

ROSEVILLE
REQUEST FOR COUNCIL ACTION

Date: April 11, 2016
Item No.: 15.d
Item 15.a from March 28, 2016

Department Approval



City Manager Approval



Item Description: Twin Lakes Parkway East Collector Project – Authorization to Proceed with Final Design

BACKGROUND

On November 9, 2015, Council awarded a professional service contract for preliminary design for the Twin Lakes Area East Collector Improvements to SRF Consulting Group. This project (Attachment A) was looked into as an additional improvement related to the redevelopment of Twin Lakes Parkway. It has been indicated on several occasions and by multiple parties, that it would be advantageous to make improvements to the transportation network east of Fairview Avenue in order to encourage traffic to use Terrace Drive/Lincoln Drive/County Road C2 as a preferred route to Snelling Avenue from the intersection of Twin Lakes Parkway and Fairview Avenue.

Over the past few months, SRF has studied the corridor and presented a preliminary layout for the East Collector Area improvements (Attachment B). The major improvements identified include the following;

- Geometric improvements to the intersection of Terrace Avenue and Lincoln Avenue to make the thru movement east bound to northbound (Attachment C). The current movement is north-south. This would remain a three-way stop.
- Geometric improvements to the intersection of County Road C-2 and Lincoln Avenue to make the thru movement north bound to east bound (Attachment D). Southbound on Lincoln Drive would be the only stopped condition.
- Addition of a second left turn lane on eastbound County Road C-2 to northbound Snelling Avenue

The major goal of this project is to facilitate traffic moving east to west between Cleveland Avenue and Snelling Avenue as an alternate to County Road C. The geometric improvements as proposed would enhance this movement. By redesigning the two intersections, the east to west movement becomes more intuitive and should help traffic navigate the corridor more efficiently.

Further, the addition of a second left hand turn lane on County Road C2 should help alleviate some of the stacking that occurs during peak traffic and which will likely grow as the Twin Lakes Area redevelops.

In order to provide a second left turn lane on County Road C-2 to Snelling Avenue, the full access on County Road C2 to 2875 Snelling Avenue and 2887 Snelling Avenue would be reduced to a right in, right out. Full access would still be provided off Lincoln Drive for both properties.

The addition of the second left turn lane also requires some signal modifications to the signal light at Snelling Avenue. The Minnesota Department of Transportation currently has the signal light on its list for replacement in 2020. The additional turn lane and signal modification could be delayed until this date to provide some cost savings to the City.

POLICY OBJECTIVE

This project would enhance the City's transportation network in this area and make some improvements as identified in previous traffic studies of the Twin Lakes Area.

BUDGET IMPLICATIONS

Currently there are no additional financial implications of moving this project into final design as City staff will complete the final design.

Staff proposes using dollars returned to the City as part of the decertification of TIF 13 to fund these improvements. The City expects to receive approximately \$800,000 as a result of the TIF 13 decertification in 2017.

Preliminary construction costs are estimated at \$150,000 for the current concept plan, not including any signal upgrades or replacement. If the signal was modified prior to replacement, costs would be approximately an additional \$50,000-\$75,000.

The signal light replacement cost for the City is estimated to be \$150,000. This cost will occur even if the East Collector project does not move forward as the signal is at the end of its 30 year design life and is scheduled to be replaced in 2020. Municipal State Aid Funds are available to fund this portion of the project.

STAFF RECOMMENDATION

Authorize staff to hold a neighborhood meeting on the Twin Lakes East Collector project.

