

Fiscal Note

State of Alaska
2022 Legislative Session

Bill Version: SB 203
Fiscal Note Number: _____
() Publish Date: _____

Identifier: SB203-DOT-COM-2-25-22
Title: PURPLE HEART TRAIL
Sponsor: REVAK
Requester: Senate Transportation

Department: Department of Transportation and Public Facilities
Appropriation: Administration and Support
Allocation: Commissioner's Office
OMB Component Number: 530

Expenditures/Revenues

Note: Amounts do not include inflation unless otherwise noted below.

(Thousands of Dollars)

	FY2023 Appropriation Requested	Included in Governor's FY2023 Request	Out-Year Cost Estimates				
OPERATING EXPENDITURES	FY 2023	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Personal Services							
Travel							
Services	237.7						
Commodities							
Capital Outlay							
Grants & Benefits							
Miscellaneous							
Total Operating	237.7	0.0	0.0	0.0	0.0	0.0	0.0

Fund Source (Operating Only)

1004 Gen Fund (UGF)	237.7						
Total	237.7	0.0	0.0	0.0	0.0	0.0	0.0

Positions

Full-time							
Part-time							
Temporary							

Change in Revenues

None							
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Estimated SUPPLEMENTAL (FY2022) cost: 0.0 (separate supplemental appropriation required)

Estimated CAPITAL (FY2023) cost: 0.0 (separate capital appropriation required)

Does the bill create or modify a new fund or account? no
(Supplemental/Capital/New Fund - discuss reasons and fund source(s) in analysis section)

ASSOCIATED REGULATIONS

Does the bill direct, or will the bill result in, regulation changes adopted by your agency? no
If yes, by what date are the regulations to be adopted, amended or repealed?

Why this fiscal note differs from previous version/comments:

Not applicable, initial version.

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Phone: (907)465-3900
Date: 02/25/2022 01:00 PM
Date: 02/25/22

FISCAL NOTE ANALYSIS

STATE OF ALASKA
2022 LEGISLATIVE SESSION

BILL NO. SB 203

Analysis

This bill would extend the existing Purple Heart Trail that currently stretches from the Canadian border to Fairbanks by extending it down portions of the Parks Highway, the Glenn Highway, the Seward Highway, and Sterling Highway, ending in Homer.

Language in this bill calls for the option of third-party donations to pay for the signage along the extended trail. Additionally, federal funds and grants could be utilized under existing statutory authority in AS 44.42.060 to pay for signage. Given the mix of funds, it is uncertain what portion of funding will ultimately be contributed and therefore this fiscal analysis provides the full cost contemplated by the Department of Transportation and Public Facilities' (DOT&PF) best interpretation of the current language, lending from how signage was placed for the existing Purple Heart Trail (2008). *Note: the below costs are represented in thousands, see associated PDF for greater detail on signage placement provided to committee.*

In DOT&PF Northern Region (NR), x1 large sign (12.5' x 6' @ \$19,260.0 ea.), x6 small signs (3' x 4.5' @ \$5,030.0 ea), and x2 interpretive displays (kiosk @ \$10,000.0 ea.) are proposed by the department following the language of this bill as a total of \$69,440.0 for all signs in NR. This area represents leaving Fairbanks down the Parks Highway south. This stretch is approximately 191 miles in total distance.

In DOT&PF Central Region (CR), x3 large sign (12.5' x 6' @ \$19,260.0 ea.), x14 small signs (3' x 4.5' @ \$5,030.0 ea), and x4 interpretive displays (kiosk @ \$10,000.0 ea.) are proposed by the department following the language of this bill as a total of \$168,200.0 for all signs in CR. This area represents the Parks Highway south, the Glenn Highway, the Seward, the Sterling Highway and ending in Homer. This stretch is approximately 293 miles in total distance.

All together, the new signs for the extended portion of the proposed Purple Heart Trail are estimated to cost \$237,640 for both NR and CR.

The DOT&PF Commissioner's Office, and associated regions, would work with interested parties to pay for portions of this signage through memoranda of understanding and any state funds appropriated that are offset by these donations would then lapse back into the state general fund.

SIGNING FOR AMENDED PURPLE HEART TRAIL ADDITIONAL SEGMENTS from Fairbanks south to Homer

DOT&PF Northern Region Anticipated Purple Heart Costs 2/25/2022

Approximately 191 Miles

Description	Quantity	Unit Price	Extended Price	Recommended Locations (approximately per 80 to 100 miles)
I-210 (12.5' x 6') Purple Heart Trail Honoring Veterans' Sacrifice	1	\$ 19,260	\$ 19,260	PARKS HWY: 1- Fairbanks, SB Parks Hwy between Sheep Creek Extension & Old Nenana Highway (Ester) (NB Sign exists). (Signs from Fairbanks to Canada border exist).
I-211 (3' x 4.5') Purple Heart Trail	6	\$ 5,030	\$ 30,180	PARKS HWY: one each direction of travel either side of junction with Denali Highway in Cantwell, and each direction near/adjacent to each Kiosk pullout on next line below
Pullout: Interpretive Kiosk/Informational Displays	2	\$ 10,000	\$ 20,000	PARKS HWY: In existing rest area pullout with restrooms: Parks Hwy MP 344.2 Parks Hwy Memorial, 287 at Clear/Anderson

