

UK Trunk Sewer Replacement Bolivar / Winslow / Euclid

Construction Overview

October 22, 2019



LEXINGTON

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LFUCG – Division of Water Quality*

This aerial map of the University Heights area in Cincinnati, Ohio, illustrates proposed utility projects. The map features a grid of streets, with major thoroughfares like W. Vine St., E. Vine St., and W. Woodward Ave. clearly visible. Three specific projects are highlighted with colored lines and callout boxes:

- UK Trunk C - Dig and Replace:** Indicated by a yellow line, this project runs along W. Woodward Ave. from the western edge of the map towards the center.
- UK Trunk D - Dig and Replace:** Indicated by a blue line, this project runs horizontally across the middle of the map, likely along W. College View Ave.
- UK Trunk E - Dig and Replace:** Indicated by a red line, this project runs horizontally across the middle of the map, likely along W. College View Ave.

The map also shows various landmarks, including the University Heights High School and the University Heights Community Center. The project areas are marked with colored lines and callout boxes, providing a clear visual representation of the planned work.

— Existing Sewer
— Major Roads
— Streets
— UK Trunk C
— UK Trunk D
— UK Trunk E



1 inch = 600 feet



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Consent Decree Required Schedule

RMP Implementation Plan - SSO Abatement Projects									
<small>All cost estimates are provided in U.S. 2015 dollars. February 2016</small>									
Sewer-shed	No.	Project Name	2018	2019	2020	2021	2022	2023	2024
			Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11
Town Branch	6	UK Trunk C							
	7	UK Trunk D							
	8	UK Trunk E							

Existing UK Trunk Sewer

- Constructed in 1934 as the 'Southern District Relief Sewer'
- Sewers located:
 - Under UK Performing Arts Building
 - Under several houses



Existing UK Trunk Sewer

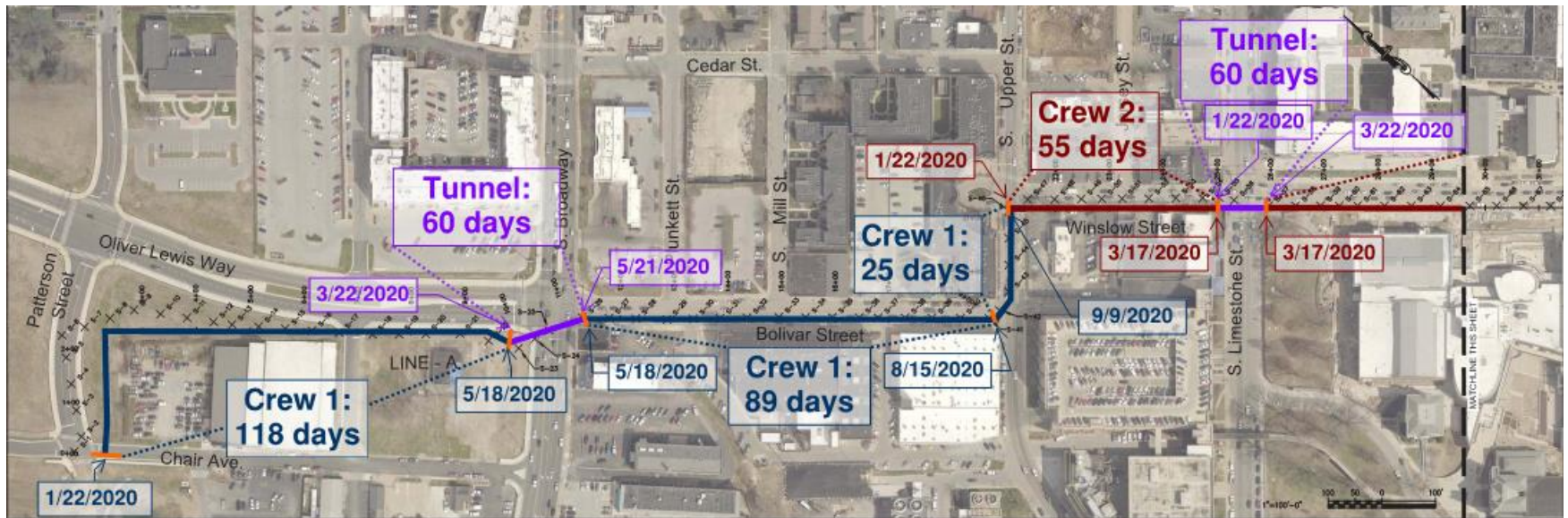
- Sewer is 85 years old
- Sewer is broken
- Sewer is inaccessible



