



WELCOME

34 Street Corridor Planning Whitemud Drive to Baseline Road

March 6, 2013

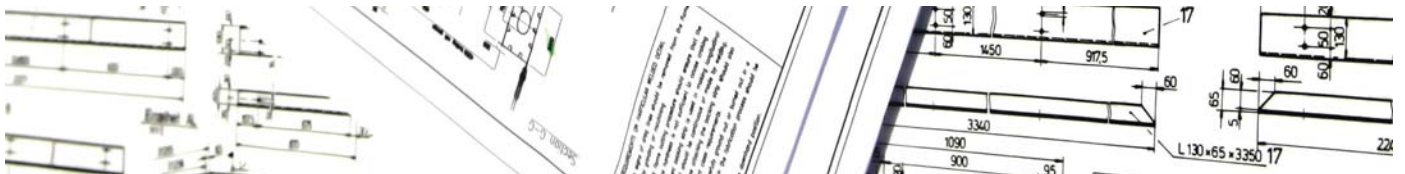


MEETING PURPOSE

To present the recommended concept plan for 34 Street between Whitemud Drive and Baseline Road.

To share the results from the public and business surveys.

To show how survey feedback was addressed in the development of the 34 Street concept plan.



PROJECT PURPOSE

To develop a concept plan for 34 Street between Whitemud Drive and Baseline Road to ensure that the corridor functions well in the future. This is a planning study; there is no start date to begin construction to widen 34 Street.

34 Street provides:

- An important route for commuters and the movement of goods
- Industrial and commercial business opportunities
- Access to established businesses along the corridor

34 Street requires upgrades to:

- Accommodate traffic growth
- Improve connection to the Sherwood Park Freeway and Baseline Road
- Meet current standards and guidelines
- Enhance conditions in the area to address concerns and to encourage new development



FUTURE LAND USE AND DEVELOPMENT

City and County land use plans:

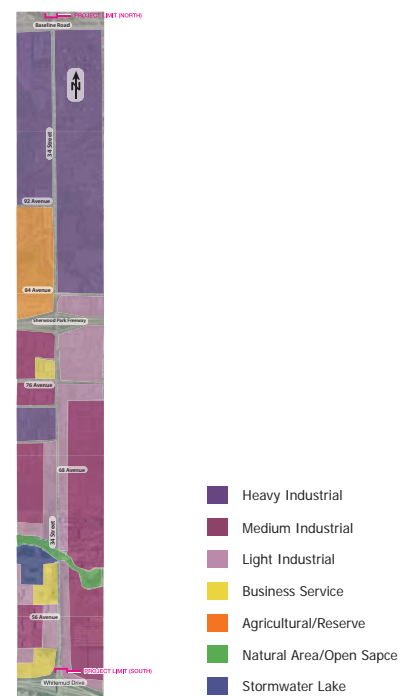
Outline how developed and undeveloped land will evolve through:

- Land use and allocation
- Environmental features
- Infrastructure requirements
- Development timing

Incorporate transportation requirements such as:

- Transportation network
- Pedestrian and cyclist links
- Transit access

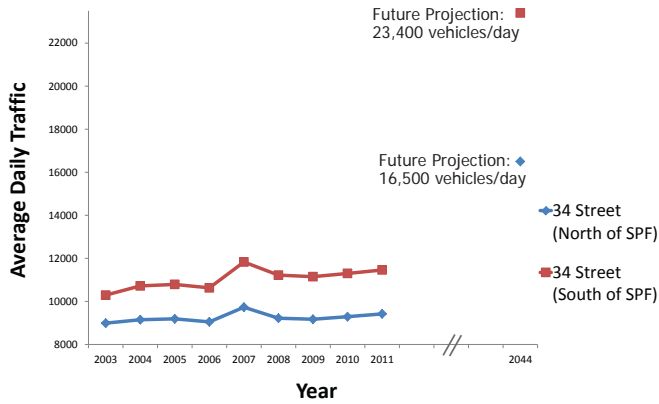
Future development and land use plans help to determine areas that may require truck accommodation or greater access to businesses.



