Welcome

Dayton Parkway Interchange

Open House

Dayton

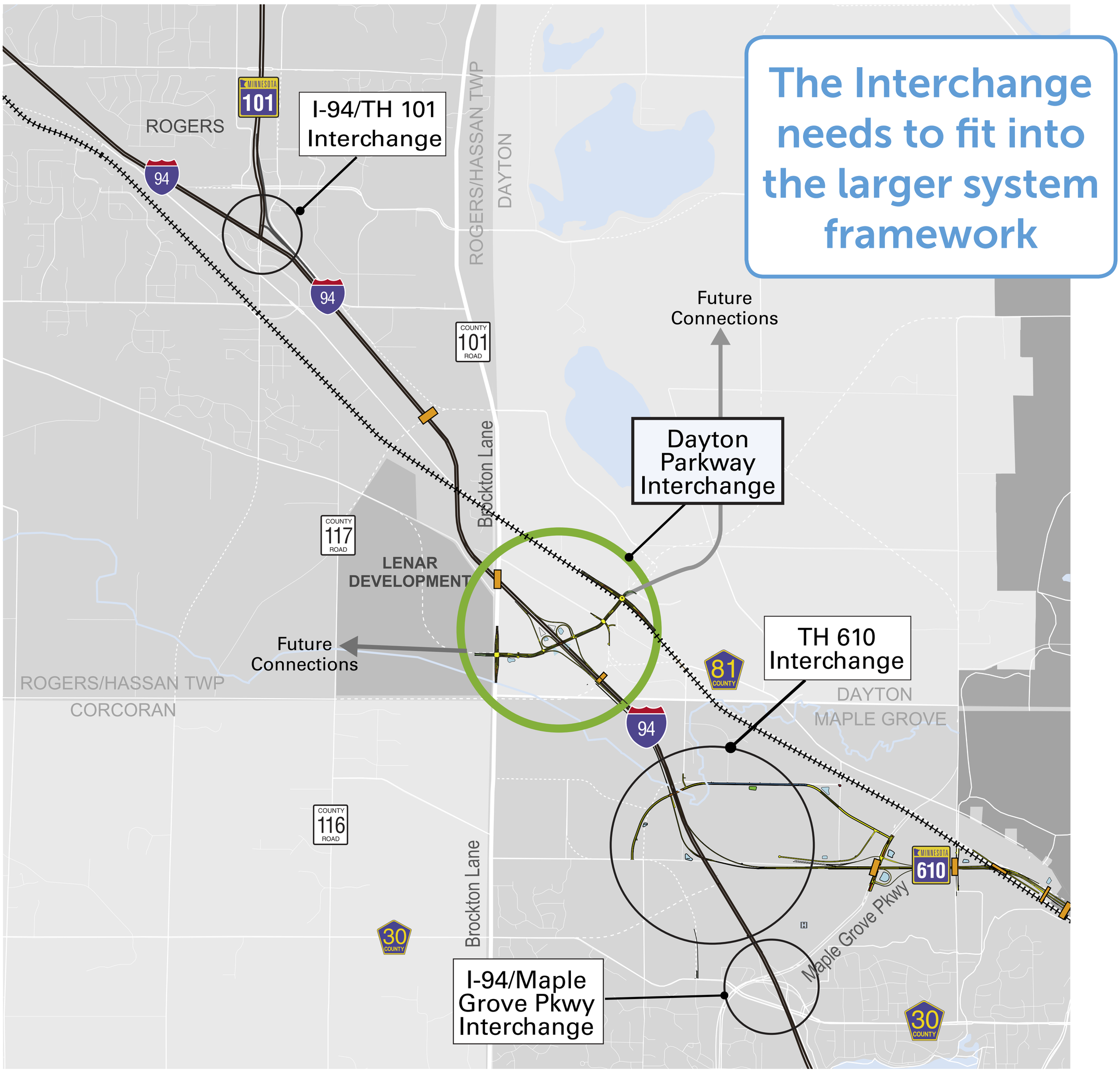
CITY OF ROGERS

Hennepin

DEPARTMENT OF TRANSPORTATION

What's been done to date?

