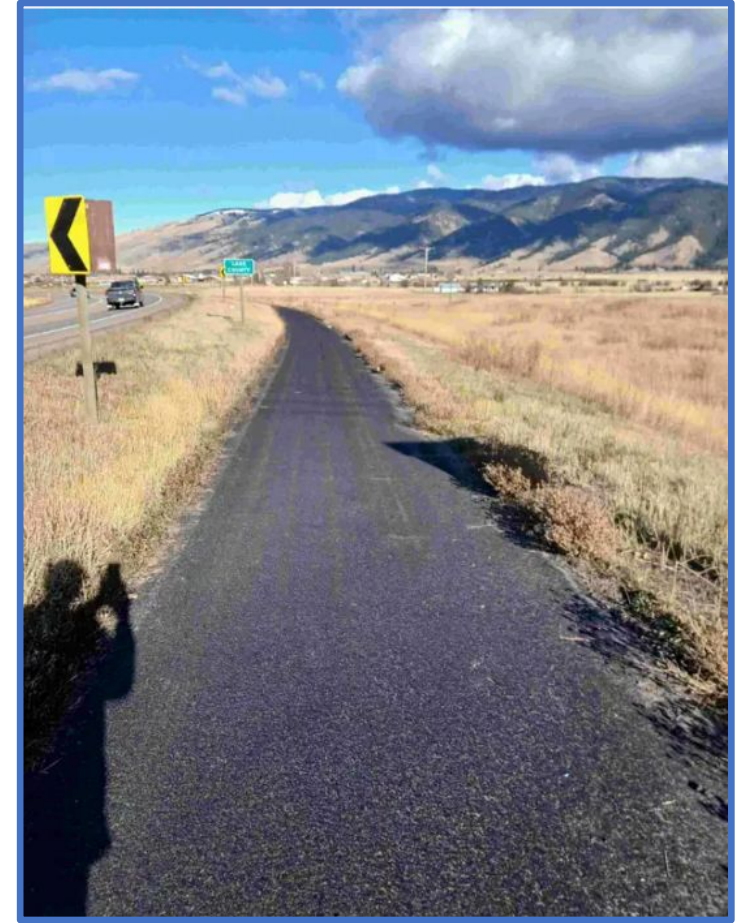


Our Voice In Motion

A community-based participatory research project in partnership with older adults and Elders living on the Flathead Reservation

America Walks Webinar, June 23, 2026



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- DHHS Administration for Community Living
 - 90FPSG0066-01-00; PI: Pedersen, 2023-2027
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 - PI: Thomas, 2024-2025
- 2024 National Council on Aging Falls Prevention Fellowship
 - PI: Morigeau, 2024-2025

Our CBPR Team & Research Program

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CSKT Tribal Health / Community

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CSKT Community Advisory Panel

