

Capital Improvement Plan
City of Gardner, Kansas

2011 *thru* 2015

Contact City Engineer
Department Public Works
Type Improvement
Useful Life 20 years
Category Street Construction
Priority 1 Critical

Project # PWST-15-09
Project Name Traffic signal at Lincoln Lane and Moonlight

Cash or Debt: Debt

Total Project Cost \$165,000

Description

Improve existing intersection by adding a traffic signal. Conduits will be installed with the Moonlight Road improvement project which will be completed in 2010.

Justification

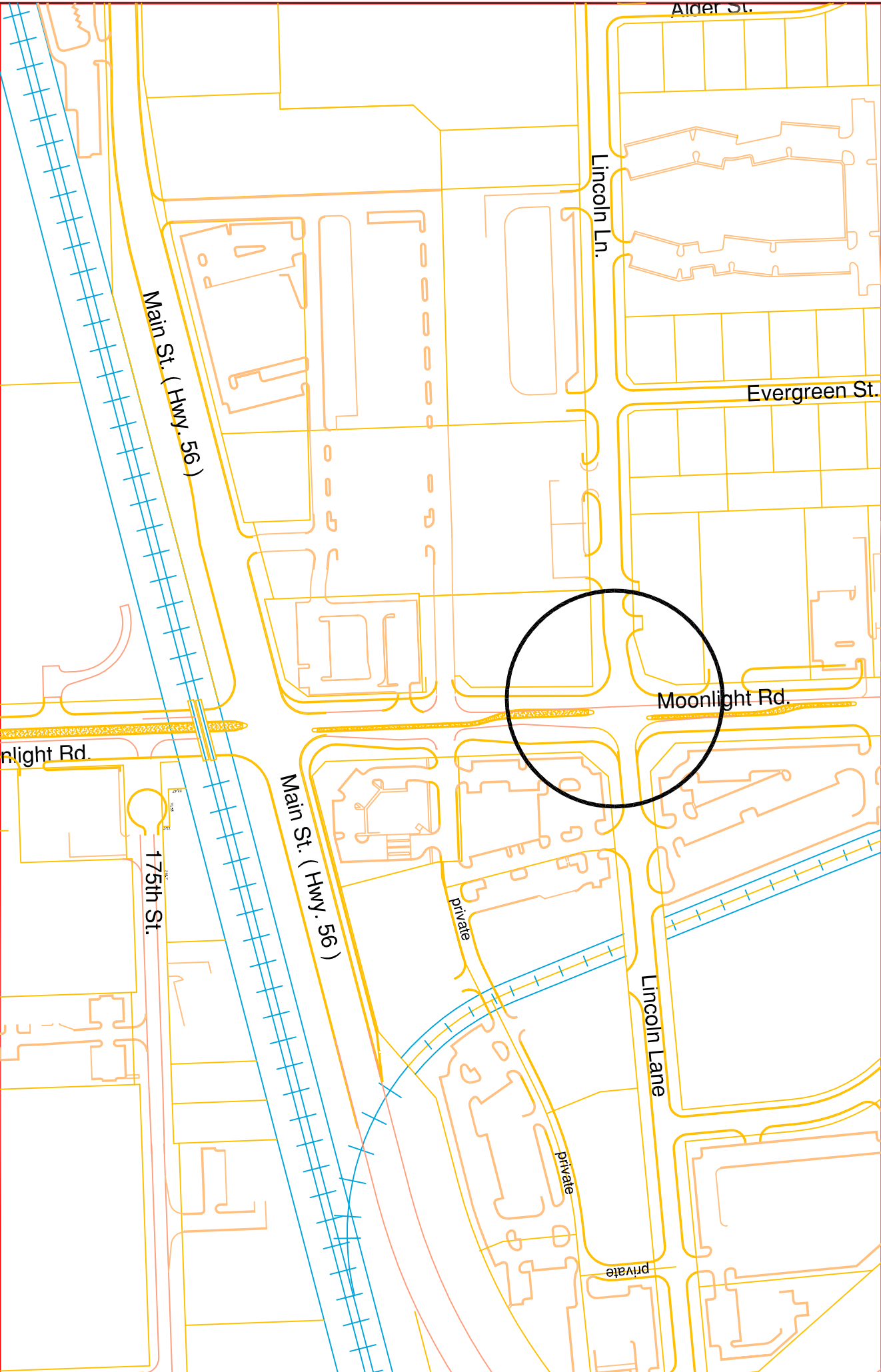
The Moonlight Road improvements project included installation of a traffic signal at this intersection; however, warrants were not yet met based on existing 2008 traffic counts. It is anticipated that warrants will be met in 2010/2011 once Moonlight Road is widened per analysis performed during preparation of the Transportation Master Plan. This signal will be required for safety and capacity.

