

SF1395 - 1E - Roadside Signage Auth. for External Defibrillators

Chief Author: **Jeff Howe**
 Committee: **Transportation**
 Date Completed: **2/28/2025 1:58:56 PM**
 Lead Agency: **Transportation Dept**
 Other Agencies:
 Public Safety Dept

| State Fiscal Impact | Yes | No |
|---------------------------|-----|----|
| Expenditures | X | |
| Fee/Departmental Earnings | | X |
| Tax Revenue | | X |
| Information Technology | | X |
| Local Fiscal Impact | | X |

This table shows direct impact to state government only. Local government impact, if any, is discussed in the narrative.
 Reductions shown in the parentheses.

| State Cost (Savings) | | Biennium | | | Biennium | |
|----------------------|--|----------|--------|--------|----------|--------|
| Dollars in Thousands | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Transportation Dept | | - | - | - | - | - |
| Trunk Highway | | - | - | - | - | - |
| State Total | | | | | | |
| Trunk Highway | | - | - | - | - | - |
| Total | | - | - | - | - | - |
| Biennial Total | | | | - | | - |

| Full Time Equivalent Positions (FTE) | | Biennium | | | Biennium | |
|--------------------------------------|--|----------|--------|--------|----------|--------|
| | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Transportation Dept | | - | - | - | - | - |
| Trunk Highway | | - | - | - | - | - |
| Total | | - | - | - | - | - |

Lead LBO Analyst's Comment

I have reviewed this fiscal note for reasonableness of content and consistency with the LBO's Uniform Standards and Procedures.

The fiscal note provides information for the placement of one sign request annually since MnDOT is unable to quantify how many privately and publicly owned AEDs exist in Minnesota.

LBO Signature: Laura Cecko **Date:** 2/28/2025 1:58:56 PM
Phone: 651-284-6543 **Email:** laura.cecko@lbo.mn.gov

State Cost (Savings) Calculation Details

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*Transfers In/Out and Absorbed Costs are only displayed when reported.

| State Cost (Savings) = 1-2 | | Biennium | | | Biennium | |
|--|---|-----------------|---------------|---------------|-----------------|---------------|
| Dollars in Thousands | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Transportation Dept | - | - | - | - | - | - |
| Trunk Highway | - | - | - | - | - | - |
| Total | - | - | - | - | - | - |
| Biennial Total | | | | - | | - |
| 1 - Expenditures, Absorbed Costs*, Transfers Out* | | | | | | |
| Transportation Dept | - | - | - | - | - | - |
| Trunk Highway | - | 4 | 4 | 4 | 4 | 4 |
| Total | - | 4 | 4 | 4 | 4 | 4 |
| Biennial Total | | | 8 | | | 8 |
| 2 - Revenues, Transfers In* | | | | | | |
| Transportation Dept | - | - | - | - | - | - |
| Trunk Highway | - | 4 | 4 | 4 | 4 | 4 |
| Total | - | 4 | 4 | 4 | 4 | 4 |
| Biennial Total | | | 8 | | | 8 |

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|---------------------------|-----|----|
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| Fee/Departmental Earnings | | X |
| Tax Revenue | | X |
| Information Technology | | X |
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| State Cost (Savings) | Biennium | | | Biennium | |
|-----------------------|----------|--------|--------|----------|--------|
| | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Trunk Highway | - | - | - | - | - |
| Total | - | - | - | - | - |
| Biennial Total | | | - | | - |

| Full Time Equivalent Positions (FTE) | Biennium | | | Biennium | |
|--------------------------------------|----------|--------|--------|----------|--------|
| | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Trunk Highway | - | - | - | - | - |
| Total | - | - | - | - | - |

LBO Analyst's Comment

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The fiscal note provides information for the placement of one sign request annually since MnDOT is unable to quantify how many privately and publicly owned AEDs exist in Minnesota.

LBO Signature: Laura Cecko **Date:** 2/28/2025 1:58:33 PM
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| Dollars in Thousands | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Trunk Highway | | - | - | - | - | - |
| Total | | - | - | - | - | - |
| Biennial Total | | | | - | | - |
| 1 - Expenditures, Absorbed Costs*, Transfers Out* | | | | | | |
| Trunk Highway | | - | 4 | 4 | 4 | 4 |
| Total | | - | 4 | 4 | 4 | 4 |
| Biennial Total | | | | 8 | | 8 |
| 2 - Revenues, Transfers In* | | | | | | |
| Trunk Highway | | - | 4 | 4 | 4 | 4 |
| Total | | - | 4 | 4 | 4 | 4 |
| Biennial Total | | | | 8 | | 8 |

Bill Description

The bill establishes steps for placing signs along public roadways to designate outdoor public access external defibrillators.

Section 1 allows those with a defibrillator to request that a public road authority place road signs identifying the location of the device. Signage must be placed between 200 and 300 feet prior to an intersection or between 800 and 1,600 feet prior to an interchange. Within 180 days, or to the extent practicable within 60 days, of receiving a request, the road authority must determine the location and number of signs and place them. Participants must cover the costs associated with installation, maintenance, and removal of signage. This section is effective October 1, 2025.