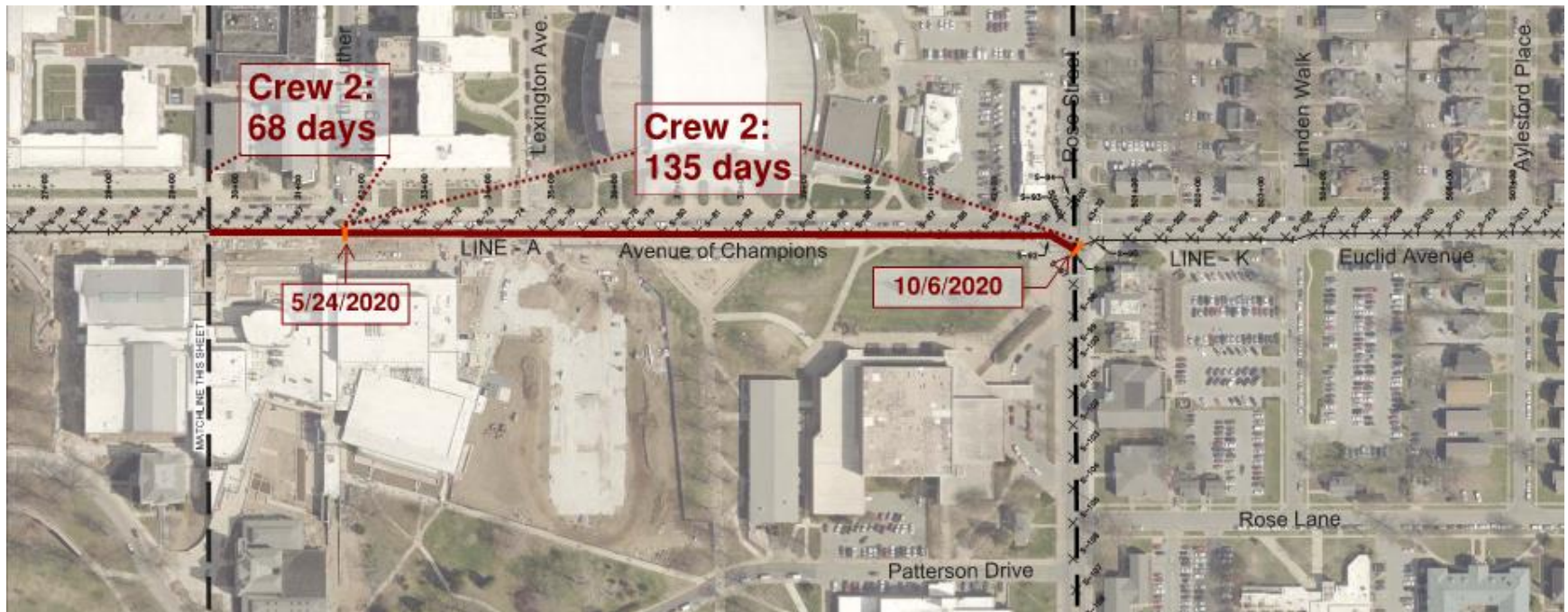
Two Crew Projected Overview

- Projections for construction of a 2 mile sewer:
 - Anticipated 5 day work week
 - Anticipated 2 crew minimum
 - Estimated 12 feet per day production
 - Anticipated start date of January 22, 2020

