



Holland
MICHIGAN

10th Street Reconstruction Project
Neighborhood Meeting #2

September 10, 2020

Brian White

Pieter Beyer



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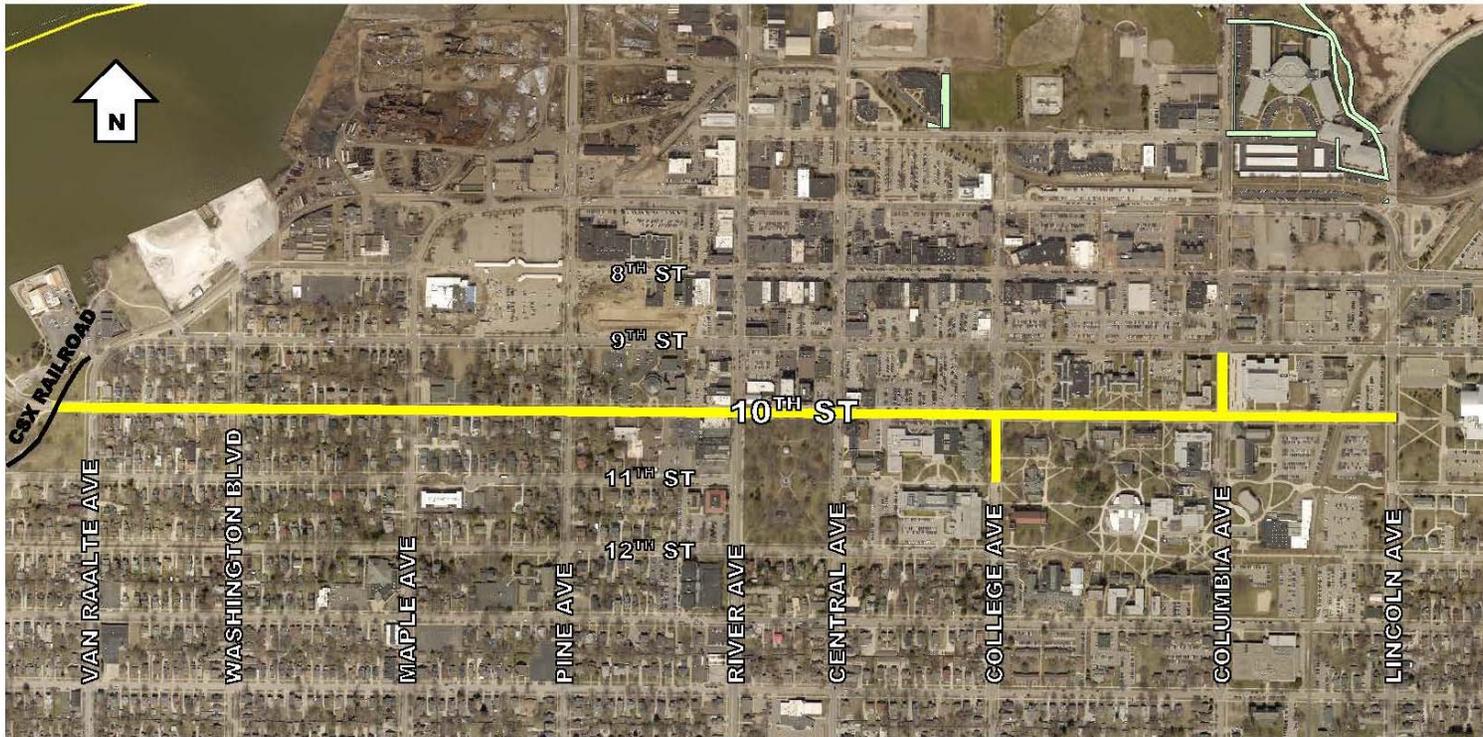


September 10, 2020 Meeting Agenda:

- Review Project Information (PowerPoint)
 - Location Map / Project Limits
 - Project Schedule
 - Project History & Background
 - Overview of Scope
 - Utilities (BPW / City)
 - Non-Motorized
 - Snowmelt
 - Conceptual Cross Sections & Plan Views
- Next Steps
- Comments from the Public & YouTube
- One on One

