



## Transportation

### **TR-1 Reduce vehicle miles traveled (VMT) through sustainable land use.**

Description: Support mixed-use development in neighborhood commercial centers to encourage close-to-home local shopping and employment opportunities.

Assumptions:

- 2,100 additional units in commercial and multi-family centers by 2035 (80% of all expected multifamily units)
- 3,200 additional units in commercial and multi-family centers by 2050 (85% of all expected multifamily units)

Workshop Notes:



**TR-2 Reduce VMT by improving transit systems**

Description: Coordinate with Community Transit, Sound Transit, and WSDOT to pursue funding opportunities to increase transit service and improve convenience to encourage greater ridership.

Assumptions:

- About 25% of all VMT comes from commuting.
- In 2035, business as usual commuting VMT in Edmonds is projected to be 75million, and by 2050, it would be 83 million.
- 20% of commuters using transit by 2035
- 30% of commuters using transit by 2050

Workshop Notes:



**TR-3 Reduce VMT by promoting active transportation**

Description: Increase bicycle parking, lanes, and trails that connect commercial and mobility hubs in concert with the City's transportation plan.

Assumptions:

- In 2017, 2.4% were biking or walking to work.
- 5% of commuters walking or biking to work by 2035
- 12% of commuters walking or biking to work by 2050

Workshop Notes:



#### **TR-4 Promote carpooling and vehicle-sharing**

Description: Promote and facilitate, where necessary, shared vehicles used, such as school carpooling and vehicle-on-demand parking spaces.

Assumptions:

- In 2017, 9.3% of commuters in Edmonds were carpooling
- 4% reduction in commute VMT by utilization of an alternate work week, and 15% of commuters carpooling by 2035
- 6% reduction in commute VMT by utilization of an alternate work week, and 25% of commuters carpooling by 2050
- Due to the pandemic, in August 2020, the work-from-home rate for white employees was 26%, 19% among Hispanic workers, and 9.4% for Black workers

Workshop Notes:



**TR-5 Promote electric vehicles**

Description: Work with local vehicle dealers to further promote hybrid/electric vehicles within the community.

Assumptions:

- Currently, there are about 37,000 cars registered in Edmonds
- In December 2017, about 370 were electric vehicles (battery or plug-in hybrid). By December 2020, the number had doubled
- Based on PSRC data, it is assumed there would be about 42,000 cars in Edmonds by 2035, and 45,000 cars by 2050
- 9,000 electric vehicles in Edmonds and 21.3% of the City’s fleet converted to electric by 2035
- 15,000 electric vehicles in Edmonds and 33.4% of the City’s fleet converted to electric by 2050
- Automobiles remain in use for 15 years or longer, so to reach 100% reduction in GHG by 2050, fossil-fuel-reliant vehicle sales would have to end by approximately 2035

Workshop Notes:



## **New Strategies**

**We are looking for new ideas and strategies that may have not been included in the Edmonds CAP already. Some examples of new strategies (dates and percentages are suggested, but may be modified):**

### Residential buildings

- Electrify 95% of all homes by 2050
- Require all new houses and apartments to be net-zero, or 100% electric, or 100% electric heat and hot water, with adequate load center to go all electric in future
- Electrify all homes affordable for people earning less than 80% of Median Household Income by 2030 (approximately 40% of all households met this threshold)
- Convert 95% of existing oil furnaces to electric heating by 2030
- Support changes to state building code to achieve net zero energy consumption in new buildings by 2030
- Make 90% of all existing homes electrification-ready with adequate load centers over the next 10 years
- Streamline permitting for all-electric buildings
- Limit the expansion of the natural gas distribution system

### Institutional and commercial buildings and commercial space

- Electrify all businesses, including heating, hot water, and cooking by 2050
- Electrify heating and hot water for all small business spaces by 2030
- Electrify all public schools by 2030
- Restrict or prohibit use of fossil fuels for outdoor heating

### Transportation

- Increase percentage of EV and/or plug-in hybrids registered in Edmonds to 50% of all vehicles by 2030
- Encourage most SOV commuting to be by electric vehicle by 2035
- Equip 75% of all homes and apartment buildings with vehicle charging stations by 2030
- Require all new buildings to be prewired for vehicle charging stations
- Install vehicle charging stations at all public parks by 2025
- Replace all medium- and light-duty delivery vehicles with EVs by 2030
- Replace all medium- and light-duty City vehicles with EVs by 2030
- Support electrification of all transit vehicles by 2030
- Support the use of electric bicycles for commuting and errands



**Use this space to create your own strategies that have not been already proposed in the Edmonds CAP!**

**Title:**

Description:

Considerations:

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Workshop Notes:



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Description:

Considerations:

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Workshop Notes:



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