

**MEETING SUMMARY
CITY OF CARROLLTON
TRAFFIC ADVISORY COMMITTEE
September 11, 2023**

Committee Members Present

Debbie Hughey
Carlie Moe
Casey McElroy
Austin Waugh
Anand Gandhi
David Yarbrough
Anika Chowdhury

Committee Members Absent

Charles Douglas - Resigned
James Day

Staff Members and City Officials

Tom Hammons - Engineering
Carmella Flemming – Engineering
Roger Wheeler - Engineering

1. **Call to Order**—Debbie Hughey called the meeting to order at 7:04 P.M.
2. **Approval of minutes for June 12, 2023 (Debbie Hughey)**
The meeting Summary of the **June 12, 2023** TAC meeting was reviewed by Committee members. A motion to approve the Meeting Summary as written was made by Carlie Moe. Casey McElroy seconded the motion. All in favor. Vote was unanimous.
3. **Residential Streetlight Work Session (Roger Wheeler)**
Roger Wheeler explained that this agenda item is to recommend an evaluation and prioritization process for Residential Street lights projects. During the bond election last November, a \$500,000 budget was provided for Residential Streetlights.

Work sessions were held in February and June concerning the implementation of a prioritization process for residential streetlights and maps and tables were updated based on Traffic Advisory Committee (TAC) recommendations.

Mr. Wheeler completed a review of the updated Streetlight Spacing Map along with Table 1 “Local Residential Streetlight” projects and Table 2 “Residential Collector Streetlight” projects. He reminded the committee that previously only locations requested by residents were prioritized, now the map has been expanded to include all neighborhoods that failed to meet the 500’ minimum streetlight spacing standard. In addition, Schools, Parks, and Crime Data from the Police Department were added. He reviewed the general recommendations from TAC during the June meeting, indicating that initially, based on the Streetlight Spacing

Map, the subdivisions of Carrollton Highlands, Holliday Park, and Windmill Hill were the three highest ranking neighborhoods.

Mr. Wheeler explained that based on information from the June TAC meeting, staff used five variables to produce a Benefit Factor: Streetlight Gap, Crime Data, adjacency to a school, adjacency to a park, and residential request. For additional comparison of the projects, the committee also requested that staff provide project cost information in the prioritization table. Oncor was contacted and has informed staff that they allow \$4,300 per neighborhood light installed for the city. He explained the cost includes the typical installation of a pole within 30' of existing power. Any additional project costs, for example lengthy bores or trench lines, vegetation impacts, or easement purchases will be the responsibility of the City.

Mr. Wheeler completed a review of Table 3 "TAC Recommendations" representing the Traffic Advisory Committee's recommended changes, and adjustments to Benefit Factor data points as discussed by the committee during the June TAC meeting. The results indicated that only Carrollton Highlands continued to rank in the top 5. In addition, after updating Table 3 it was determined the Streetlight Gap Points did not adequately emphasize neighborhood darkness, so staff developed a Darkness Factor (calculated as the percent of unlit roadway in a neighborhood assuming light projects 250' in each direction) to replace Streetlight Gap points. Additionally, staff reconsidered reducing the effect of Crime Data because is difficult to differentiate 1-2 occurrences to residents.

Mr. Wheeler completed a review of Table 4 "TAC Recommendations based on Darkness Factor". Table 4 consists of the top 30 locations staff reevaluated to include the Darkness Factor, and all other TAC recommendations during the February and June Work Sessions. Based on the reevaluation, Carrollton Highlands, Crosby Estates, Windmill Hill, Holiday Park, and Santa Rosa Heights are the 5 highest ranking neighborhoods.

Staff recommended the implementation of an evaluation and prioritization process for Residential Streetlight projects using the Darkness Factor, Crime Data, Residential Request, proximity to Schools, and Parks as the Benefit Factor equation. In addition, limitations for a neighborhood to be considered for additional Residential Streetlight funding would include, only neighborhoods that contain streetlight gaps greater than 500', along local residential streets or residential collector streets with house frontage.

Staff also recommended the installation of residential streetlights within the Carrollton Highlands subdivision. This neighborhood was consistently among the highest-ranking neighborhoods throughout the evaluation process.

Discussion amongst the committee members included the review and approval of the recommended evaluation and prioritization process for Residential Streetlight projects.

The committee reviewed and discussed the various factors and prioritized rankings in Table 4 "TAC Recommendations based on Darkness Factor" to determine and select a subdivision(s) for installation of Residential Streetlights, the possibility of additional funding for Residential Streetlights in the future, and the budget benefit with Oncor's allowance of \$4,300 per neighborhood light installed for the city.

The committee discussed the impact to residents during construction of the streetlights, the initial construction projects providing better cost information for future projects, and the possibility of an HOA taking financial responsibility of having Oncor add additional streetlights to their subdivisions in neighborhoods that do not rank high on the prioritization list.

The committee discussed the establishment of a residential streetlight spacing standard for future residential streetlight projects. They discussed the cost of construction depending on the selection of the residential streetlight spacing standard, the allowance of \$4,300 per neighborhood light installed from Oncor, and the current spacing standard of 350'. Based on these factors, the 350' streetlight spacing standard was recommended by the Committee for future residential streetlight projects.

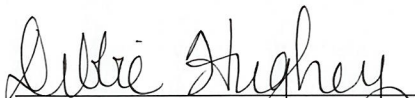
Casey McElroy made a motion to accept staff's recommendation for the implementation of an evaluation and prioritization process for Residential Streetlights using the Darkness Factor, Crime Data, Residential Request, and proximity to School, and Parks as the Benefit Factor, and the installation of residential streetlights within the Carrollton Highlands and Crosby Estates subdivisions. Anika Chowdhury seconded the motion. All in favor. The committee voted 7 -0 (Charles Douglas and James Day absent) in favor.


4. Other Business (Debbie Hughey)

Tom Hammons announced that we will have an October meeting to discuss the Fall 2023 School Crossing Guard Index assessment and possibly Arterial Street Lighting.

Anika Chowdhury made a motion to adjourn. Austin Waugh seconded the motion. All in favor. Vote was unanimous.

5. Adjourned - Meeting adjourned at 8:00 PM


Debbie Hughey, Chairperson


Tom Hammons
Transportation Engineer
Division Manager