Gene Sorrell

Willie Matt Wright

Louis Caye JR

Ruth Swaney

Maggie Goode

Barb Fink

Gary Woodcock

Selina Kenmille

Carrie Irvine

Roberta Steele

Clark Matt

Cheryl Vanderburg

Dana Hewankorn

Barb Barnes

A People of Vision

📶 Lemlmtš u kʷ cxʷuy • Hu Sukilquknala'ni Kin gí-kat na • Welcome

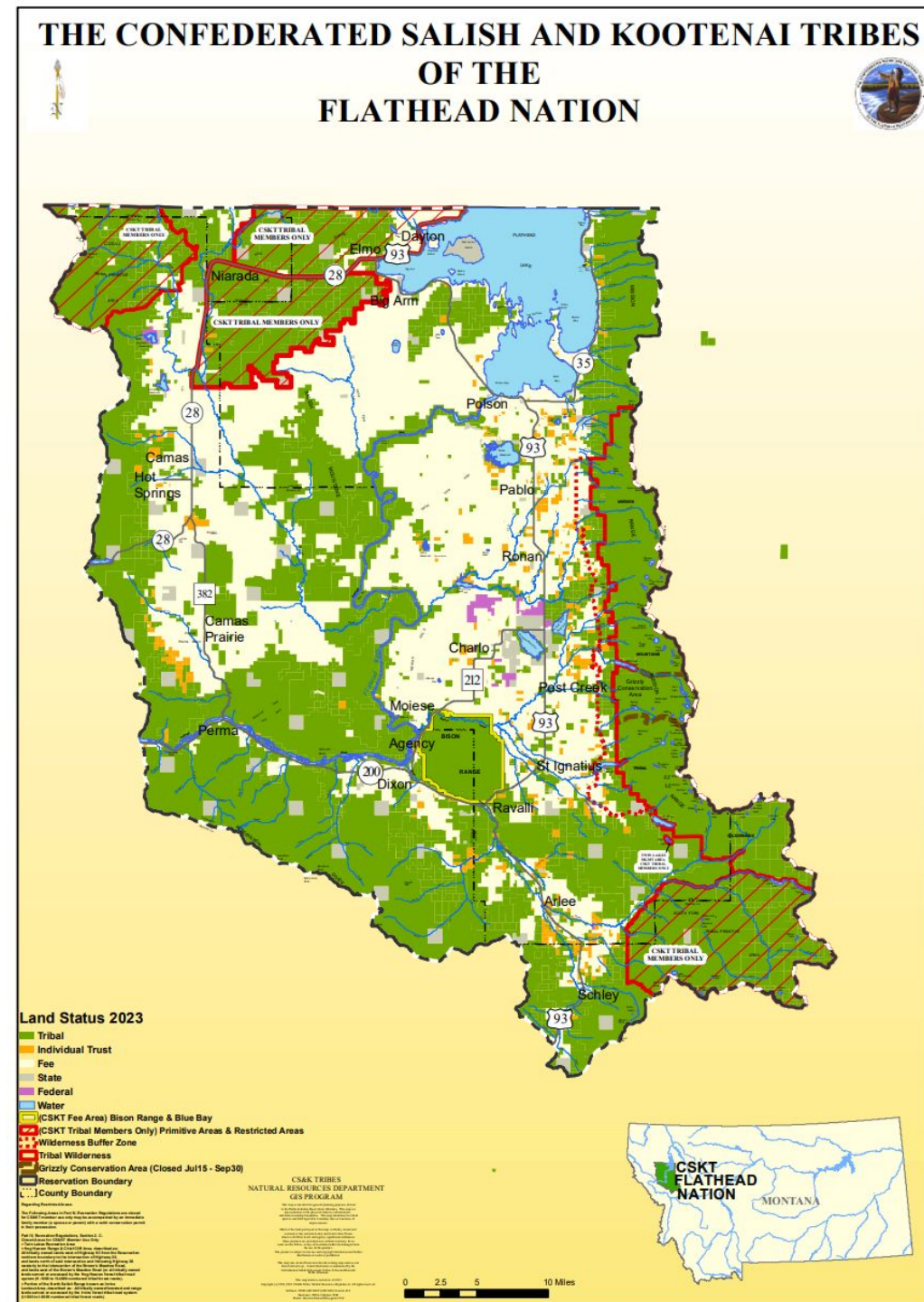
The Flathead Indian Reservation is home to three tribes, the Bitterroot Salish, Upper Pend d'Oreille, and the Kootenai.

Flathead Reservation:

