



Sarnia Road Widening Wonderland Road North to Sleightholme Avenue Class Environmental Assessment and Preliminary Design



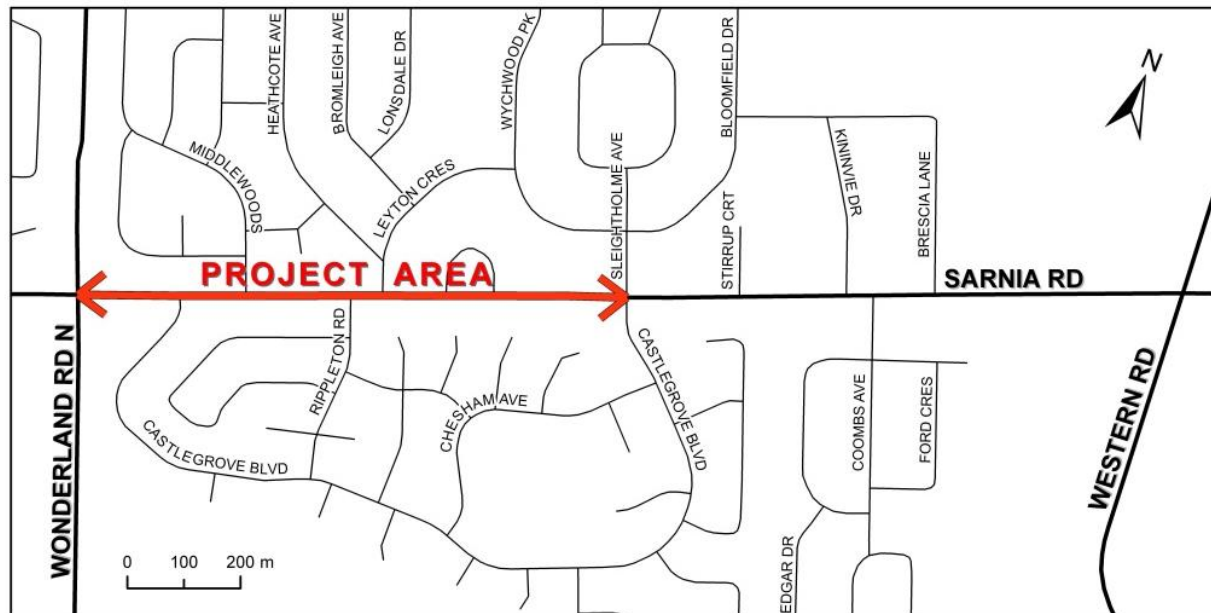
April 22, 2013
Civic Works Committee Presentation

Transportation Planning and Design



Project Description

- Schedule C Class Environmental Assessment
- Identify preferred design for widening from 3 to 4 through lanes
- Project need identified in 2004 and Smart Moves Transportation Master Plans
- Three public meetings held





Recommended Alternative

- Widening to four through lanes
- Cycling lanes
- Sidewalks and street lighting
- Removing channellized right-turn lanes at Wonderland to improve pedestrian safety
- Left-turn restrictions at Leyton Cres and Castlegrove Blvd (west)
- Intersection Pedestrian Signal
- Cost estimate - \$8.2 Million

