



South Dakota Electric Vehicle Infrastructure Deployment Plan 2023 Update



Submitted to the Joint
Office of Energy and
Transportation

August 1, 2023



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The South Dakota Department of Transportation provides services without regard to race, color, gender, religion, national origin, age or disability, according to the provisions contained in SDCL 20-13, Title VI of the Civil Rights Act of 1964, the Rehabilitation Act of 1973, as amended, the Americans with Disabilities Act of 1990 and Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, 1994. Any person who has questions concerning this policy or who believes he or she has been discriminated against should contact the Department's Civil Rights Office at 605-773-3540.



1. Introduction

1.1. Updates from Prior Plan

This Federal Fiscal Year 2024 (FY2024) update provides a status of South Dakota’s NEVI Plan (Plan) to match the order and guidance provided by FHWA on June 2, 2023 with the Electric Vehicle Infrastructure Deployment Plan template. As directed in the template, South Dakota DOT (SDDOT) is using an abbreviated update to allow South Dakota to receive the annual allocation of NEVI funds. No sections of the Plan have been updated from the previous fiscal year’s Plan.

2. State Agency Coordination

There have been no updates to discussion of SDDOT coordination with other state agencies in developing and approving the Plan.

2.1. Memoranda of Understanding with other agencies

SDDOT has not entered into a memorandum of understanding (MOU) with another state agency to help administer the NEVI Program.

2.2. Interagency Working Group(s)

As described in the “South Dakota Electric Vehicle Infrastructure Deployment Plan” submitted to the Joint Office of Energy and Transportation on Aug. 1, 2022 (Initial Plan), a Technical Advisory Committee was established for the development of the initial plan. This group met one additional time following the submission of the plan; however, SDDOT intends to reformulate a Technical Advisory Committee moving forward. No other interagency working groups have been established.

3. Public Engagement

There have been no updates to the statewide public engagement on EV charging infrastructure.

3.1. Community Engagement Outcomes Report

Community engagement activities in 2023 included soliciting public input on the Plan as part of the Statewide Transportation Improvement Program public input process, as well as continued discussion between SDDOT and South Dakota Tribal Governments.

3.2. Tribal Engagement

The Initial Plan was discussed with Tribal Transportation Officials at the annual Tribal Transportation Improvement Program (TTIP) meeting.



3.3. Utility Engagement

Coordination with utilities occurred during the development of the initial plan. Several utility representatives were members of the Technical Advisory Committee during the development of the Plan. Consultation will be held with the affected utility as site selection and installation begins.

3.4. Site-Specific Public Engagement

Site-specific public engagement will be planned once potential site locations have been identified.

4. Plan Vision and Goals

There have been no updates to the Plan’s Vision and Goals.

5. Contracting

There are no updates concerning contracting for EV charging infrastructure installation.

5.1. Status of Contracting Process

No timelines have been established for State Request for Proposals, Requests for Qualifications, or awarding of contracts for EV charging infrastructure installation.

5.2. Awarded Contracts

No contracts have been awarded.

5.3. Scoring Methodologies Utilized

This is discussed extensively in Section 8.2 of the Initial Plan. This section includes a description of the anticipated process and the criteria associated with developing a “Site Suitability Score.” This will be used to assist SDDOT in selecting applicants and sites. No other scoring methodology or criteria have been developed.

5.4. Plan for Compliance with Federal Requirements

SDDOT has assigned an internal dedicated NEVI Program Coordinator as well as selected a consultant to provide Program Management support. SDDOT intends to include the appropriate contractual language in agreements with applicants related to compliance with Federal requirements.

6. Civil Rights

There are no updates to Civil Rights compliance.



7. Existing and Future Conditions Analysis

There have been no updates to the Existing and Future Conditions Analysis.

7.1. Alternative Fuel Corridor (AFC) Designations

There have been no changes to the Alternative Fuel Corridor designations for South Dakota (see Figure 1).

