

SURVEYOR'S OFFICE

# Hamilton County

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July 6, 2017

To: Hamilton County Drainage Board

Re: Wheeler & Wheeler Drain, Howe Road Arm – Greenfield Ave. & Howe Road Roundabout Reconstruction

Attached are petition and plans for the proposed reconstruction of the Wheeler & Wheeler Drain, Howe Road Arm. This project is to be paid for by the City of Noblesville. The proposal is to reconstruct the existing tile drains currently in the Greenfield Avenue right-of-way and Howe Road right-of-way owned by the City of Noblesville; on parcel 10-11-08-00-00-014.000 owned by Brian M. & Emma M. Edwards; parcel 10-11-08-00-00-012.000, owned by A. Donald Wiles II, Trustee of A. Donald Wiles II Revocable Trust; also affected are parcels 10-11-08-00-00-015.000 owned by Angela L. Cottrell; and parcel 10-11-08-00-15-065.000 owned by Arbor Grove Home Owners Association, Inc., per the Greenfield Avenue & Howe Road Roundabout project plans by Butler, Fairman & Seufert, Inc., Project No. 1401716, filed June 21, 2017.

Per the plans, the upstream end of this extension will begin at an existing manhole (Str. 100) on the west side of Howe Road, approximately 239' feet south of the existing centerline of Greenfield Avenue, which is at Station 0+00 of the existing Howe Road Arm (Sta. 52+42 current plans). A new pipe will drain north and cross under Greenfield Avenue and tie into the existing 12" Howe Road Arm approximately 276' north of the existing centerline of Greenfield Avenue (Sta. 52+76.2 at Str. 33).

This reconstruction will consist of the following:

234' of 18" RCP	139' of 30" RCP
53' of 21" RCP	96' of 6" SSD

The new drain involves the following structures: 100 (existing), 28, 23, 13, 14, 30, 32, 32-endsection, Underdrain cleanout, and 33.

The newly installed drain will have a length of 522'.

Regarding the existing drain, this project will remove 527' of drain from existing Str. 5 to 247' north of existing Str. 3. This proposal will subtract 5' of footage from the drain's total length.

The 96' of SSD noted above, drains below the dry detention area. The detention area is not to be considered part of the regulated drain for maintenance. Drain maintenance at the dry detention area shall include the SSD, the pipe inlet and outlet as part of the regulated drain. The maintenance of the pond such as sediment removal, erosion control along the banks, mowing and aquatic vegetation control will be the responsibility of the City of Noblesville. The Board will retain jurisdiction for ensuring the storage volume for which the dry pond was designed will be retained, thereby, allowing no fill or easement encroachments. The water quality unit (Str.31) will be maintained by the City of Noblesville. The other storm facilities not listed in this report will be maintained by the City of Noblesville.

The Wheeler & Wheeler Drain, Howe Road Arm was established in 1990. The drain is currently on a maintenance program which was approved at hearing on October 15, 1990. See Minutes Book 2, Pages 455-456 and 472-473.

The cost of the project is to be paid by the City of Noblesville. The petitioner has not submitted surety for the proposed drain reconstruction, as this requirement has been waived for the City.

The new drain will be installed within existing regulated drain easement or in road right-of-way. Therefore, the easement for the new drain shall be the existing easement and the right-of-way for Howe Road and Greenfield Avenue, whichever is greater.

I recommend the Board set a hearing date for August 28, 2017.

Sincerely,



Kenton C. Ward  
Hamilton County Surveyor

KCW/stc

FILED

FEB 07 2017

HAMILTON COUNTY DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN RE: Greenfield Ave. And Howe Rd. Roundabout )  
Hamilton County, Indiana )

