

**APPENDIX D-4**  
**Beneficiary Eligible Mitigation Action Certification**

**BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION**

---

Beneficiary \_\_\_\_\_

Lead Agency Authorized to Act on Behalf of the Beneficiary \_\_\_\_\_  
*(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)*

<b>Action Title:</b>	
<b>Beneficiary's Project ID:</b>	
<b>Funding Request No.</b>	<i>(sequential)</i>
<b>Request Type:</b> (select one or more)	<input type="checkbox"/> Reimbursement <span style="margin-left: 200px;"><input type="checkbox"/> Advance</span> <input type="checkbox"/> Other (specify): _____
<b>Payment to be made to:</b> (select one or more)	<input type="checkbox"/> Beneficiary <input type="checkbox"/> Other (specify): _____
<b>Funding Request &amp; Direction (Attachment A)</b>	<input type="checkbox"/> Attached to this Certification <input type="checkbox"/> To be Provided Separately

**SUMMARY**

<b>Eligible Mitigation Action</b> <input type="checkbox"/> Appendix D-2 item (specify): _____ <b>Action Type</b> <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal): _____
<b>Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):</b>
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b>
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b>
<b>Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):</b>
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b>
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b>
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b>

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).

**ATTACHMENTS**  
(CHECK BOX IF ATTACHED)

- Attachment A Funding Request and Direction.
- Attachment B Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
- Attachment C Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
- Attachment D Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
- Attachment E DERA Option (5.2.12). [Attach only if using DERA option.]
- Attachment F Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]


**CERTIFICATIONS**

By submitting this application, the Lead Agency makes the following certifications:

1. This application is submitted on behalf of Beneficiary \_\_\_\_\_, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
5. Beneficiary will maintain and make publicly available all documentation submitted in

**support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)**

**DATED:** 09/06/2023

  
Gehan M. Elsayed, PhD, PE  
Chief Engineer of Planning and Programs  
WVDOT Division of Highways

---

[LEAD AGENCY]

for

State of West Virginia

---

[BENEFICIARY]

**ATTACHMENT B**

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN  
INCLUDING DETAILED BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE**

*ACTION TITLE: WVU EVSE*

*BENEFICIARY PROJECT ID: VW008*

*FUNDING REQUEST NUMBER: 8*

This action is proposed as a reimbursable agreement to install a number of Level-2 and Level-3 EVSE chargers totaling up to, but not to exceed, \$303,296.05. The project will follow established and typical competitive procurement practices in accordance with State Law.

The Beneficiary intends to submit no more than three (3) \*reimbursement\* Attachment A for electronic transfer directly to the recipient over the course of the Project.

Approximate dates of electronic transfer(s): Quarter 3, 2024

DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

ACTION TITLE: WVU EVSE

BENEFICIARY PROJECT ID: VW008

FUNDING REQUEST NUMBER: 8

Beneficiary intends to provide actual implementation reporting to satisfy Subparagraph 5.3 of the Trust Agreement, which states:

**5.3 Beneficiary Reporting Obligations:** *For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt.*

# **Proposal for Public-Facing EV Charging Infrastructure from West Virginia University from Volkswagen Settlement Funds**

**June 2023**

## **Proposal Team**

Jeremy Evans, Director of Transportation

Joe Patten, Assistant Vice President of Planning/Design/Construction/Scheduling/Transportation

Traci Knabenshue, Director of Sustainability

## **Introduction**

West Virginia University (WVU) would like to request funding of \$300,000 from the Volkswagen settlement funds reserved for public-facing electric vehicle (EV) charging to install EV charging stations on our campus. WVU has a commitment to implementing sustainability on the physical campus and in operational activities. The expansion of EV charging capabilities for students, faculty, staff, alumni, and visitors will provide an amenity requested by these groups, will improve national EV charging infrastructure networks with off-interstate connectivity, will fulfill in-part goals laid out by the WV NEVI plan required by the Infrastructure Investment and Jobs Act, and will continue WV's longstanding tradition as an energy provider in many forms.