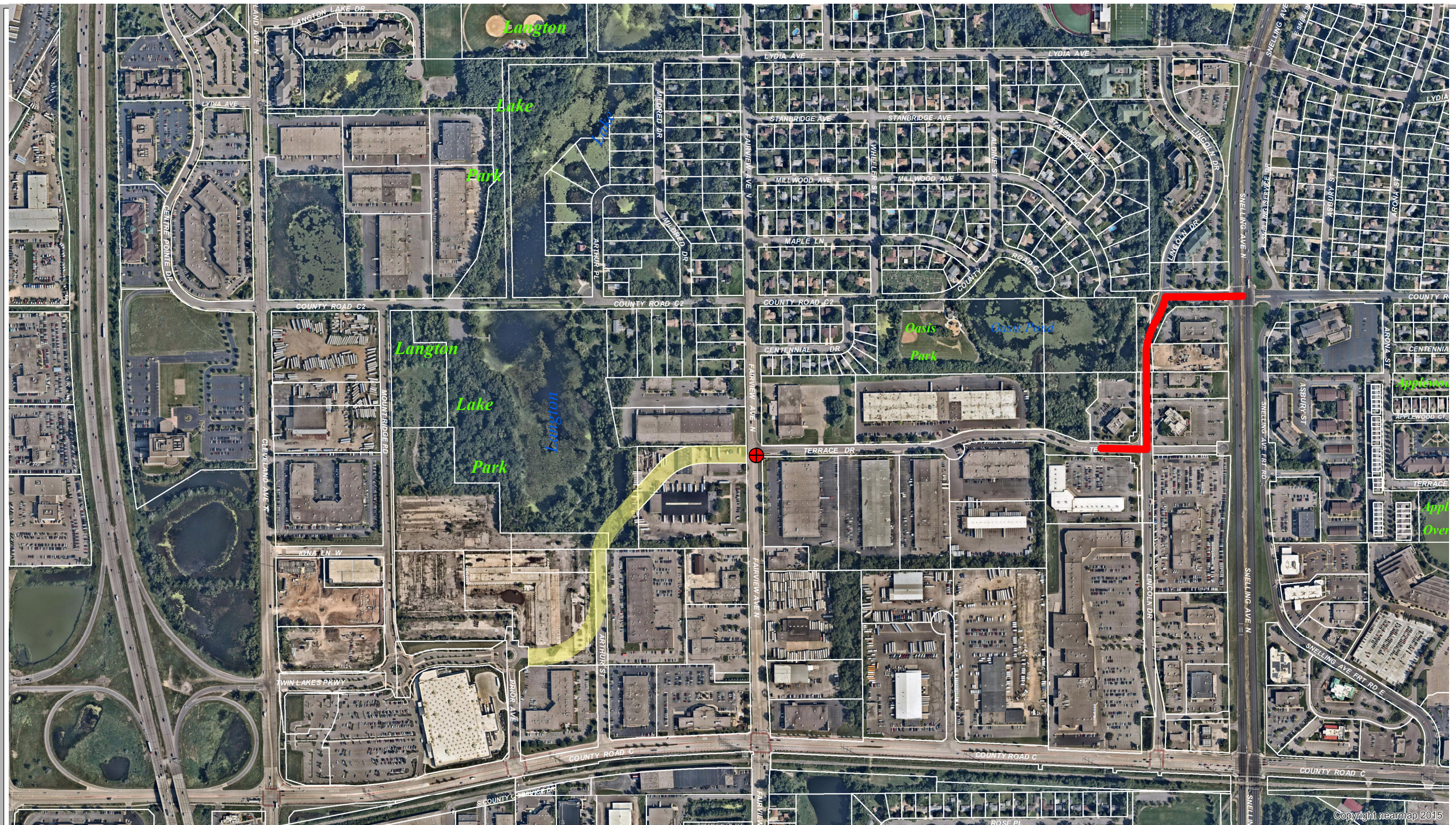
Authorize staff to complete final design of the Twin Lakes East Collector project and bring final design to Council prior to bidding.

REQUESTED COUNCIL ACTION

Authorize staff to hold a neighborhood meeting on the Twin Lakes East Collector project, complete final design of the Twin Lakes East Collector project and bring final design to Council prior to bidding.