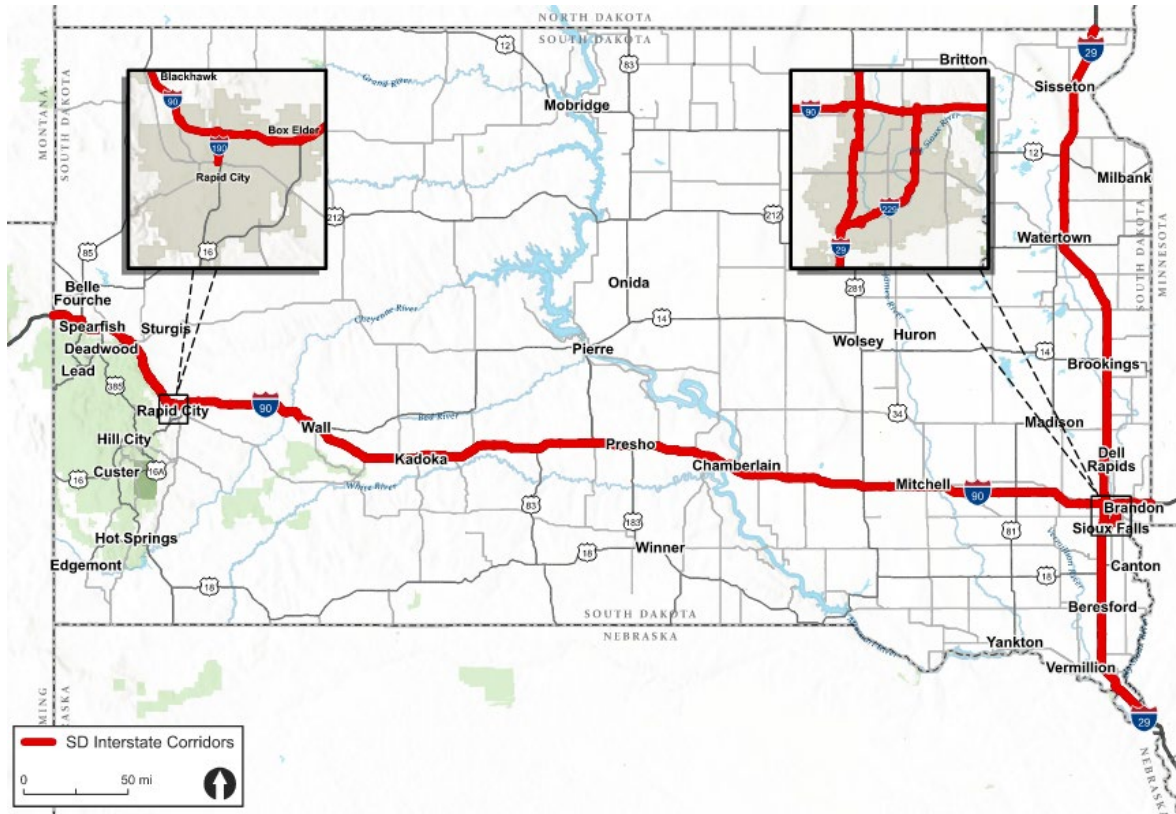


Figure 1. Designated Alternative Fuel Corridor EV Pending Corridors
(Corresponds to Figure 21 from the Initial Plan)

7.2. Existing Charging Stations

There are charging stations in South Dakota as summarized in Table 1 and Figure 2 below; however, only two sites are currently compliant with 2 CFR 680. These sites are located in Rapid City and Wall, South Dakota.