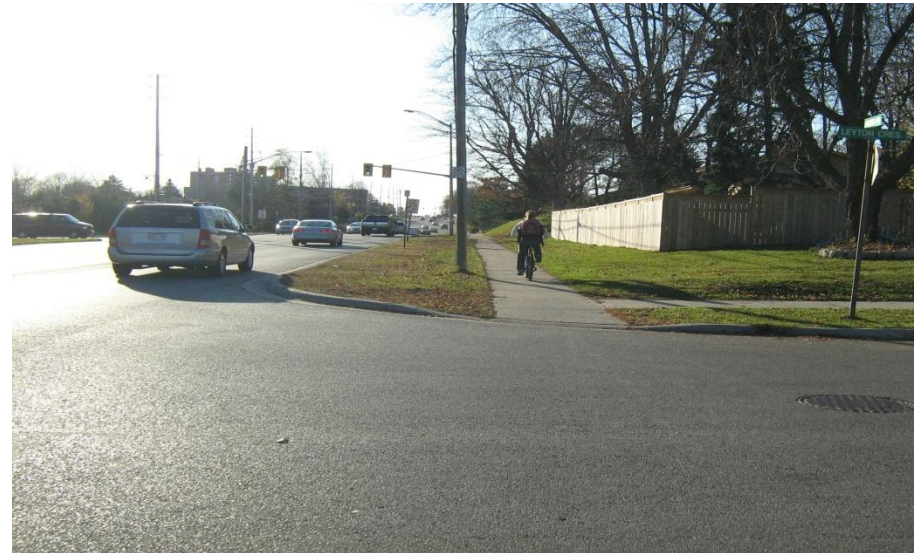




Environmental Assessment Issues

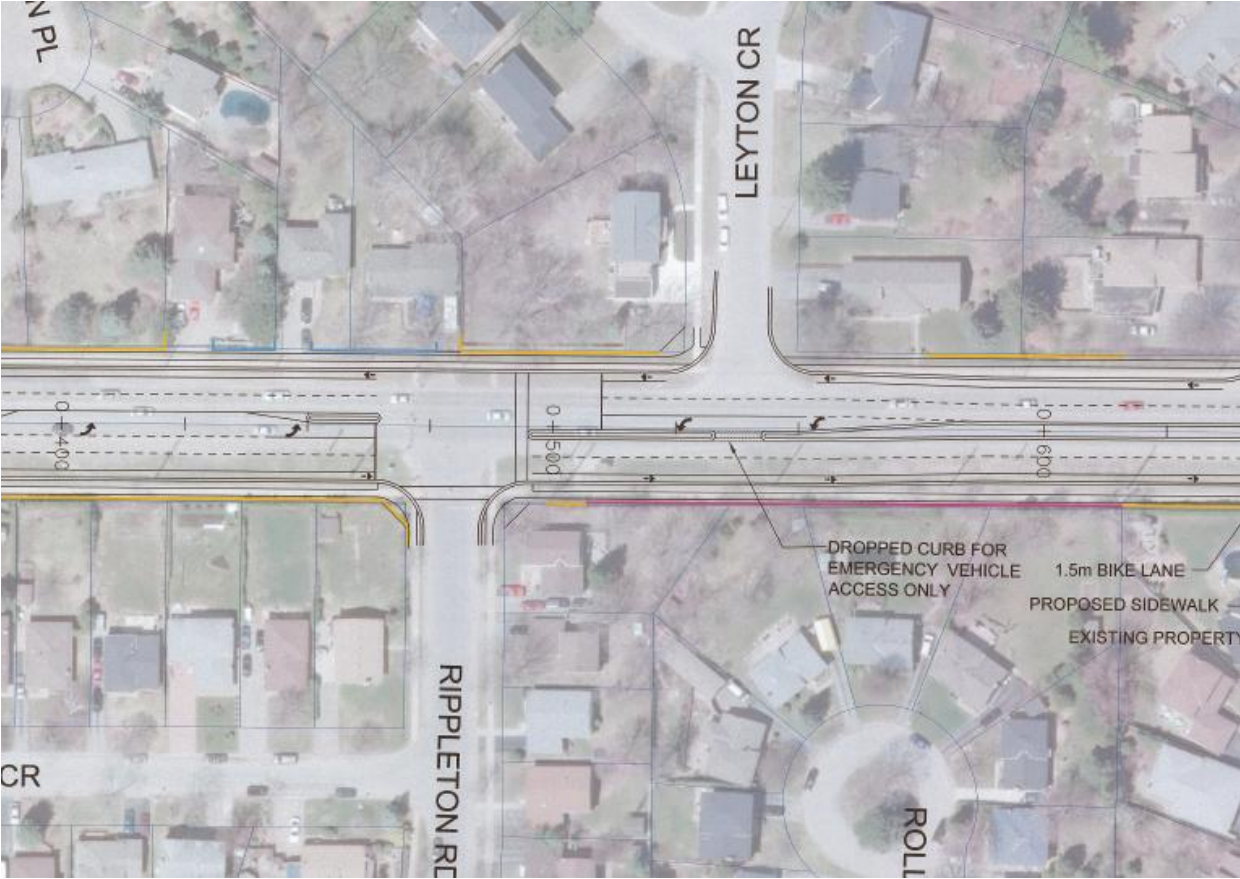
Right-in/right-out at Leyton Crescent:

