

REPORT / RECOMMENDATION



To: Edina Transportation Commission

Agenda Item #: VI. B.

From: Mark K. Nolan, AICP, Transportation Planner

Action

Discussion

Date: April 16, 2015

Information

Subject: Neighborhood Roadway Reconstruction Multimodal Traffic Survey

Action Requested:

Review proposed Neighborhood Roadway Reconstruction Multimodal Traffic Survey and share feedback with staff.

Information / Background:

Please recall that the Commission previously discussed this Work Plan item at its Jan. 15 meeting. At that time, there was consensus among commissioners to focus on the data collected prior to the neighborhood roadway reconstruction projects. On Jan. 27 engineering staff met with commissioners Iyer, Janovy and LaForce to discuss the survey/questionnaire content and methodology and how the data is utilized. At that time commissioners discussed how the current questionnaire lacks the ability to gather data specific to transportation issues. Relatedly, commissioner Janovy shared a set of proposed questions with the purpose of gathering more useful transportation-related data.

Based on the meeting with ETC commissioners and the proposed questions discussed above, staff has prepared a "Neighborhood Roadway Reconstruction Multimodal Traffic Survey" that would be conducted two years prior to construction. The recommended survey questions are below. The data collected during this survey will allow staff to better understand localized traffic issues and to focus on collecting additional data or other efforts if necessary (e.g. traffic/speed counts at specifically-identified locations, alternative intersection designs, EPD enforcement).

Staff proposes that two years before a neighborhood roadway reconstruction project the Multimodal Traffic Survey be made available on line and by mail should residents prefer (excepting 2016 projects, for which the Survey will be made available this year). Staff will continue to use the pre-project neighborhood roadway reconstruction questionnaire, which is sent out one year prior to construction. This questionnaire focuses on obtaining data relating to utilities and other items. In the past, there was typically one question related to traffic management; since staff will have detailed transportation-related data obtained from the year prior

(see above), this question can be changed to address any issues that were found in the multimodal traffic survey, if necessary.

Staff is asking the ETC for feedback, and will consider suggestions before making the Neighborhood Roadway Reconstruction Multimodal Traffic Survey available for 2016 projects. Staff plans to do so (via Survey Monkey and mail) by May 1.

Neighborhood Roadway Reconstruction: Multi-Modal Traffic Survey

1. To which street reconstruction project is this survey in response?
 - a. Morningside A
 - b. White Oaks A
 - c. Golf Terrace B
 - d. Strachauer Park A

2. How satisfied are you with the speed of traffic in your neighborhood or on your street?
 - a. Very satisfied
 - b. Satisfied
 - c. Neutral
 - d. Dissatisfied
 - e. Very dissatisfied

 - f. If dissatisfied or very dissatisfied, please enter the location(s) and describe why you feel that way.
 - i. Location of issue _____
 - ii. Why is it an issue of concern? _____

3. How satisfied are you with the volume of traffic or the number of vehicles in your neighborhood or on your street?
 - a. Very satisfied
 - b. Satisfied
 - c. Neutral
 - d. Dissatisfied
 - e. Very dissatisfied

 - f. If dissatisfied or very dissatisfied, please enter the location(s) and why you feel that way?
 - i. Location of issue _____
 - ii. Why is it an issue of concern? _____

4. How satisfied are you with motorist behavior in your neighborhood? (Examples of poor motorist behavior include speeding, rolling through stop signs, failing to yield and driving aggressively.)
 - a. Very satisfied
 - b. Satisfied
 - c. Neutral
 - d. Dissatisfied
 - e. Very dissatisfied

- f. If dissatisfied or very dissatisfied, please enter the location(s) and why you feel that way?
- Location of issue _____
 - Why is it an issue of concern? _____
- g. In general, these behaviors impact you most when you are:
- Driving
 - Bicycling
 - Walking, jogging, running
5. Do you feel that any intersection in your neighborhood is unsafe?
- Yes
 - No
- c. If yes, which intersection? _____
- d. Which, if any, of the following factors contribute to your feeling that the intersection is unsafe? (Select all that apply.)
- Lack of traffic control (traffic signal, stop sign, yield sign)
 - Issues with sight lines or clear view
 - Drivers failing to stop at stop sign
 - Drivers failing to yield
 - Drivers turning corner too fast
 - Lack of marked crosswalk
 - Street(s) too wide
 - Other _____
- e. In general, the intersection feels most unsafe when you are:
- Driving
 - Bicycling
 - Walking, jogging, running
6. How frequently do you walk, jog or run in your neighborhood?
- Very frequently (daily or near daily)
 - Frequently (2-3x per week)
 - Occasionally (1-4x per month)
 - Rarely (less than once per month)
 - Never
- f. If you walk, jog or run in your neighborhood, what are your primary reasons? (Select all that apply.)
- Health/exercise
 - Exercise dog(s)
 - Accompany child(ren) to destination (such as school, park)
 - Travel to/from destination (such as store, coffee shop)
 - Commute to/from work
 - Access transit
 - Can't drive or don't own car
 - Other _____

- g. If you don't walk, jog, or run in your neighborhood as often as you would like, what factors contribute to that? Please list all that you can think of.
- i. List Factors: _____
7. About how frequently do you ride a bicycle in the neighborhood?
- a. Very frequently (daily or near daily)
 - b. Frequently (2-3x per week)
 - c. Occasionally (1-4x per month)
 - d. Rarely (less than once per month)
 - e. Never
- f. If you ride a bicycle in your neighborhood, what are your primary reasons? (Select all that apply.)
- i. Health/exercise
 - ii. Accompany child(ren) to destination (such as school, park)
 - iii. Travel to/from destination (such as store, coffee shop)
 - iv. Commute to/from work
 - v. Access transit
 - vi. Can't drive or don't own car
 - vii. Other _____
- g. If you don't ride a bicycle in your neighborhood as often as you would like, what factors contribute that? Please list all that apply.
- i. List Factors _____
8. How frequently do you or a member of your household park on the street?
- a. Very frequently (daily or near daily)
 - b. Frequently (2-3x per week)
 - c. Occasionally (1-4x per month)
 - d. Rarely (less than once per month)
 - e. Never
- f. How frequently do visitors to your household park on the street?
- i. Very frequently (daily or near daily)
 - ii. Frequently (2-3x per week)
 - iii. Occasionally (1-4x per month)
 - iv. Rarely (less than once per month)
 - v. Never
- g. How satisfied are you with the availability of on-street parking in your neighborhood?
- i. Very satisfied
 - ii. Satisfied
 - iii. Neutral
 - iv. Dissatisfied
 - v. Very dissatisfied
- h. Any additional comments about parking? _____

9. Please tell us anything else you would like us to know about existing traffic or street conditions in your neighborhood.

a. _____

10. Name (optional)_____

11. Street number (optional)_____

12. Street name (required)_____

13. Age (ranges) (optional)_____

14. Presenting gender (optional)_____

15. Number of people in household (1-6, more than 6) (optional)_____

16. Number age 65 and over (optional)_____

17. Number age 18 and under (optional)_____

18. Number of members in household with a physical disability impacting their ability to walk, ride a bicycle, or drive (optional)_____

Attachments:

None