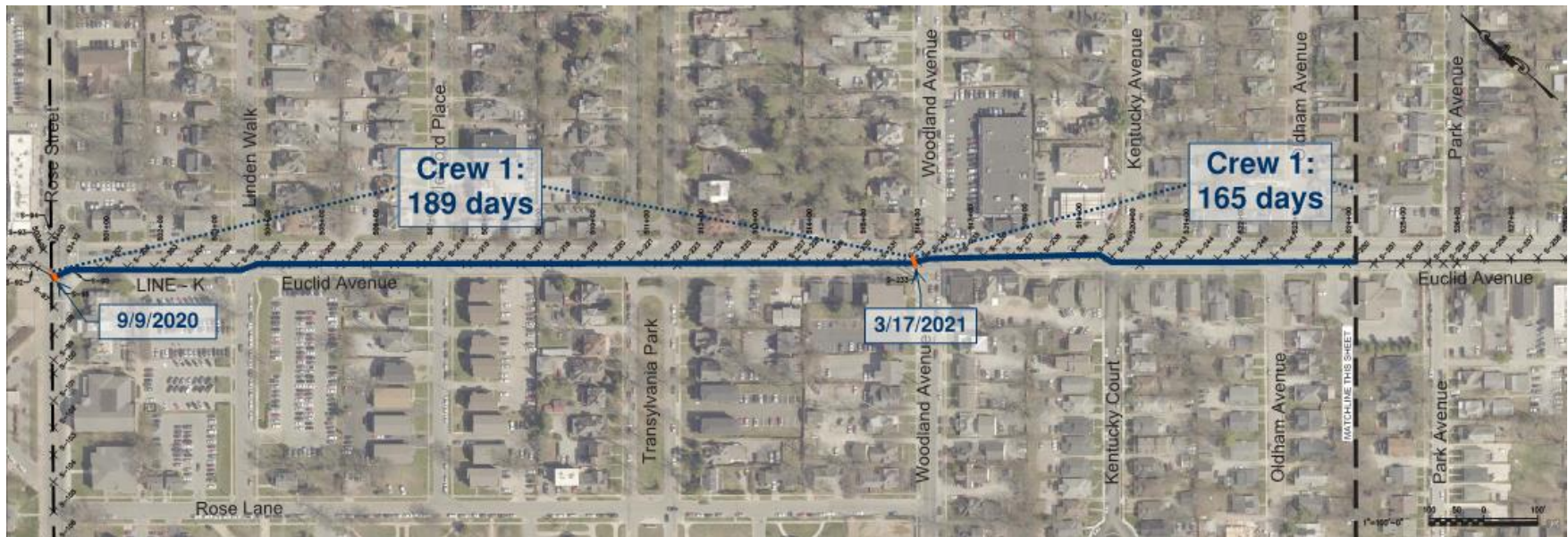
Two Crew Projected Overview



Two Crew Projected Overview



Two Crew Projected Overview



Two Crew Projected Overview



Segment 1 – Bore under Limestone Steet

Start	Finish
1/22/2020	3/22/2020

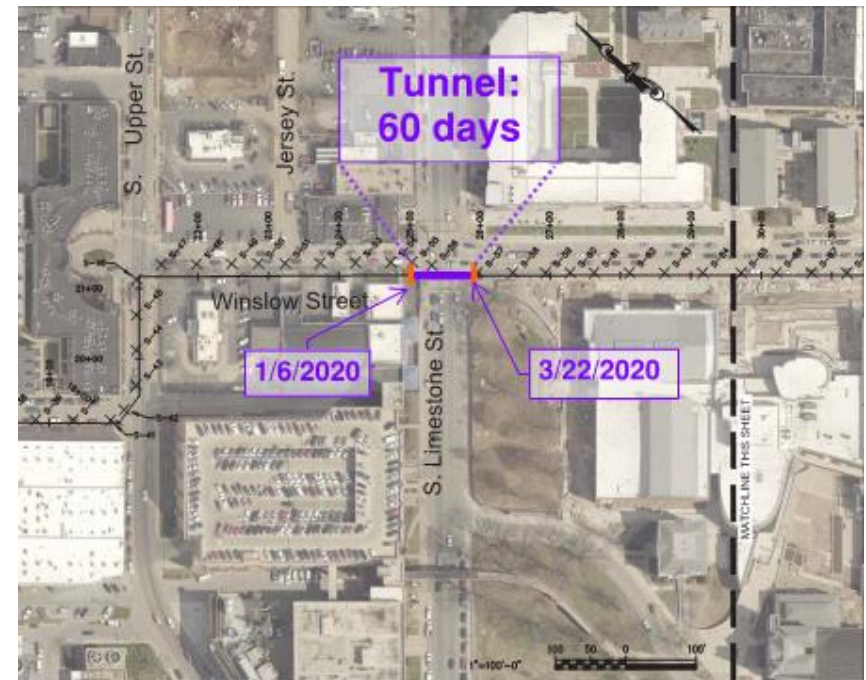
Traffic Impact

Winslow Street

- One Lane Traffic
- Left Lane & South Sidewalk Closed

Avenue of Champions

- One Way Traffic (towards Winslow)
- Southbound Lane & Sidewalk Closed



Segment 2 – Patterson St. to S. Broadway

Start	Finish
1/22/2020	5/18/2020

Traffic Impact

Chair Avenue

- Limited Road Closures

Emmaline Lane

- Limited Road Closures



Segment 3 – Winslow Street

Start	Finish
1/22/2020	3/17/2020

Traffic Impact
Winslow Street <ul style="list-style-type: none">• One Lane Traffic• Left Lane & Sidewalk Closed



