20 October, 2020 3139 Anne-Marie Court Gig Harbor, WA 98335

Washington State Advisory Council on Historic Preservation Department of Archaeology and Historic Preservation PO Box 48343 Olympia, WA 98501

Attn: Michael Houser, State Architectural Historian

Dear Members of the Washington State Advisory Council on Historic Preservation,

I am writing to urge your support for adding the Apollo Lunar Roving Vehicles on the Moon to Washington's Heritage Register. Fifty years ago, as a young engineer, I was privileged to be part of the Boeing team that developed the Lunar Rover. It was an exciting and challenging time and a milestone for me in what would become a 34 year career.

The Lunar Rover is history's first and only crewed surface transportation system designed to operate on the Moon. Never has so much imagination, research and public investment gone into the production of a wheeled vehicle, making possible the greatest human explorations of the Moon in 1971-72. At its Kent-based Space Center, The Boeing Company designed, tested and built the four-wheeled vehicles NASA used during Apollo Missions 15, 16 and 17.

The Lunar Rovers represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo Program. Countless numbers of Boeing employees and subcontractors worked on the Lunar Rovers, and their achievement remains of major historical value to the city, the state, and our nation. I believe that this designation would not only serve as recognition of that effort but more importantly serve as a motivating symbol to future generations.

I support adding the Apollo Lunar Rovers to Washington's Heritage Register and appreciate your consideration.

Sincerely,

Harris E. Atkins

TEAM MEMBER

....fir/t manned lunar roving vehicle

APOLEO 15

AROS P. ATENTS

From: Betsey Curran

To: <u>Houser, Michael (DAHP)</u>
Subject: Apollo Lunar Rover Vehicles

**Date:** Monday, October 19, 2020 8:17:41 PM

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Washington State Advisory Council on Historic Preservation

Department of Archaeology and Historic Preservation

PO Box 48343

Olympia, WA 98501

Attn: Michael Houser, State Architectural Historian

Dear Members of the Washington State Advisory Council on Historic Preservation,

I am writing to urge your support for adding the Apollo Lunar Roving Vehicles on the Moon to Washington's Heritage Register.

The Lunar Rover is history's first and only crewed surface transportation system designed to operate on the Moon. Never has so much imagination, research and public investment gone into the production of a wheeled vehicle, making possible the greatest human explorations of the Moon in 1971-72. At its Kentbased Space Center, The Boeing Company designed, tested and built the four-wheeled vehicles NASA used during Apollo Missions 15, 16 and 17.

The Lunar Rovers represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo Program. Countless numbers of Boeing employees and subcontractors worked on the Lunar Rovers, and their achievement remains of major historical value to the city, the state, and our nation.

I support adding the Apollo Lunar Rovers to Washington's Heritage Register and appreciate your consideration of the same.

Sincerely,

Betsey Curran

Curran Law Firm P.S. 555 West Smith Street Post Office Box 140 Kent, WA 98035-0140

curranfirm.com

March 18, 2020

Washington State Advisory Council on Historic Preservation Department of Archaeology and Historic Preservation PO Box 48343 Olympia, WA 98501

Attn: Michael Houser

Dear Members of the Washington State Advisory Council on Historic Preservation,

Please add the Apollo Lunar Roving Vehicles ("LRVs") that remain on the Moon, and which were designed and built in Kent, Washington, to Washington's Heritage Register.

The LRVs are the only manned vehicles to operate on the surface of a planet or moon beyond Earth. The three LRVs that were left behind on the Moon are monuments to the imagination, research and public investment that went into the greatest manned explorations ever in 1971-72. Each of the LRVs was designed, tested and built at Boeing's Kent-based Space Center for NASA and used during Apollo Missions 15, 16 and 17.

The LRVs represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo program. Countless numbers of Boeing employees and subcontractors worked on the LRVs, and their achievement has major historical value to the city, the state, and our nation.

Please add the Apollo Lunar Rovers that remain on the Moon to Washington's Heritage Register. Thank you for your time and consideration.