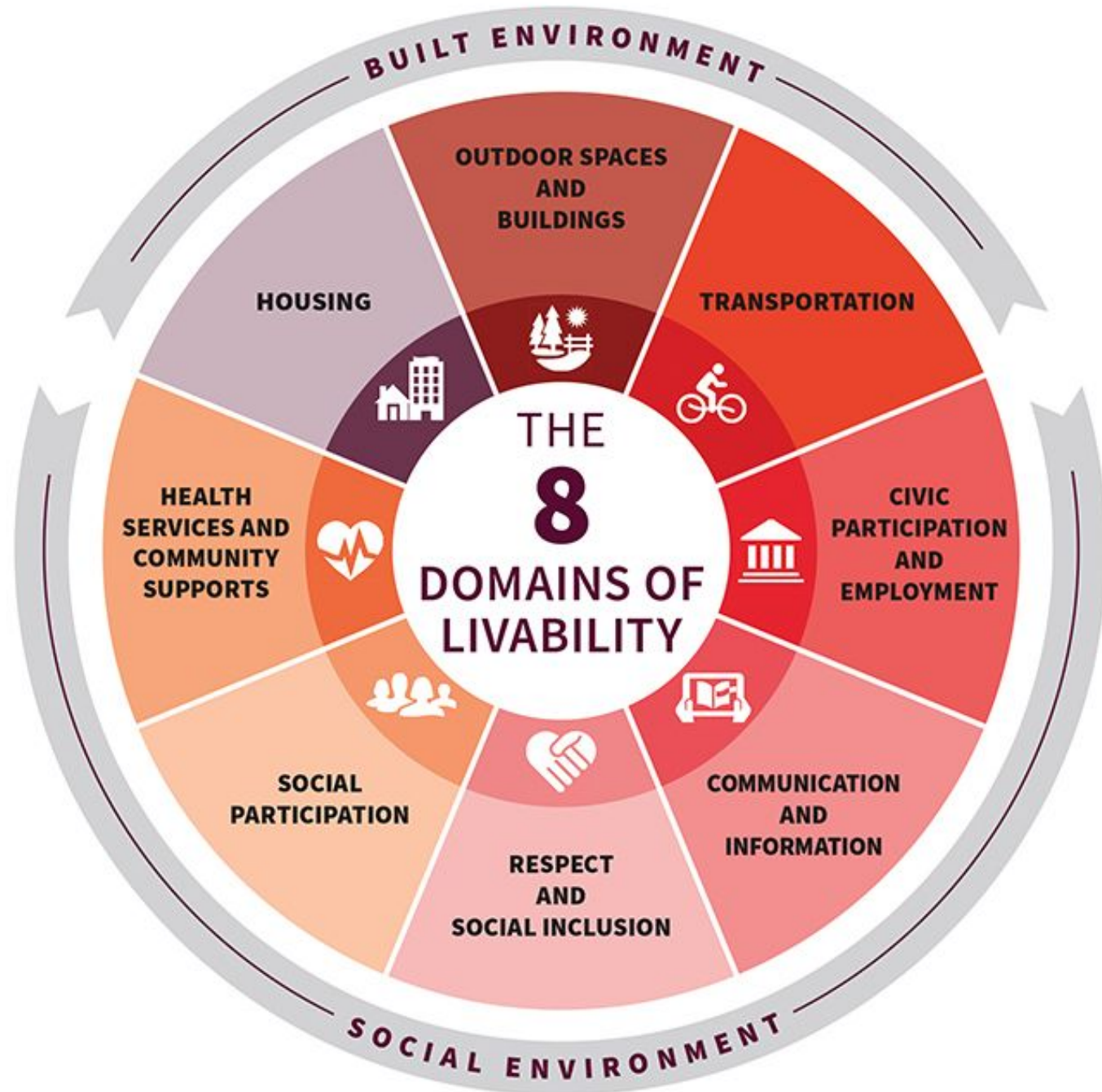
- 1.4 million acres of land
- Located across four rural counties in NW Montana
- Established in 1855
- Among the first to organized under the 1934 Indian Reorganization Act to become CSKT
- Total population of the Flathead Reservation: 30,849
- Total AI/AN residents of the Flathead Reservation: 7,673

Quick facts relevant to the GOSS project:

- 22% of the population are ages 65 and over (U.S. average = 17.3%)
- 16% are living with a disability (U.S. average = 13.4%)



