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**APR 27 2018**

**MAYOR'S OFFICE  
NEW PHILA, OHIO**

April 24, 2018

CITY OF NEW PHILADELPHIA  
150 E HIGH AVE  
NEW PHILADELPHIA OH 44663

**COPY**

Subject: Notification of increases/decreases in 1% (100-year) annual chance water-surface elevations and establishment of a floodway along Beaverdam Creek

Dear CITY OF NEW PHILADELPHIA,

EMH&T is applying for a Conditional Letter of Map Revision (CLOMR) from the Federal Emergency Management Agency on behalf of Kent State University to revise Flood Insurance Rate Map (FIRM) panels 0170D, 0255D, and 0260D in the City of New Philadelphia and Tuscarawas County along Beaverdam Creek. Kent State University is proposing to build a 75-ft wide bridge over Beaverdam Creek as a part of a new roadway project south of University Drive on the KSU campus. The entirety of Beaverdam Creek from its confluence with the Tuscarawas River to the end of detailed study at the intersection of OH-39 and County Highway 86 was re-studied with updated lower flow rates and the incorporation of a floodway. The incorporation of a floodway was important to the City and County as it gives them a better planning tool for future projects within the floodplain and helps to define the required width for the new bridge. The new bridge was required to span the floodway. The new study generally decreases floodplain elevations and limits throughout the reach of the stream.

The FIRM for a community depicts the Special Flood Hazard Area (SFHA), the area which has been determined to be subject to a 1% (100-year) or greater chance of flooding in any given year. The floodway is the portion of the floodplain that includes the channel of a river or other watercourse and the adjacent land area that must be reserved in order to discharge the 1% annual chance (base) flood without cumulatively increasing the water-surface elevation by more than 1-foot. The FIRM is used to determine flood insurance rates and to help the community with floodplain management.

The new floodplain study will result in increases/decreases in the 1% annual chance (base) water-surface elevations along Beaverdam Creek. The Kent State bridge project itself increases floodplain elevations local to the bridge and upstream of the bridge with a rise of 0.14-feet at University Drive which dissipates to 0.01-feet at 18<sup>th</sup> Street. Even with the increase, the flood elevations in these areas are still lower than the current map due to the lower flow rates. A preliminary map of the changes will be posted on the Tuscarawas County GIS website at the following address:

<http://www.co.tuscarawas.oh.us/Regional%20Planning/floodplain.htm>

Once the bridge project has been completed later this year or early 2019, an as-built survey will be performed of the bridge and a Letter of Map Revision (LOMR) request will be submitted that will officially revise the following flood hazards along the entirety of Beaverdam Creek. The preliminary maps associated with this notice will not be effective until after the LOMR is submitted and approved by FEMA. The new map will likely become effective in the summer of 2019. The study will revise the following flood hazards along Beaverdam Creek:

1. A new floodway will be established from the Tuscarawas River to the intersection of OH-39 and County Highway 86

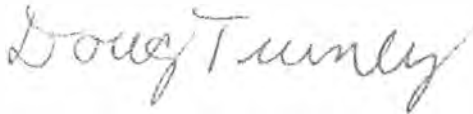
2. Revised Base Flood Elevations (BFEs) will be established
3. The 100-year and 500-year floodplain boundaries will be revised

The letter is to inform you of the proposed restudy and project that may affect flood elevations on your property at UNGESIGNATED ADDRESSES ON NE 9TH DR, STATE ROUTE 39, NE 24TH DR, NE FORBES ST, NE RAY AVE, NE 10TH ST, NE FAIR AVE, NE ROLLAND AVE, NE DONAHEY AVE, NE BEAVER AVE, NE 5TH ST, NE 6TH ST, NE 7TH ST, NE 8TH ST AND 18TH ST NE {PID(s) 43-07146-000, 25-02044-000, 25-02045-000, 25-02046-000, 25-02050-000, 25-02052-000, 43-06940-001, 43-07148-000, 43-07159-000, 43-07176-000, 43-07184-000, 43-07214-000, 43-07220-000, 43-07880-020, 43-08509-000, 43-07254-000, 43-07138-000, 43-07209-000, 43-}. This letter is also to inform you of the potential changes to the effective flood hazard information that would result after the project is completed and a LOMR request is submitted to FEMA.

