



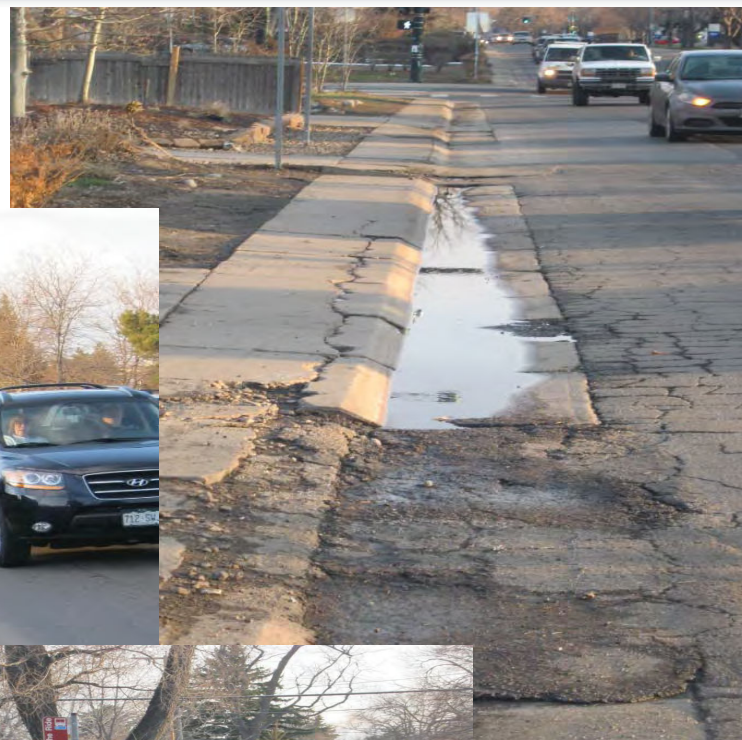
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BR16-0505

Approves a \$4,195,500 five-year agreement with Tsiouvaras Simmons Holderness, Inc. to provide environmental compliance through the National Environmental Policy Act (NEPA) process, engineering design, right-of-way mapping and construction support services for multimodal improvements to **Quebec Street** from **13th** to **26th** Avenues in Council Districts 5 and 8 (201628915).

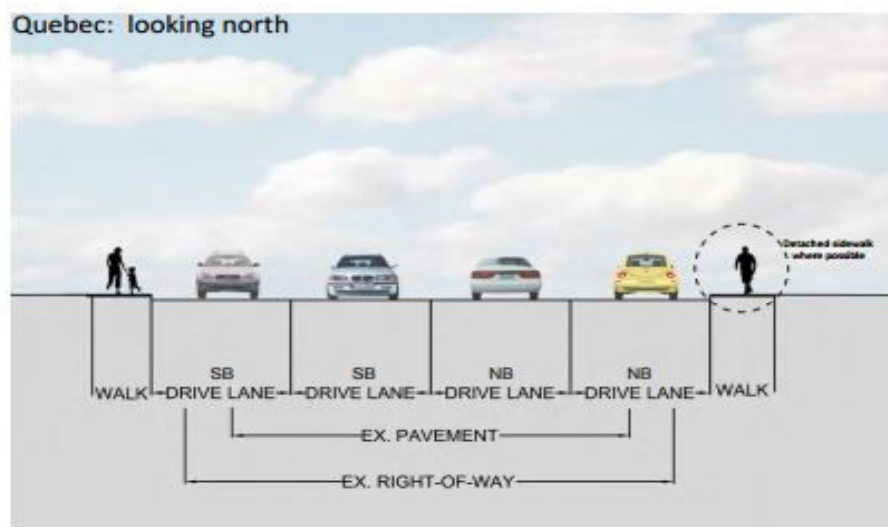
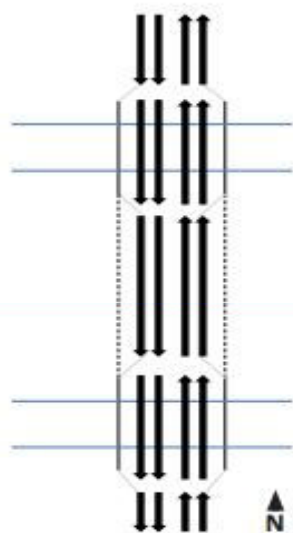
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- Primarily two lanes with few turn lanes at intersections.
- Four of ten intersections function at poor Level of Service in peak hours.
- Discontinuous sidewalks and no bicycle or bus lanes.
- Travel times:
 - Existing conditions (2012): 8.8 minutes
 - No Action (2022): 13.3 minutes