Section 2 requires MnDOT, by September 1, to develop text and signage for these signs, meeting the criteria of Minnesota Statutes, section 160.802. MnDOT also may accordingly revise chapter 2I of the Minnesota Manual on Uniform Control Devices. The signs must incorporate the universal symbol for a defibrillator, and MnDOT must consult with stakeholders to determine best practices. MnDOT must maintain publicly available information, on its website, about the signage and best practices. This information must include qualifications for a sign, appropriate wayfinding techniques, device registry information, and guidance for local road authorities on appropriate placement and context.

Assumptions

MnDOT assumes that 36" x 36" sign panels will be of sufficient size. MnDOT assumes that sign panels will stand along structures, in soil not concrete. Winter placement will not be feasible, & existing sign structures may not be used. MnDOT assumes that each defibrillator location will require, on average, six signs: two on the interstate to direct to exists, two at the top of exit ramps, and two at the defibrillator location. Multiple sign installations may not always be bundled by route or direction. The estimates below do not include staff time for communication between the requestor and the Office of Traffic Engineering (OTE) or between OTE and the Operations office. Districts typically lose money when installing signs requested by the public. There are 227 rest areas in Minnesota, but MnDOT does not have an estimate of which have working AED's. MnDOT cannot estimate the number of defibrillator signage projects since it cannot quantify how many privately and publicly owned AED's exist in Minnesota and what the appetite is for signage requests. The expenditure/revenue formula provides information for placement of signs for one request, annually.

Expenditure and/or Revenue Formula

- ½ Ton Extended Cab Pick-Up:

- o \$1.12/mile x average of two 40-mile trips = \$89.60
 - Sign Truck for Sign Installation:
 - o \$4.88/mile x average of one 40-mile trip = \$195.20
 - Single Post Sign Structure:
 - o 36" x 36" sign panel: \$129.53
 - o Or \$485.43 for 60" x 60" sign panel
 - Sign Panel Fabrication
 - o \$18.09/sq ft x (36"/(12"/ft))^2 = \$162.81
 - 3.5 Hours from Senior Transportation Generalist
 - o For field spotting, plan layout, and utility locating
 - o 3.5 hrs x \$31.61/hr x 150% for overhead and fringe benefits
 - o \$165.95
 - 2 hours each from 2 Transportation Generalists
 - o For install
 - o 4 hours x \$27.95/hr x 150% for overhead and fringe benefits
 - o \$167.70
- \$89.60 + \$195.20 + (6 signs x (\$129.53 + \$162.81 + \$165.95 + \$167.70)) = **\$4,040.74 per defibrillator location**

Long-Term Fiscal Considerations

There would be an ongoing cost for any needed maintenance and eventual replacement of the signs.

Local Fiscal Impact

None

References/Sources

MnDOT Office of Traffic Engineering

Agency Contact: Catherine Greene

Agency Fiscal Note Coordinator Signature: Catherine Greene

Phone: 612-523-2198

Date: 2/28/2025 1:54:13 PM

Email: catherine.greene@state.mn.us

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 Agency: **Public Safety Dept**

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| Biennial Total | | | | - | | - |

| Full Time Equivalent Positions (FTE) | | Biennium | | | Biennium | |
|--------------------------------------|--|----------|--------|--------|----------|--------|
| | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Total | | - | - | - | - | - |

LBO Analyst's Comment

I have reviewed this fiscal note for reasonableness of content and consistency with the LBO's Uniform Standards and Procedures.

LBO Signature: Laura Cecko **Date:** 2/28/2025 1:31:28 PM
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| Dollars in Thousands | | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 |
| Total | | - | - | - | - | - |
| Biennial Total | | | | - | | - |
| 1 - Expenditures, Absorbed Costs*, Transfers Out* | | | | | | |
| Total | | - | - | - | - | - |
| Biennial Total | | | | - | | - |
| 2 - Revenues, Transfers In* | | | | | | |
| Total | | - | - | - | - | - |
| Biennial Total | | | | - | | - |

Bill Description

The bill within Minn. Stat. 160.802 provides the opportunity for places or businesses to request appropriate directional signage on a roadway that identifies and directs the public to the site where an automatic external defibrillator is located. For this to happen, the location or business must meet registration guidelines and this bill also outlines the proper directional signage on the roadway according to Minn. Stat. 169.06 as well as the markings needed at the location of the external defibrillator. All costs associated with installation, maintenance, and removal of signage must be paid by qualified participants.

Assumptions

Other than situational awareness and local familiarity with the signage and locations of automatic external defibrillators within a trooper's patrol station, the proposal would not incur any specific costs to the agency. It is assumed that the primary jurisdiction (local, county or state) street or sign departments would be responsible for the actual placement of the signage and all costs associated with that work would be the obligation of the participants. Those same departments would also be responsible for maintaining publicly available information regarding general guidance and locations of the external defibrillators on the department's website.

Expenditure and/or Revenue Formula**Long-Term Fiscal Considerations****Local Fiscal Impact****References/Sources****Agency Contact:**

Agency Fiscal Note Coordinator Signature: Brian Awsumb

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