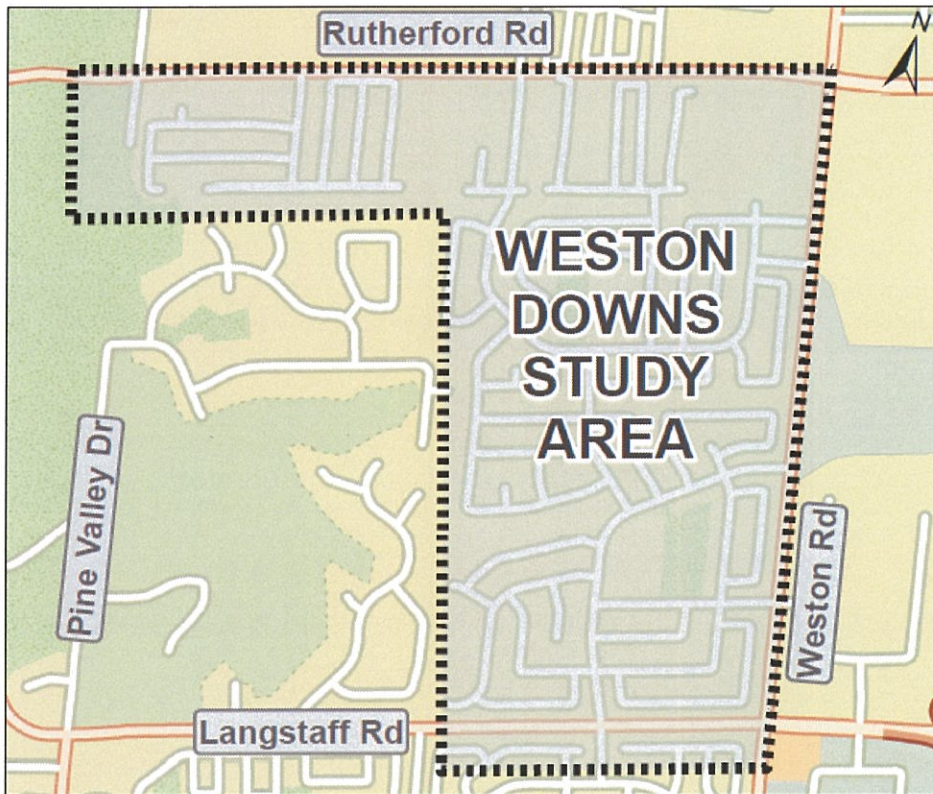


Weston Downs Traffic Study

Committee of the Whole Meeting
November 1, 2016



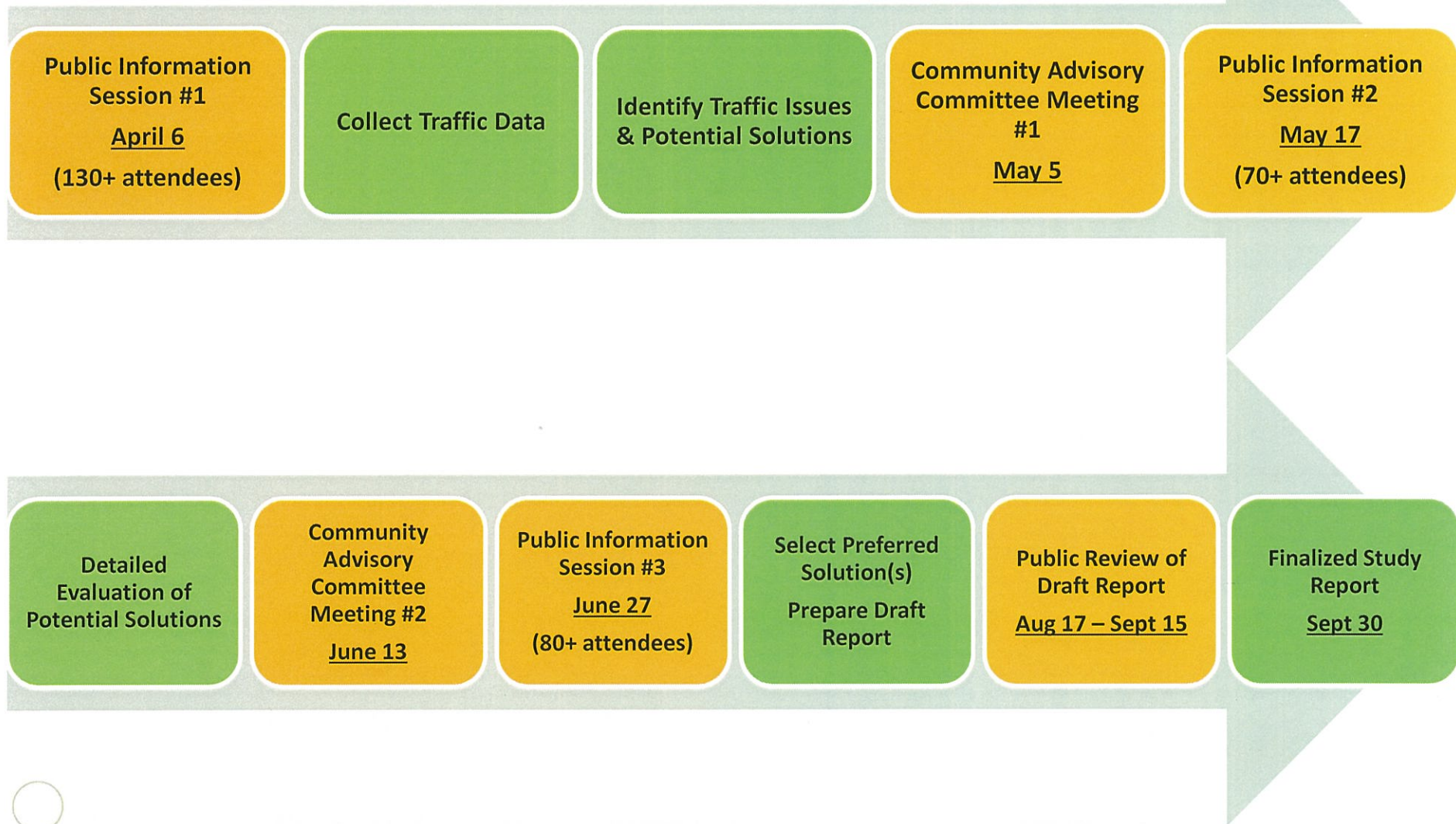
Study Area



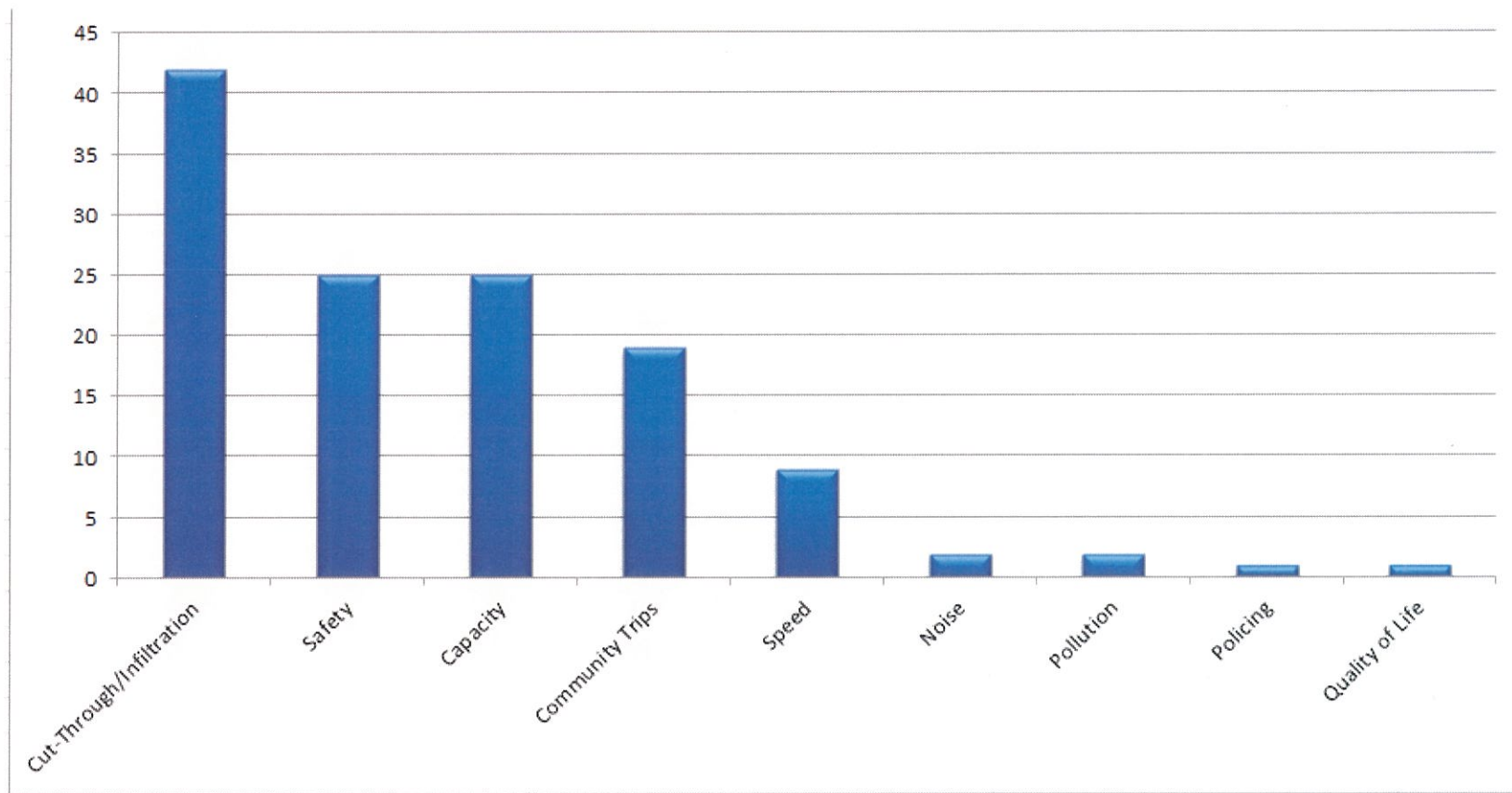
Purpose of Study

- Identify and analyze traffic issues in the Weston Downs area
- Identify options to address traffic issues
- Conduct community engagement to identify preferred option supported by the community