- Required due to safety reasons
- Cannot safely provide a left turn lane for Rippleton Road and Leyton Crescent
- Rippleton Road has higher turning volumes and longer alternate routes
- Sleightholme Ave signalized intersection is a safer alternative with minimal out-of-the-way travel
- 10 additional options
- Expanded mail-out area
- Additional public meeting to review
- Design revised based on input to accommodate emergency vehicles



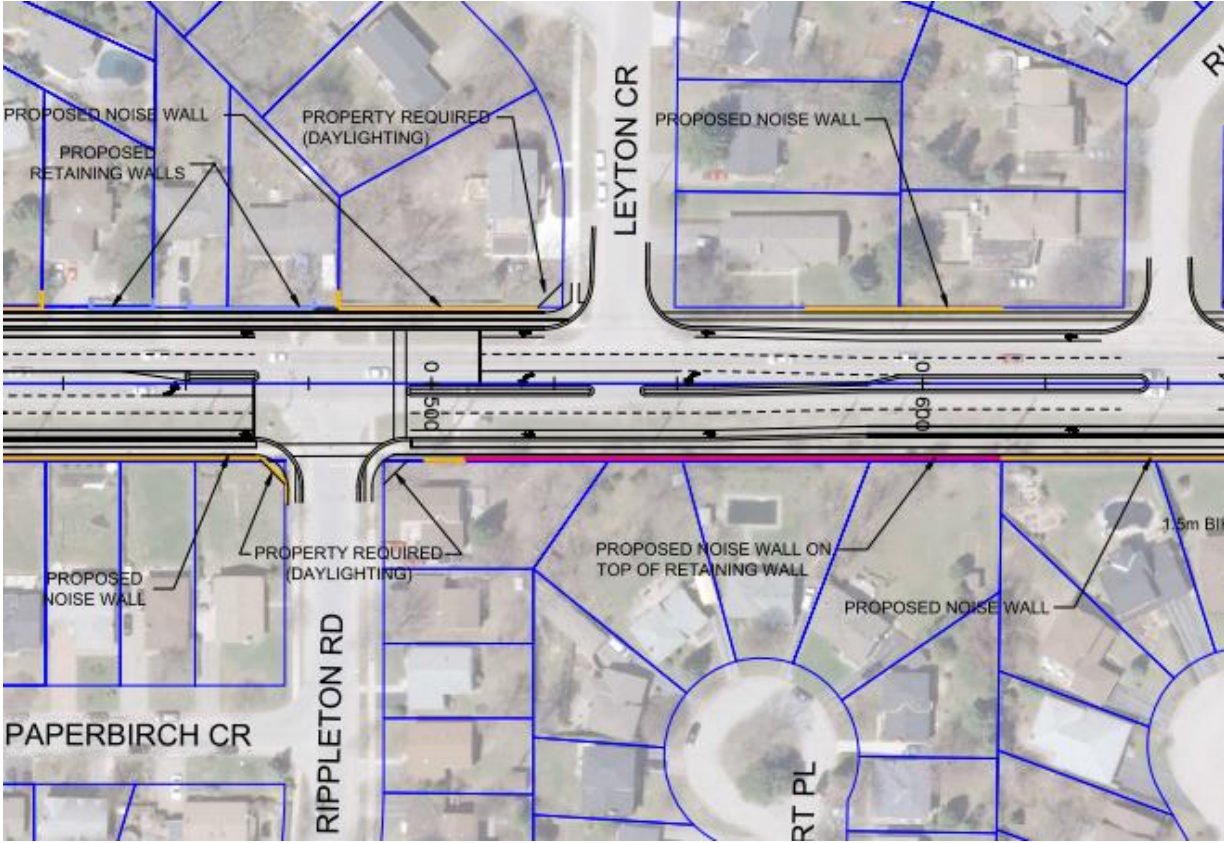


Recommended Alternative



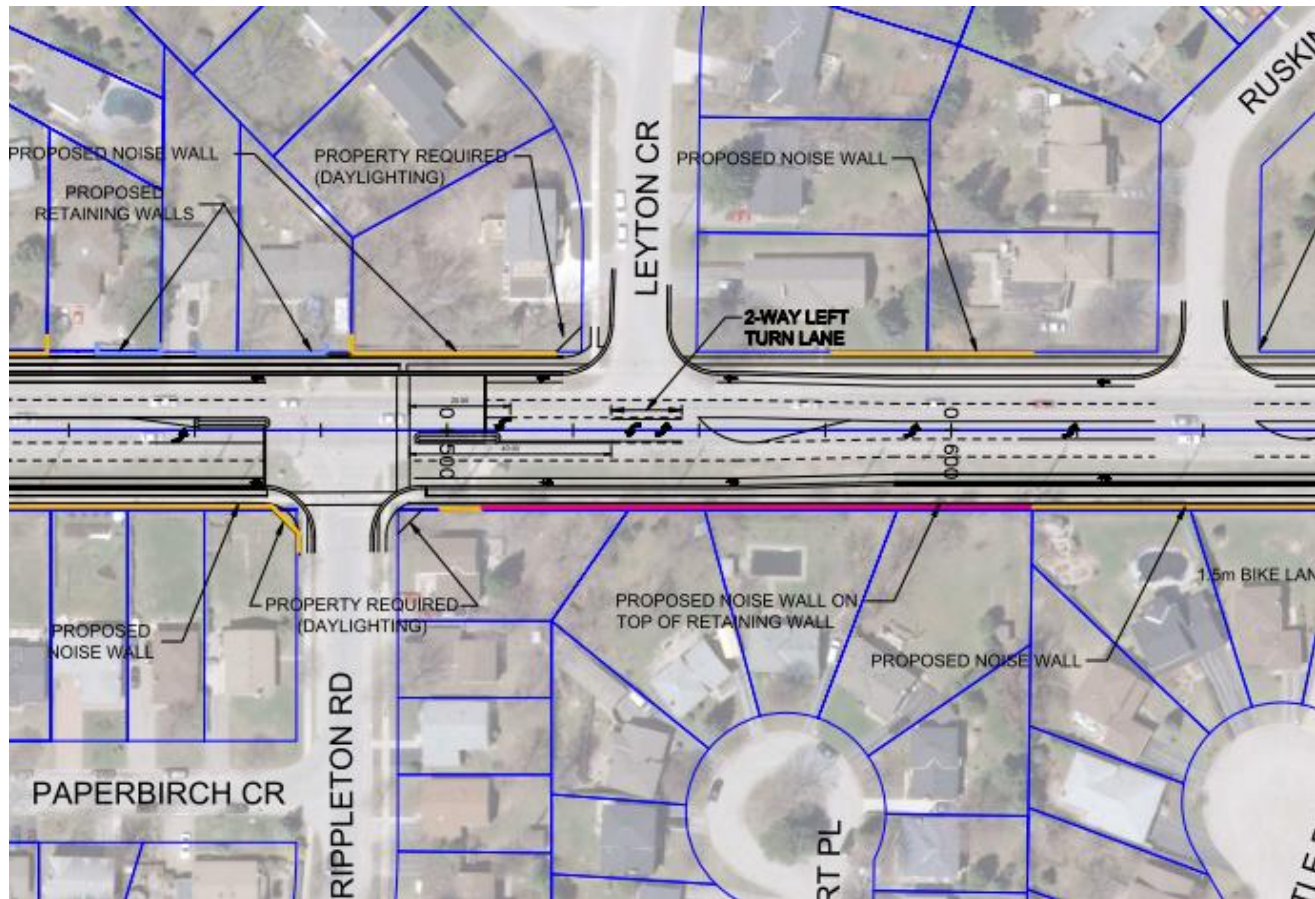


