

SURVEYOR'S OFFICE
Hamilton County

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August 15, 2008

To: Hamilton County Drainage Board

Re: J.W. Brendel Drain, 131st Street – Towne Road to Shelborne Road Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the J.W. Brendel Drain, for the 131st Street project from Towne Road to Shelborne Road. The reconstruction was petitioned by the City of Carmel. During this construction several arms of the J.W. Brendel Drain will be affected. Those changes are as follows:

J.W. Brendel Drain

J.W. Brendel Drain – Carmel Street Department Main Facility Arm: The project will place a new structure (Str. 15) about 50 feet east of existing Str. 734 per the plans for Carmel Street Department Main Facility, prepared by Cripe, having job number 990488-10100, and date of 11/1/02. This will provide a new outlet point for the roadway storm sewer system. The 33 feet of 12" RCP between Str. 734 and the end section (Str. 734A) will be removed. Another new structure (Str. 21) was placed 30 feet west of Str. 733 on the Cripe plans. At Structure 731 of the Cripe plans, the 42 feet of 12" RCP was removed and replaced in place with 40 feet of 15" RCP. Thus, 35 feet of drain was removed from the J.W. Brendel – Carmel Street Department Main Facility Arm. This is shown on Sheets 7 and 8 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Aberdeen Bend Arm: The project will remove 136 feet (68 feet each side) of SSD at the entrance to Aberdeen Bend Subdivision. Thus, 136 feet of drain was removed from the J.W. Brendel – Aberdeen Bend Arm. This is shown on Sheet 8 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Hayden Run Section 1 Arm: The project will remove 184 feet (92 feet each side) of SSD at the entrance to Hayden Run Subdivision. Thus, 184 feet of drain was removed from the J.W. Brendel – Hayden Run Section 1 Arm. This is shown on Sheet 9 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Shelborne Park Section 1 Arm: The project will remove 180 feet (90 feet each side) of SSD at the entrance to Shelborne Park Subdivision. Also, Structure 805 of the drain will be removed. A new structure (Structure 37A) will be installed 8 feet to the northeast of the current location of Structure 805 and 8 feet of 12" RCP will be removed. To be added to the drain is 212 feet of 12" RCP from Structure 46 to Structure 47 and then to an end section to outlet at the lake in Hayden Run Section 1. This pipe is the emergency overflow conveyance from the system upstream of the road project, across the right of way, to the downstream drain system. Thus, a net increase of 24 feet will be added to the J.W. Brendel – Shelborne Park Section 1 Arm. This is shown on Sheet 9 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Arm 1: The project will remove 42 feet of the 14" tile from Station 0+00 to Station 0+42 per the 1909 legal description. A new breather will be set at the new location of the end of the tile. To be added to the drain is 114 feet of 24" x 38" elliptical RCP from Structure 55 to an end section at the southern right of way line of 131st Street. This pipe is the emergency overflow conveyance from the system upstream of the road project, across the right of way, to the downstream drain system. Thus, a net increase of 72 feet will be added to the J.W. Brendel – Arm 1. This is shown on Sheet 11 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Lakes at Hayden Run Section 1 Arm: The project will remove 230 feet (115 feet each side) of SSD at the entrance to Lakes of Hayden Run Subdivision. Thus, 230 feet of drain was removed from the J.W. Brendel – Lakes of Hayden Run Section 1 Arm. This is shown on Sheet 13 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

J.W. Brendel Drain – Village of West Clay 6001 Relocation: This portion affected in the tile portion of the main drain and the subsequent Village of West Clay 6001 Relocation per my report dated December 6, 2006, and approved by the Board on January 22, 2007. The project will remove 217 feet of 15" RCP from Structure 613 to Structure 615, per the plans for Village of West Clay Section 6001 by Schneider Engineering, having Project Number 1238.6001 and dated 3/1/05. This section of drain will be replaced with 221 feet of 18" RCP and 19 feet of 12" RCP, starting at Structure 79, then to Structure 77, then Structure 74, then Structure 70, and ending at Structure 71. Also, Structure 78 will be placed south 9 feet of existing Structure 614 per the plans listed above, which will remove 9 feet of 27" RCP. Thus, a net increase of 14 feet will be added to the J.W. Brendel Drain – Village of West Clay 6001 Relocation. This is shown on Sheets 13 and 14 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

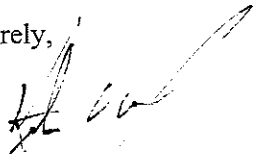
J.W. Brendel Drain: A new Structure (Structure 80) will be set at Sta. 3+40, per the 1909 legal description, on the main drain, and 56 feet of 27" RCP will replace the existing 12" tile to the new relocated Structure 78. The old tile from Sta. 3+40 to Sta. 3+76 will be vacated. Thus, a net increase of 20 feet will be added to the J.W. Brendel Drain. This is shown on Sheet 14 of the plans prepared by Farrar, Garvey & Associates, a division of Clark Dietz, Inc., having City of Carmel Project Number 06-10, and dated April 14, 2008.

The road project will remove 455 feet of the J.W. Brendel Drain and all affected arms.

The cost of the reconstruction is to be paid by the City of Carmel. Because the project is to be paid by the petitioner and is being completed within the right of way owned by the City of Carmel, the project falls under the requirements as set out in IC 36-9-27-52.5. Therefore, a hearing with 30 day notice is not required for the petition.

I recommend the Board approve the project at this time.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

Gasb 34 Asset Price & Drain Length Log

Drain-Improvement: 131st Street Reconstruction from Towne to Shelborne Rd

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
RCP	15"	40			\$9.50 LF	\$380.00
RCP	12"	212			\$7.25 LF	\$1537.00
ERCP	24" X 38"	114			\$52.25 LF	\$5,956.50
RCP	18"	221			\$10.50 LF	\$2,320.50
RCP	12"	19			\$7.25 LF	\$137.75
RCP	27"	56			\$21.30	\$1,192.80

Sum: 662 \$11,524.55

Final Report: _____

Comments:

HAMILTON COUNTY DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN RE: 131st St. from Shelborne Rd. to Towne Rd.)
Hamilton County, Indiana)

PETITION FOR RELOCATION AND RECONSTRUCTION

Clark Dietz, Inc. and the city of Carmel (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a
section of the J.W. Brendle Drain, and in support of

said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the J.W. Brendle
Drain runs.
2. Petitioner plans to develop its real estate with roads, buildings, utilities, storm drains,
sanitary sewers and other structures.
3. Petitioner's proposed development of its real estate will require relocation and
reconstruction of a portion of the J.W. Brendle Drain, as
specifically shown on engineering plans and specifications filed with the Hamilton
County Surveyor.
4. The work necessary for the proposed relocation and reconstruction will be undertaken at
the sole expense of the Petitioner and such work will result in substantial improvement to
the J.W. Brendle Drain, without cost to other property owners
on the watershed of the J.W. Brendle Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County
Drainage Board authorizing relocation and reconstruction of the J.W. Brendle
Drain, in conformance with applicable law and plans and specifications on file with the Hamilton
County Surveyor.


Signed

Mike McBride, P.E.

Printed