

September 29, 2015

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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

Re: Cool Creek Drain, Anna Kendall Arm, Mill Street Reconstruction

Attached are petition, plans, and other information for the proposed reconstruction of the Cool Creek Drain, Anna Kendall Arm, for the Mill Street Road Project. The reconstruction was petitioned by the City of Westfield. During the road reconstruction, the Anna Kendall Arm will be affected and those changes are as follows:

Anna Kendall - Main Arm

The project will reconstruct a portion of Anna Kendall Arm, with the placement of a new culvert and overflow weir structure under the new Mill Street. The reconstruction will intercept the original open ditch channel at Sta. 172+20, per the original 1882 legal description, then run in a new channel through the new 48" CMP, and merges back into the original channel at Sta. 174+73. The new channel length will be 230 feet of open ditch between Sta. 2+70 and 5+00, as shown on sheets C2 and C3 of the Mill Street Reconstruction Project plans by Lochmueller Group, having project number 213-0027, and dated March 20, 2015.

The total length of new drain shall be 230 feet. The 253 feet of original drain between Sta. 172+20 and Sta. 174+73 per the original 1882 legal description, shall be vacated. This proposal will remove 23 feet from the Anna Kendall - Main Arm's total length.

Part of the construction of Mill Street is the new control structure and overflow weir that is designed to mimic the prior 48" pipe and old railroad embankment, which limited the flow of water through this point. This control structure and overflow weir was required to be provided to ensure no increased flows downstream. Per the 2014 FIRM maps from FEMA the upstream (south) side of the old railroad embankment has a BFE of 884 and the downstream (north) side has a BFE of 878. Therefore, removal of this system would create flooding that was not previously seen placing downstream properties in danger of flooding, and must be maintained per the design in perpetuity. The maintenance of the 48" CMP, control structure, overflow weir, and box structure under Mill Street will be the responsibility of the City of Westfield since it is all part of the new Mill Street road crossing. The open channel regulated drain through this area will only be responsible for maintaining flow in emergency situations to protect upstream landowners and not any structural features within the Mill Street ROW.

Anna Kendall - Goodrich Brothers Arm

The project will reconstruct a portion of Goodrich Brothers Arm, with the placement of a new manhole, Str. 113 per the road plans, 35 feet east of existing Str. 9, which is labeled Str. 112 per the road plans, adjusting the casting height of existing Str. 9 to match new adjacent grade, and add new manhole, Str. 114 per the road plan, 270 feet east of existing Str. 9, removing the last 10 feet of existing pipe and replacing it with 25 feet of 33" pipe running in a north east direction, as shown on sheet R9 of the Mill Street Reconstruction Project plans by Lochmueller Group, having project number 213-0027, and dated March 20, 2015.

The total length of new drain shall be 25 feet. The last 10 feet of original drain west of the open ditch, per the 1988 Park Street Improvement plans, shall be vacated. This proposal will add 15 feet to the Anna Kendall – Goodrich Brothers Arm total length.

The cost of the reconstruction is to be paid by the City of Westfield.

Since the petitioner is the City of Westfield 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 top of bank of the open ditch, as per IC 36-9-27-33. This reconstruction of the regulated drain will move the easement and work will be completed in the easement of the following parcels:

<u>Parcel</u>	<u>Owner</u>
09-09-01-02-07-016.000	City of Westfield
09-09-01-02-07-017.000	City of Westfield
09-09-01-02-07-018.000	City of Westfield
09-09-01-02-07-020.000	City of Westfield
09-09-01-02-07-024.000	City of Noblesville
09-09-01-02-07-024.001	City of Westfield
09-09-01-02-07-025.000	City of Noblesville
09-09-01-02-10-005.000	City of Westfield
09-09-01-02-10-006.000	City of Westfield
09-09-01-02-10-007.000	City of Westfield
09-09-01-02-08-001.000	City of Westfield
Mill Street ROW	City of Westfield
Park Street ROW	City of Westfield

I recommend the Board set a hearing for this proposed drain reconstruction for November 23, 2015.