Study Process



What we Heard at Information Session #1

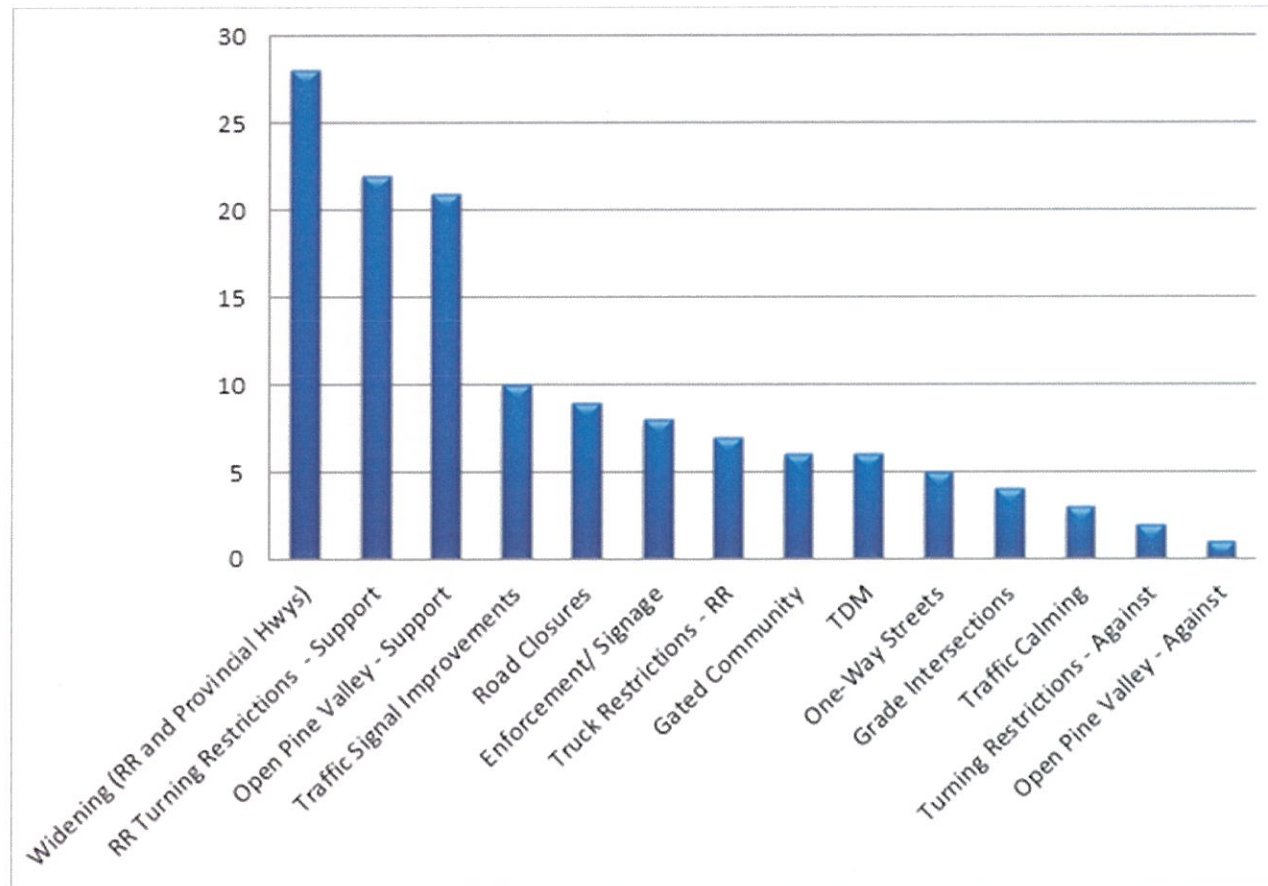


Issues Identified by Residents



VAUGHAN

What we Heard at Information Session #1



Solutions Identified by Residents



Summary of Traffic Studies

- Regional road network is incomplete, with limited north-south capacity and congestion present at key intersections
- Few alternatives to travelling through Weston Downs
- Volumes on Velmar, Santa Barbara and Valeria are in the range of 5,000 – 6,000 vehicles a day
- Volumes on Babak, Orr, Village Green, Greenpark are in the 2,500 – 3,000 vehicles a day
- Average cut-through traffic during peak hours in the range of 20% - 30% of total trips
- Community trips are in the range of 60% - 70% of total trips
- Average speeds are within 10 km/h of the posted speed



Problem Statement

- High volumes of cut-through and community traffic on Velmar, Santa Barbara and Valeria as a result of an incomplete road network and congestion on the boundary roads. Incidents on Regional Roads contribute to additional traffic volumes within the community. Additional problems include:
 - Some residents have difficulty accessing property safely
 - Non-compliance of traffic control devices
 - Speeding on some roads



Refined List of Solutions Considered

Long Term Solutions

- Extend Pine Valley Drive
- Widen Regional Roads

Short Term Solutions

- Gated Community
- Turn Restrictions on Regional Roads
- Turn Restrictions on Community Roads
- Convert one or more streets to One-Way movement



What we Heard at Information Session #2