## **Mix of Charging Types**

WVU sees the need and has the power capabilities in several lots to accommodate Level 2 charging stations. The University also sees the great potential that DCFast chargers have for the campus. Many regular campus population members are on campus for short periods of time, and campus serves as a major event destination in Morgantown where attendees are often visiting for only 1-2 hours. DCFast charging would serve these users well. WVU intends to let an EV vendor look at a list of potential locations and make recommendation on which sites are most appropriate for the 2 charger types.

## **Parking Lot Types**

WVU has parking areas listed that are either short term or permitted. Lots listed as short term are paid for on an hourly basis. All permitted lots listed are gateless, meaning any vehicle can enter the lot. The University plans to designate spaces within those lots for EV charging that are open to the public without need for a permit. These spaces will be listed on the university website, marked with clear signage stating the intended purpose and use of the spaces, and advertised as open to all. WVU will task transportation and parking teams as well as university police with monitoring appropriate use and a maximum charging time.

## **EV Charging Agreement Structure**

WVU may or may not participate in the site preparation for each station but desires the EV charging company to install the stations themselves, handle the Point-of-Sale operations to customers wishing to charge vehicles, and perform ongoing maintenance and upgrades. WVU will participate in the management of the parking spaces, implementing violation codes for non-electric vehicles parked in the charging spaces, as well as vehicles parked in spaces longer than reasonable to charge electric vehicles.

**Procurement of EV Charging Vendor**

WVU has contacted potential EV vendors and the estimated price per Level 2 charger is around \$15,000 and the cost per DCFast charger is around \$75,000. WVU will incur some costs installing the proper power capabilities from the closest tie-ins to the chosen parking spaces. WVU will release an RFP to select a vendor who will help the university narrow down locations and mix of charging types.



West Virginia University

**Amount Requested:** \$300,000

**Number of Chargers:** 10-14

Note on Permitted Lots:

**Potential Locations:**

**Map Key**     = Level 2     = DCFast     = Level 2 or DCFast

WVU Downtown Campus

Area	Parking Lot Type	Charger Type
Mountainlair 2 <sup>nd</sup> Floor	Short Term	DCFast
White Hall	Permitted	Level 2
Life Sciences-Area 7	Permitted	Level 2 or DCFast
Ming Hsieh Hall	Permitted	Level 2