Table 1. List of EV Chargers in South Dakota

Unique ID*	Charger Level (DCFC, L2)	AFC Route	Location (Street Address)	# Ports	EV Network	Meets NEVI?	Build-Out?	Latitude	Longitude	Connector Type
115558	Level 2	NA	1400 8th Ave NW, Aberdeen, SD 57401	3	Tesla	No	No	45.47461	-98.50924	J1772 TESLA
49716	Level 2	NA	4255 6th Ave SE, Aberdeen, SD 57401	1	Non-Networked	No	No	45.46012	-98.42891	J1772
63617	Level 2	NA	701 Auto Plaza Dr, Aberdeen, SD 57401	2	Non-Networked	No	No	45.46959	-98.50099	J1772
145559	Level 2	I-90	4300 Cheyenne Boulevard, Box Elder, SD 57719	2	ChargePoint	No	No	44.09708	-103.1464	J1772
201837	Level 2	I-90	581 Watiki Way, Box Elder, SD 57719	2	ChargePoint	No	No	44.1001	-103.1475	J1772
143246	Level 2	I-90	108 N Heritage Rd, Brandon, SD 57005	2	ChargePoint	No	No	43.59552	-96.61951	J1772
250744	Level 2	I-29	320 5th Ave, Brookings, SD 57006	2	RED_E	No	No	44.30886	-96.79673	CHADEMO J1772 J1772COMBO
191652	Level 2	I-29	520 3rd Street, Brookings, SD 57006	2	ChargePoint	No	No	44.30724	-96.79609	J1772
115559	Level 2	NA	15 Mt Rushmore Rd, Custer, SD 57730	2	Tesla	No	No	43.76443	-103.6079	J1772 TESLA
115560	Level 2	NA	211 Mt Rushmore Rd, Custer, SD 57730	2	Tesla	No	No	43.76546	-103.6045	J1772 TESLA
235593	DCFC	NA	25762 Sidney Park Rd, Custer, SD 57730	1	RED_E	No	No	43.66791	-103.5876	CHADEMO J1772COMBO
115561	Level 2	NA	339 W Mt Rushmore Rd, Custer, SD 57730	2	Tesla	No	No	43.76393	-103.6135	J1772 TESLA
115562	Level 2	NA	342 Mt Rushmore Rd, Custer, SD 57730	2	Tesla	No	No	43.76542	-103.6018	J1772 TESLA
150504	Level 2	NA	535 W Mt Rushmore Rd, Custer, SD 57730	2	Tesla	No	No	43.76348	-103.6163	J1772 TESLA
115565	Level 2	NA	615 Washington St,	2	Tesla	No	No	43.76604	-103.5976	J1772 TESLA



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			Custer, SD 57730							
102406	DCFC	NA	800 Mount Rushmore Road, Custer, SD 57730	8	Tesla	No	No	43.76715	-103.5943	TESLA
115566	Level 2	NA	855 N Fifth St, Custer, SD 57730	2	Tesla	No	No	43.7745	-103.6084	J1772 TESLA
250994	Level 2	NA	100 Pine Crest Lane, Deadwood, SD 57732	2	Tesla	No	No	44.39652	-103.7169	TESLA
262463	Level 2	NA	20 Pine St, Deadwood, SD 57732	2	ChargePoint	No	No	44.37429	-103.7301	J1772
164805	Level 2	NA	360 Main St, Deadwood, SD 57732	2	ChargePoint	No	No	44.38507	-103.7211	J1772
193258	Level 2	NA	555 Main St, Deadwood, SD 57732	2	ChargePoint	No	No	44.37951	-103.726	J1772
240947	Level 2	NA	310 Industrial Rd, Harrisburg, SD 57032	2	ChargePoint	No	No	43.4424	-96.70637	J1772
115567	Level 2	NA	640 S 6th St, Hot Springs, SD 57747	2	Tesla	No	No	43.42548	-103.4705	TESLA
252600	DCFC	NA	500 4th St NE, Huron, SD 57350	1	ChargePoint	No	No	44.36903	-98.20674	CHADEMO J1772COMBO
124566	Level 2	NA	13000 Hwy 244, Keystone, SD 57751	6	Tesla	No	No	43.8986	-103.485	J1772 TESLA
115568	Level 2	NA	24125 Highway 16A, Keystone, SD 57751	2	Tesla	No	No	43.90764	-103.4371	J1772 TESLA
72193	Level 2	NA	24125 US 16A, Keystone, SD 57751	1	Non-Networked	No	No	43.90822	-103.4376	J1772
232928	DCFC	NA	1001 Washington Ave S, Madison, SD 57042	1	ChargePoint	No	No	43.99415	-97.11092	CHADEMO J1772COMBO
102407	DCFC	I-90	1305 W. Havens Street, Mitchell, SD 57301	6	Tesla	No	No	43.70113	-98.0445	TESLA
259790	Level 2	I-90	219 E First Avenue, Mitchell, SD 57301	2	EV Connect	No	No	43.70896	-98.02308	J1772 J1772COMBO