- Strategic Transportation Plan (2008)
- East Side Mobility Plan (2010)
- Quebec Alternatives Analysis (2015)
 - Identified 4-lane Context-Sensitive approach from 6th to 26th as Preferred Option.
 - First phase would be 13th to 26th to include the three worst-functioning intersections.
 - Syracuse St. bike lanes also recommended.

Proposed Design Quebec St. from 13th to 26th



Reconfigure Quebec: 4-Lane

This alternative would optimize vehicular flow through intersections by adding turn lanes and through lanes. Between intersections, the cross-section would increase to four lanes (two lanes in each direction).



Federal Funding through the DRCOG 2016-2021 Transportation Improvement Program (TIP)

- Funding from USDOT → CDOT → DRCOG
- Denver competed with 54 other jurisdictions for approximately \$200M over 4 years
- Denver received \$40M for five projects, including Quebec Street (13th to 26th St.).
- Quebec St. received \$11.5M, matched with \$11.5M local = \$23M

Title: **Quebec St Operational Improvements: 13th Ave to 26th Ave**

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TIP-ID: 2016-023

STIP-ID:

Open to Public: 2020

Project Scope

This project constructs additional lanes and other operational improvements on Quebec St from south of 13th Ave to 26th Ave and will include the following:

- One additional lane in each direction from 13th Ave to Montview Blvd
- One additional northbound lane from Montview Blvd to 23rd Ave
- Receiving and/or turning lanes at intersections of 13th Ave, 14th Ave, Colfax Ave, 17th Ave, Montview, and E. 23rd Ave
- A continuous 5 ft sidewalk facility with a 3 ft buffer
- New concrete bus pads, transit amenities, and bike parking
- New or improved traffic signal interconnection and ITS infrastructure

Affected Municipality(ies)

Affected County(ies)

Project Phases

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Year	Phase
2016	Initiate Environmental
2017	Initiate Design
2018	Initiate ROW
2019	Initiate Construction



Quebec TIP Project

Three project phases:

Phase 1 (2016 -17)

- National Environmental Policy Act (NEPA)
- Preliminary Design
- Preliminary ROW Mapping

Phase 2 (2018 - 2019)

- Final Design
- Final ROW Mapping
- ROW Acquisition
- Advertise for bid by Sept. 30, 2019 per DRCOG requirements

Phase 3 (2020 – 2021)

- Construction

- Federal funds trigger NEPA compliance
- Robust public involvement program
- Steps include:
 - Confirm/update previous alternatives
 - DRCOG 2040 Travel Model
 - New CDOT Noise Model
 - Evaluate smaller range of alternatives based on previous studies
 - Identify Preferred Alternative
 - Prepare NEPA decision document (likely EA/EONSI)

- Followed federally-compliant selection process.
- Selected TSH team as the overall “best fit”.
 - Subconsultants for specialty areas (NEPA, engineering design, utilities, ROW, PI, etc.)
- IGA with CDOT signed on July 1, 2016.
- Approximately 18-months per Phase

- Separate PW bicycle project on Syracuse will alleviate need for bike lanes on Quebec.
- Coordination with RTD, CDOT/FHWA on Quebec NEPA and design.
- Public involvement program to provide input and opinions.
- Continued coordination with City Council on findings and conclusions.



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