Total DOT&PF Northern Region costs \$ 69,440

DOT&PF Central Region Anticipated Purple Heart Costs 2/25/2022

Approximately 293 Miles

Description	Quantity	Unit Price	Extended Price	Recommended Locations (approximately per 40 miles, more due to Junctions, route changes between cities) (sited at Existing Pullouts, Restrooms, Adequate Parking, Local Agreements may be needed)
I-210 (12.5' x 6') Purple Heart Trail Honoring Veterans' Sacrifice	1	\$ 19,260	\$ 19,260	GLENN HWY: 1 NB departing Anchorage after Muldoon interchange
I-210 (12.5' x 6') Purple Heart Trail Honoring Veterans' Sacrifice	1	\$ 19,260	\$ 19,260	SEWARD HWY: 1- SB Potter marsh departing Anchorage
I-210 (12.5' x 6') Purple Heart Trail Honoring Veterans' Sacrifice	1	\$ 19,260	\$ 19,260	STERLING HWY: 1 - NB departing Homer at the Ferry Terminal or at the top of "Homer Hill"
I-211 (3' x 4.5') Purple Heart Trail at JCTs	6	\$ 5,030	\$ 30,180	2 trailblazers NB/SB at Parks/Glenn JCT, 2 trailblazers NB/SB at Seward/Sterling JCT, 2 trailblazers NB/SB departure from Soldotna
I-211 (3' x 4.5') Purple Heart Trail at Pullouts	8	\$ 5,030	\$ 40,240	One in each direction near/adjacent to each interpretive pullout listed below
Pullout: Interpretive Displays	1	\$ 10,000	\$ 10,000	PARKS HWY MP 147.3 (DNR Byer's Lake)
Pullout: Interpretive Displays	1	\$ 10,000	\$ 10,000	SEWARD HWY MP 96 (DNR Bird Pt)
Pullout: Interpretive Displays	2	\$ 10,000	\$ 20,000	STERLING HWY: MP 48.2 (Kenai River Cooper Landing), MP 136.5 (DNR Ninilchik R)

Total DOT&PF Central Region costs \$ 168,200

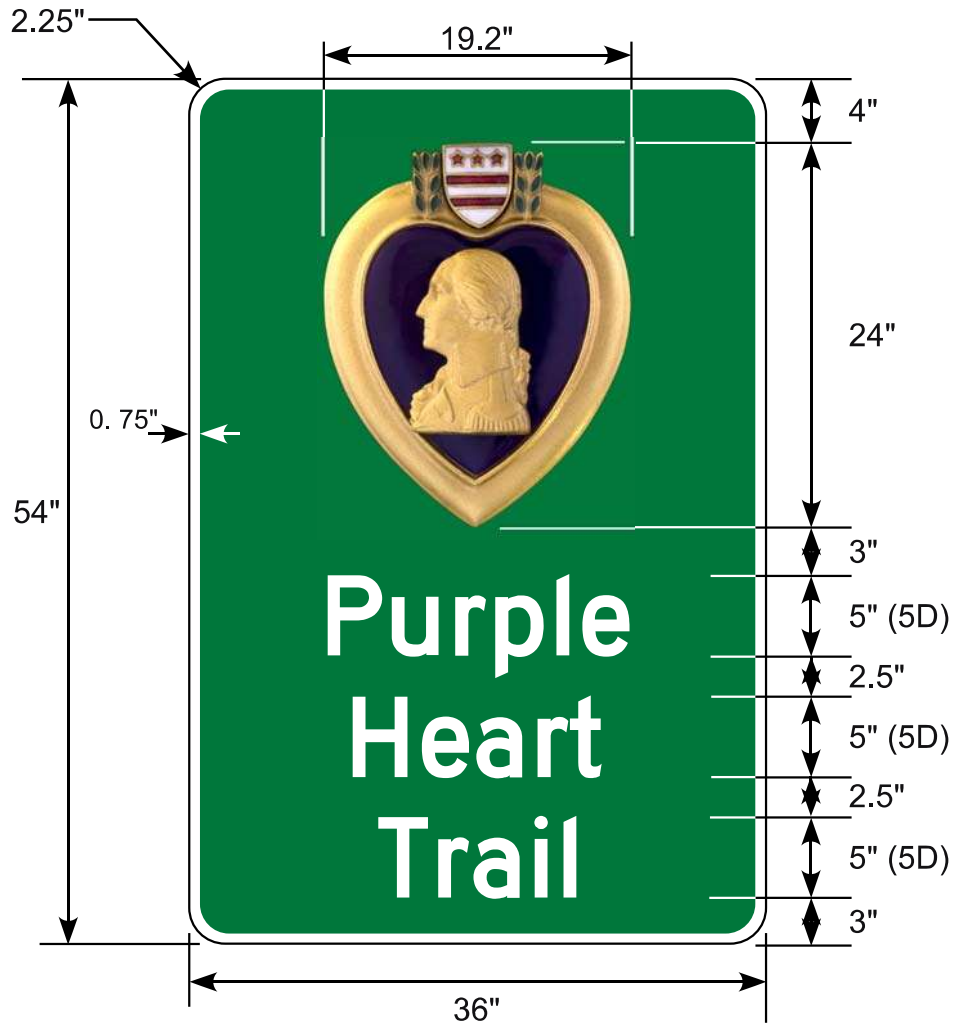
Total All Highways Fbks-Homer \$ 237,640