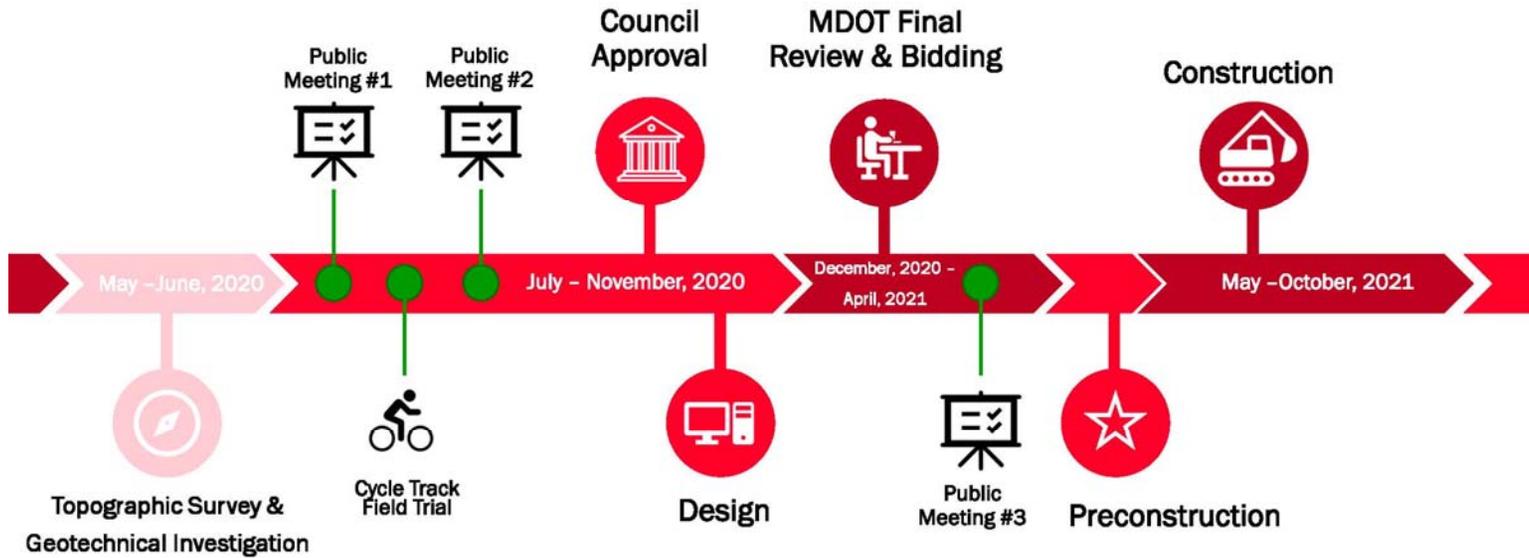
- <https://youtu.be/AS7vQTzItmg>_____ Use Chat Box

10th Street Project Limits Map



-  Road work
-  Railroad

Project Schedule





10th Street History & Background:

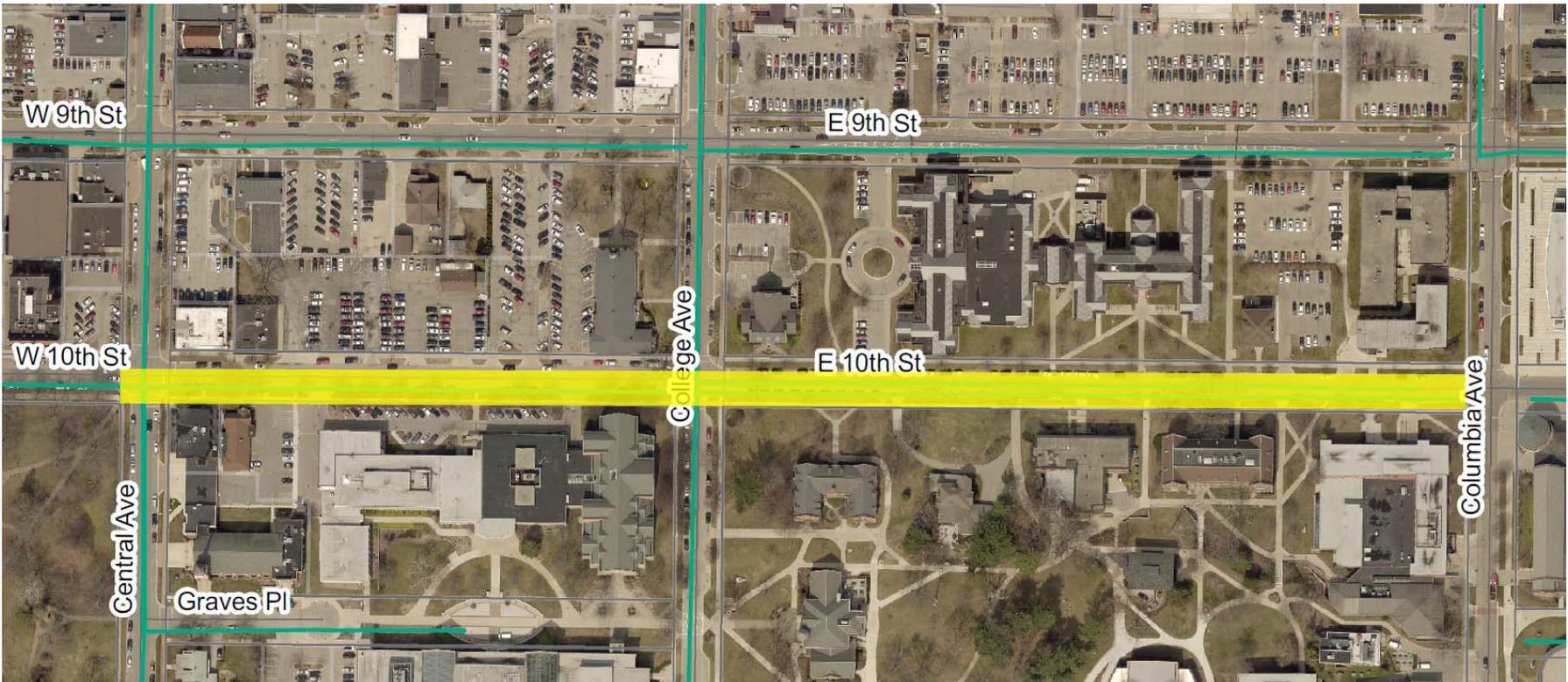
- Reconstruction of 10th on streets capital project list
- \$1.2 Million Federal Grant
- Pavement Condition – PAsER Rating 2 to 3 (poor)
- Sidewalk Condition – Sidewalk Rating 4 to 9 (fair)
- Work with BPW to Address Older Underground Utilities
 - Storm Sewer
 - Watermain
 - Sanitary Sewer
 - Others (At&t, Semco, Comcast, etc.)
- No Assessments (except possible with snowmelt)