If your property is within the City limits of New Philadelphia, maps and detailed analysis of the proposed flood hazard revisions can be reviewed at the City Engineer's office at 150 East High Avenue, Suite 200. Please contact Jeff Erb at 330-364-4491 x1277 for an appointment. If your property is located outside the City limits, the maps can be viewed at the Tuscarawas Regional Planning Office at 125 east High Avenue, Suite 210, New Philadelphia. Please contact Jill Lengler at 330-365-3246 for an appointment.

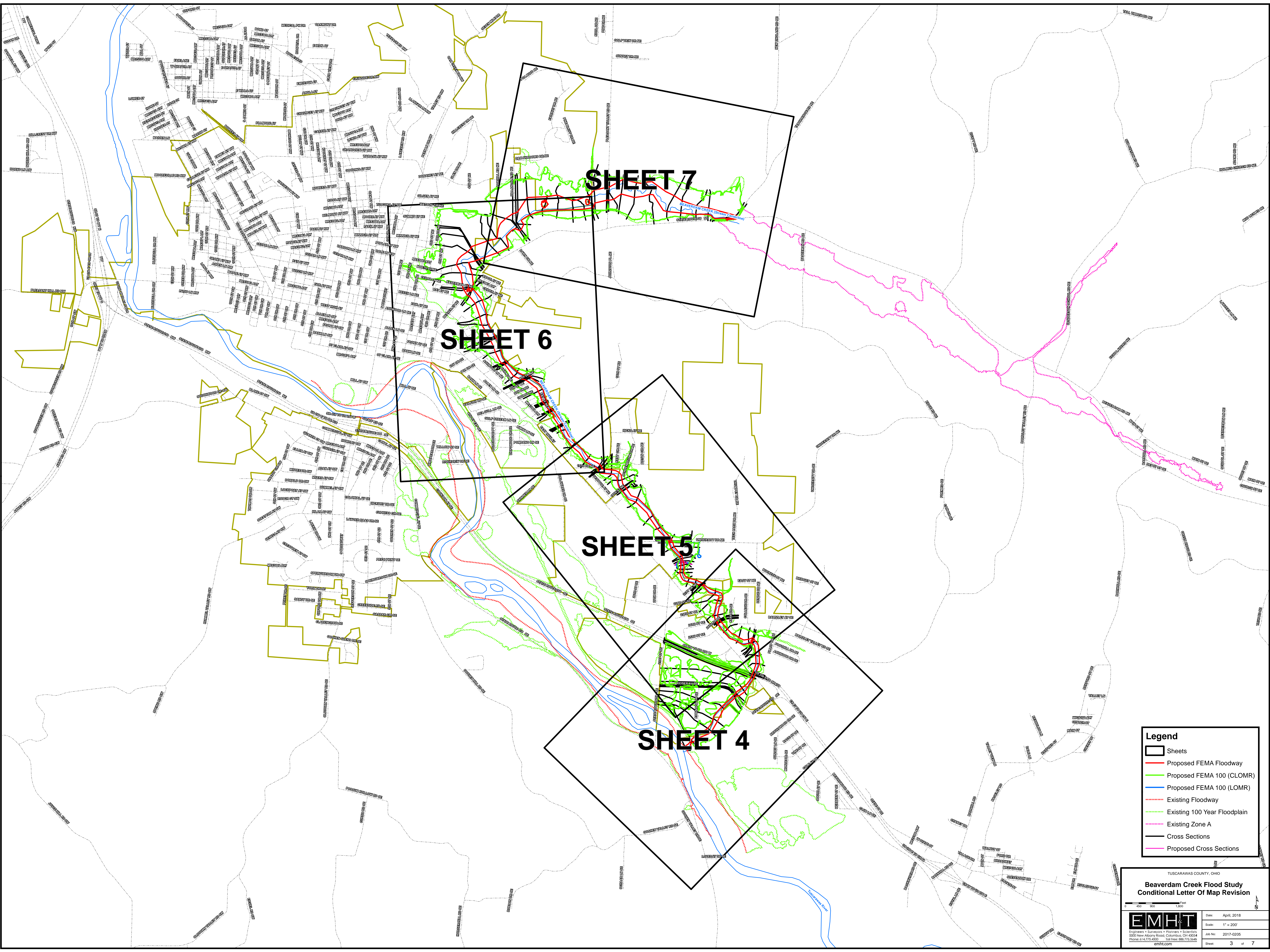
I would be more than happy to answer any questions or concerns about the proposed project or its effect on your property. Please feel free to give me a call at 614-775-4213.

