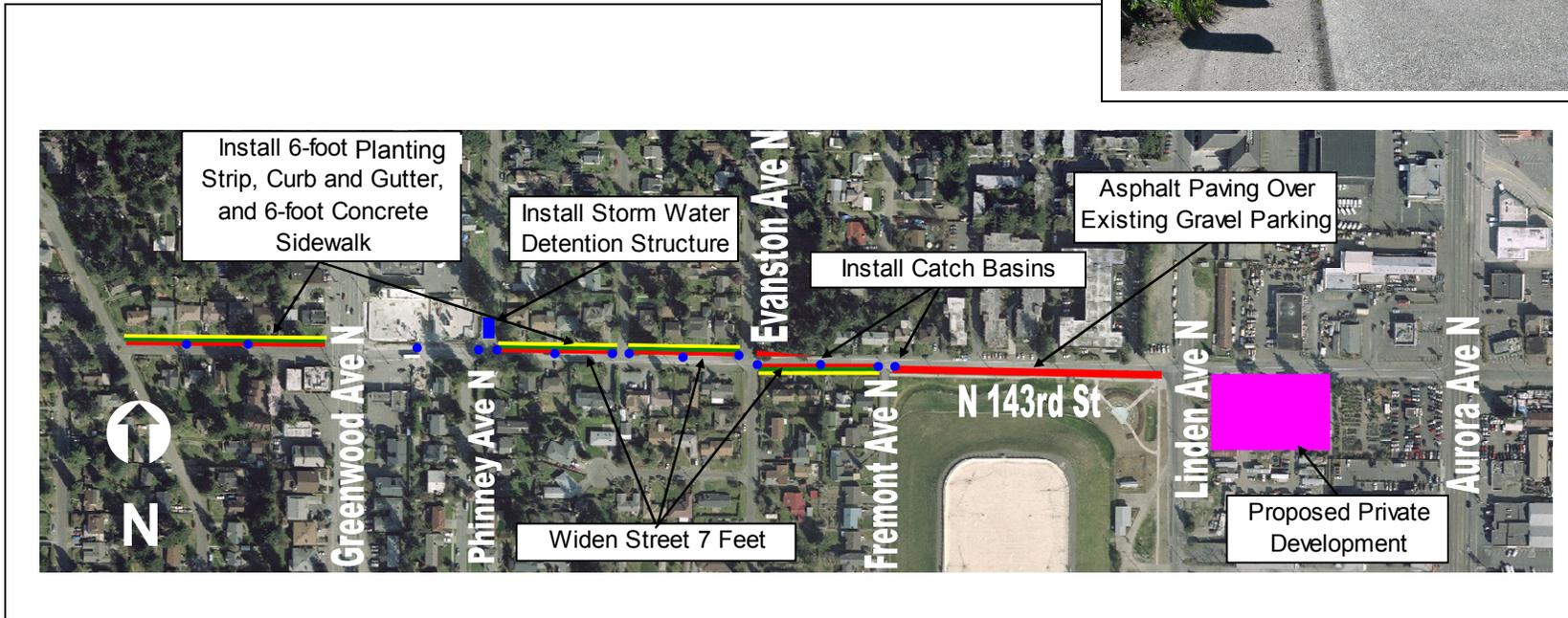




North 143rd Street - Palatine Ave N to Aurora Ave N



North 143rd Street - Palatine Ave N to Aurora Ave N



Project ID # 2007-494

Type of Improvement: Sidewalk
Neighborhood: Bitter Lake/Broadview

Approximate Length: 3200 feet
Street Classification: Local Street

Applicant Description of Problem and/or Project:

Problem: 143rd street. N is in very poor condition and is not a safe environment for bicyclists, pedestrians, transit riders or motorists. The pavement is in very poor condition, portions of the roadway are frequently flooded, there is no place for bicyclists to ride and the sidewalks are non-existent. 143rd Street N is adjacent to the Bitter Lake Urban Village. Two developments alone will add capacity for 600 additional cars in a four block area. It also is an area with a large and growing multifamily residential population, including many seniors and disabled residents who depend on the metro transit stops on 143rd St. It would also make the urban village safer, more inviting and accessible for present and future residents.

Suggested Project: North 143rd Street Safety Improvement Project--This project would make safety and access improvements for bicyclists, pedestrians, transit riders and general purpose traffic on North 143rd Street between Palatine to Aurora Avenue North. Highest priority should be the blocks immediately west of Linden Avenue North on 143rd which are Fremont, Evanston and Dayton and if possible the entire corridor on 143rd between Linden and Greenwood Avenue. At our Public Safety Forum Wayne Wentz mentioned traffic calming and other measures may be in order for this corridor. New development will have a percentage of residents who are elderly and disabled, creating further need for pedestrian access and safety.

Potential Solution and/or Comments:

North 143rd Street from Palatine Ave N to Greenwood Ave N

- Widen existing street 7 feet to the north to match the pavement on the east side of the intersection of N 143rd St and Greenwood Ave N.
- Construct concrete curb, gutter, 6-foot planting strip and 6-foot concrete sidewalk to match existing located at Greenwood Ave N intersection.
- Construct new catch basins and storm sewer to collect and detain runoff to compensate for new pavement on the street and sidewalks.

North 143rd Street from Phinney Ave N to Evanston Ave N

- Widen existing street 7 feet to the north to match the pavement on the east side of the intersection of N 143rd St and Greenwood Ave N.



North 143rd Street - Palatine Ave N to Aurora Ave N

- Construct concrete curb, gutter, 6-foot planting strip and 6-foot concrete sidewalk to match existing located at the Greenwood Ave N intersection.
- Construct new catch basins and storm sewer to collect and detain runoff to compensate for new pavement on the street.

North 143rd Street from Evanston Ave N to Fremont Ave N

- Widen existing street 7 feet to the south to match the pavement on the east side of the intersection of N 143rd St and Greenwood Ave N.
- Construct concrete curb, gutter, 6-foot planting strip and 6-foot concrete sidewalk to match existing located at the Greenwood Ave N intersection.
- Construct new catch basins and storm sewer to collect and detain runoff to compensate for new pavement on the street.

North 143rd Street from Fremont Ave N to Linden Ave N

- Paved existing gravel parking on the south side of the street with Hot Mix Asphalt.

Challenges/Tradeoffs:

- Existing pavement is in serviceable condition and is not recommended for replacement.
- The proposed solution adds 7-foot wide concrete pavement panels rather than the more costly option of removing existing 9-foot panels and constructing new standard 12.5-foot panels.
- The resultant street section will be off center in the right-of-way, but will provide the 25 foot total street width required by City standards. A transition section is assumed west of Evanston Ave. N
- Sidewalk is proposed on the north side of the street to avoid constructing costly retaining walls on the south side. Pedestrians will have to cross at Evanston Ave N to access the existing walkway on the south side along the park and proposed development sidewalk between Linden Ave N and Aurora Ave N.

Preliminary Range of Cost: \$1,810,000 to \$2,230,000