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102408	DCFC	I-90	302 W 5th St., Murdo, SD 57559	4	Tesla	No	No	43.88692	-100.7169	TESLA
250743	DCFC	I-90	602 5th St, Murdo, SD 57559	1	RED_E	No	No	43.88514	-100.7066	CHADEMO J1772COMBO
102409	DCFC	I-90	1000 E Dakota Highway 16, Oacoma, SD 57365	8	Tesla	No	No	43.8032	-99.38337	TESLA
222831	DCFC	NA	1905 North Garfield Ave., Pierre, SD 57501	2	EV Connect	No	No	44.38334	-100.3162	J1772COMBO
262464	Level 2	NA	330 E Sioux Ave, Pierre, SD 57501	2	ChargePoint	No	No	44.36537	-100.3498	J1772
250945	Level 2	NA	700 West Sioux Ave, Pierre, SD 57501	3	Tesla	No	No	44.37165	-100.3615	TESLA
115569	Level 2	NA	713 W Sioux Ave, Pierre, SD 57501	3	Tesla	No	No	44.3712	-100.3622	TESLA
213044	Level 2	I-90	1400 Cambell St, Rapid City, SD 57701	1	ChargePoint	No	No	44.07169	-103.1908	J1772
211689	DCFC	I-90	1400 Cambell Street, Rapid City, SD 57701	1	ChargePoint	No	No	44.07155	-103.191	J1772COMBO
241156	DCFC	I-90	1735 Haines Ave, Rapid City, SD 57701	1	RED_E	No	No	44.10171	-103.2221	J1772COMBO
256395	DCFC	NA	1919 Hope Ct, Rapid City, SD 57701	3	ChargePoint	No	No	44.01946	-103.2512	CHADEMO J1772COMBO
156381	DCFC	I-90	2010 E Mall Dr, Rapid City, SD 57701	1	ChargePoint	No	No	44.10329	-103.1786	J1772COMBO
102410	DCFC	I-90	2200 N. Maple Ave., Rapid City, SD 57701	4	Tesla	No	No	44.1056	-103.2126	TESLA
204844	Level 2	I-90	2323 E Mall Dr, Rapid City, SD 57701	1	EV Connect	No	No	44.10147	-103.1771	J1772
49718	Level 2	I-90	2626 E Mall Dr, Rapid City, SD 57701	1	Non- Networked	No	No	44.10261	-103.1724	J1772
201244	Level 2	NA	409 Deadwood Ave, Rapid City, SD 57702	2	ChargePoint	No	No	44.08827	-103.2613	J1772