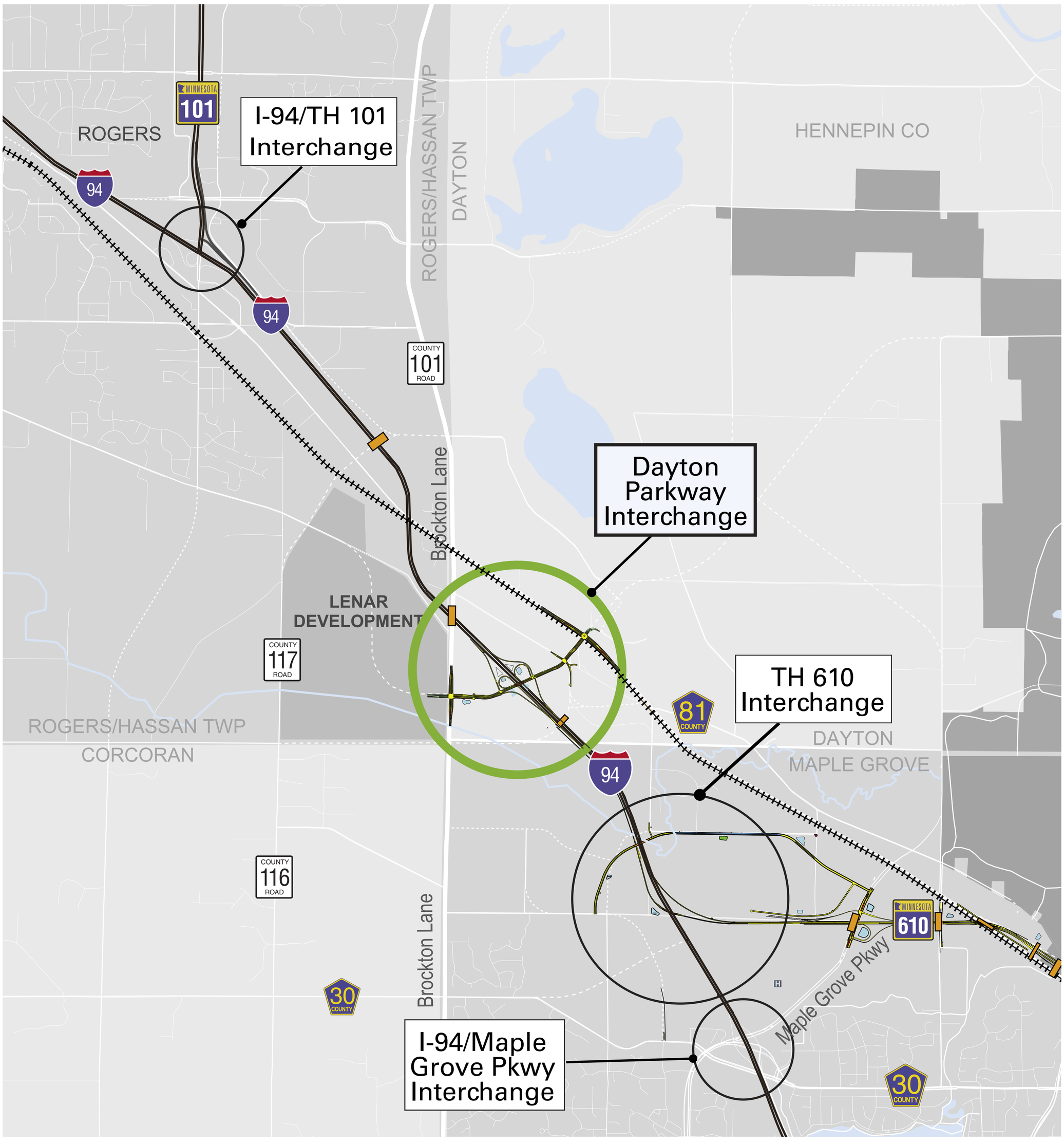
- System framework established (2008)
- Interchange location study (2012)
- Environmental documentation (2012, 2018/, 2019)
- Selection of interchange design (2018)
- Procurement of funding (2012-2018)



