



Request for City Council Committee Action From the Department of Public Works

Date: August 17, 2010

To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee

Referral To: Honorable Betsy Hodges, Chair Ways and Means/Budget Committee

Subject: 14th Ave N Cul-de-sac Construction Project Public Hearing

Recommendation:

Continue Public Hearing to September 28, 2010.

Previous Directives:

2010R-353 Project Designation adopted July 23, 2010 & set Public Hearing for 8/17/10

Prepared by: Christopher M. Engelmann, P.E., Project Engineer 673-3274
Don Elwood, P.E., Director, Transportation Planning and Engineering 673-3622

Approved by:

Steven A. Kotke, P.E., City Engineer, Director of Public Works

Presenters: Christopher M. Engelmann, P.E., Project Engineer

Reviews

Permanent Review Committee (PRC):	Approval	NA	Date
Civil Rights Affirmative Action Plan	Approval	NA	Date
Policy Review Group (PRG):	Approval	NA	Date

Financial Impact

None

Community Impact

Neighborhood Notification:

City Goals: A SAFE PLACE TO CALL HOME: the city's infrastructure will be well-maintained, people will feel safe in the city.

Comprehensive Plan: Not Applicable

Zoning Code: Not Applicable

Background/Supporting Information

Project Description

14th Ave N is a dead-end block that extends approximately 300 feet east from 2nd St N to railroad property. The street is oiled dirt construction of an indeterminate age and effectively operates as a dirt road.

In 2009, Standard Heating and Air Conditioning redeveloped a four-parcel site that included two parcels adjacent to 14th Ave N. The property redevelopment included two egresses to 14th Ave N. 14th Ave N will be utilized by the business as the primary entrance for its employees and its fleet of service/delivery vehicles.

The construction project will consist of approximately 300 feet of asphalt road surface ending in a cul-de-sac, curb, gutter, signage, lighting, storm drains, a storm water infiltration system, concrete drives, sidewalks, turf establishment and trees. A cost estimate for the project is \$430,000.

The Standard Heating and Air Conditioning property was redeveloped with cooperation with Community Planning and Economic Development (CPED). CPED approached the Department of Public Works to determine if construction of this project could be managed through the Five Year Capital Improvement Program (CIP). Due to the number of existing projects on the CIP, the timing for the project did not meet the timing desired for effective use of the property. Therefore, alternative funding sources were pursued. CPED applied for and was awarded a Minnesota Department of Employment and Economic Development (DEED) grant to fund a portion of the project.

The Surface Water & Sewers Division (SWS) reviewed the project and determined it was an appropriate location for use as pilot storm water infiltration project. SWS is providing funding for a portion of the project as a pilot storm water infiltration project. The stormwater infiltration pilot project includes an inverted street crown that will direct water to the center of the street. Porous concrete pavers with a drain rock base at the center of the street will create an area for stormwater to infiltrate into the ground rather than be carried away in the city's storm pipe system. The pilot project also includes a "green" stormwater catch basin, which is a modified catch basin that will provide extra infiltration, grit removal, and storage prior to discharge to the City's storm pipe system. Finally, wider boulevards with rain swales and trees will be constructed to enhance natural stormwater management.

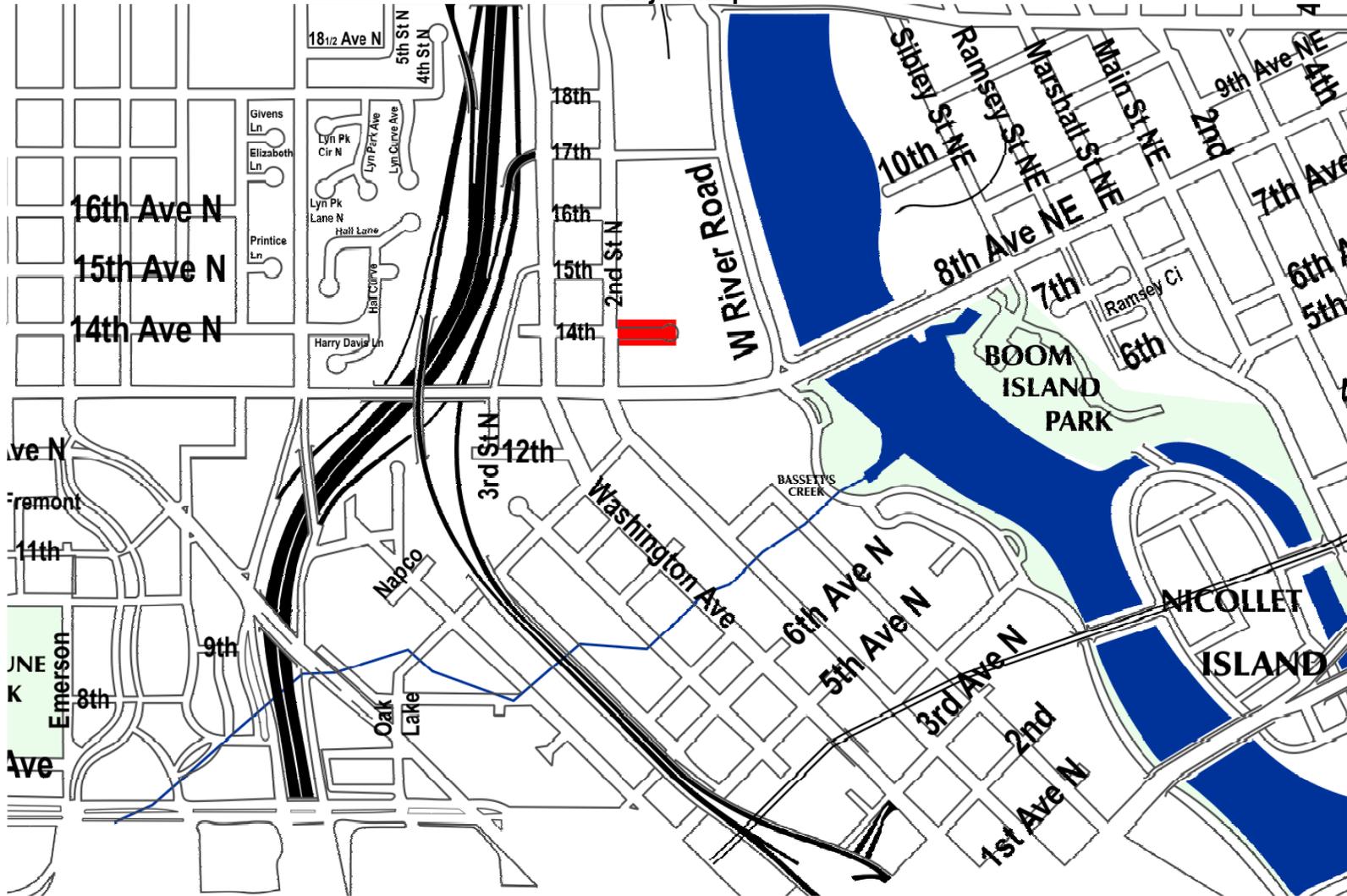
Current Status

Restrictions on the DEED grant have created a gap between the cost of the project and available funding. Continuing the public hearing to September 28 will give city staff the needed time to determine the next steps for the project.

Attachments: *Project Map*

Cc: Council Member Don Samuels, Ward 5

14th Ave N Cul-de-sac
Project Map



 Project