AARP 8 Domains
of Livability
*for people of all
ages*



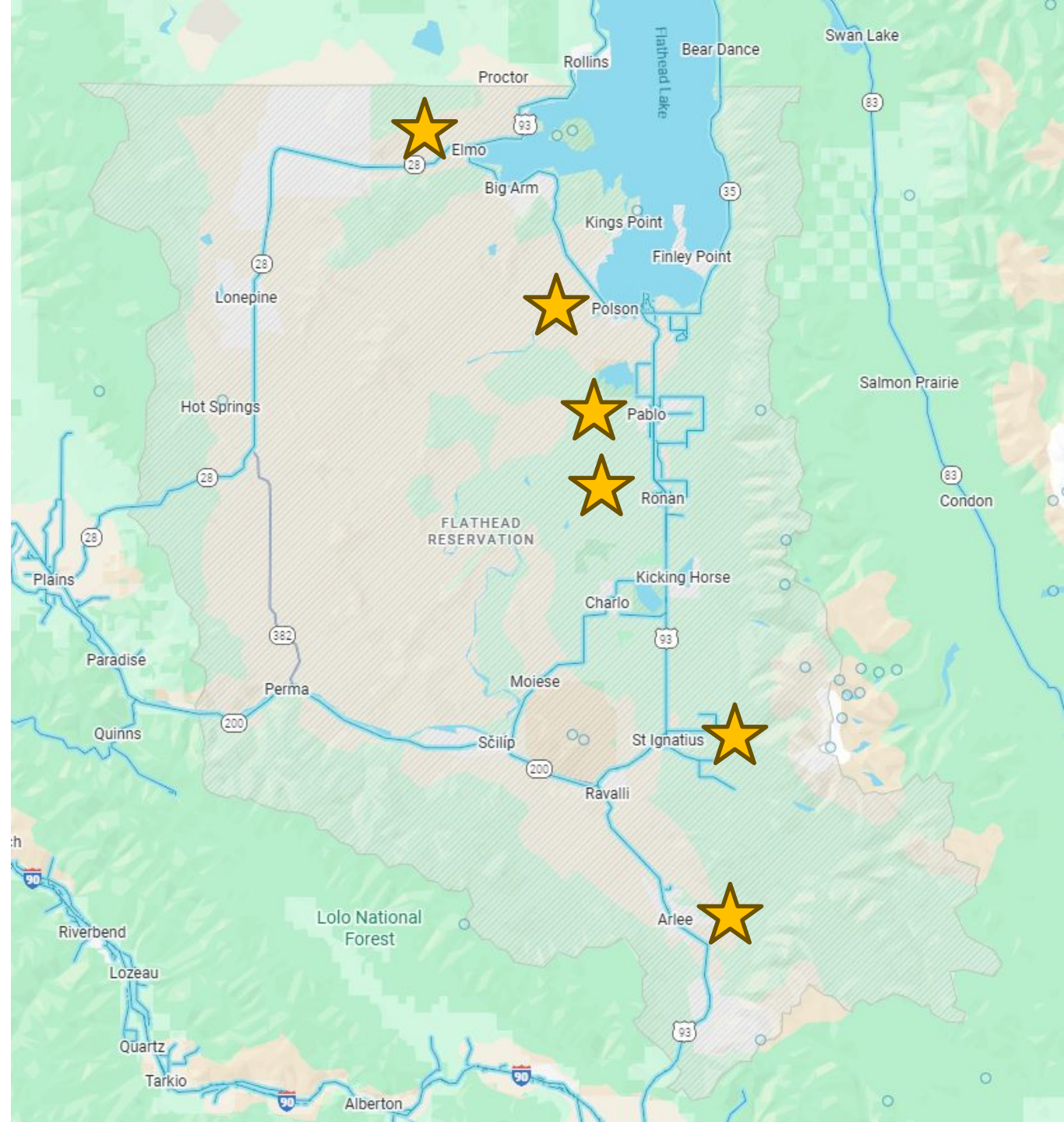




STEP 1: ENGAGE

(Sept-Oct 2024)

