

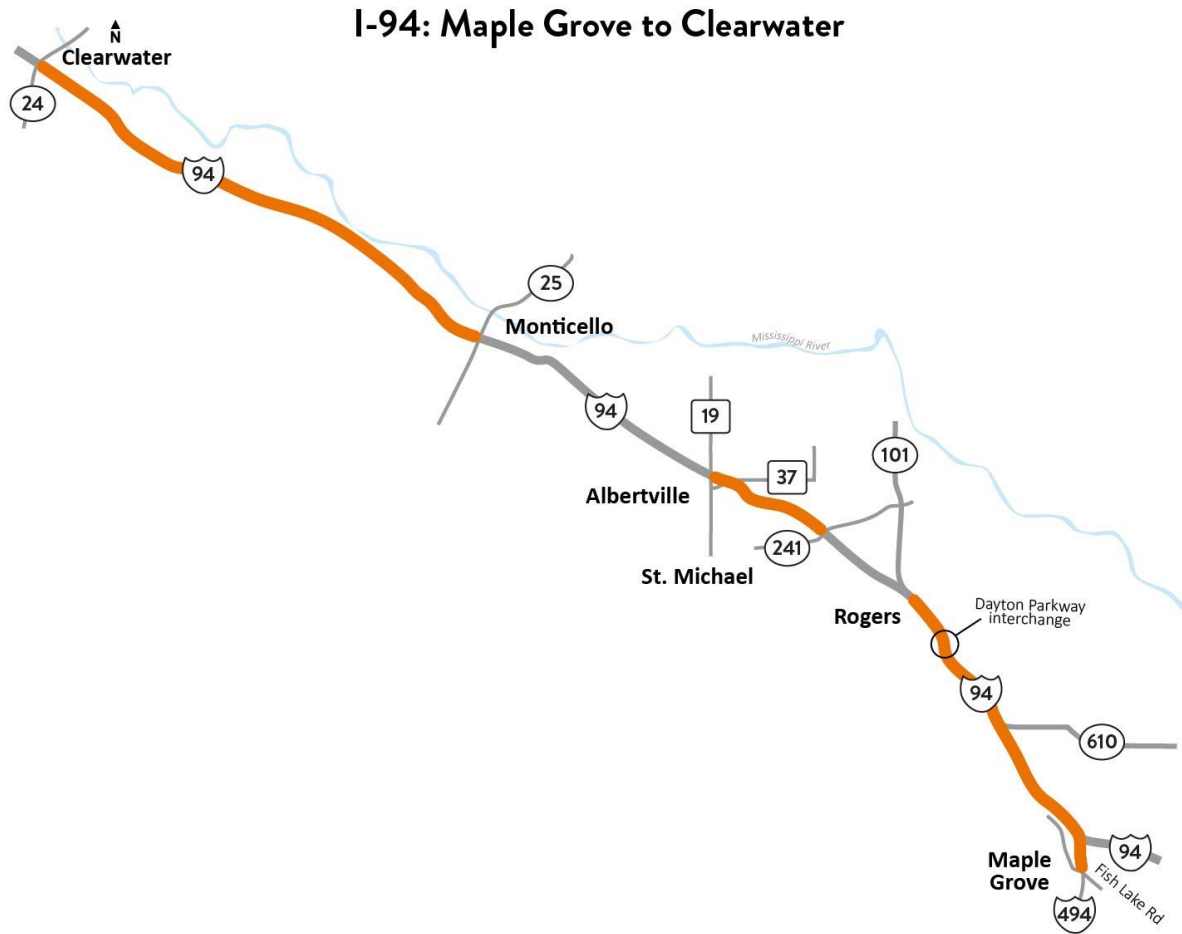


SP 2780-97 I94 Maple Grove to Rogers

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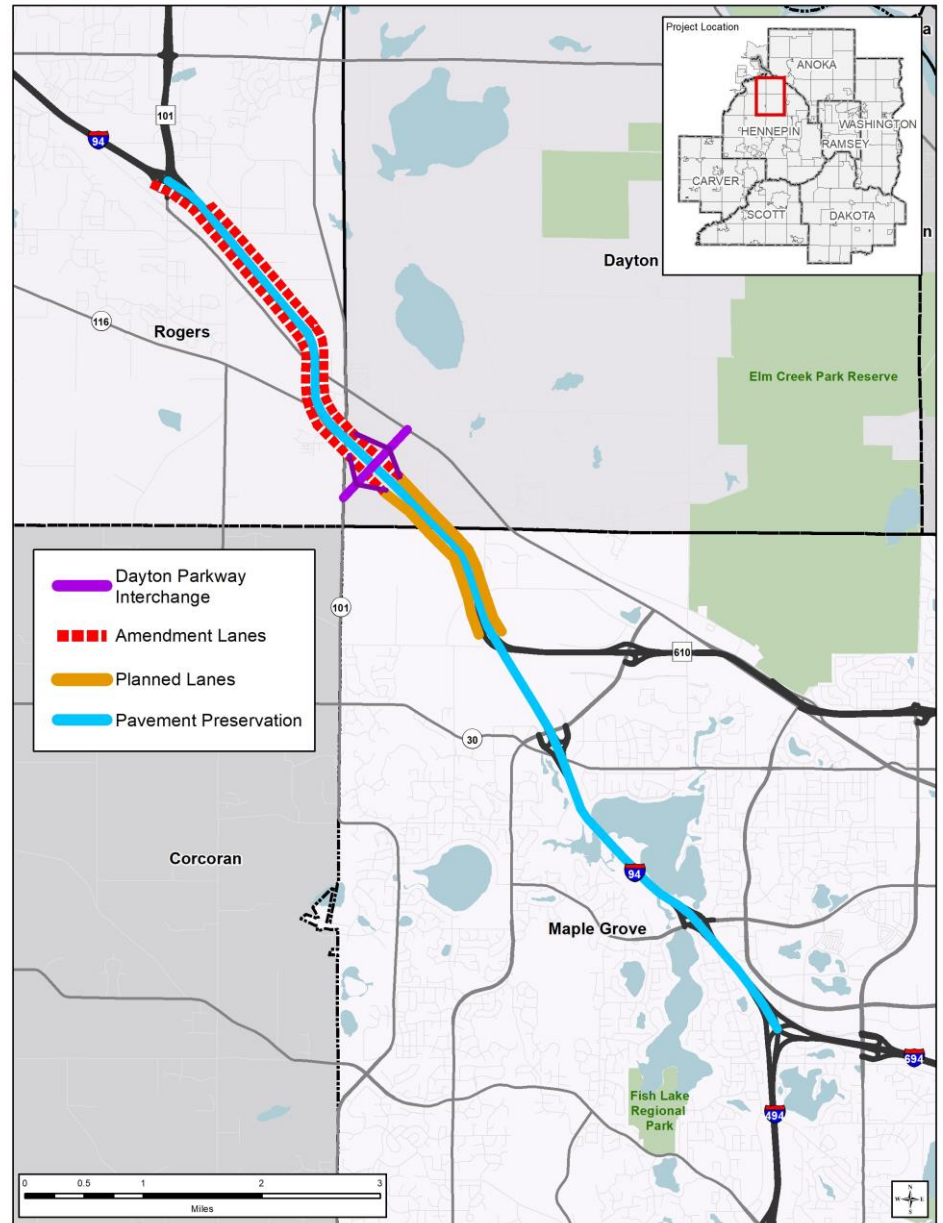
I-94 Projects Coordination



I-94 projects coordination

- Four projects will be done on I-94 from Maple Grove to Clearwater in 2019 to 2021.
- All lanes will remain open on all three projects.
- Goal is to get in, get out, and stay out efficiently.
- Metro District -- Maple Grove to Rogers 2020-2021 (temporary lanes built in summer 2019)
- District 3 -- Albertville to St. Michael 2019–2021
Corridors of Commerce Project
- District 3 -- Monticello to Clearwater 2019–2021
- Coordination with City of Dayton on the Dayton Parkway interchange 2020

I-94 Project Location



I-94 cost of additional lanes

- Add lane in each direction from TH 610 to Dayton Pkwy: \$4,628,049. This scope and cost is required due to the addition of the Dayton Pkwy interchange according to the commitments in the TH 610 Completion Interstate Access Request. (work is included in current TPP)
- Add lane in each direction from Dayton Pkwy to TH 101: \$8,060,806. (TPP amendment)
- Therefore, if you add bullets 1 and 2 together: \$4,628,049 + \$8,060,806 = \$12,688,855 is the total cost to add lanes in each direction from TH 610 to TH 101.

I-94 add lane benefit

- New lanes from Dayton Parkway interchange to TH 101
 - Approximately 3 miles
 - Cost: \$8 million; Benefits: \$36 million; B/C: 4.5
 - Daily Vehicle Hours Saved: 700

I-94 design build

- Design build: Design build is cost competitive. However, final design cost is put into the construction letting, so it makes the letting cost look bigger, but final design is a cost that occurs no matter the method. DB is a better choice to handle project complexity and urgency.

I-94 Total construction costs

- Pavement & ancillary costs: \$107,662,657. This is the cost to do the pavement on I-94 from I-494 to TH 101, and it includes ancillary items like increased pavement thickness, maintaining all lanes open during construction, noise walls (~\$9M+), hydraulics, lights, striping, turf, etc.
- Other MNDOT scope: \$4,258,691. This cost is for other key scope items like, rest area pavement, weigh in motion, ADA upgrades.
- Subtotal: $\$4,628,049 + \$8,060,806 + \$107,662,657 + \$4,258,691 = \$124,610,203$. And we round to \$124.6M.
- Advanced widening project costs \$11.3M.
- Total construction cost: $\$11.3M + \$124.6M = \$135.9M$
- Project included in TIP at \$100M, increase requires TIP amendment

Thank you again!

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