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October 11, 2011

To: Hamilton County Drainage Board

Re: Crooked Creek Drain, 106th and Shelborne Road RAB Reconstruction

Attached is a petition and plans for the proposed reconstruction of the Crooked Creek Drain. The reconstruction is being proposed by the Hamilton County Highway Department. The proposal is to reconstruct the drain to provide drainage for the 106th Street and Shelborne Road Round-a-bout. The reconstruction is as shown per plans by Corradino, LLC, having Job No. PR-08-0002, and dated August 11, 2010.

The reconstruction will remove the following drain from the listed arm of Crooked Creek Drain:

English Oaks Extension

497 feet of 15" RCP from Str. 1 to Str. 2
150 feet of 15" RCP from Str. 2 to Str. 3
189 feet of 15" RCP from Str. 3 to Str. 4
51 feet of 15" RCP from Str. 4 to Str. 5
28 feet of 12" RCP from Str. 5 to Str. 7

English Oaks Arm Reconstruction

67 feet of 15" RCP from Str. 700 to Str. 701
400 feet of 15" RCP from Str. 701 to Str. 702
37 feet of 15" RCP from Str. 702 to Str. 703
121 feet of 15" RCP from Str. 703 to Str. 704
359 feet of 15" RCP from Str. 704 to Str. 705
47 feet of 12" RCP from Str. 705 to Str. 705A
59 feet of 15" RCP from Str. 705 to Str. 706A
34 feet of 15" RCP from Str. 705B to Str. 705C
47 feet of 15" RCP from Str. 5 to Str. 6 of the English Oaks Extension

English Oak Arm

48 feet of 15" RCP from Str. 705B to the north

The road project set a new structure in the old location of Str. 706A and picked up the outlet from the detention pond at Holy Trinity Greek Orthodox Church, which is part of the regulated drain. The project also set a new manhole approximately 47 feet north of old Structure 705B and picked up the outlet from English Oaks, which is also regulated drain. These were both tied into the new system which was constructed with the round-a-bout project.

The new drain will start at the open ditch then to Str. 153, 109, 113, 117A, 126, 128, 129, 141, 147, 148, and 149. Also included is Str. 141 to Str. 139, Str. 129 to Str. 132, Str. 132 to Str. 131, Str. 131 to Str. 130, Str 128 to Str. 124, Str. 124 to Str. 123, Str 124 to Str. 125, Str. 125 to Str. 136, Str. 136 to Str. 135, Str. 135 to Str 134, Str. 126 to Str. 155, Str. 117A to Str. 117B, Str. 113 to Str. 114, and Str. 114 to Str. 115.

The new drain for the round-a-bout project will consist of the following:

15" RCP	164 ft.	30" RCP	188 ft.
18" RCP	57 ft.	36" RCP	821 ft.
24" RCP	788 ft.		

The total length of new drain shall be 2,018 feet. The 2,134 feet for the various arms of the Crooked Creek Drain listed above shall be vacated. This proposal will remove 116 feet from the drain's total length.

The cost of the reconstruction was paid by the Hamilton County Highway Department. The Hamilton County Highway Department was not required to provide surety.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

The easement for this drain will be the existing right of way for 106th Street and Shelborne Road, along with the prior existing easement of parcels 17-13-06-04-05-001.003, owned by Clay Township and 17-13-06-04-05-001.005, owned by Pilgrim Lutheran Church of Indianapolis, Inc.

I recommend the Board set a hearing for this proposed drain for November 28, 2011.



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

Crooked Creek #250

106th & Shelborne Round-a-bout

*No change in current maintenance asmt except 0.63 acres will be moved from Shelborne Greene #274 & added to Crooked Crk #250 for road asmt.

*Cost of construction was paid by Hamilton Co. Hwy.

Will add 2,018' of new drain & vacate 2,134 of old drain.

Easement is existing right-of-way & existing easement of 17-13-06-04-05-001.003 & 001.005

Hearing: 11/28/11

Parcel	Owner	Address	City	Description	Benefit	MntAsmt	RecAsmt	of Total
99-99-99-99-99-999.001	Hamilton Co. Highway Dept.	1700 S. 10th St.	Noblesville, IN 46060	106th & Shelborne-S5,6,7 T17 R3	*	*	*	25.00%
99-99-99-99-99-999.005	City Of Carmel	One Civic Sq	Carmel, IN 46032	106th & Shelborne-S5,6,7 T17 R3	0.63	\$ 6.30	*	25.00%
17-13-06-04-05-001.003	Clay Twp Attn: Judith Hagan	10701 College Ave N	Indianapolis, IN 46280	S6 T17 R3 2.53 Ac	*	*	*	25.00%
17-13-06-04-05-001.005	Pilgrim Lutheran Church of Indpls	10202 Meridian St N	Indianapolis, IN 46290	S6 T17 R3 6.78 Ac	*	*	*	25.00%



Remove 0.21 ac
x 3 = 0.63 ac.
from Shellhorn
Greene & add to
Crosby Creek.