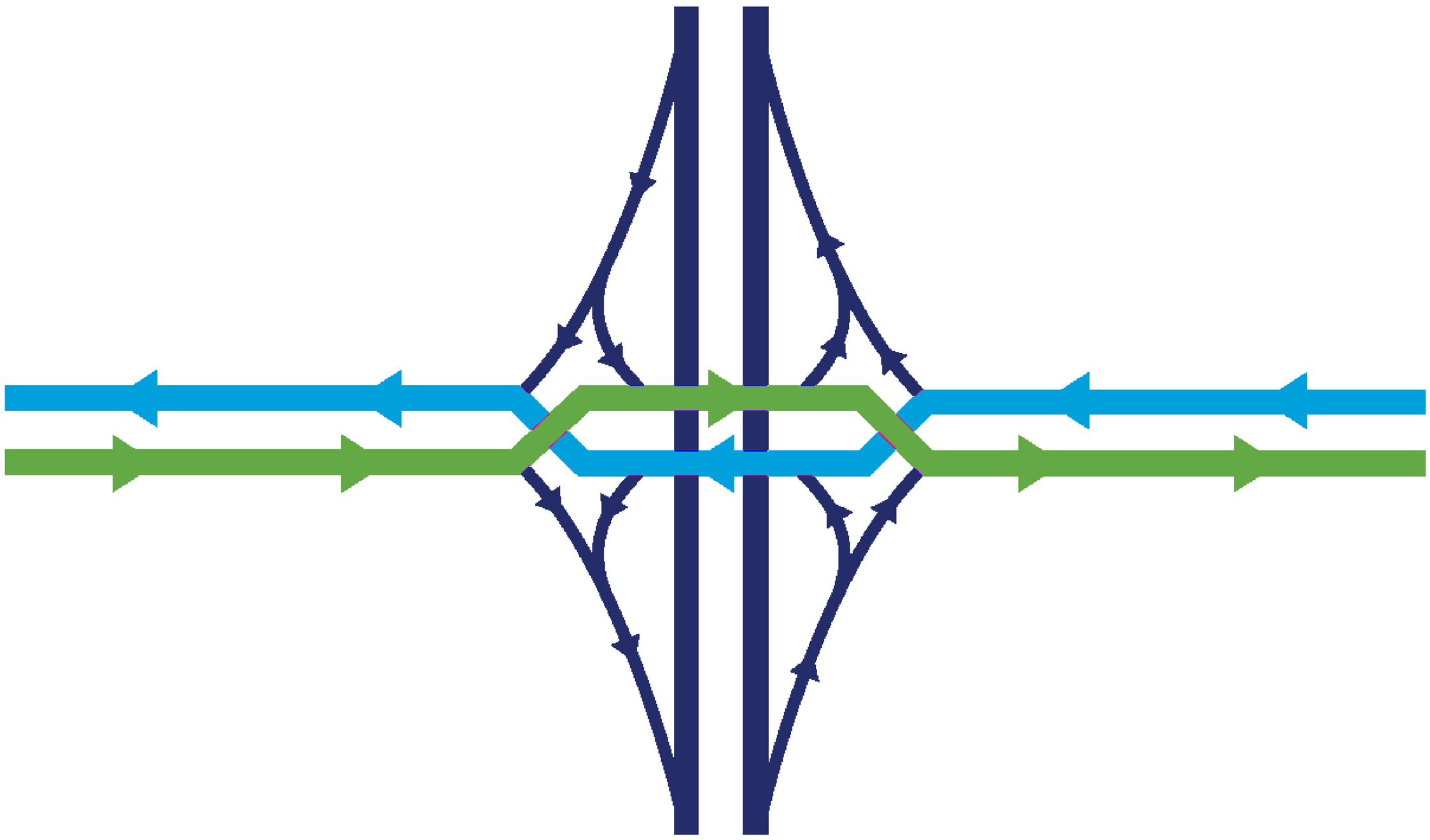
Why build the interchange?

Benefits of Dayton Parkway Interchange

- Support economic development
- Distribute traffic better at I-94 Interchanges and on area arterials
- Improved emergency access to I-94



What is a Diverging Diamond (DDI) Interchange?