Sincerely,


Kenton C. Ward, CFM
Hamilton County Surveyor

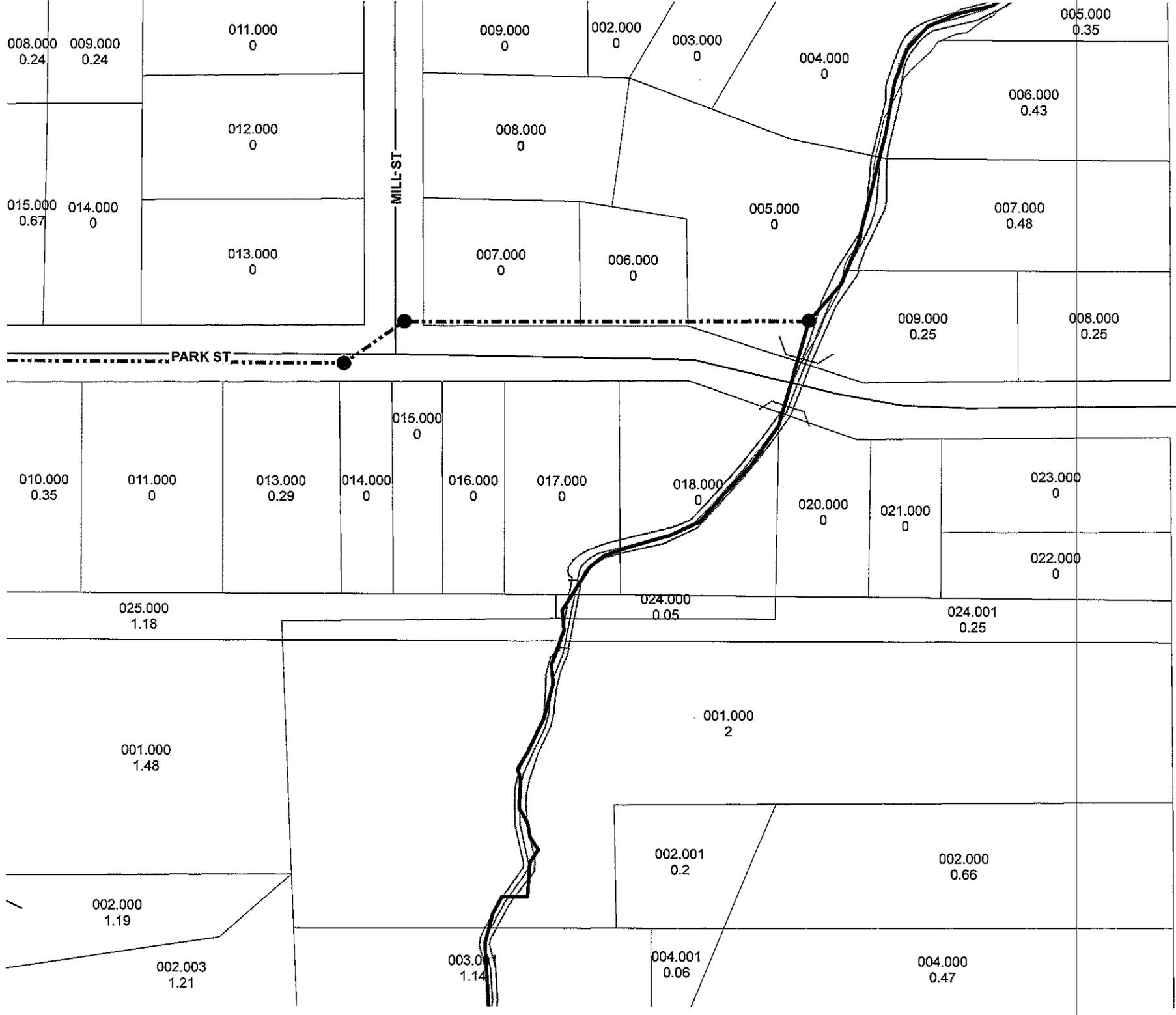
KCW/pll

Cool Creek, Anna Kendall Arm

Mill Street Reconstruction

Anna Kendall will have 230' added and 253' vacated between Sta 172+20 to 174+73. Goodrich Brothers will have 25' added and the last 10' of original drain west of the open ditch to be vacated. Easement shall remain the 75' from centerline of tile or top of bank of the open ditch. *Cost of reconstruction to be paid by City of Westfield. No change in current maintenance assessment rates. Hearing: 11/23/15

Parcel	Owner	Description	Benefit	MntAsmt	Reconst. Asmt	Percent
09-09-01-02-07-016.000	City of Westfield	S1 T18 R3 I.B. Anderson Lot 9	n/a	*	*	*
09-09-01-02-07-017.000	City of Westfield	S1 T18 R3 I.B. Anderson Lot 7 & 8	n/a	*	*	*
09-09-01-02-07-018.000	City of Westfield	S1 T18 R3 I.B. Anderson Lot 5 & 6	n/a	*	*	*
09-09-01-02-07-020.000	City of Westfield	S1 T18 R3 I.B. Anderson Lot 4	n/a	*	*	*
09-09-01-02-07-024.000	City of Noblesville	S1 T18 R3 Vacated RR parcel Conrail	n/a	*	*	*
09-09-01-02-07-024.001	City of Westfield	S1 T18 R3 Vacated RR parcel Conrail	n/a	*	*	*
09-09-01-02-07-025.000	City of Noblesville	S1 T18 R3 Vacated RR parcel Conrail	n/a	*	*	*
09-09-01-02-10-005.000	City of Westfield	S1 T18 R3 Mill Stream Lot 1	n/a	*	*	*
09-09-01-02-10-006.000	City of Westfield	S1 T18 R3 Mill Stream Lot 8	n/a	*	*	*
09-09-01-02-10-007.000	City of Westfield	S1 T18 R3 Mill Stream Lot 7	n/a	*	*	*
09-09-01-02-08-001.000	City of Westfield	S1 T18 R3 2.00 Ac	n/a	*	*	*
99-99-99-99-999.010	City of Westfield	S1 T18 R3 Mill St & Park St	n/a	*	*	*