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205620	Level 2	I-90	4507 S Interstate 90 Service Rd, Rapid City, SD 57701	2	ChargePoint	No	No	44.10058	-103.1459	J1772
122546	Level 2	I-190	505 N 5th St, Rapid City, SD 57701	1	Tesla	No	No	44.08629	-103.2235	TESLA
46462	Level 2	NA	600 Cambell St, Rapid City, SD 57701	2	Non-Networked	No	No	44.07649	-103.1899	J1772
226554	Level 2	I-190	601 E Omaha St, Rapid City, SD 57701	1	Blink Network	No	No	44.08007	-103.2004	J1772
149379	Level 2	NA	7001 Mt Rushmore Rd, Rapid City, SD 57702	1	ChargePoint	No	No	44.01848	-103.2537	J1772
174703	Level 2	NA	7001 Mt Rushmore Rd, Rapid City, SD 57702	1	ChargePoint	No	No	44.01847	-103.2538	J1772
196381	Level 2	NA	7001 Mt Rushmore Rd, Rapid City, SD 57702	2	ChargePoint	No	No	44.01802	-103.2545	J1772
196382	Level 2	NA	7001 Mt Rushmore Rd, Rapid City, SD 57702	2	ChargePoint	No	No	44.01817	-103.254	J1772
226780	DCFC	I-90	1415 Eglin St, Rapid City, SD 57703	4	Electrify America	Yes	Yes	44.09795	-103.1878	J1772COMBO
115570	Level 2	I-90	100 W 8th St, Sioux Falls, SD 57104	4	Tesla	No	No	43.54887	-96.72681	J1772 TESLA
102411	DCFC	I-29	1900 South Marion Rd, Sioux Falls, SD 57106	8	Tesla	No	No	43.52767	-96.79059	TESLA
115571	Level 2	I-29	2417 S Carolyn Ave, Sioux Falls, SD 57106	4	Tesla	No	No	43.52381	-96.77871	TESLA
115572	Level 2	I-229	2616 E 10th St, Sioux Falls, SD 57103	3	Tesla	No	No	43.54711	-96.69316	TESLA
205665	DCFC	I-229	3015 South Minnesota Avenue, Sioux Falls, SD 57105	1	ChargePoint	No	No	43.51725	-96.73194	J1772COMBO



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115573	Level 2	I-229	3701 W Avera Dr, Sioux Falls, SD 57108	4	Tesla	No	No	43.49055	-96.77054	TESLA
194198	Level 2	I-229	440 E 8th St, Sioux Falls, SD 57103	2	ChargePoint	No	No	43.54954	-96.72159	J1772
47805	Level 2	I-29	4400 W 12th St, Sioux Falls, SD 57107	1	Non-Networked	No	No	43.54395	-96.77724	J1772
115574	Level 2	I-29	4545 W Homefield Dr, Sioux Falls, SD 57106	4	Tesla	No	No	43.52924	-96.78369	TESLA
233342	DCFC	I-229	600 W 41st Street, Sioux Falls, SD 57105	1	EV Connect	No	No	43.51638	-96.73284	J1772COMBO
226177	Level 2	I-229	616 N Main Ave, Sioux Falls, SD 57104	2	ChargePoint	No	No	43.55441	-96.72757	J1772
252637	Level 2	I-229	7601 S Minnesota Ave, Sioux Falls, SD 57108	1	Blink Network	No	No	43.47615	-96.72876	J1772
206602	DCFC	I-229	801 W 41st St, Sioux Falls, SD 57105	1	Non-Networked	No	No	43.51434	-96.73467	J1772COMBO
256049	DCFC	I-29	2410 S Dakota Hwy 10, Sisseton, SD 57262	8	Tesla	No	No	45.65849	-97.01801	TESLA
241155	DCFC	I-90	2728 1st Ave, Spearfish, SD 57783	1	RED_E	No	No	44.48108	-103.8125	J1772COMBO
144995	Level 2	I-90	305 N 27th St, Spearfish, SD 57783	2	ChargePoint	No	No	44.48029	-103.8171	J1772
102412	DCFC	I-90	3275 Old Belle Rd, Spearfish, SD 57783	6	Tesla	No	No	44.52057	-103.8911	TESLA
256698	Level 2	I-90	644 West Jackson Blvd, Spearfish, SD 57783	1	ChargePoint	No	No	44.49126	-103.8687	J1772
237698	DCFC	NA	1314 Princeton Ave, Vermillion, SD 57069	1	ChargePoint	No	No	42.79303	-96.93935	CHADEMO J1772COMBO
143751	Level 2	NA	25 Center St, Vermillion, SD 57069	2	ChargePoint	No	No	42.78009	-96.93182	J1772
203304	DCFC	I-90	311 South Blvd, Wall, SD 57790	4	Electrify America	Yes	Yes	43.98729	-102.2377	J1772COMBO