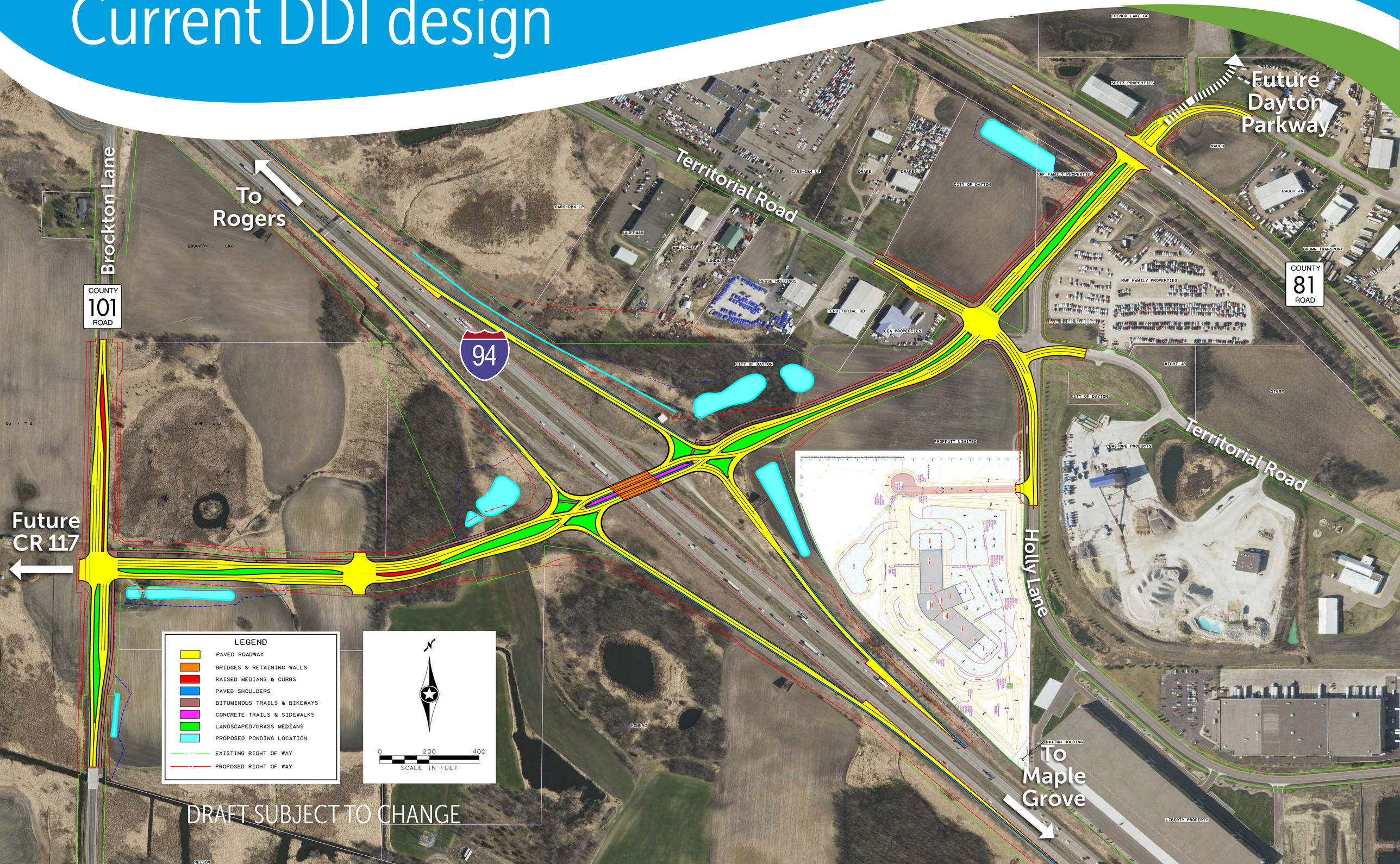


Key benefits of a DDI

- Safety - fewer conflicts than other interchange types
- High capacity - serves demand beyond year 2040
- Better operations - fewer stops, no loops
- Smaller footprint - less right of way
- Maximizes intersection

See video simulation of DDI with 2040 traffic volumes.

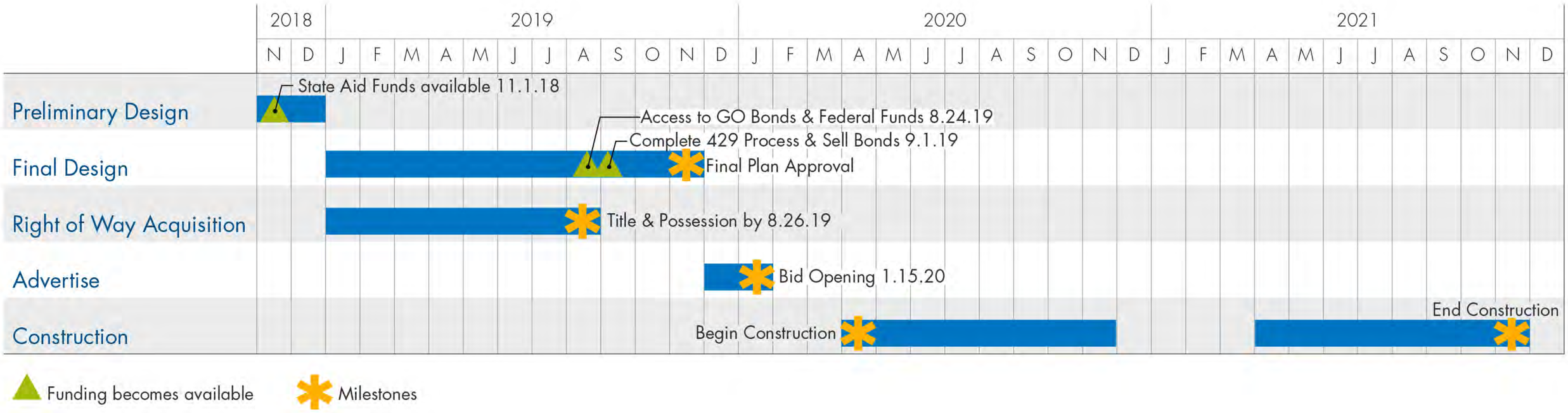
Current DDI design



How can I participate?