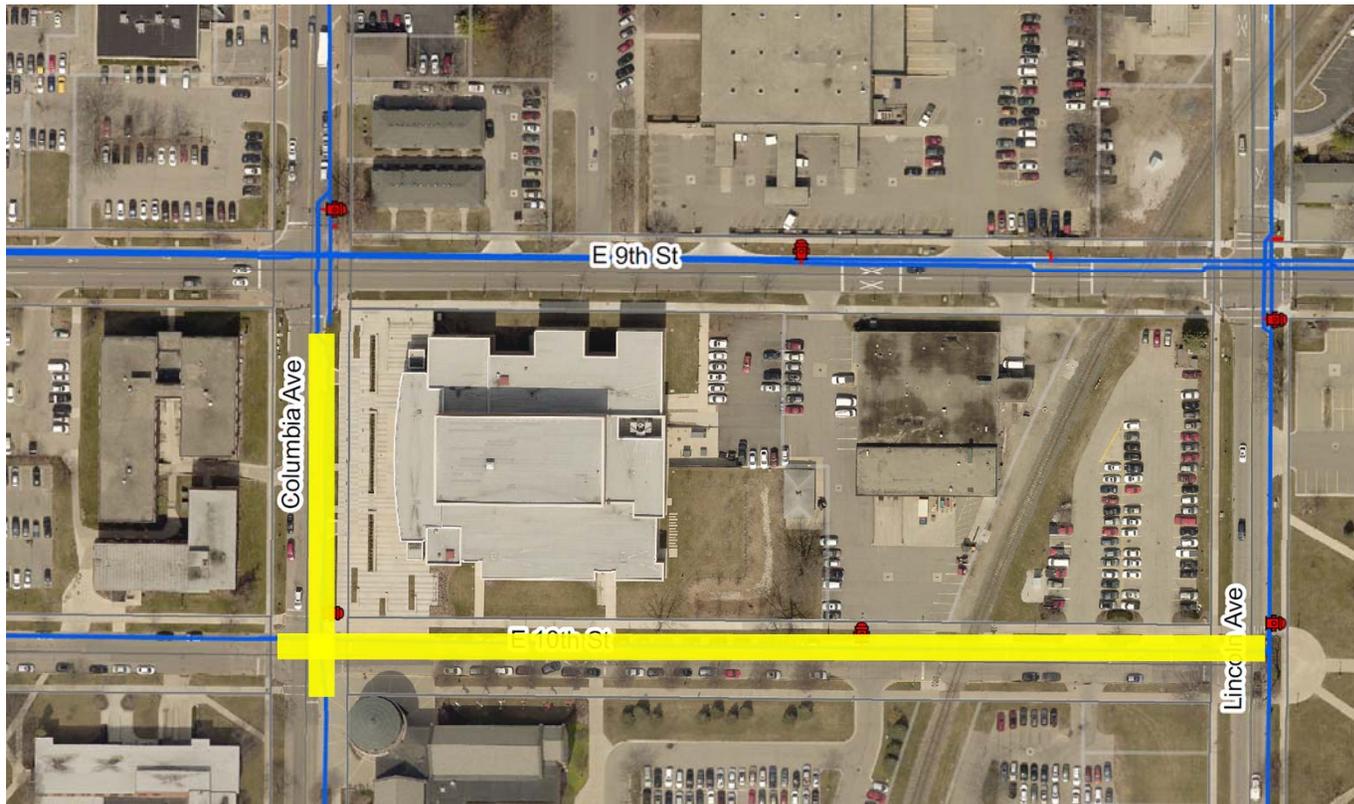
Overview of Scope:

- Utilities
 - Watermain (select locations)
 - Water Services (throughout – to replace old)
 - Sanitary Sewer (select locations)
 - Storm Sewer (select locations)
- Curb & Gutter
- Pavement
- Sidewalk
- Bike Facility
- Snowmelt

Sanitary Sewer Work – Central to Columbia



Watermain Work – 10th & Columbia



Water Service Work – Various Locations Throughout

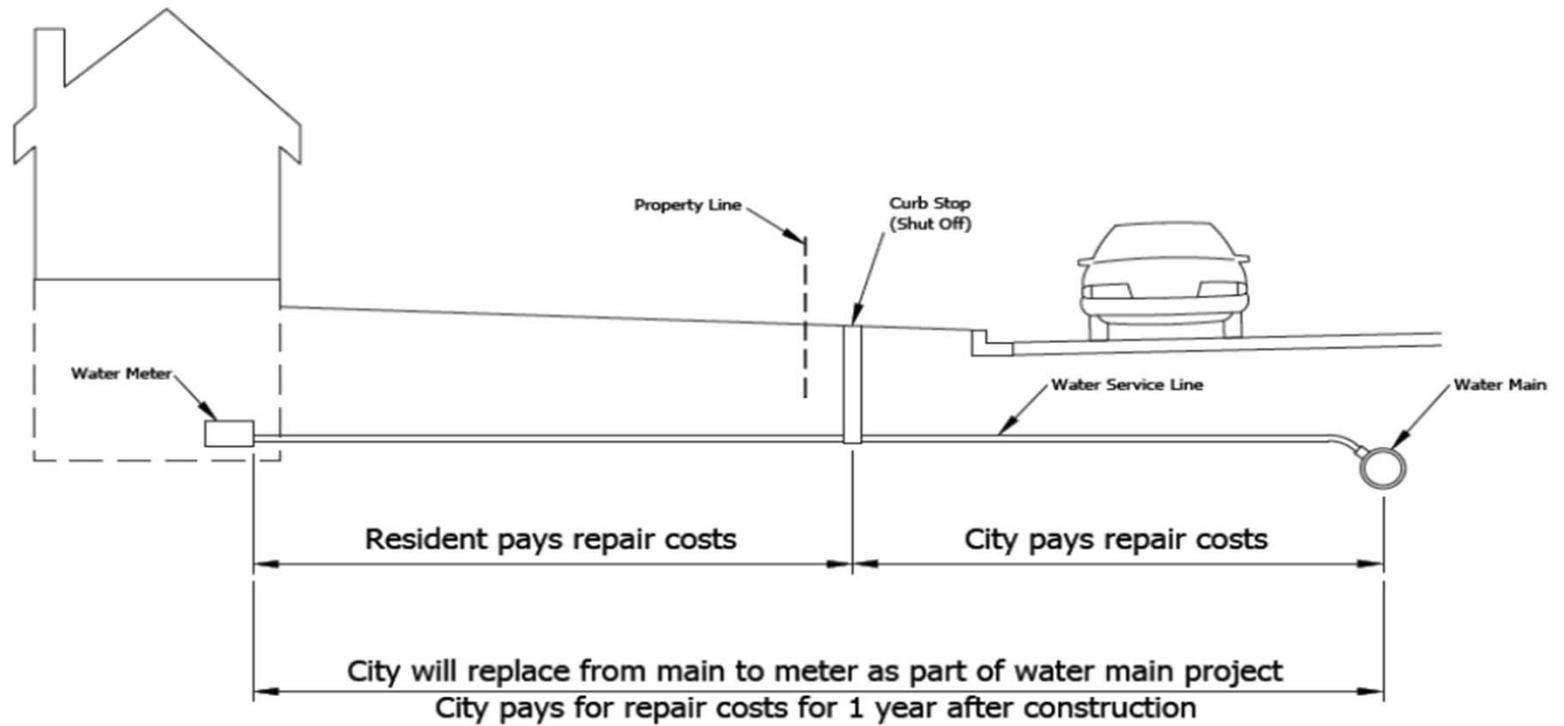




Water Service Replacement

- Revised Lead and Copper rule mandates BPW replacement of galvanized service from the main to the meter.
- Owner must agree to have the work completed
- Access to the home will be required at least twice to complete replacement.
- Water service may be relocated to facilitate replacement

Water Service Replacement



Storm Sewer / Sump Pump Connections

- Storm sewer work as-needed
- Sump pumps discharging ground water should pump to the Storm Sewer
- Sump pumps that are currently connected will be reconnected
- All driveways will have a PVC sleeve buried underneath for future connection to catch basins
- The Owner is responsible to build new connections to the catch basin