Segment 4 – Bore under S. Broadway

Start	Finish
3/22/2020	5/21/2020

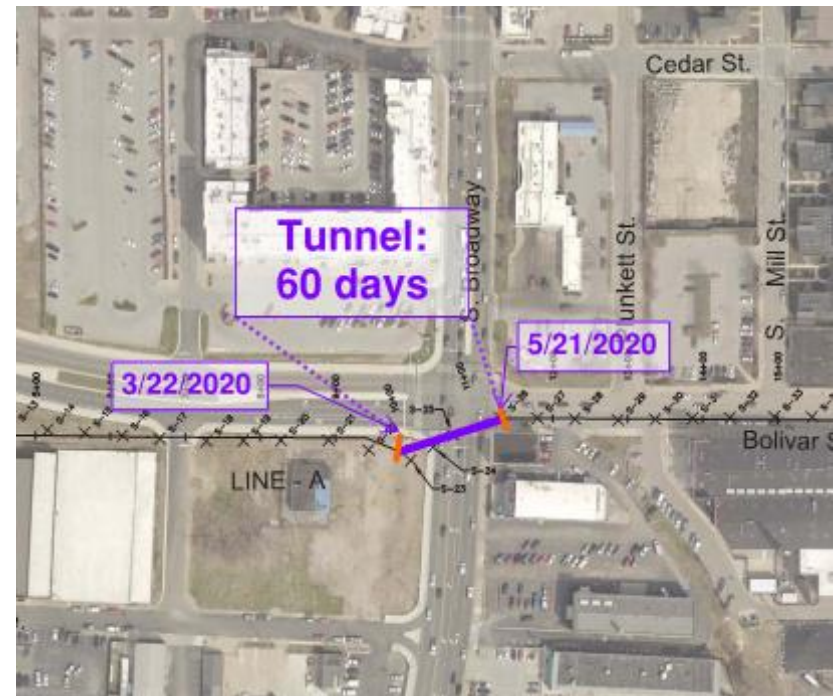
Traffic Impact

Oliver Lewis Way

- Lanes Closed to force left or right turn only

Bolivar Street

- One way traffic (towards Oliver Lewis Way)
- Lane Closed
- South Sidewalk Closed



Segment 5 – Bolivar Street

Start	Finish
5/18/2020	8/15/2020

Traffic Impact

Bolivar Street

- One Way Traffic (towards Oliver Lewis Way)
- Left Lane Closed
- Southside Sidewalk Closed