- Attend future Dayton Parkway Interchange open houses
- Attend MnDOT open house for I-94 Dayton Parkway Interchange environmental assessment (EA) January 2019
- Complete a comment card

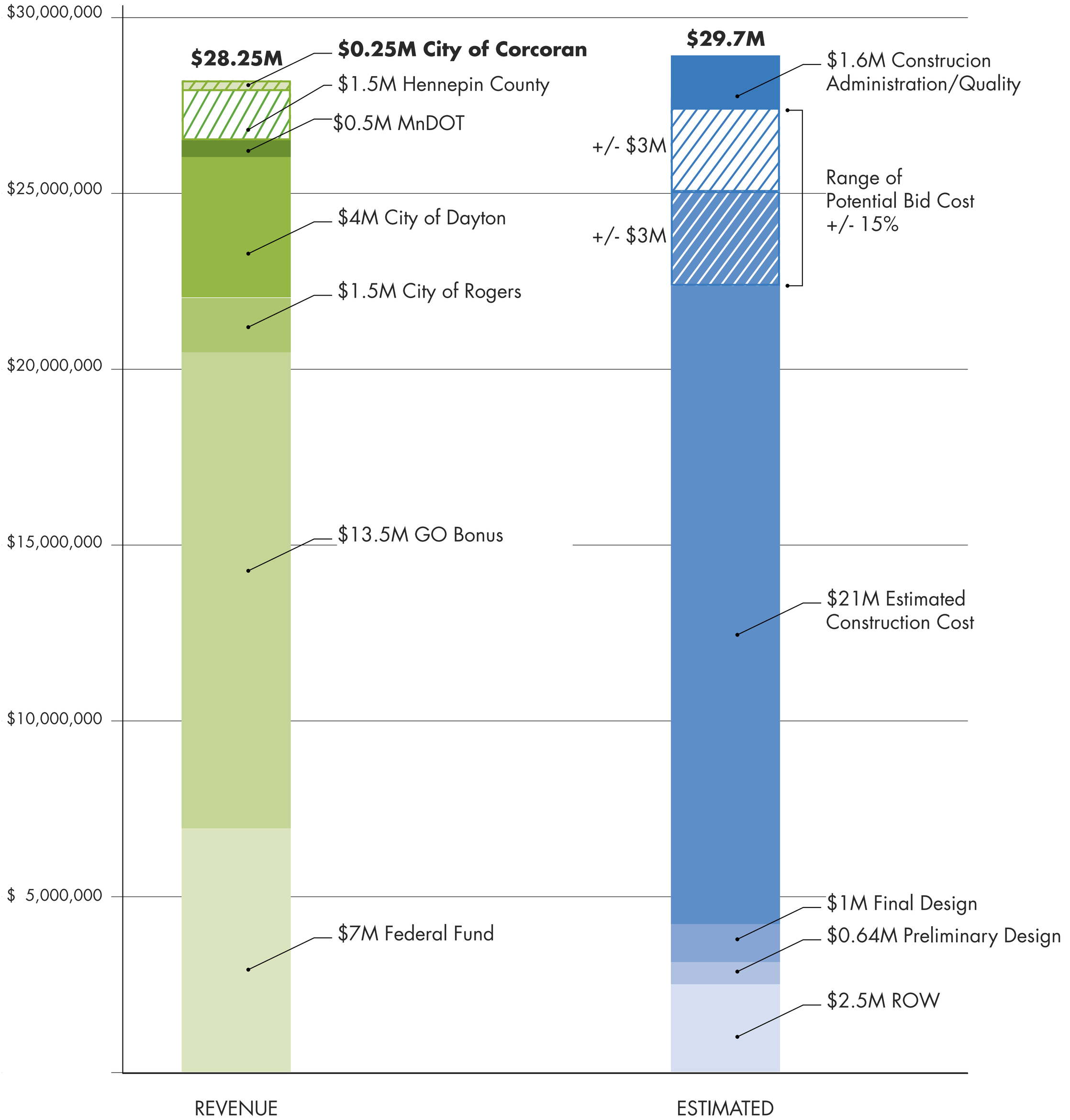
Proposed schedule



What are the key impacts?