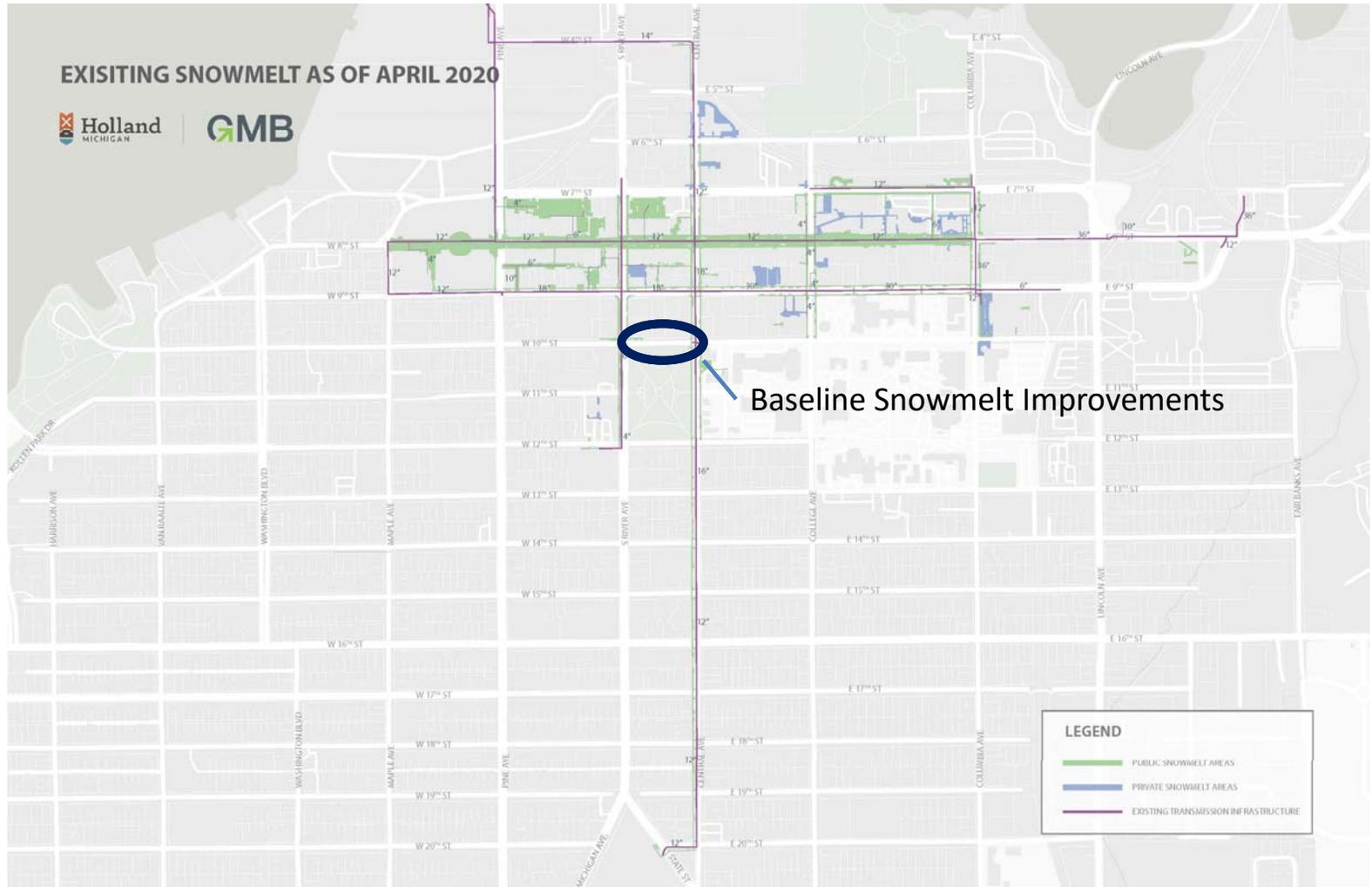


Non-Motorized Components:

- Sidewalk improvements as-needed
- Past Traffic Study of Downtown Traffic Identified 10th Street as Possible East/West Corridor
- 2006 City of Holland Bike & Pedestrian Plan Identified 10th Street as Possible East/West Corridor
- Evaluating Several Conceptual Sketches
- Related to overall community energy plan