Unique ID*	Charger Level (DCFC, L2)	AFC Route	Location (Street Address)	# Ports	EV Network	Meets NEVI?	Build-Out?	Latitude	Longitude	Connector Type
149363	DCFC	I-90	418 Main Street, Wall, SD 57790	8	Tesla	No	No	43.99407	-102.2422	TESLA
194588	DCFC	I-29	1320 9th Avenue Southeast, Watertown, SD 57201	8	Tesla	No	No	44.88918	-97.0944	TESLA

*SDDOT has not yet assigned a unique State ID for these Stations. ID shown is based upon a Department of Energy Designation

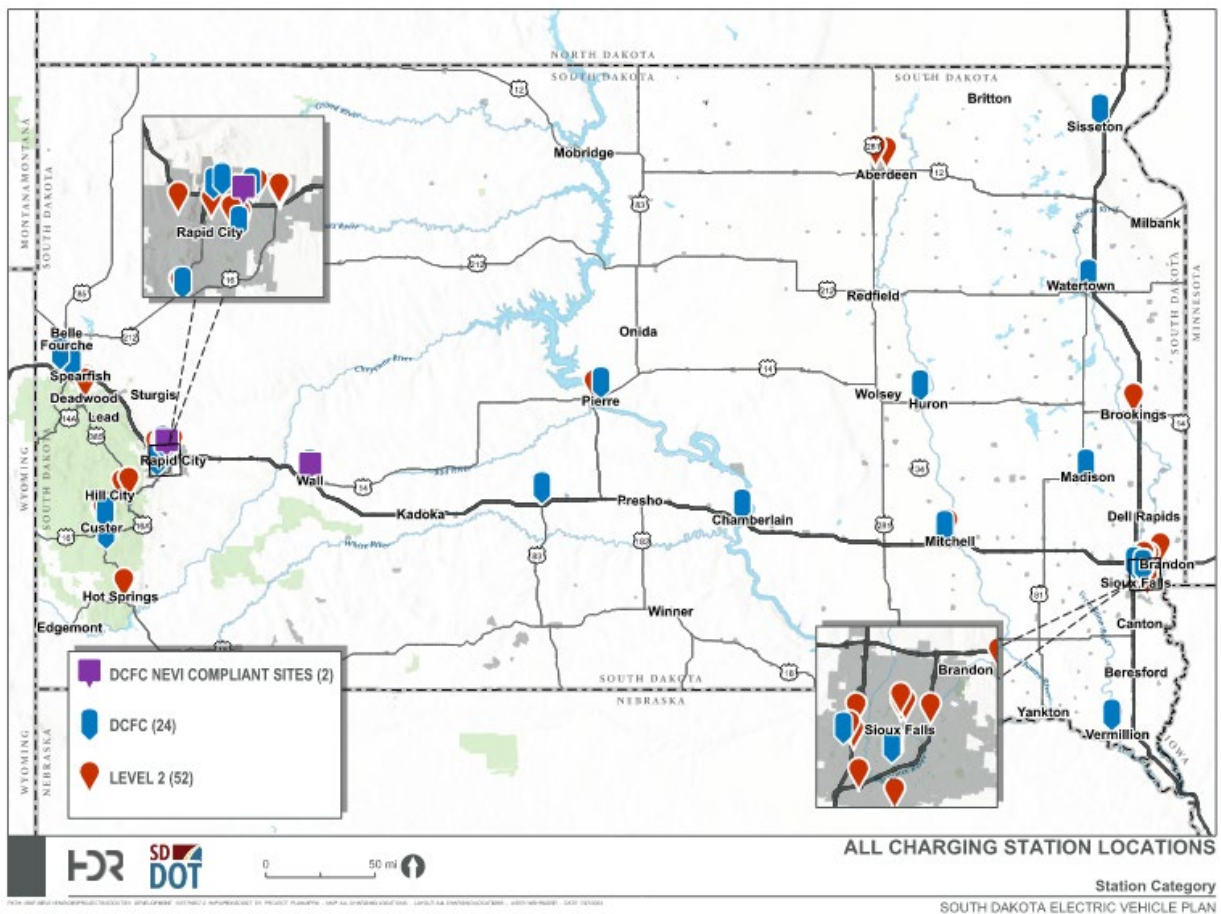


Figure 2. Electric Vehicle Charging Locations in South Dakota

8. EV Charging Infrastructure Deployment

There have been no updates to the EV Charging Infrastructure Deployment.



8.1. Planned Charging Stations

There is no update to the Planned Charging Stations.

8.2. Stations Under Construction

There are no stations under construction corresponding to the Statewide NEVI deployment.

8.3. Planned Stations

SDDOT has not conducted additional planning activities associated with identifying specific locations for planned EVSE deployment. However, the Initial Plan does include one potential set of locations, based upon a minimum number of sites needed to achieve full-build out of the AFCs (see Figure 25 in the initial Plan). Additionally, as discussed in the Initial Plan, SDDOT has vetted interchange locations for potential NEVI locations (see Figure 26 in the Initial Plan).

8.4. Planning Towards a Fully Built Out Determination

SDDOT has not established a timeline for build-out as a result of the uncertainty in FHWA requirements for the procurement and construction process. SDDOT does intend to initiate additional planning activities regarding NEVI in FY2024. These activities will include:

- Reviewing state law for potential contracting methods.
- Reviewing procurement practices used for NEVI in other states.
- Developing detailed guidelines on the NEVI project solicitation process, award process (including application evaluation criteria), agreement process, and monitoring process in accordance with state and federal requirements.
- Developing application form(s) and other procurement documents.
