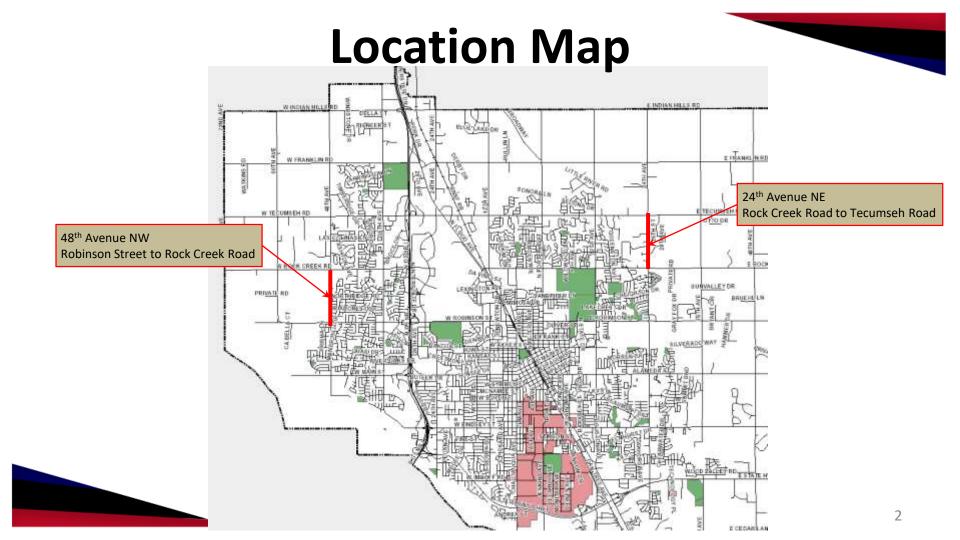
## 48<sup>th</sup> Avenue NW and 24<sup>th</sup> Avenue NE Proposed Design Changes Community Planning & Transportation Committee April 24, 2025





# Background

- Two roadway segments in the 2019 Transportation Bond Projects package, 48<sup>th</sup> Avenue NW-Robinson Street to Rock Creek Road and 24<sup>th</sup> Avenue NE-Rock Creek Road to Tecumseh Road, are scheduled to be constructed.
- During the design analysis of these two projects, physical constraints, construction cost increases, and developmental patterns in the area have warranted a re-evaluation of the expansion of these two roadway segments.
- Upon detailed design evaluation, staff proposes changing the roadway designs from what was previously presented in the 2019 Transportation Bond Project descriptions.
- Decreasing the proposed lanes will still meet the intent of the original projects and render a more constructible design within the site constraints while reducing costs.
- The proposed designs will still provide improved levels of service in these areas over existing conditions.

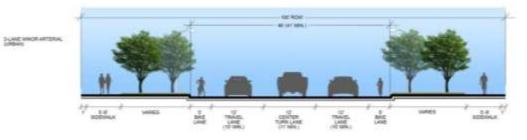


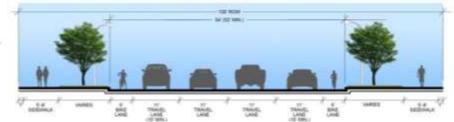


## **CTP Typical Sections**

#### Minor Arterials, Urban







NAME OF COLORANT (STALL)

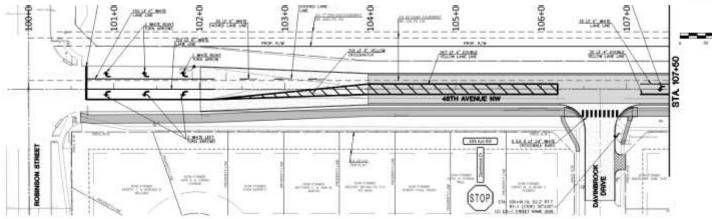


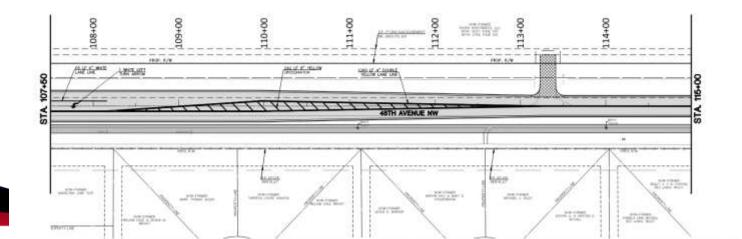


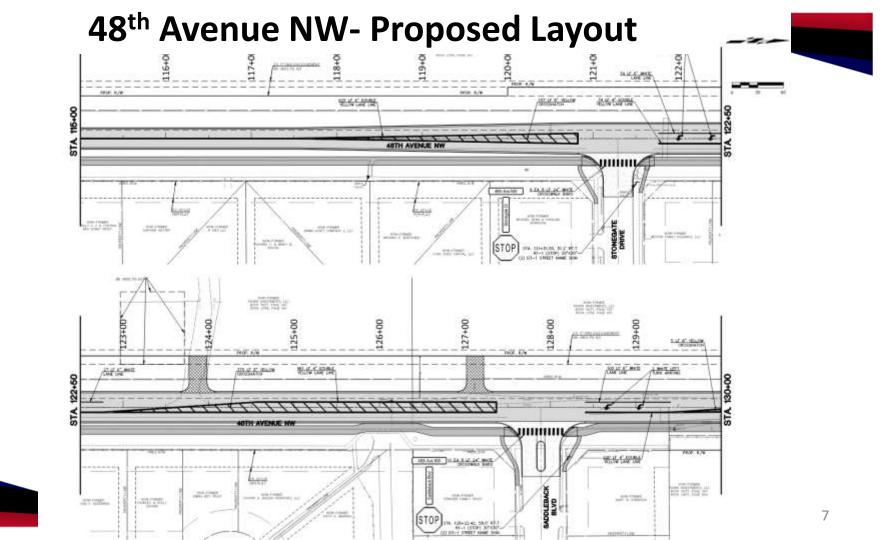
### 48th Avenue NW - Robinson to Rock Creek