Holland Snowmelt

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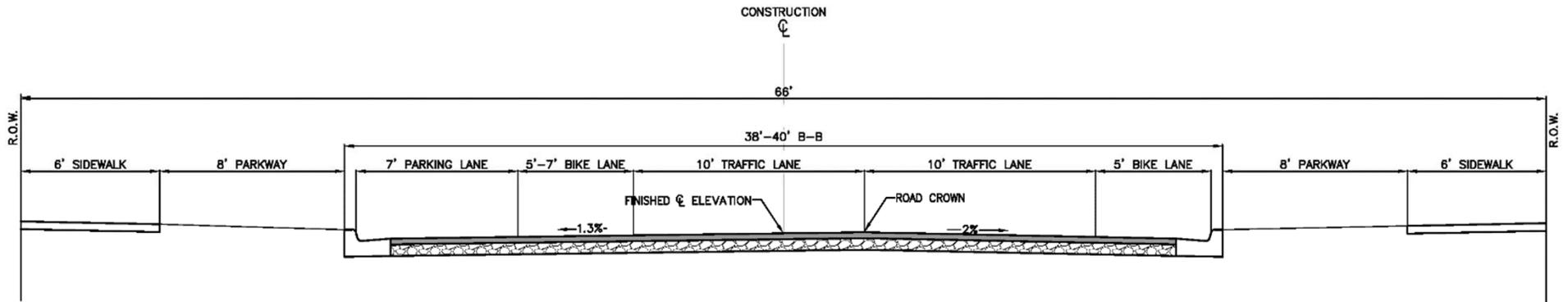




10th Street Concept Drawings:



Bike Lanes with On-street Parking on North Side



BIKE LANE & ONE-SIDED PARKING
TYPICAL SECTION



Bike Lanes with On-street Parking on North Side



omm engineering, inc.
 civil engineers/surveyors
 10000 E. Lincoln Ave., Suite 200
 Grand Rapids, MI 49512
 616-357-4350



DATE OF THIS LAYOUT	APPROVED BY	DATE	PROJECT NO.	SHEET NO.