Prepared by: Jesse Freihammer, Asst. Public Works Director/City Engineer

Attachments: A: East Collector Location Map
B: Preliminary Layout – East Collector
C: Preliminary Layout, Lincoln Drive & Terrace Ave
D: Preliminary Layout, Lincoln Drive & County Rd C-2



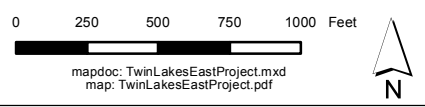
Twin Lakes East Project

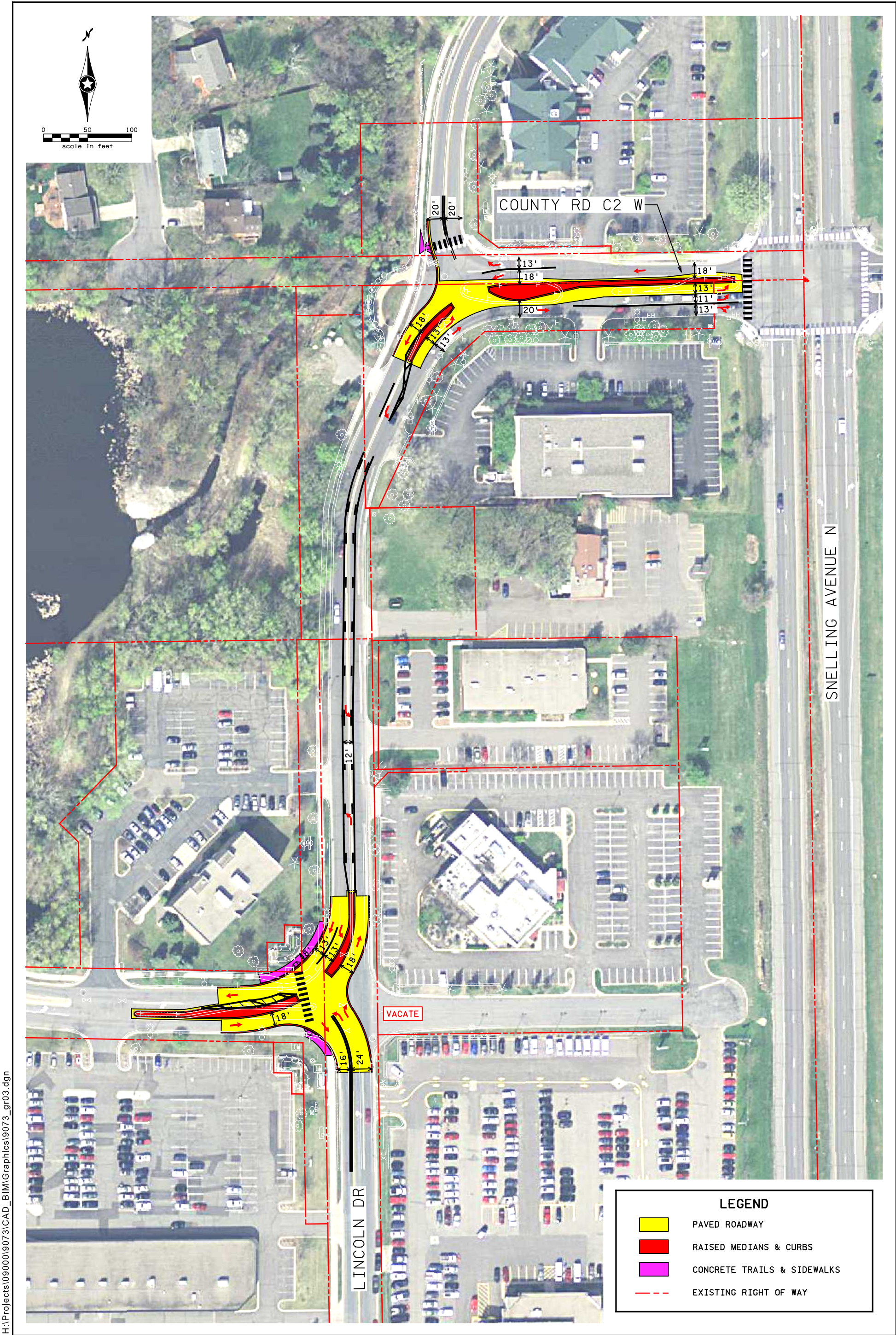
ROSEVILLE
Prepared by:
Engineering Department
March 17, 2016