Alternative: Allow Left Turns from Through Lane



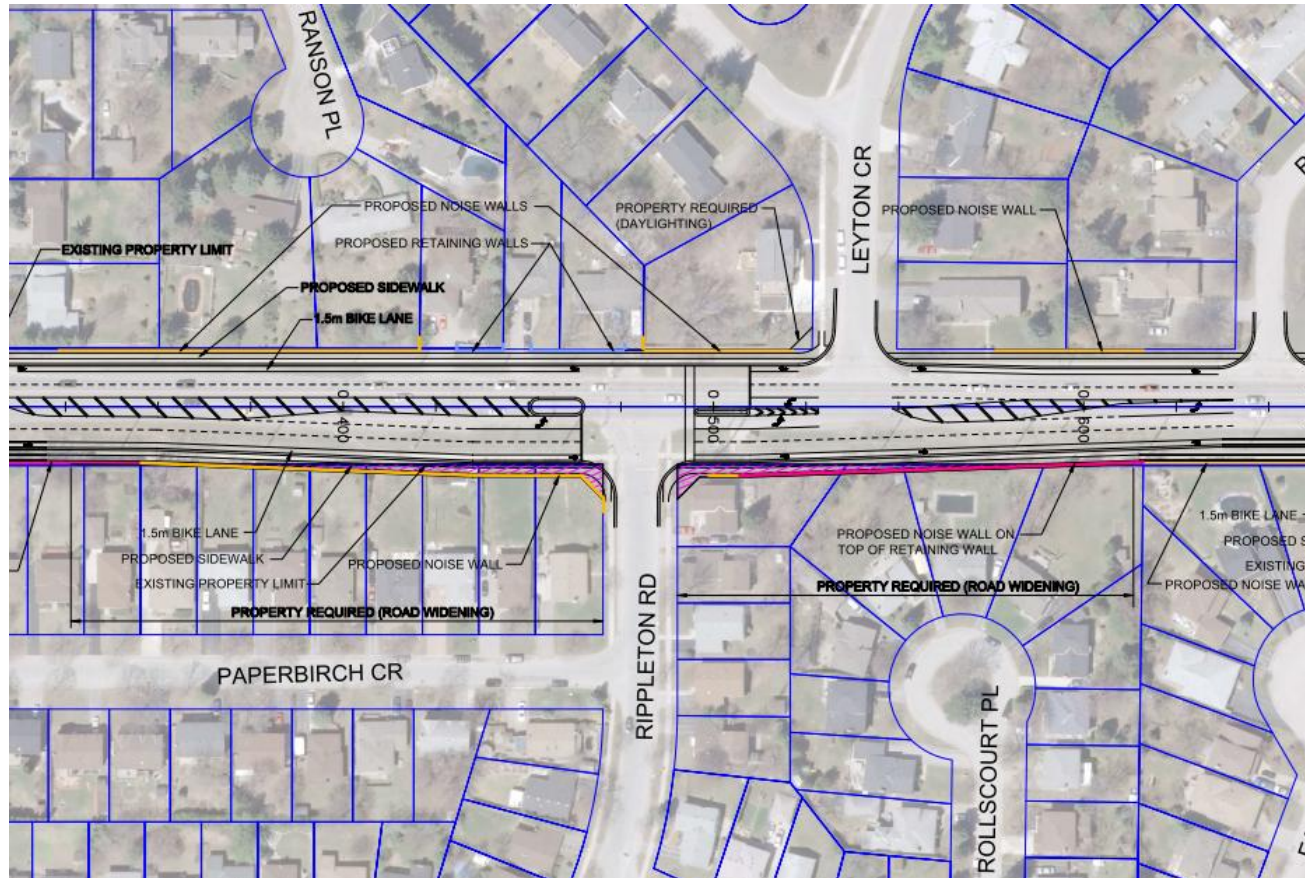


Alternative: Two-Way Left-turn Lane



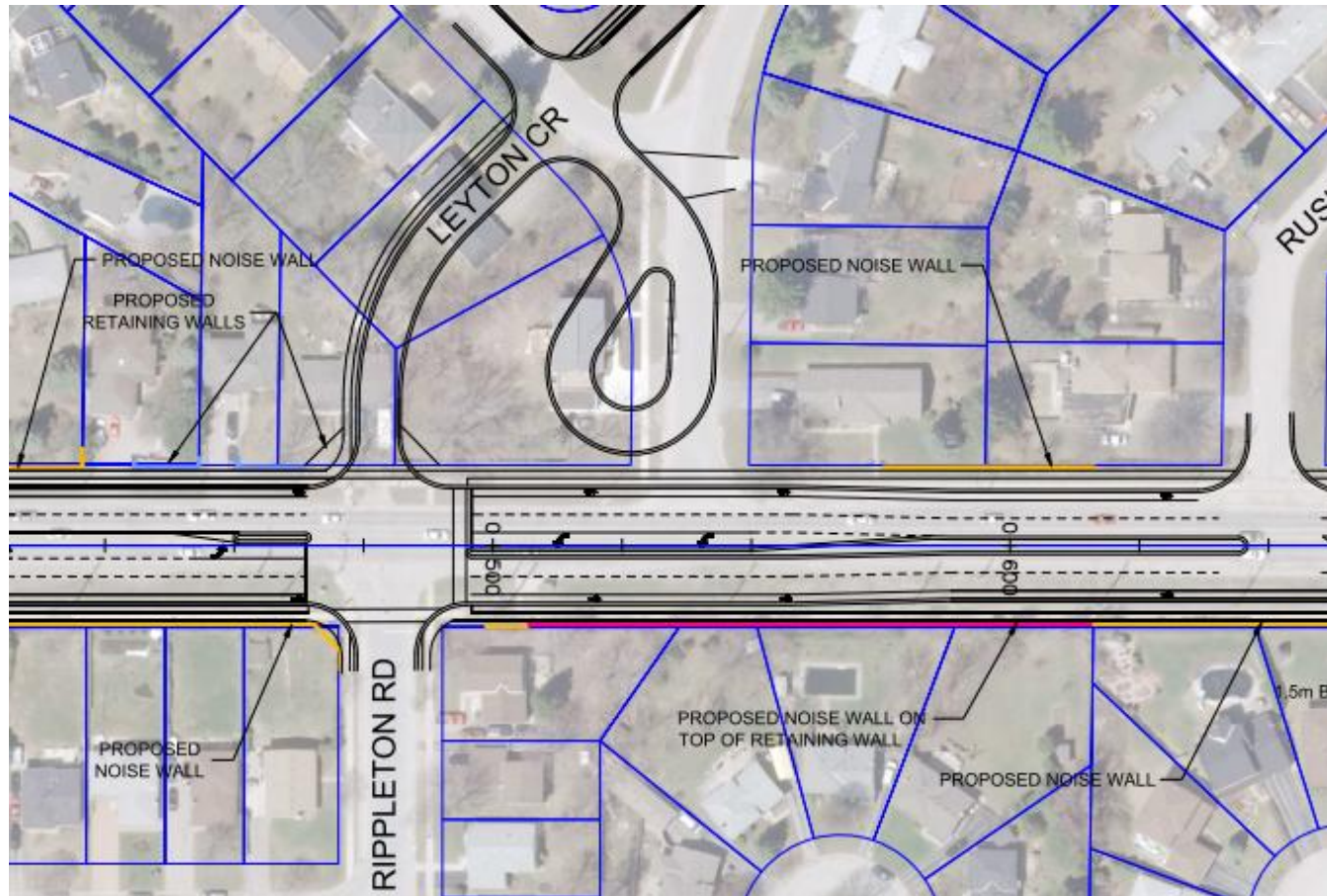


Alternative: Parallel Left-turn Lanes



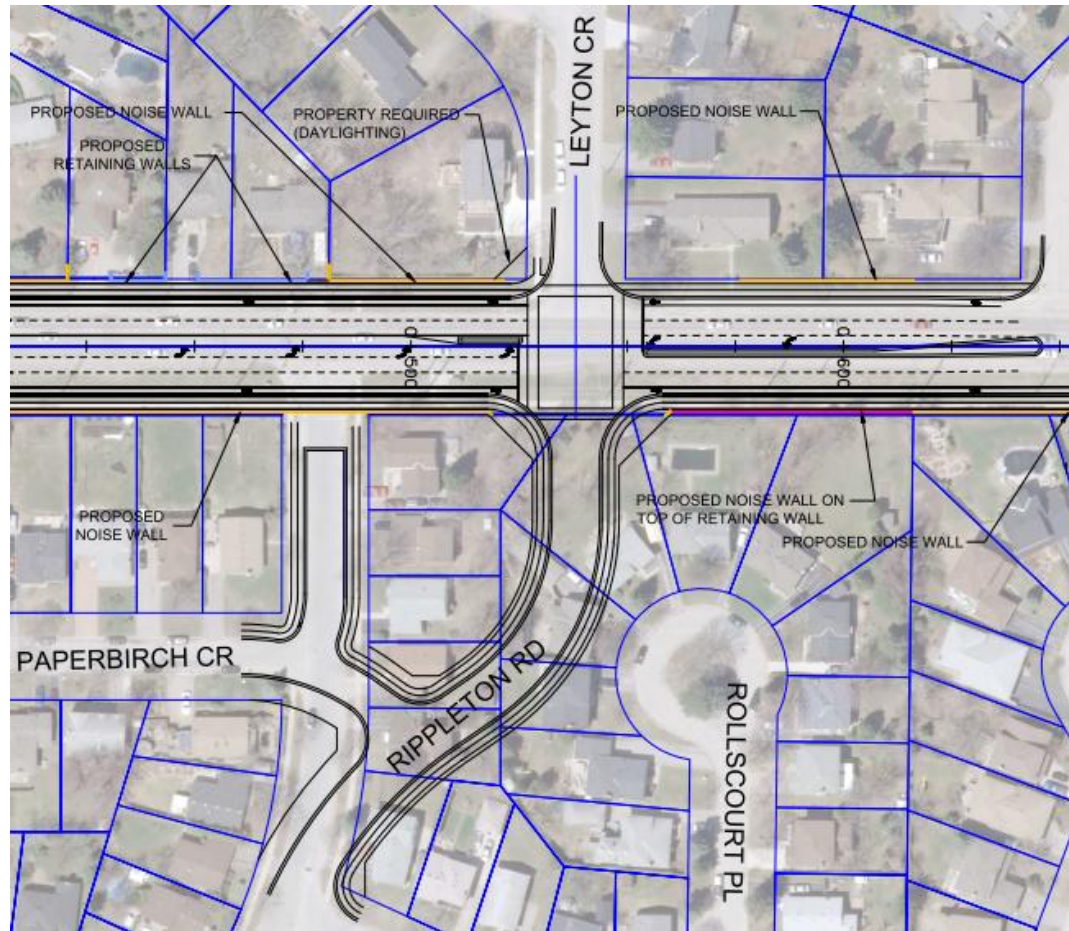


Alternative: Realign Leyton Crescent