HOLLAND DPW & CITY OF HOLLAND
 10TH STREET RECONSTRUCTION
 FROM VAN RAALTE AVE TO LINCOLN AVE

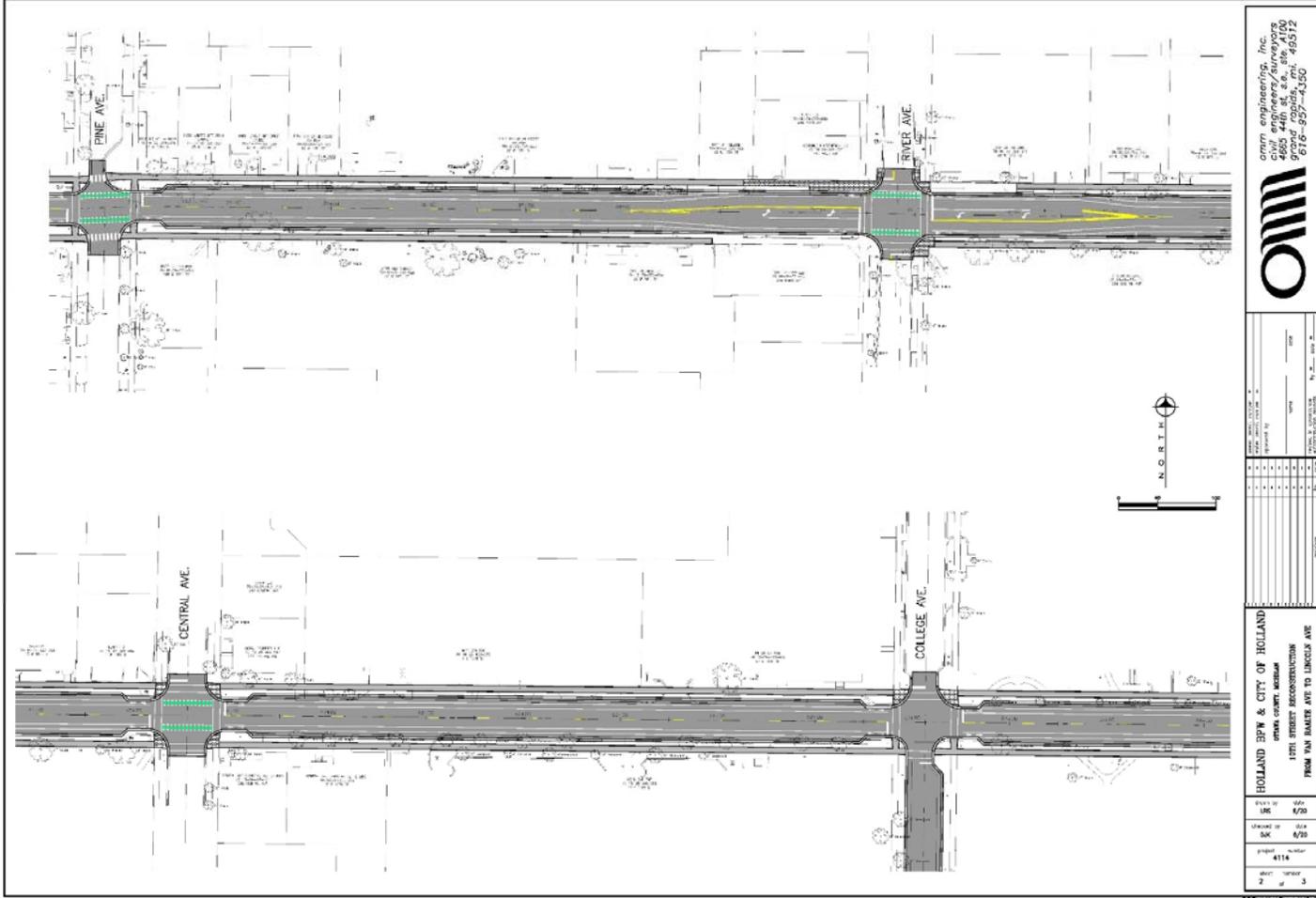
DESIGNED BY	DATE
CHECKED BY	DATE
PROJECT NUMBER	
4114	
SHEET NUMBER	
1	3

PRELIMINARY LAYOUT



Holland
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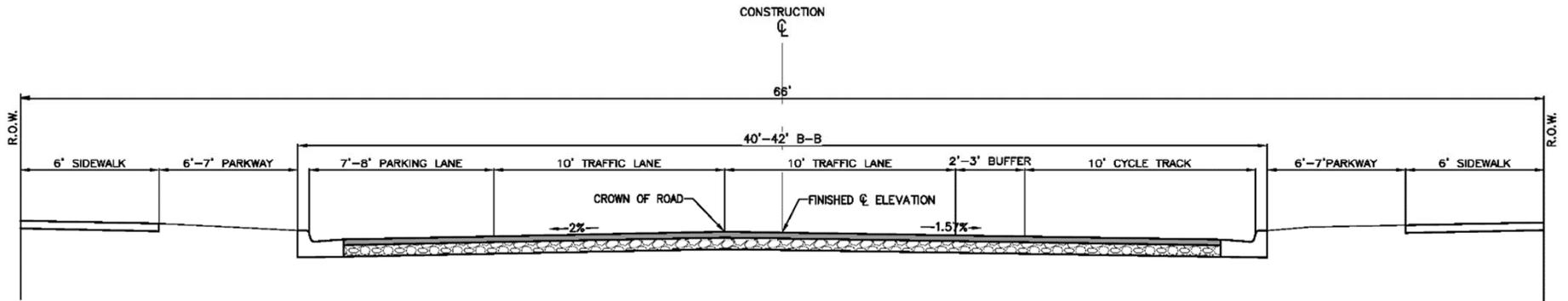
Bike Lanes with On-street Parking on North Side





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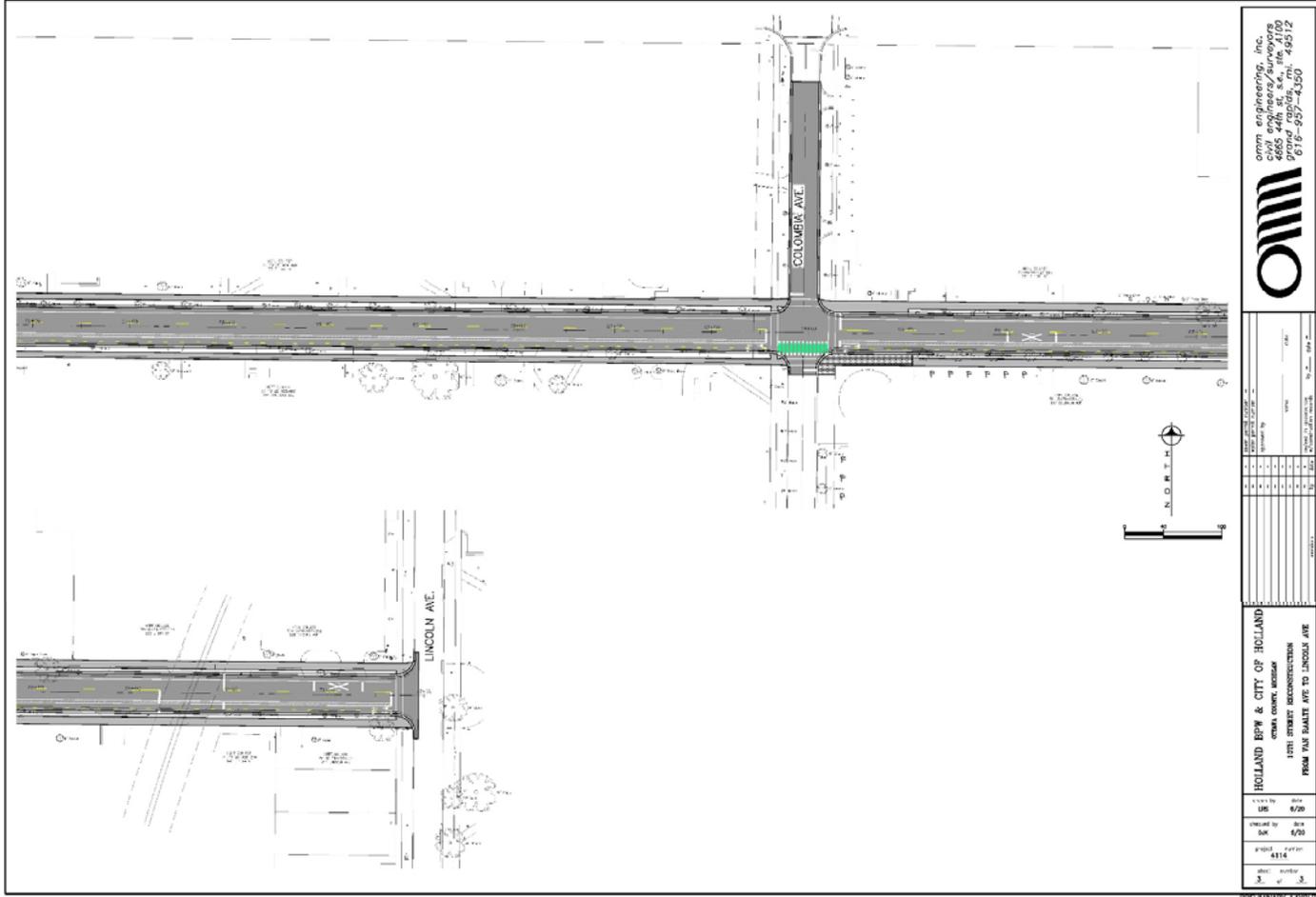
Cycle Track with On-street Parking on North Side



