



ALLIANT
ENGINEERING

MEMORANDUM

DATE: October 24, 2016

TO: Forrest Hardy, Transportation Planner
City of Minneapolis

FROM: Michael R. Anderson, P.E., PTOE

SUBJECT: **S.P. 141-591-010 Andersen School SRTS Improvements**

The City of Minneapolis received a federal grant through the Safe Routes to School (SRTS) program for the purpose of creating safer crossings and promoting traffic calming in the area surrounding Andersen School. Improvements to the traffic signals, sidewalks and bicycle/pedestrian facilities are proposed on 26th Street, 28th Street, 12th Avenue and 11th Avenue. The improvements include:

- Constructing ADA compliant pedestrian curb ramps and installation of APS pedestrian push buttons on each corner at the 28th Street/12th Avenue and 26th Street/12th Avenue intersections.
- Constructing curb extensions on several intersection corners to reduce the pedestrian crossing distance. The curb extensions will shadow the existing on street parking lanes and will not reduce the number of travel lanes.
- Providing signing and pavement marking upgrades including durable crosswalk, stop bars, and directional markings.
- Providing bicycle boulevard pavement marking symbols along 12th Avenue and 11th Avenue.
- Upgrading sidewalk conditions.
- Widening the boulevard area on 28th Street between 11th Avenue and 12th Avenue to locate the existing bike lane behind the curb.

The proposed improvements enhance the pedestrian and bicycle access to Andersen School and better encourages crossing at the signalized intersections. The proposed curb extension will improve visibility of pedestrians on the corner and shortens the crossing distances to reduce exposure. The motor vehicle travel lanes along both 26th Street and 28th Street will not change with this project. All proposed work will be completed within the existing parking lanes or bicycle lanes and will have no effect on motor vehicle traffic.

Pre-existing motor vehicle congestion that occurs during the AM and PM peak periods is largely related to the entering and exiting of the Hospital parking ramps between 10th Avenue and Park Avenue. The proposed project will have no effect on this existing condition. As part of this project, there may be opportunity to make small signal timing adjustments at key traffic signals within the project area to help (not resolve) this issue if directed by the City.