Sincerely,



Douglas C. Turney, P.E., CFM  
Project Manager, EMH&T





**SHEET 7**

**SHEET 6**

**SHEET 5**

**SHEET 4**

**Legend**

- Sheets
- Proposed FEMA Floodway
- Proposed FEMA 100 (CLOMR)
- Proposed FEMA 100 (LOMR)
- Existing Floodway
- Existing 100 Year Floodplain
- Existing Zone A
- Cross Sections
- Proposed Cross Sections

TUSCARAWAS COUNTY, OHIO

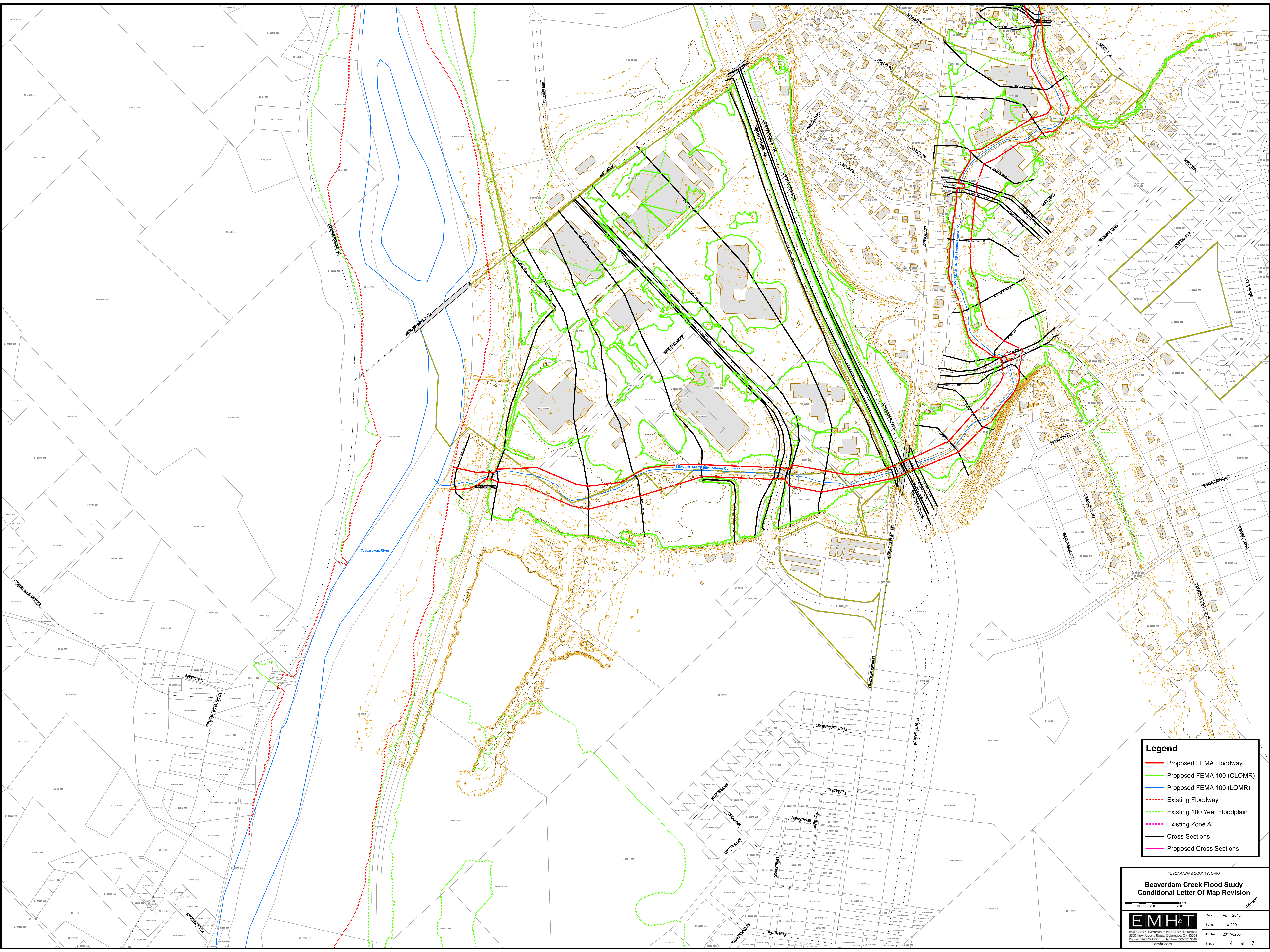
**Beaverdam Creek Flood Study**  
Conditional Letter Of Map Revision