Sincerely,

**CURRAN LAW FIRM P.S.** 

Greg Haffner / ghaffner@curranfirm.com

Erin Herringshaw 708 Market St Tacoma WA 98402 253.951.1958

October 20, 2020

Washington State Advisory Council on Historic Preservation Department of Archaeology and Historic Preservation PO Box 48343 Olympia, WA 98501

Attn: Michael Houser

Dear Members of the Washington State Advisory Council on Historic Preservation,

I am writing to urge your support for adding the Apollo Lunar Roving Vehicles on the Moon to Washington's Heritage Register.

The Lunar Rover is history's first and only manned surface transportation system designed to operate on the Moon. Never has so much imagination, research and public investment gone into the production of a wheeled vehicle, making possible the greatest manned explorations of the Moon in 1971-72. At its Kent-based Space Center, The Boeing Company designed, tested and built the four-wheeled vehicles NASA used during Apollo Missions 15, 16 and 17.

The Lunar Rovers represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo Program. Countless numbers of Boeing employees and subcontractors worked on the Lunar Rovers, and their achievement remains of major historical value to the city, the state, and our nation.

I support adding the Apollo Lunar Rovers to Washington's Heritage Register and appreciate your consideration of the same.

Sincerely,

Erin Herringshaw

 From:
 Lombardi (US), Michael J

 To:
 Houser, Michael (DAHP)

 Cc:
 Wilmot, Michelle

**Subject:** RE: Adding the Lunar Roving Vehicles to Washington's Heritage Register.

**Date:** Friday, March 13, 2020 6:21:30 AM

Attachments: <u>image001.png</u>

Thank you Michael, Best wishes to you as well!

Michael Lombardi, FRAeS Senior Corporate Historian The Boeing Company 425-865-1781



**From:** Houser, Michael (DAHP) [mailto:Michael.Houser@dahp.wa.gov]

Sent: Thursday, March 12, 2020 2:39 PM

To: Lombardi (US), Michael J <michael.j.lombardi@boeing.com>

Cc: Wilmot, Michelle < MWilmot@kentwa.gov>

**Subject:** RE: Adding the Lunar Roving Vehicles to Washington's Heritage Register.

## Michael:

Great to hear from you! Thank you so much for your words of encouragement and support. I will pass your note onto the State Review Board and keep you in the loop about the listing. Our review meeting has been postponed due to virus.. so stay tuned. Stay healthy and be safe!

### **Michael Houser**

State Architectural Historian 360.586.3076 (o) | 360.890.2634 (c) | michael.houser@dahp.wa.gov

My weekly office hours are Monday – Friday 8am to 4:30 pm.

Department of Archaeology & Historic Preservation | <a href="www.dahp.wa.gov">www.dahp.wa.gov</a> 1110 Capitol Way S, Suite 30 | Olympia WA 98501 PO Box 48343 | Olympia WA 98504-8343

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**From:** Lombardi (US), Michael J [mailto:michael.j.lombardi@boeing.com]

**Sent:** Wednesday, March 11, 2020 10:57 AM

To: Houser, Michael (DAHP)

Cc: Wilmot, Michelle

**Subject:** Adding the Lunar Roving Vehicles to Washington's Heritage Register.

Greetings Michael, Hope all is well!

I have been supporting Mayor Dana Ralph and Michele Wilmot of the City of Kent and their brilliant project to recognize the role that our local community played in the Apollo program with the most tangible part being the Lunar Roving Vehicle that Boeing assembled and tested at the Boeing Space Center in Kent, WA.

As a proud member of this community I have always believed that Washington's aerospace legacy is foundational to our state's reputation for innovation and entrepreneurship and I am thrilled that the City of Kent has discovered an excellent symbol of that legacy with the Lunar Rover.

We are currently celebrating the 50<sup>th</sup> anniversary of Apollo and as part of that I have been visiting a number of our museums and other organizations to give presentations about our local space history, including the incredible contributions that our local Boeing employees made to the Apollo program. What I have been amazed to find is that most of our fellow Washingtonians have no idea what was accomplished right here in our backyard. I found this to be rather sad because it is something that we can all be proud of. The LRV project has given the people of Kent something to be very proud of – now it is time to make Washington proud.

As I have been following this project I have discovered that the greatest benefit is the inspiration it is giving to our youth here in Kent, just as the Apollo program inspired me and others in my generation to pursue aerospace careers, the LRV is inspiring the future engineers that are desperately needed by Boeing, Blue Origin and others.