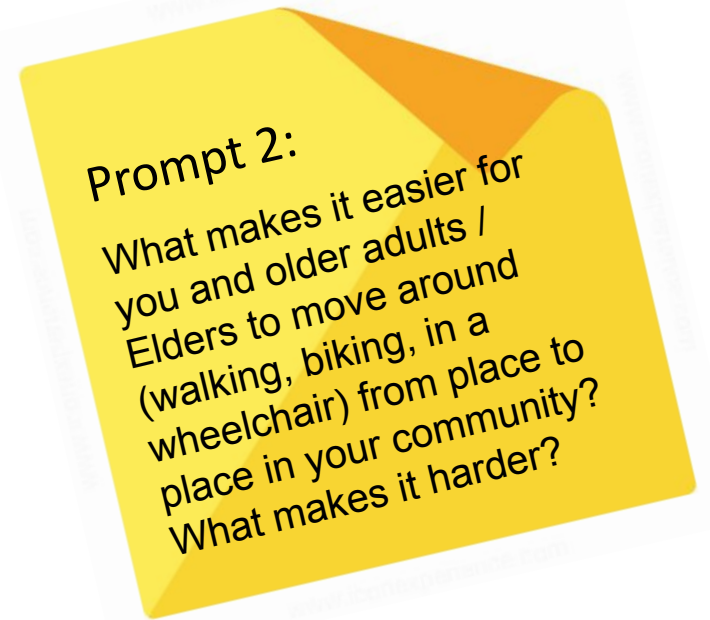
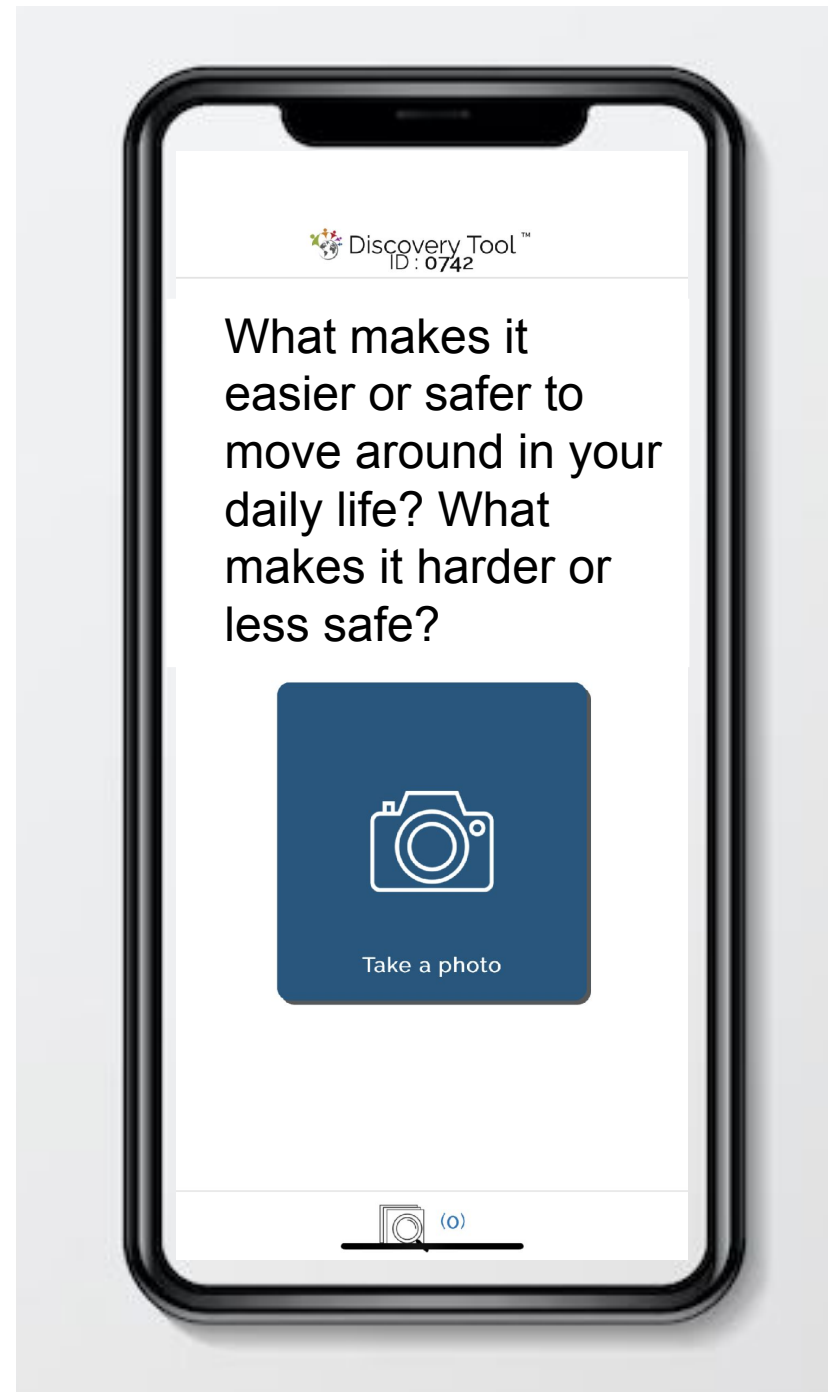
- Recruitment: Community Facilitators
- Sites: Six CSKT Tribal Health sites located along Highway 93
- Sample: Older adults enrolled in a fall prevention program