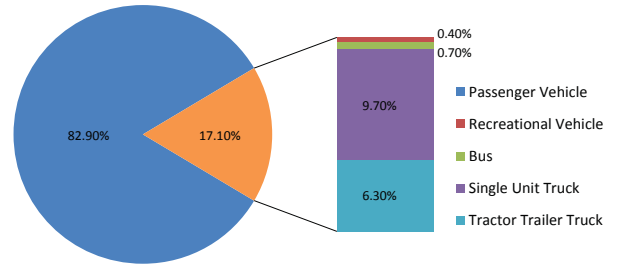
TRAFFIC GROWTH AND COMPOSITION

34 Street at Sherwood Park Freeway (SPF)

Average Historical Daily Traffic Volumes



34 Street Traffic Composition



Historical average annual growth: 1.45%

Ultimate traffic projection along 34 Street: 30,000+ vehicles per day

RESULTS FROM PUBLIC SURVEYS

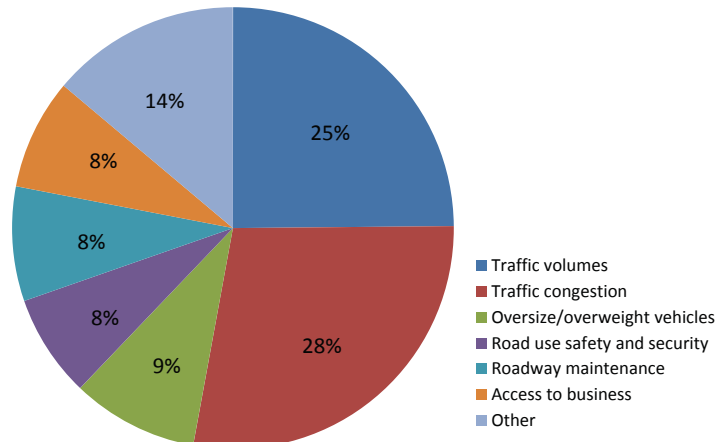
Top Five Concerns:

1. Traffic congestion
2. Traffic volumes
3. Oversize/overweight vehicles
4. Roadway maintenance
5. Access to business

Other Concerns Included:

- Road safety and security
- Impact on natural areas
- Access to public transportation
- Pedestrian and cyclist access
- Signal timing and coordination
- Drainage and side road servicing
- Railway crossings

Public Responses for 34 Street Concerns



RESPONSE TO STAKEHOLDER CONCERNS

Public Concern	Actions and Design Features
Traffic volumes/congestion.....	Upgrade to four* and six lanes
Oversize/overweight vehicles.....	Wide lanes, swinging traffic lights, mountable median*
Roadway maintenance.....	New pavement, median/boulevard snow storage
Access to businesses.....	Access to all businesses will be provided/maintained
Safety and security.....	Roadway safety audit of plans is scheduled
Impact on natural areas.....	Minimize impacts on wetlands and wildlife corridors
Access to public transportation.....	Bus stops to be included according to City/County plans
Pedestrian and cyclist access.....	Sidewalk and shared use path along corridor
Signal timing and coordination.....	Signal timings to be reviewed by City/County
Drainage and side road servicing.....	Includes underground conveyance to drainage facilities
Railway crossings.....	May implement variable message signs on freeways to warn vehicles to take alternate routes

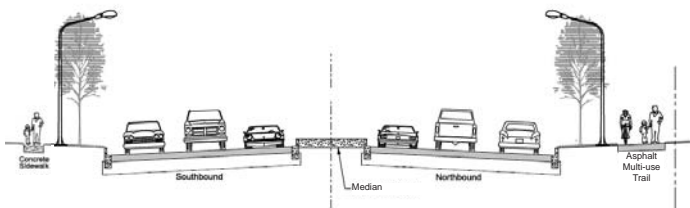
*North of Sherwood Park Freeway

RECOMMENDED CONCEPT: SECTION 1

Whitemud Drive to Sherwood Park Freeway



Cross section looking north:



Concept features:

- 3 lanes in each direction
- Shared use path and sidewalk
- Turning lanes at intersections and major accesses

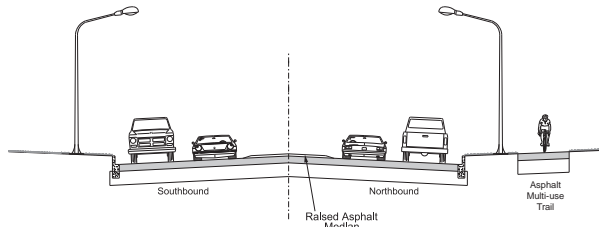
Please refer to large plan for details

RECOMMENDED CONCEPT: SECTION 2

Sherwood Park Freeway to Baseline Road



Cross section looking north:



Concept features:

- 2 lanes in each direction
- Mountable median to accommodate large vehicles
- Shared use path on east side
- Turning lanes at intersections and major accesses

Please refer to large plan for details

PROJECT TIMELINE

COMPLETED TASKS	• Identification of key issues and constraints.....	November 2012
	• Web based public and stakeholder surveys.....	Nov-Dec 2012
	• Development of concept plan	Dec 2012 - Feb 2013
FUTURE TASKS	• Presentation of recommended concept to public.....	March 2013
	• Presentations to elected officials.....	Ongoing 2013
	• Completion of planning study.....	May 2013
	• Construction.....	Future (Beyond 2013)



CONSTRUCTION TIMELINES

Construction of upgrades to 34 Street will be prioritized according to future development and redevelopment along the corridor.

This project is at the planning stage and therefore exact construction timelines are unknown



THANK YOU

Tell us how we did!

Please complete a questionnaire or, if you prefer, take one to fill in and submit by March 21. Questionnaires are available online and can be submitted through mail, fax or email.

Mail: McElhanney Consulting Services Ltd.
14904 121A Ave
Edmonton, AB T5V 1A3

Email: Project Team: rbetker@mcelhanney.com
Strathcona County: tony.maghee@strathcona.ca
City of Edmonton: natalie.lazurko@edmonton.ca

Fax: 780.809.3212

Website: www.edmonton.ca/roadplans
www.strathcona.ca/34ST