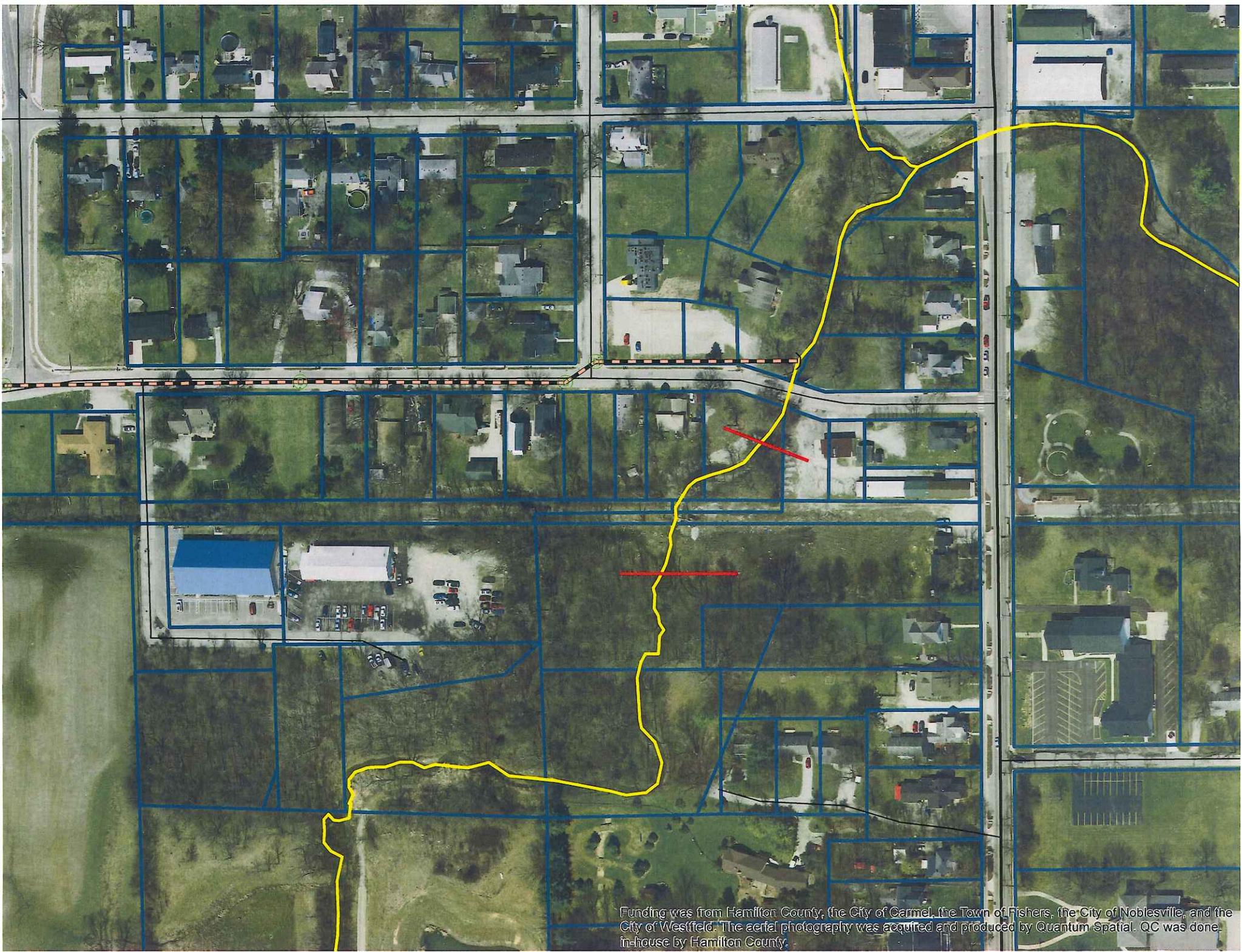
029.000
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029.001
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028.000
1

022.000
1.2

001.000
1.9



Funding was from Hamilton County, the City of Carmel, the Town of Fishers, the City of Noblesville, and the City of Westfield. The aerial photography was acquired and produced by Quantum Spatial. QC was done in-house by Hamilton County.