- Developing and maintaining a database of all known possible applicants for NEVI funding within South Dakota.

9. Implementation

There are no updates to Implementation.

10. Equity Considerations

FHWA has published definitive guidance on the ability of NEVI chargers to be physically separated to different establishments at a given interchange. This was previously discussed in Section 6.6.3 of the Initial Plan, “Challenge #3: Creating Opportunities for Small or Disadvantaged Business” and again as a potential site layout option in Section 8.7 “Potential Site Layouts” (Figure 33). This update removes the concept of physically splitting NEVI chargers as part of the initial NEVI build-out.



10.1. Identification and Outreach to Disadvantaged Communities (DACs) in the State

There are no updates to Identification and Outreach to Disadvantaged Communities.

10.2. Process to Identify, Quantify, and Measure Benefits to DACs

There are no updates to the Process for Identifying, Quantifying, and Measuring Benefits to DACs. However, SDDOT notes that Section 10.2 and Section 10.3 provide a detailed discussion of the anticipated process to identify, quantify, and measure benefits to DACs. This discussion includes examples of the specific calculations that are anticipated.

11. Labor and Workforce Considerations

There are no updates to Workforce and Labor considerations.

12. Physical Security & Cybersecurity

There are no updates to Cybersecurity.

The following physical security language is being added through this update:

Physical security of all EVSE, electrical, and other infrastructure and equipment at a charging site will be the responsibility of the Applicant. Physical security strategies may include topics such as: lighting, siting and station design to ensure visibility from onlookers; driver and vehicle safety; video surveillance, emergency call boxes, fire prevention, charger locks, as well as strategies to prevent tampering and illegal surveillance of payment devices.

13. Program Evaluation

There is no update to Program Evaluation.

14. Discretionary Exceptions [if any]

SDDOT is not seeking any discretionary exceptions at this time.

Appendix A: Supporting Materials