



Chambers Road Widening: E. 105th Avenue to E. 116th Avenue Design

Public Works Capital Investment Program 2022-17-PW

12/16/2024

Purpose and Need

- Chambers Road from E. 105th to E. 116th Avenues was identified in the Transportation Plan (2010) as a recommended widening to provide capacity improvements while enhancing motorist, bicyclist, and pedestrian safety.

The public improvements for this project will include:

- Roadway widening accommodating two through lanes in each direction to include a center raised median, necessary turn lanes, curb and gutter, sidewalk and trail with associated sign and signal upgrades.
- A new bridge spanning over Second Creek designed to convey a 100-year flood event.
- A pedestrian underpass near 104th Avenue to allow pedestrians to easily access Second Creek Trail.
- Drainage, landscaping, and lighting.

Overview

- Project Site Map
- Proposal Process
- Responsible Proposal / Design Cost
- Funding
- Next Steps

Project Location



Proposal Process

- RFP released on May 5, 2023
- Three proposals were received
- Staff reviewed proposals and held interviews
- Martin/Martin rated by staff as the preferred Consultant

Proposal Design Cost

<i>Chambers Road Widening E. 105th Avenue to E. 116th Avenue</i>	
<i>Martin / Martin, Inc.</i>	
Task 1 Data Collection	\$ 328,934.60
Task 2 Preliminary Design (FIR)	\$ 458,963.50
Task 3 Final Design (FOR)	\$ 622,125.10
Design Tasks 1-3 Sub-Total	\$ 1,410,023.20
Task 4 Additional Design Services	\$ 283,580.00
Task 5 Construction Design Support Services	\$ 62,160.00
All Tasks Design & Construction Support Total	\$ 1,755,763.20
Design Contingency (5%)	\$ 94,236.80
Total Professional Services Contract Amount	\$ 1,850,000.00

Funding

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Available Funding Source for Project Design & Acquiring ROW
 Cinderella Bond Program
 Funding Acct # 395-15-750-317 → \$3,340,000.00



Next Steps

- 1) Council approval by Resolution for award of the design services.
- 2) Negotiate final contract with Martin/Martin, Inc., execute contract, and issue a Notice to Proceed.
- 3) Design of roadway will commence in Q4 of 2024 and construction plans will be completed in Q3 of 2025. ROW acquisition will occur in that same timeframe, by Q3 of 2025 and may extend into Q4 of 2025.
- 4) Construction is not currently fully funded and estimated to cost \$31.5M. Staff was awarded \$4.1M from CDS and will seek additional grant funding for construction of the project.



Discussion