■ Wetland impact	2.6 acres
■ Floodplain impact (cubic yards)	18,590 cy
■ Historic/archaeological impacts	No
■ Threatened & endangered species	No
■ Contaminated materials	No
■ Environmental justice	No
■ Farmland impacts	9.3 acres
■ Additional impervious	25.8 acres
■ Estimated construction cost	$21.1 m

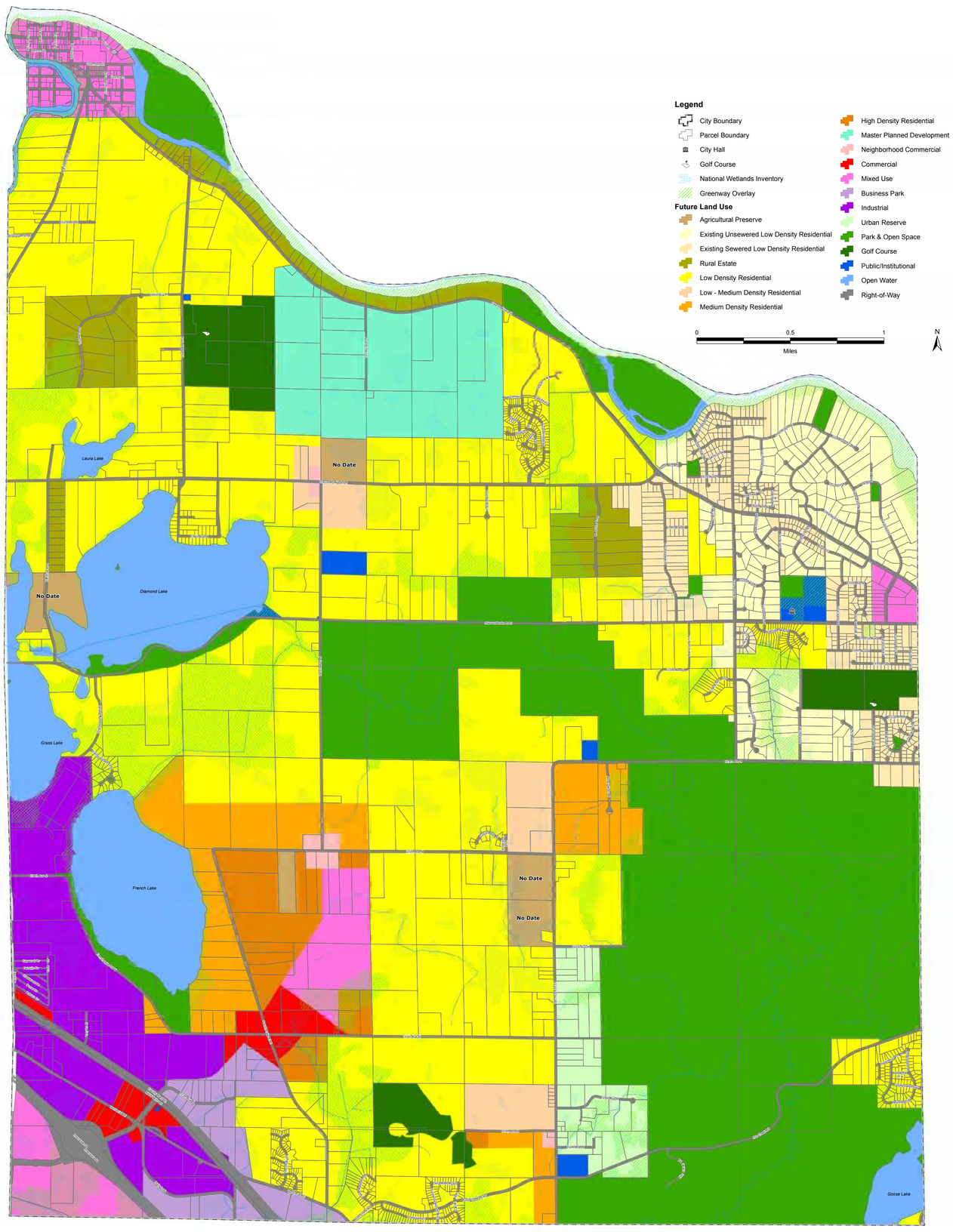
Revenue vs cost

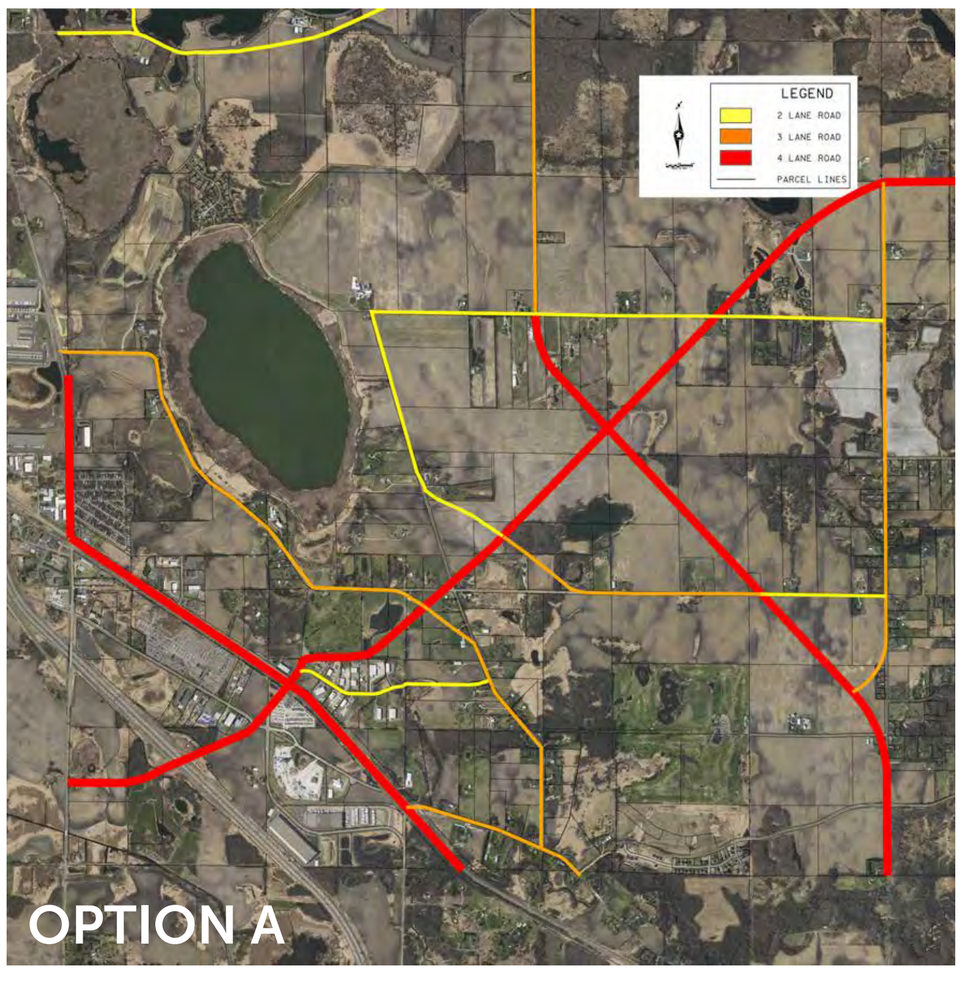