- 75% of respondents agreed with the Problem Statement.
- Support split across options:

Option	Strongly Dislike	Dislike	Neutral	Like	Strongly Like
Gated Community	42%	14%	11%	17%	14%
RR Turn Restrictions	25%	15%	8%	9%	42%
Local Turn Restrictions	38%	15%	12%	15%	17%
One-Way on Santa Barbara	45%	9%	11%	17%	17%

65 total responses received

*Values do not total 100% because not all questions were answered.



Three (3) Preferred Solutions

- **Option 1 Turn Restrictions on Regional Roads**

- Has the greatest effect in reducing traffic volumes and cut-through traffic within the community
- Will have the greatest effect to Regional Road operations
- High noncompliance expected due to lack of alternative routes
- Least effective in reducing volumes on Santa Barbara Place

- **Option 2 Turn Restrictions on Community Roads and Option 3 One-Way Streets**

- Though the absolute reduction in volume is less, traffic is better distributed within the community
- Restrict movement within community during peak hours
- Impacts Regional Road operations
- Does not fully eliminate cut-through traffic
- High noncompliance is expected due to a lack of alternative routes and travel time savings going through the community



Summary

- Community - divided on the issues
- Study did not identify a short-term solution that is broadly accepted by the community
- The City should work with Region and Province to advance improvements to Regional Roads and Highways in the vicinity of Weston Downs
- Staff have prepared a report on our findings and community support of the proposed solutions which is before you today



Thank You!