I believe there is so much positive benefit to be gained from this effort that I respectfully urge you to have the LRV added to the Washington Heritage Register, if there is any information or help that I can provide to you or your team for this effort please do not hesitate to contact me.

Kind regards,

Mike

# Senior Corporate Historian The Boeing Company 425-865-1781



From: Keiser, Sen. Karen
To: Houser, Michael (DAHP)

Subject: Adding Apollo Lunar Roving Moon Vehicles to Washington State's Heritage Register

**Date:** Tuesday, October 20, 2020 3:28:36 PM

Attachments: <u>image003.jpg</u>

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Michael Houser, State Architectural Historian
Washington State Advisory Council on Historic Preservation
Department of Archaeology and Historic Preservation
PO Box 48343
Olympia, WA 98501

Dear Members of the Washington State Advisory Council on Historic Preservation,

I am writing to in support of adding Apollo Lunar Roving Moon Vehicles to Washington State's Heritage Register.

In 1971-1972, the Lunar Rover made history as the first and only crewed surface transportation system designed to operate on the Moon. What imagination in scientific and engineering research had to go into these vehicles NASA used during Apollo Missions 15, 16 and 17. The Lunar Rovers were built in Kent and represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo Program. Boeing employees and subcontractors worked on the Lunar Rovers, and their achievement should be recognized as having historical value.

I appreciate your consideration and support of adding the Apollo Lunar Rovers to Washington's Heritage Register.



Senator Karen Keiser

33<sup>rd</sup> District of Washington

President Pro Tem

<a href="http://sdc.wastateleg.org/keiser/">http://sdc.wastateleg.org/keiser/</a>

If you would like to subscribe to my weekly e-newsletter, Click Here

If your concern involves a confidential issue or a whistleblower complaint, please call my office at 360-786-7664 and leave your phone number or a voicemail so we can call you directly. All e-mails are now considered public records and could be revealed through a public records request.

## NORTHWEST EARTH AND SPACE SCIENCES PIPELINE



University of Washington 141 Johnson Box 351310 Seattle, Washington 98195-1310

October 20, 2020

Washington State Advisory Council on Historic Preservation Department of Archaeology and Historic Preservation PO Box 48343 Olympia, WA 98501

Attn: Michael Houser, State Architectural Historian

Dear Members of the Washington State Advisory Council on Historic Preservation

NASA's Northwest Earth and Space Sciences endorses City of Kent's landmark designation application for the Lunar Rovers on the Moon.

The Northwest Earth and Space Sciences Pipeline (NESSP), funded through NASA's Science Mission Directorate, is a collaborative K-12 education effort serving students, teachers, and their diverse communities throughout the Pacific Northwest. Moreover, NESSP has a covalent relationship with Washington NASA Space Grant Consortium (Space Grant). The goal of Space Grant is to contribute to the nation's science enterprise by funding education, research, and informal education projects through a national network of university-based Space Grant consortia.

The Lunar Rover is history's first and only crewed surface transportation system designed to operate on the Moon. Never has so much imagination, research and public investment gone into the production of a wheeled vehicle, making possible the greatest human explorations of the Moon in 1971-72. At its Kent-based Space Center, The Boeing Company designed, tested and built the four-wheeled vehicles NASA used during Apollo Missions 15, 16 and 17.

The Lunar Rovers represent a signification contribution to Kent's history as a center for space technology development, as well as Washington's role in the historic Apollo Program. Countless numbers of Boeing employees and subcontractors worked on the Lunar Rovers, and their achievement remains of major historical value to the city, the state, and our nation.

With the planned return of humans to the Moon in 2024, the significance of what was achieved under the Apollo missions will again come to the forefront for inspiration of what human kind has achieve over the last several decades and what is likely to be achieved in this century.

The Apollo Lunar Rovers are the foundation for these next steps, and provides an inspiration for a sense of examining our place in the universe that may produce the next generation of astronauts, scientists, engineers and business leaders. We cannot imagine flight without thinking of the Wright Brothers. So too, while human exploration will always look back at what was achieved with the Apollo Lunar Rovers.

I therefore fully endorse the application of adding the Apollo Lunar Rovers to Washington's Heritage Register and appreciate your consideration of the same.

Sincerely,

**Professor Robert Winglee** 

R Wyle

Director

Northwest Earth and Space Sciences Pipeline