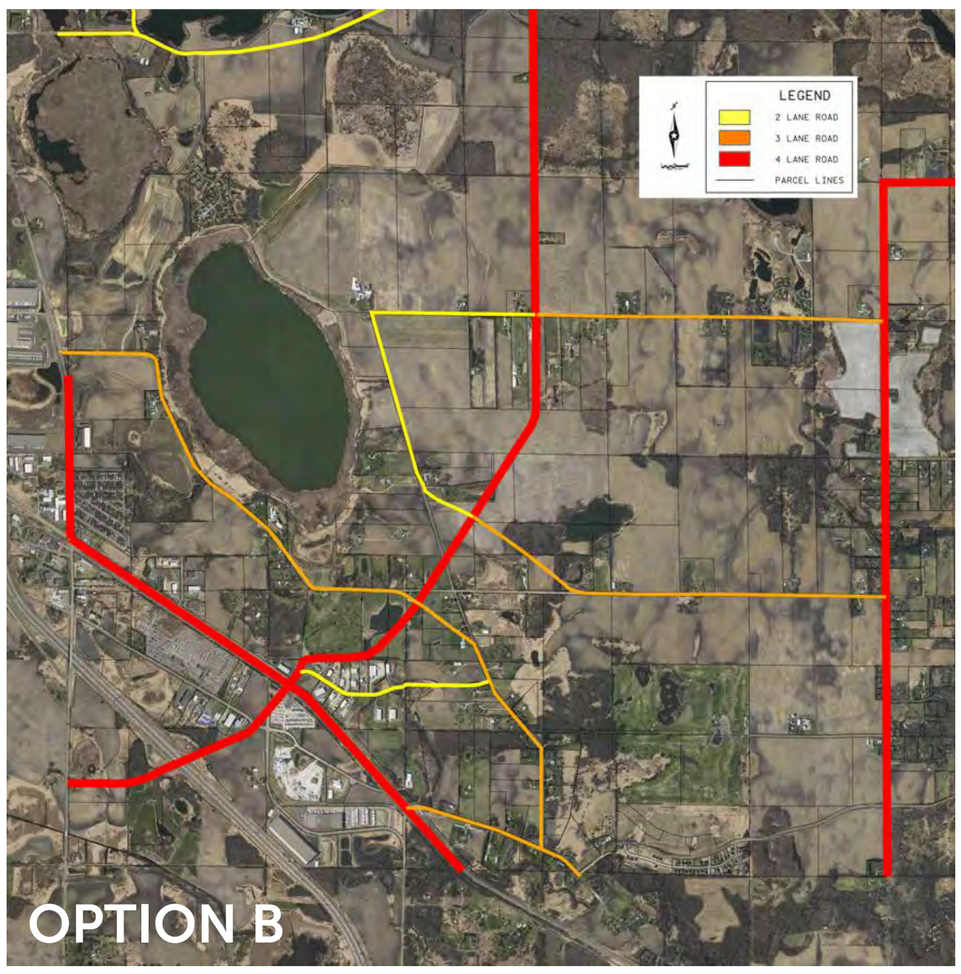
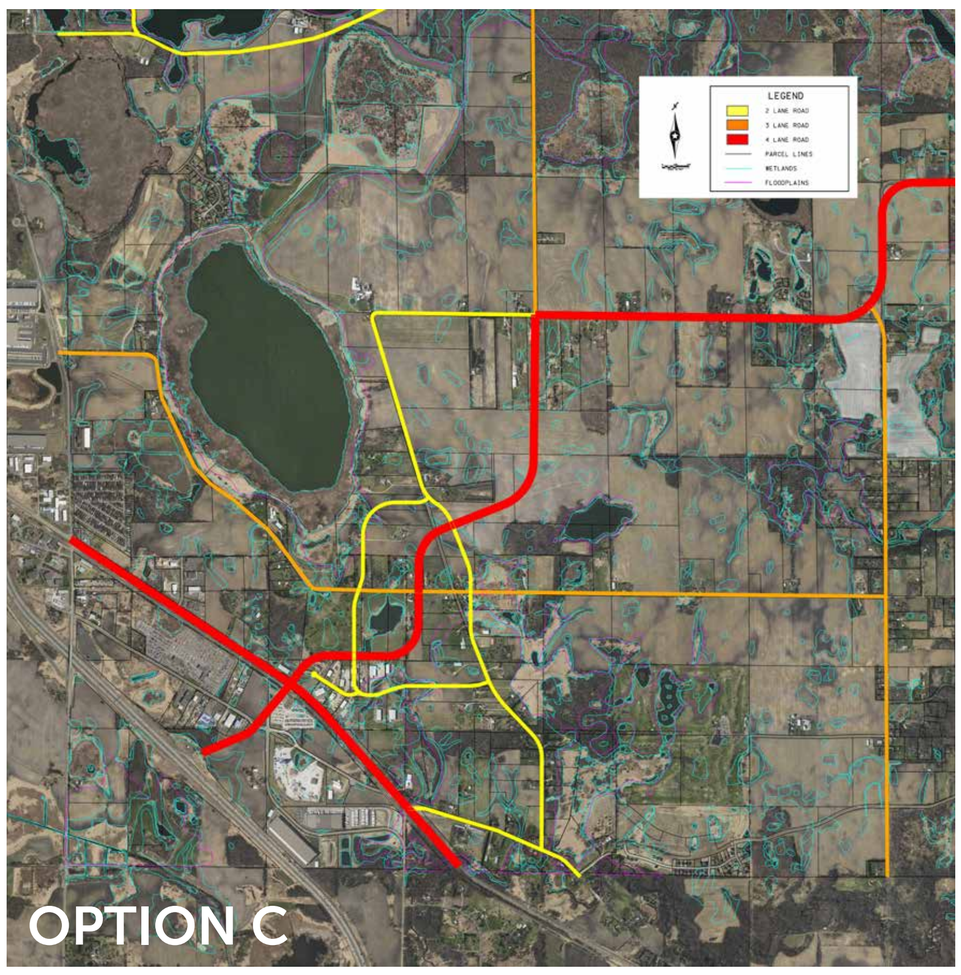


The City of Dayton has worked hard with its partners to garner the necessary revenues and to minimize costs for this important infrastructure investment. The City will continue to look for ways to minimize costs while ensuring that the final outcome will be a valuable asset for the community and region. MnDOT has also contributed $3M+ for an eastbound auxilary lane on I-94.

Local context

Future land use



The Dayton Parkway Interchange and its connections need to fit within the future land use plan and future arterial sytem plan. The City is currently refining its land use and transportation system plan and will be deciding on an arterial system concept to carry forward.

Arterial system concepts