Expenditures	2011	2012	2013	2014	2015	Total
Engineering	15,000					15,000
Construction	150,000					150,000
Total	165,000					165,000

Funding Sources	2011	2012	2013	2014	2015	Total
Street Improvement Reserve F	0					0
Total	0					0

Operational Impact/Other

This traffic signal was originally planned to be installed with the Moonlight street improvements project; however, the signal did not meet traffic warrants so KDOT would not allow it to be constructed with the Moonlight project.
 The average annual operations and maintenance cost for a traffic signal is approximately \$6,000.



Alder St.

Lincoln Ln.

Evergreen St.

Main St. (HWY. 56)

Moonlight Rd.

Moonlight Rd.

Main St. (HWY. 56)

175th St.

Lincoln Lane

private

private

private



PROJECT: PWST-15-09

Traffic signal at Lincoln Ln. and Moonlight Rd.

DESCRIPTION:

Intersection Improvement

Washington St.

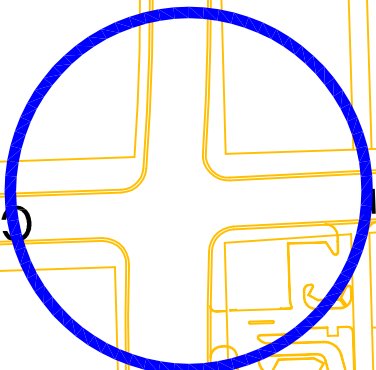
Ott Ln.

Shawnee St

St. (Hwy. 56)

Park St.

Center



Shawnee St.

City Hall

Main St. (Hwy. 56)

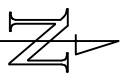
Vacated Ord. 1873-97

Senior Center

Park St.

Elm St.

Elm St.



PROJECT:

PWST-12-09

Center St. and Main St. Intersection

DESCRIPTION:

Street Construction

Capital Improvement Plan
City of Gardner, Kansas

2011 *thru* 2015

Contact City Engineer
Department Public Works
Type Improvement
Useful Life 10 years
Category Street Construction
Priority 2 Very Important

Project # PWST-25-10
Project Name Update Transportation Model (East of I-35)

Cash or Debt:

Total Project Cost \$50,000

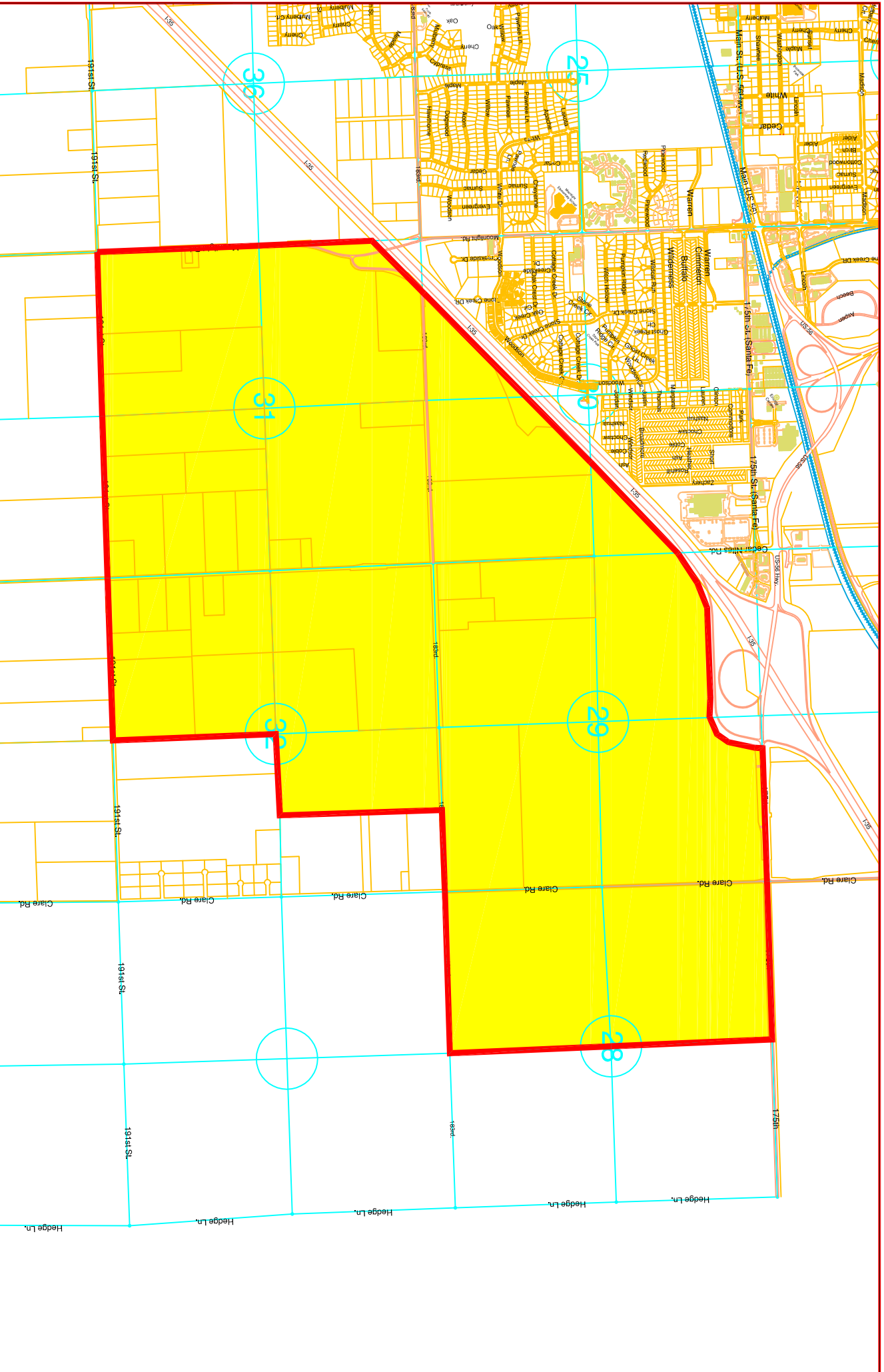
Description
 This project includes an update to the Transportation Master Plan to determine proposed land uses and traffic needs for the area on the southeast corner of I-35 and 175th St.

Justification
 The Transportation Master Plan was completed in 2010 with proposed land uses based on the Community Development Plan. The model assumed primarily residential land use with some retail in this area based on input from the Community Development department; however, it is probable that this area may develop with more commercial and/or industrial uses (especially with the proposed intermodal facility to be located just west of Gardner.) By updating the model for this area, the City will be able to determine whether an interchange or overpass is necessary at 183rd St. & Moonlight.