0 400 800 1,600 Feet

**EMHT**  
Engineers • Surveyors • Planners • Scientists  
500 New Albany Road, Columbus, OH 43254  
Phone: 614.775.4500 Fax: 614.775.3448  
emht.com

Date: April, 2018  
Scale: 1" = 200'  
Job No: 2017-0205  
Sheet: 3 of 7





**Legend**

- Proposed FEMA Floodway
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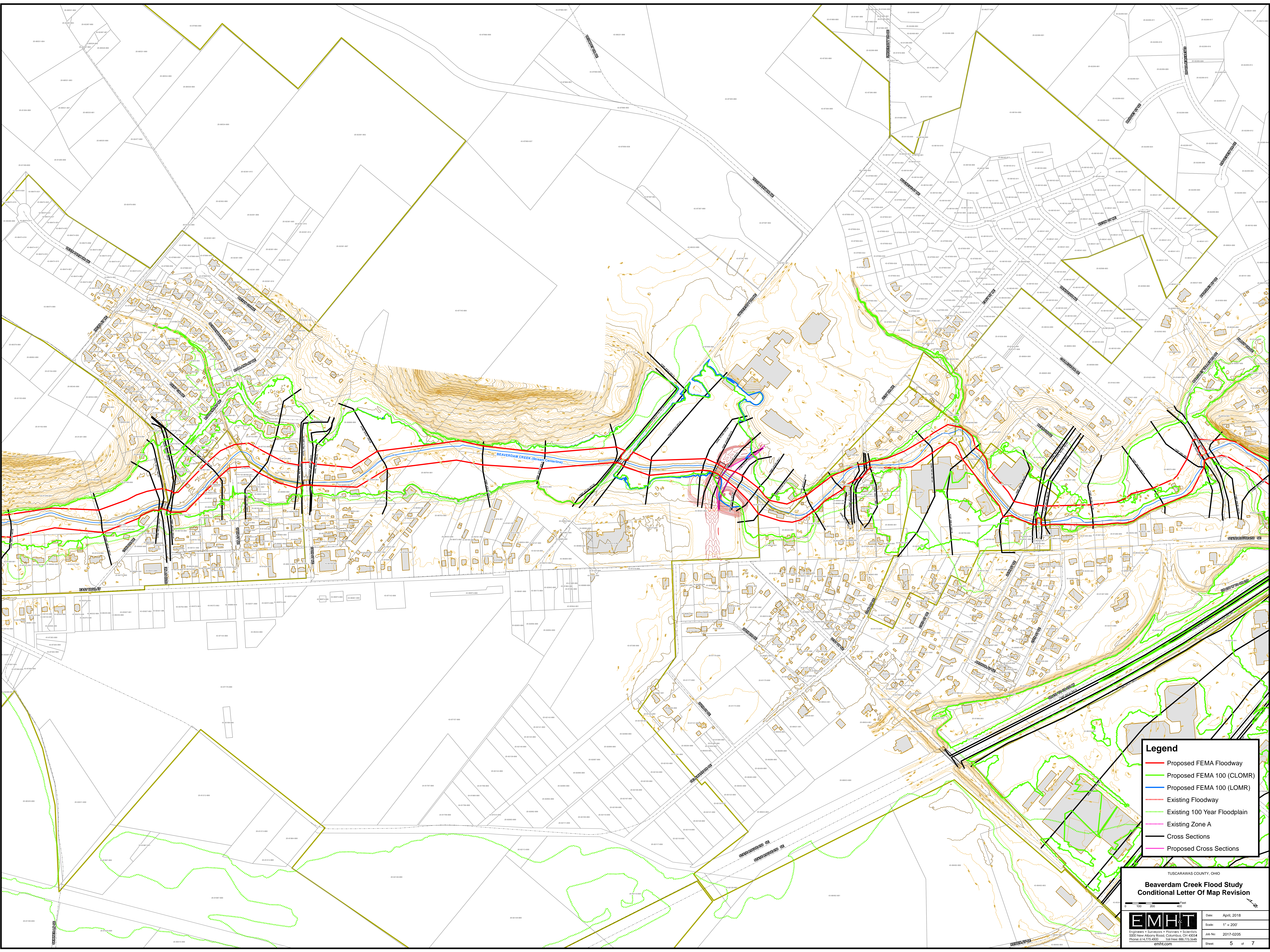
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