Stanford Discovery Tool Mobile App

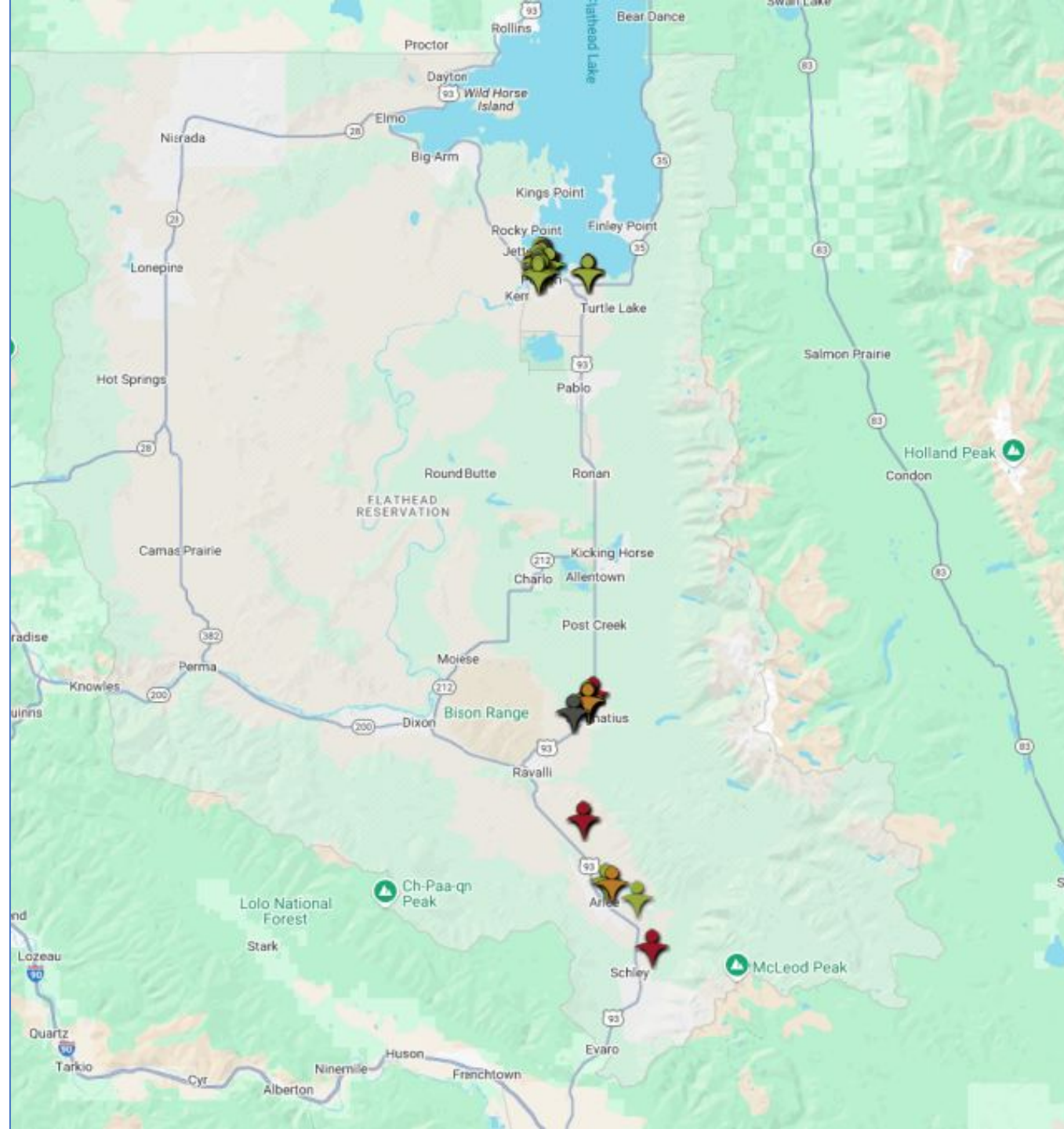
- A simple app to document and map audiovisual, narrative aspects of lived experiences
- 2 Prompts



Thematic Tags (multiple selections allowed):

- Street Design
- Walkability
- Community Connectedness
- Fall Risk
- Weather

- Discovery Tool data:
 - 3 communities
 - 28 community walks
 - 64 photos
 - 65 narratives (18 audio, 47 text)
 - 70 tags (Walkability 50%; Fall risk 17%)



STEP 2: DISCOVER

“Need more safe crosswalks like this...”