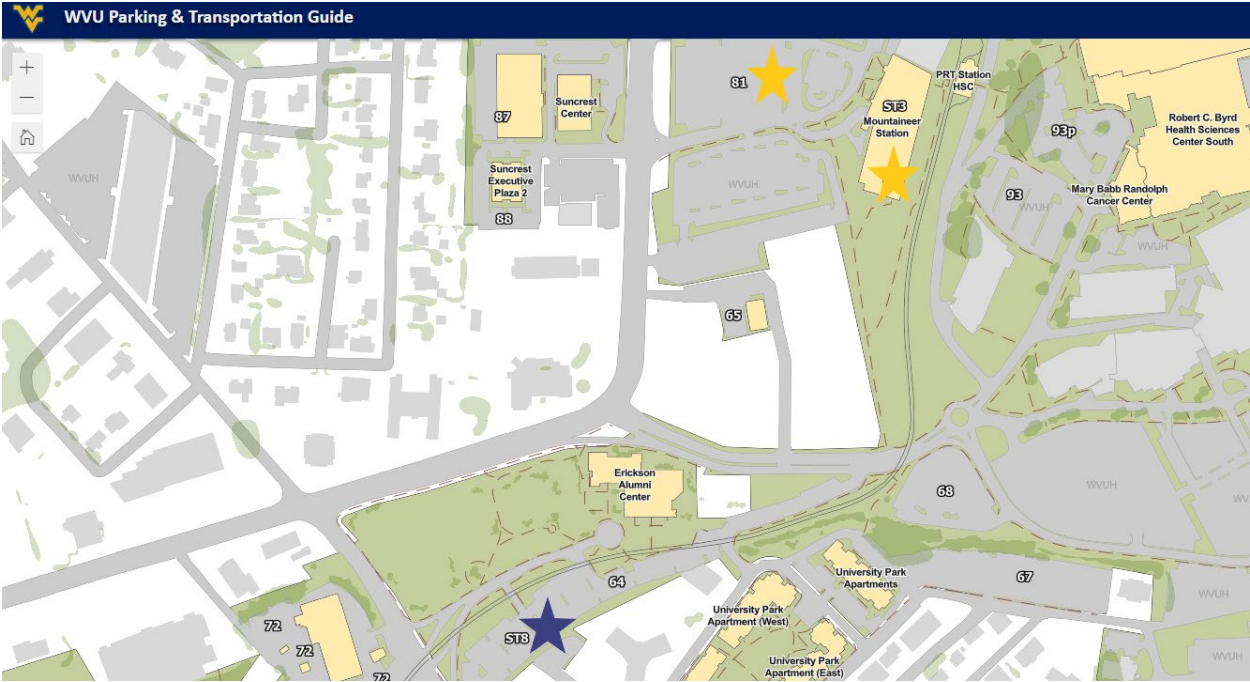
WVU Evansdale Campus

Area	Parking Lot Type	Charger Type
NRCCE beside building	Permitted	Level 2 or DCFast
NRCCE across street	Permitted	Level 2
Creative Arts Center	Permitted and Short Term	Level 2 or DCFast
Rec Center and Evansdale Crossing	Short Term	Level 2 or DCFast
Water Tower	Short Term	DCFast
Coliseum	Permitted and Short Term	Level 2 or DCFast



WVU HSC Campus

Area	Parking Lot Type	Charger Type
Mountaineer Station Garage	Short Term	Level 2
Mountaineer Station Lot	Permitted and Short Term	Level 2
Alumni Center	Short Term	DCFast



**Assumptions**

The minimum, mean, and maximum kilowatt hours (kWh/year) dispensed estimates for each location having 1 Level-2 charger and 1 DCFC as provided by Perry McCutcheon. The average electric vehicle miles per kWh was based on the state of Arkansas value in their beneficiary eligible mitigation action certification

The kWh dispensed times miles per kWh = equivalent miles

The equivalent miles times grams of NOx per mile driven = grams of NOx saved

The grams of NOx produced per mile from unleaded gasoline comes from EPA's MOBILE 6.2

Grams of NOx saved divided by 1,000,000 = metric tons of NOx saved

EV Average (miles per kWh)	NOx reduced per mile (grams)	Minimum (kWh/year)	Mean (kWh/year)	Maximum (kWh/year)
3.2	0.693	70,000	150,000	220,000
Anticipated NOx reductions (Tons per year)		0.16	0.33	0.49

Calculation:

kWh/year x miles/kWh x grams NOx divided by 1,000,000



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

**Division of Highways**

1900 Kanawha Boulevard East • Building Five • Room 110  
Charleston, West Virginia 25305-0430 • (304) 558-3505

Alanna J. Keller, P.E.  
Deputy Secretary of Transportation  
Deputy Commissioner of Highways

Jimmy Wriston, P.E.  
Secretary of Transportation  
Commissioner of Highways

August 7, 2023

Ms. Traci Knabenshue  
Sustainability Director  
Marina Tower  
48 Donley Street, Fourth Floor  
Post Office Box 6433  
Morgantown, West Virginia 26506

Dear Ms. Knabenshue:

I am pleased to express the intent, on behalf of the State of West Virginia, acting as West Virginia's Lead Agency for the Volkswagen Mitigation Settlement, for the reimbursement of up to \$303,296.00 for the installation of Electric Vehicle Supply Equipment (EVSE) at various West Virginia University locations. This action is consistent with the State Beneficiary Mitigation Plan under "Priority 4: Electric Vehicle Charging Equipment." The Plan can be accessed at [go.wv.gov/volkswagen](http://go.wv.gov/volkswagen) for details. We will be working through the Trustee's procedures to develop a reimbursable agreement soon.

In the meantime, should you have any questions or concerns, please contact Mr. Perry McCutcheon, Project Manager, with our Visualization Unit within the Planning Division at (304) 414-6928 or by email at [Perry.J.McCutcheon@wv.gov](mailto:Perry.J.McCutcheon@wv.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "Jimmy Wriston, P.E.", written in a cursive style.

Jimmy Wriston, P.E.  
Secretary of Transportation/  
Commissioner of Highways

JW:Mm