-  Roadway Improvement Area
-  Proposed New Roadway
-  Proposed New Signal

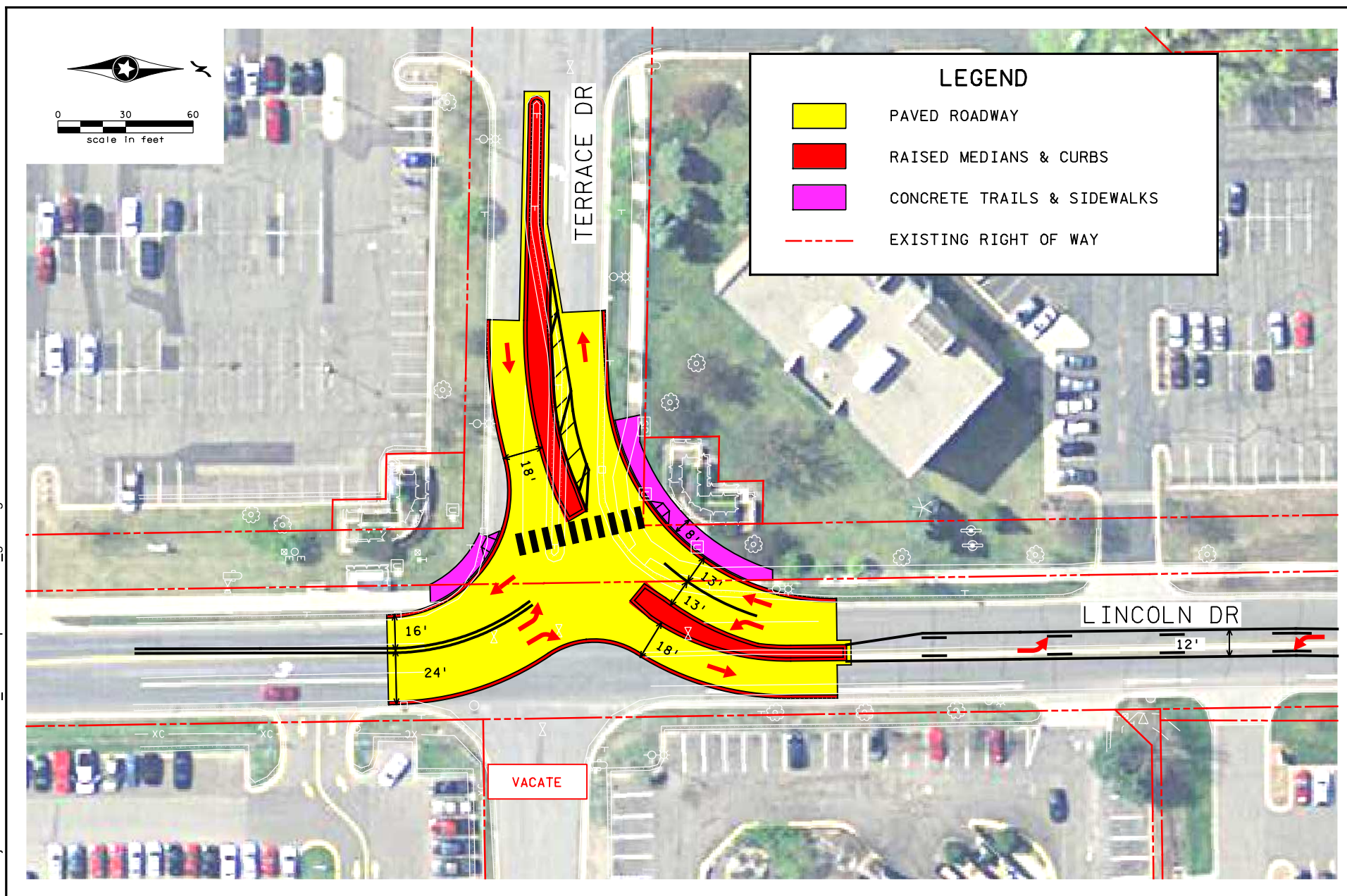
Data Sources and Contacts:
* Ramsey County GIS Base Map (3/2/16)
* City of Roseville Engineering Department
For further information regarding the contents of this map contact:
City of Roseville, Engineering Department,
2660 Civic Center Drive, Roseville MN

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