Legend: White
Background: Green
Route Plaque: Black on White

Use sign M1-5, scaled to 30" x 30"
for the route marker

Use Photoshop file, available from the
DOT&PF Headquarters Traffic and Safety
Section, for the Purple Heart medal.



Border and Legend: White
 Background: Green
 Marker: Black on White

Use Photoshop file, available from the
 DOT&PF Headquarters Traffic and Safety
 Section, for the Purple Heart medal.



Purple Heart Trail BIG SIGN I-210

2/25/2022

Materials Required:

Description	Quantity Per Sign	Totals	Total Quantity	Unit Price	Total Price
PURBLE HEART TRAIL (12.5' x 6')					
SIGNS - (I-210) type, 2-post, break-safe	75.00	1	75.0	85.00	6375.00
the Big I-210 signs will require 2 posts EA					
5" SST posts, 12 feet long	2	2	4	475.00	1900.00
Break-safe bases	2	2	4	450.00	1800.00
Concrete Base (cy), delivered	1.6	2	3.2	200.00	640.00
Sonotubes	2	2	4	275.00	1100.00
Rebar cage for base	2	2	4	220.00	880.00
Windbeam U Channel Framing (LF)	36	2	72	30.00	2160.00
Galvanized Steel Windbeam Bracket	24	2	48	18.25	876.00
3/8" Windbeam bolt and long nut	30	2	60	2.50	150.00
Windbeam Frame w/adhesive (LF)	8	2	16	1.00	16.00
Sign Decals (date sticker)	1	2	2	2.00	4.00
Cost of labor detailed below			0	0.00	0.00

Materials Total: \$15,910

Typical crew install cost					
2 laborers 12 hours each; large 12' signs, bases	24	1	24	50.00	1200.00
Traffic control setup, per day	1	1	1	1250.00	1250.00
Large boom truck, w/ warning lights (1/2 day)	0.5	1	0.5	500.00	250.00
Pickup truck, 1 ton w/ warning lights	2	1	2	75.00	150.00
Sign truck, 2 ton w/ warning lights	2	1	2	250.00	500.00

Labor Total: \$3,350

Labor and Materials Total: \$19,260

Purple Heart Trail Small Sign I-211

2/25/2022

Materials Required:

Description	Quantity Per Sign	Totals	Total Quantity	Unit Price	Total Price
PURBLE HEART TRAIL (4.5' x 3')					
SIGN - (I-211) type, 1-post, break-safe	13.50	1	13.5	85.00	1147.50
3.5" SST, 12 feet long	1	1	1	375.00	375.00
Break-safe base	1	1	1	425.00	425.00
Concrete Base (cy), delivered	1.6	1	1.6	200.00	320.00
Sonotubes	1	1	1	275.00	275.00
Rebar cage for base	1	1	1	220.00	220.00
Windbeam U Channel Framing (LF)	12	2	24	30.00	720.00
Galvanized Steel Windbeam Bracket	12	2	24	18.25	438.00
3/8" Windbeam bolt and long nut	12	2	24	2.50	60.00
Windbeam Frame w/adhesive (LF)	8	2	16	1.00	16.00
Sign Decals (date sticker)	1	2	2	2.00	4.00
Cost of labor detailed below			0	0.00	0.00

Materials Total: \$4,010

Typical crew install cost					
2 laborers 4 hours each; single post sign base	8	1	8	50.00	400.00
Traffic control setup, per day	0.5	1	0.5	600.00	300.00
Small boom truck, w/ warning lights (1/2 day)	0.5	1	0.5	300.00	150.00
Pickup truck, 1 ton w/ warning lights	0.5	1	0.5	75.00	37.50
Sign truck, 2 ton w/ warning lights	0.5	1	0.5	250.00	125.00

Labor Total: \$1,020

Labor and Materials Total: \$5,030