Expenditures	2011	2012	2013	2014	2015	Total
Engineering	50,000					50,000
Total	50,000					50,000

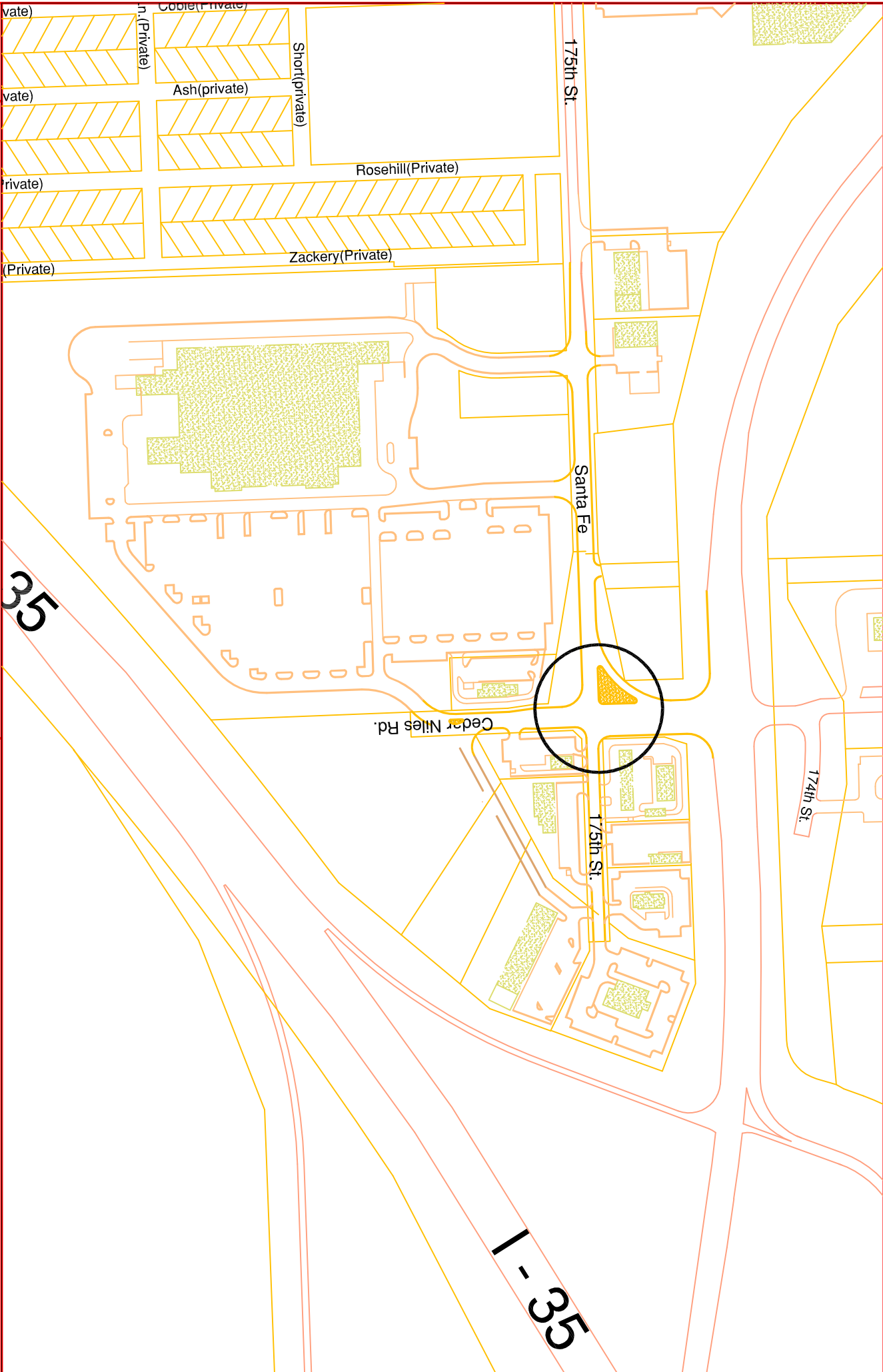
Funding Sources	2011	2012	2013	2014	2015	Total
Street Improvement Reserve F	0					0
Total	0					0

Operational Impact/Other
 There are no operational costs associated with this study.



PROJECT: PWST-25-10
 Update Transportation Model (East of 1-35)

DESCRIPTION:
 Modeling



PROJECT: PWST-04-10

Cedar Niles and Santa Fe Intersection

DESCRIPTION:

Intersection Improvement