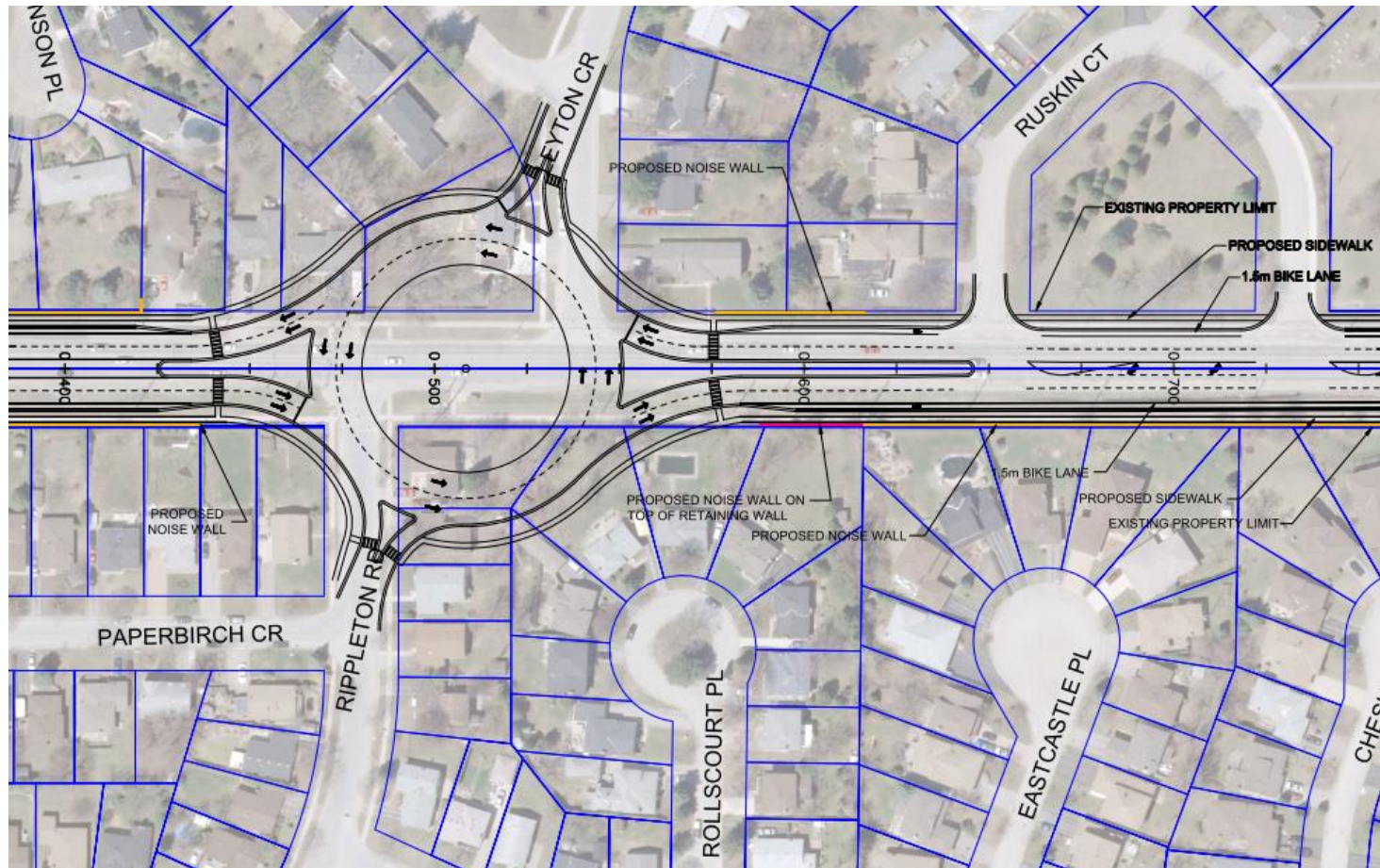


Alternative: Realign Rippleton Road





Alternative: Roundabout





Environmental Assessment Issues Cont'd.

- Stormwater Management:
 - Stormwater Management Strategy Impact Assessment and Cost Benefit Modeling Study
 - SWM measures will be reviewed during design and will consider the Mud Creek Subwatershed Study Update
- Property Required:
 - Property required along corridor for road widening, sidewalks and short retaining walls
- Noise Attenuation:
 - Warranted along unprotected residential development





Next Steps

- Notice of Completion and 30-day review period – May/June 2013
- If received, address objections related to a Part II Order Request
- Construction deferred 10 years to 2022. Timing to be reconsidered by the Development Charges Background Study.