CYCLE TRACK TYPICAL SECTION



Cycle Track with On-street Parking on North Side

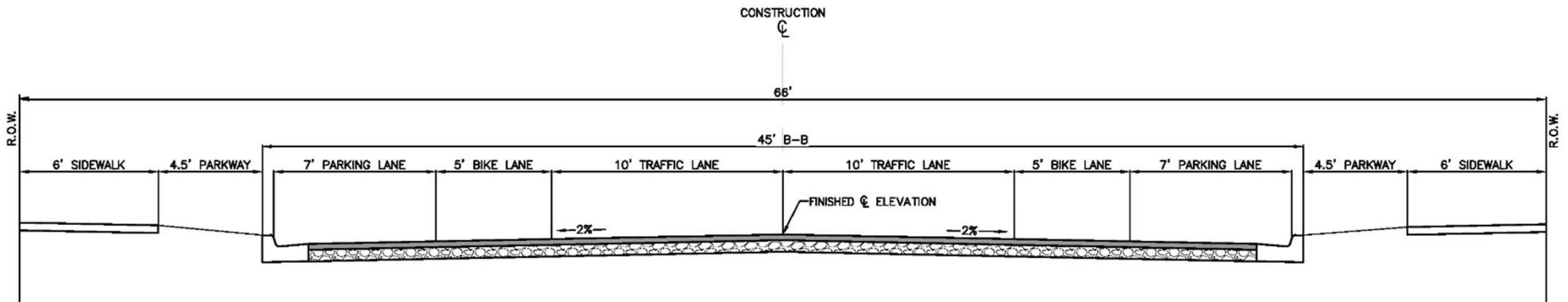



 OMM ENGINEERING, INC.
 CIVIL ENGINEERS/PLANNERS
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Bike Lanes & On-Street Parking on Both Sides



BIKE LANES AND PARKING
TYPICAL SECTION



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Bike Lanes & On-Street Parking on Both Sides



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 civil engineers/surveyors
 10000 Grand Rapids, MI 49512
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DATE PLOTTED	DATE	SCALE	BY	CHECKED

HOLLAND BFW & CITY OF HOLLAND
 OTTAWA COUNTY, MICHIGAN
10TH STREET RECONSTRUCTION
 FROM VAN HALBE AVE TO JEROME AVE

DESIGNED BY	DATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS

PRELIMINARY LAYOUT



Next Steps:

1. Compile Public Input (195 comments @ 3:00 p.m.)
2. Compile Relevant Reports
 - Tree Evaluation
 - Parking Study
 - Crash Analysis
 - Others
3. Further Evaluate Alternatives
4. Recommendation to Council
5. Council Approval of Alternative



Comments:

1. Room capacity limitations
2. Limit comments to 2 minutes each
3. State Name & Address for the record
4. Start with que outside
5. Once you are done with your comments please return to your spots
6. Read out virtual comments
7. After everyone has had an opportunity we'll close the meeting and remain for further one-on-one discussion