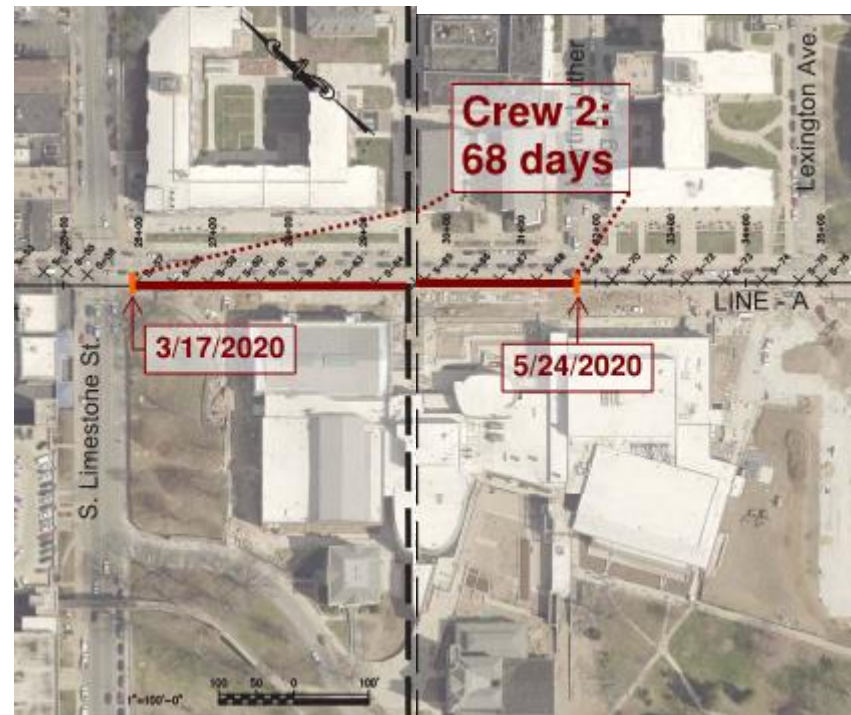
Segment 6 – Avenue of Champions

Start	Finish
3/17/2020	5/24/2020

Traffic Impact

Avenue of Champions

- One Way Traffic (towards Limestone)
- Rolling Southbound Lane & Sidewalk Closures



Segment 7 – South Upper Street

Start	Finish
8/15/2020	9/9/2020

Traffic Impact

S. Upper Street

- One Lane Traffic
- Right Lane Closed

Bolivar Street

- Limited Lane Closures for first 50 ft.
- Left Lane Impacted



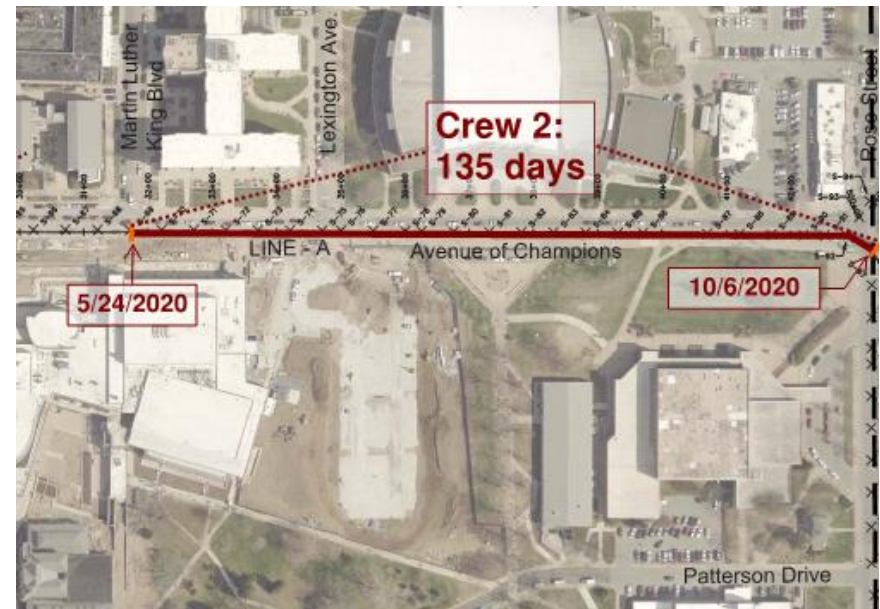
Segment 8 – Avenue of Champions

Start	Finish
5/24/2020	10/6/2020

Traffic Impact

Avenue of Champions

- One Way Traffic (towards Limestone)
- Rolling Southbound Lane & Sidewalk Closures



Segment 9 – Euclid Ave.

Start	Finish
9/9/2020	3/17/2021

Traffic Impact

Euclid Avenue

- Southbound Lane Closed
- Center Turn Lane to be utilized for Southbound traffic
- Maintain two way traffic at all times



Segment 10 – Euclid Ave.

Start	Finish
3/17/2021	8/30/2021

Traffic Impact

Euclid Avenue – Woodland Avenue to Kentucky Court

- Center Turn Lane Closed
- Maintain two way traffic at all times

Euclid Avenue – Kentucky Court to Marquis Avenue

- Southbound Lane Closed
- Center Turn Lane to be utilized for Southbound traffic
- Maintain two way traffic at all times



Segment 11 – Euclid Ave.

Start	Finish ⁸
8/30/2021	1/21/2022

Traffic Impact

Euclid Avenue – Marquis to High Street

- Southbound Lane Closed
- Center Turn Lane to be utilized for Southbound traffic
- Maintain two way traffic at all times

High Street

- Southbound Lane Closed
- Center Turn Lane to be utilized for Southbound traffic
- Maintain two way traffic at all times



Project Details

- Projected Completion Date
 - January 21, 2022
 - Blackout Dates Likely
- Risks
 - Traffic impacts
 - Pedestrian impacts
 - Effective Communication
- Bid Opening - today



QUESTIONS