OFFICE OF HAMILTON COUNTY SURVEYOR

PETITION FOR RELOCATION AND RECONSTRUCTION

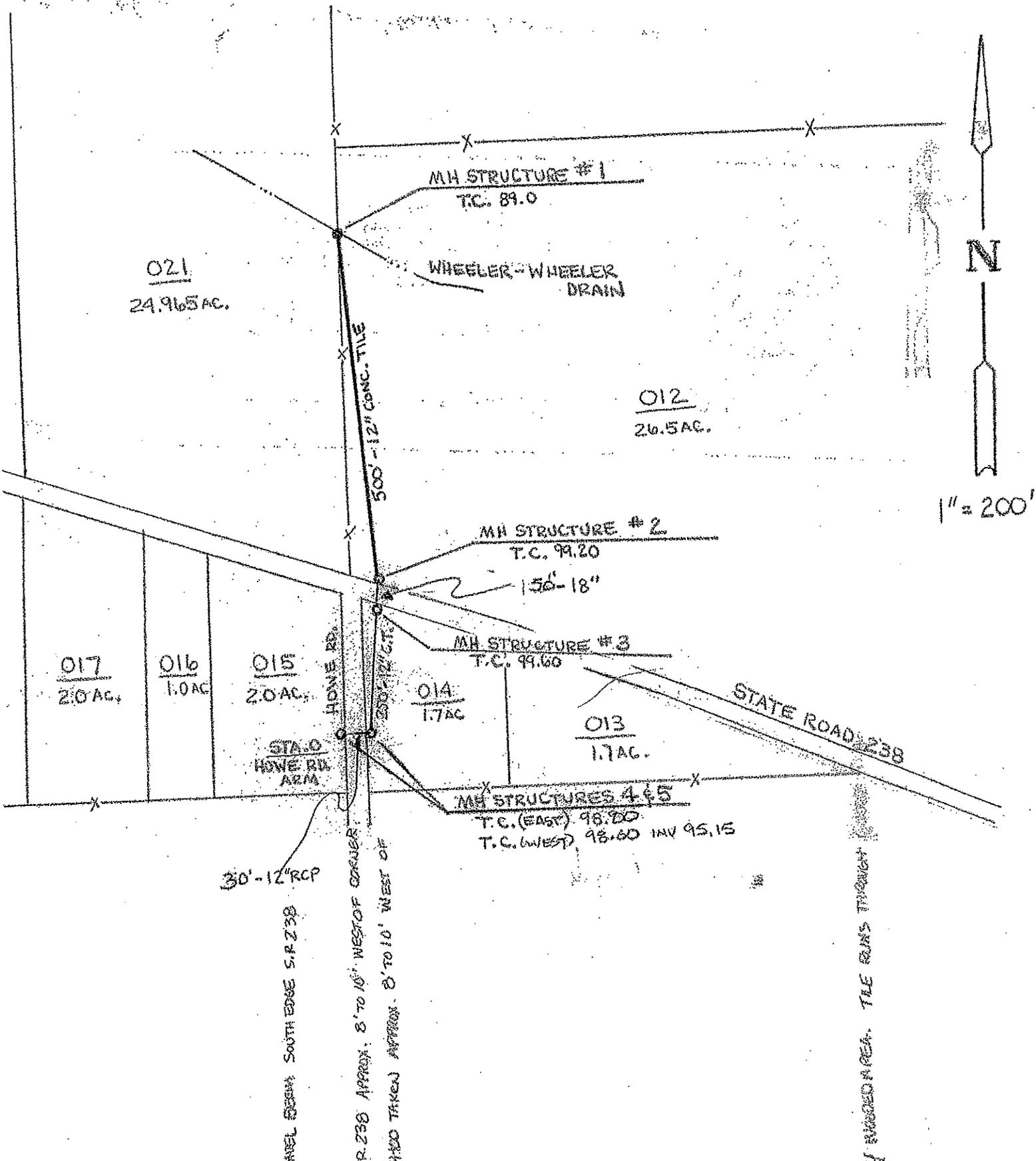
The City of Noblesville (hereinafter "Petitioner"),

hereby petitions the Hamilton County Drainage Board for authority to relocate and improve a section of the Wheeler and Wheeler Drain, and in support of said petition advises the Board that:

1. Petitioner owns real estate through which a portion of the Wheeler and Wheeler 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 Wheeler and Wheeler 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 Wheeler and Wheeler Drain, without cost to other property owners on the watershed of the Wheeler and Wheeler Drain.

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

  
Signed \_\_\_\_\_  
John Beery, PE - Noblesville City Engineer  
Printed \_\_\_\_\_



021  
24.965 AC.

012  
26.5 AC.

017  
2.0 AC.

016  
1.0 AC.

015  
2.0 AC.

014  
1.7 AC.

013  
1.7 AC.



1" = 200'

SHADDED AREA. TILE RUNS THROUGH

**Wheeler & Wheeler, Howe Road Arm**

Greenfield Ave. & Howe Road RAB Reconstruction

Remove & abandoned drain between Sta. 0 to 5+27 replace with 522' of new drain.

This proposal will remove 5' of footage from the drain's total length.

New drain to be installed in existing drain easement or road right-of-way.

\*Cost of reconstruction to be paid by the City of Noblesville. No change in current maintenance assessment.

Hearing: 08/28/17

Parcel	Owner	Description	Benefit	MntAsmt	Reconst	Percent
10-11-08-00-00-015.000	Cottrell, Angela L	S8 T18 R5, 2.00 Ac	n/a	*	*	*
10-11-08-00-00-014.000	Edwards, Brian M. & Emma M.	S8 T18 R5, 1.70 Ac	n/a	*	*	*
10-11-08-00-00-012.000	Wiles, A. Donald II Trustee	S8 T18 R5, 26.50 Ac	n/a	*	*	*
10-11-08-00-15-065.000	Arbor Grove HomeOwners Assoc.	S8 T18 R5, Arbor Grove CA K	n/a	*	*	*
99-99-99-99-99-999.008	City Of Noblesville	S8T18R5 Greenfield Ave & Howe Rd	n/a	*	*	*