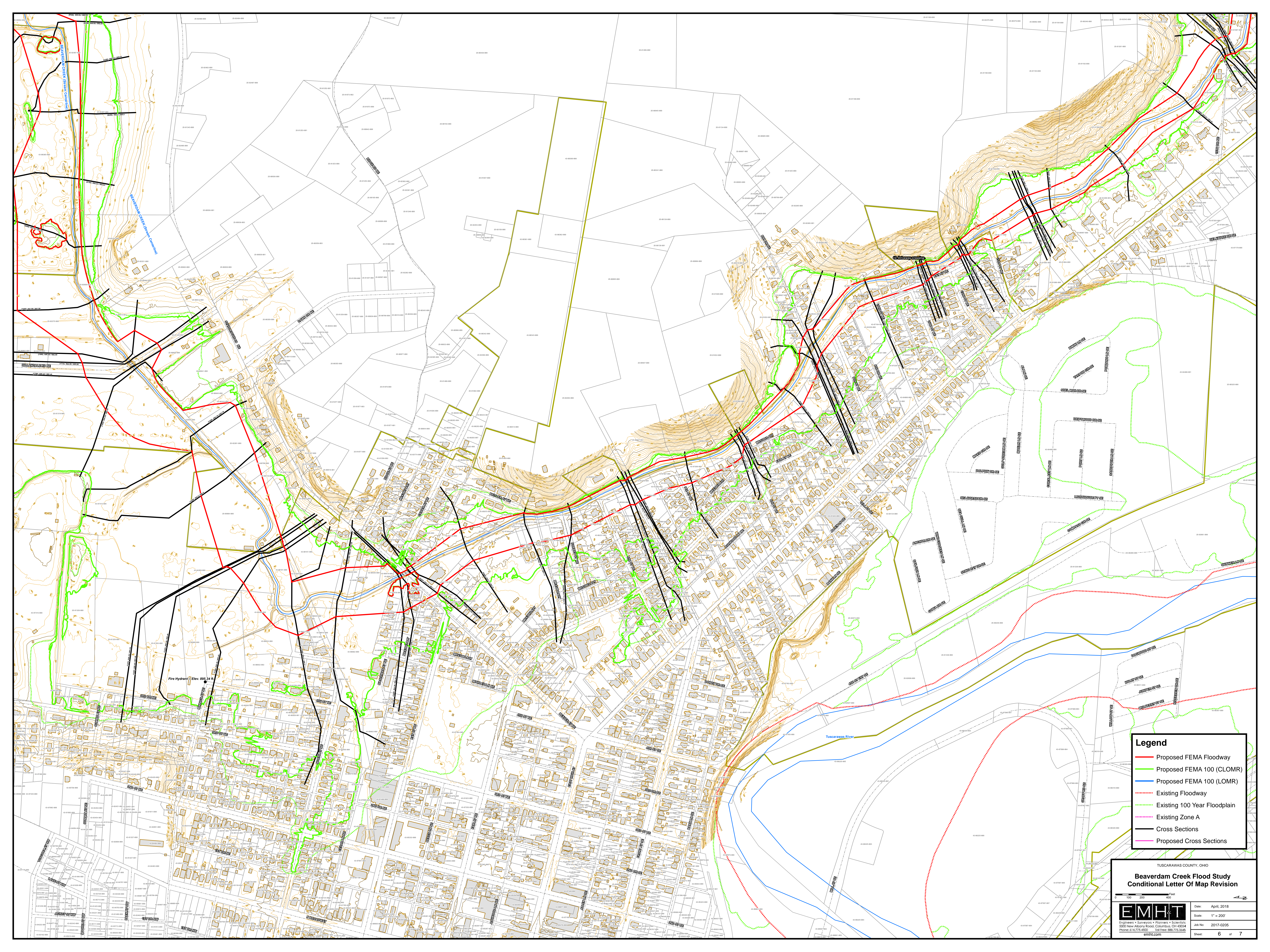
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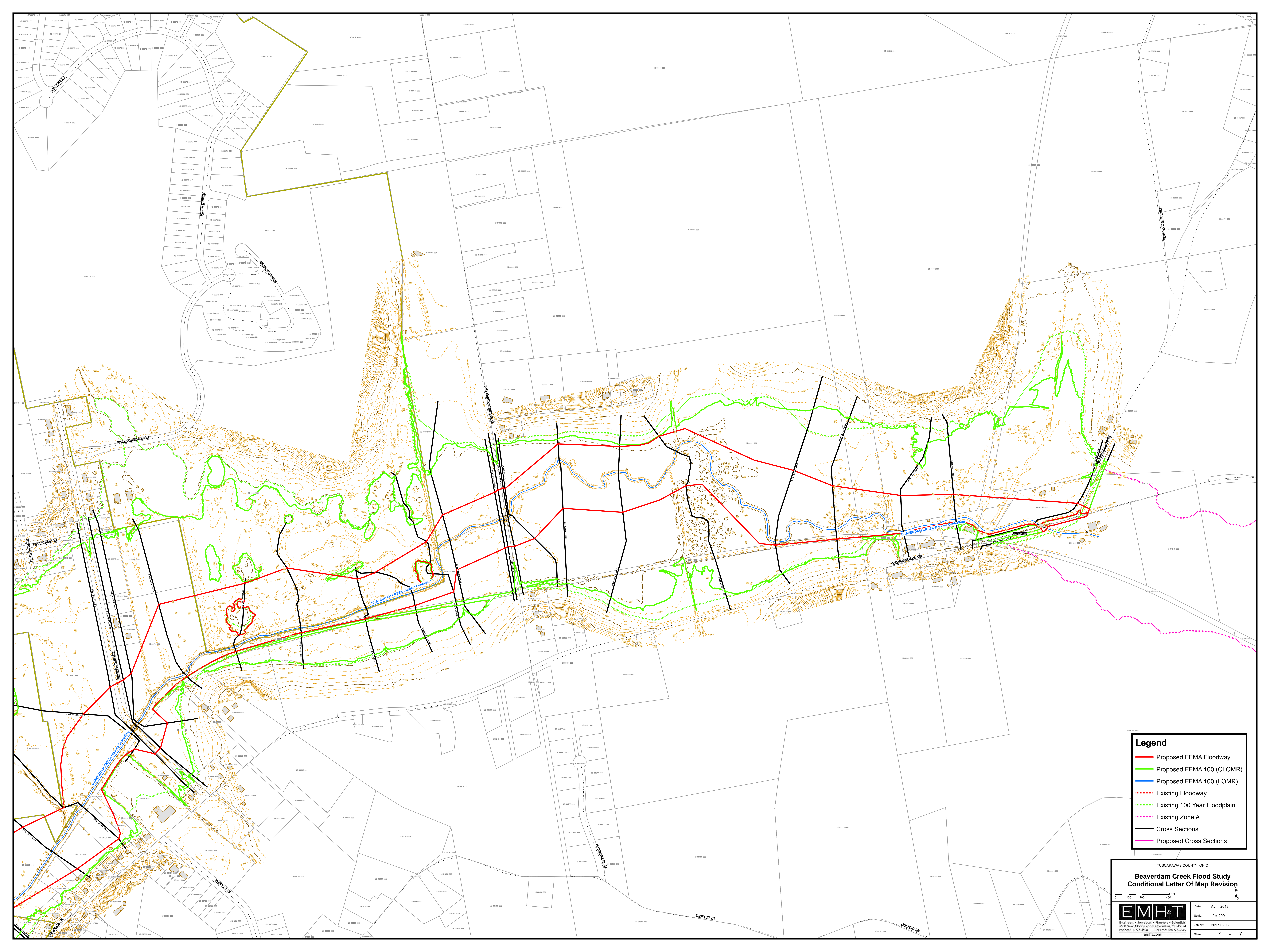
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