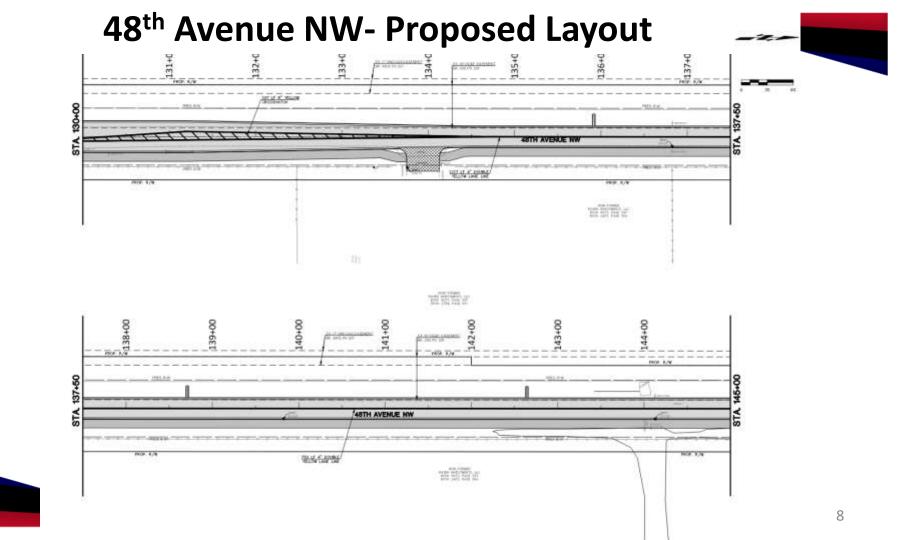
- 2019 Transportation Bond Project description calls for a 3-lane roadway with on-street bike lanes
- ADT is 4200 VPD, which is consistent with a 3-lane configuration
- East side is mostly developed or floodplain
- West side is floodplain resulting in the need to reduce roadway fill and offsetting fill with compensatory storage
- Lack of development opportunities within project limits reduces the need for full 3-lane roadway
- Recommendations include constructing two-lane roadway with center left-turn lanes at major entrances and replacing on-street bike lanes with 10' wide multimodal trail on east side
  - Minimizes footprint and consistent with intent of project
  - Additional widening could be done by developer if/when additional development occurs

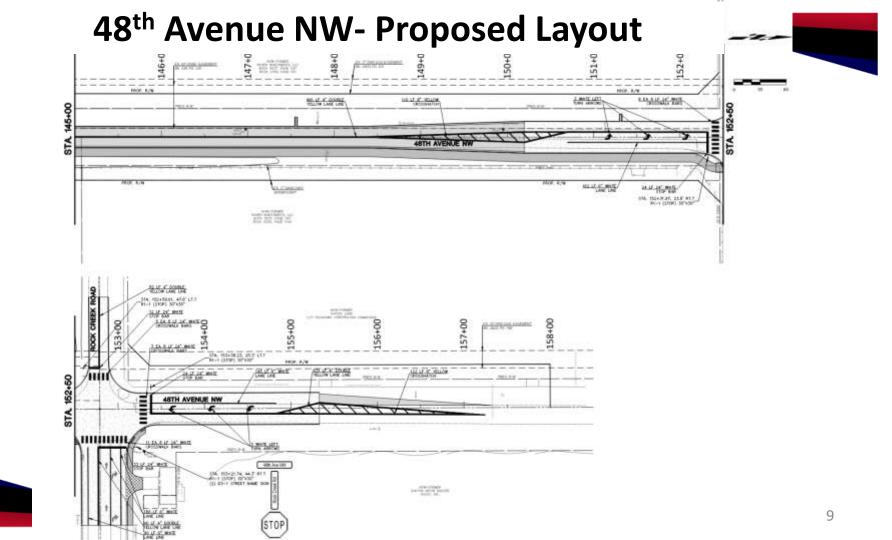














### 24<sup>th</sup> Avenue NE - Rock Creek to Tecumseh

- 2019 Transportation Bond Project description showed a 4-lane roadway with on-street bike lanes
- ADT is 3800 VPD so 4-lane not warranted at this time
- Costly utility relocations in private easements (OG&E) can be minimized/avoided with proposed design
- Multiple large acreage residential parcels reduce development potential in the area and the need for 4-lane
- MPDG Grant feedback stated that the project would rank higher if 3-lane due to increased benefit to cost ratio
- Suggest changing design from 4-lane to 3-lane with 10' multi-use path

# DISCUSSION QUESTIONS COMMENTS