TAG:

- **Walkability**

STEPS 3 & 4: DISCUSS & IMAGINE (Dec 2024-Feb 2025)

Method: Data Museum & Interpretive Focus Group



(Pedersen et al., 2022;
Redman-Maclaren et al. 2014)

STEPS 3 & 4: RESULTS

• Participant Focus Groups

- Dec 2024
- N=39 (average age: 68 years, range: 29-82)
- 77% female
- 5 communities
- Session length: 60-90 min per session

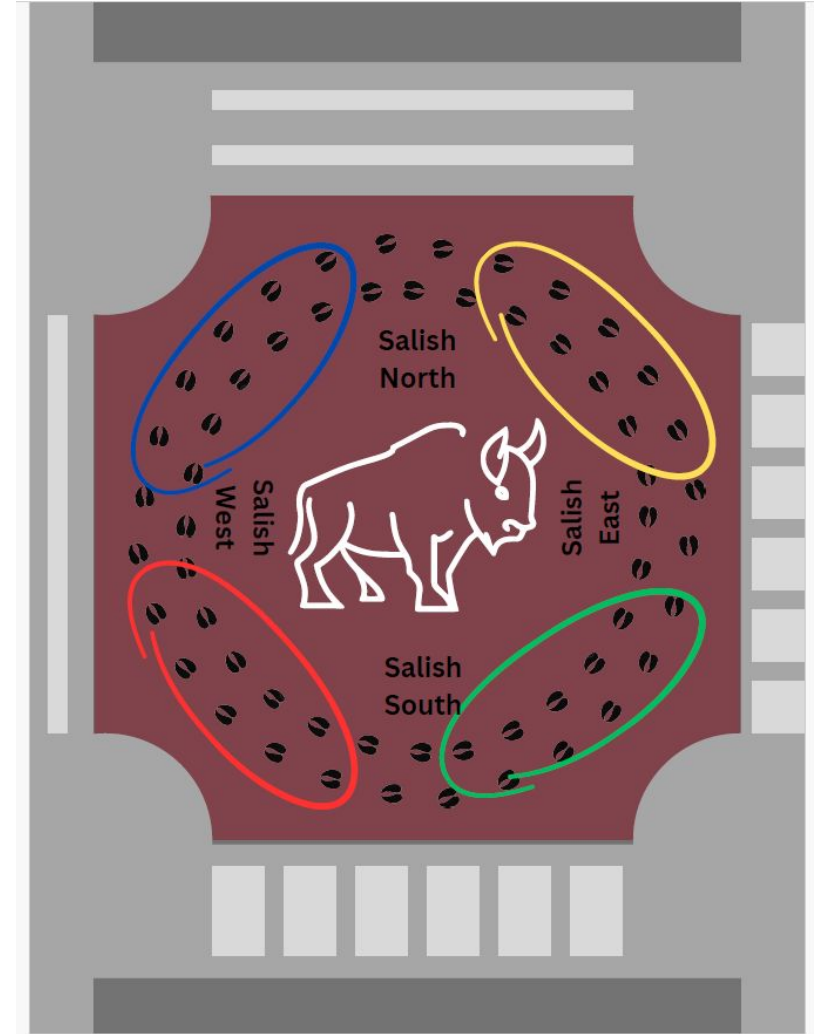
• Community Advisory Panel

- Feb 2025
- N=14
- Session length: 75 minutes





STEP 6: CHANGE: Attempt #1: Arlee Intersection





STEP 6: CHANGE: Final Project, St. Ignatius Quick Builds



SITE 1:

Elder's Park Crosswalk & path resurfacing



SITE 1: Rationale

- Faded crosswalk leading from Tribal Health building to walking track / park
- No signage



SITE 1:

Process:

- Design by Salish community member Jacinda Morigeau
- Invites to GOSS team and CAB, all CSKT Tribal Health employees (change of duty approved), CSKT community members
- Formal welcome & prayer by a CSKT Elder
- Collaboration with Natural Resources Dept.



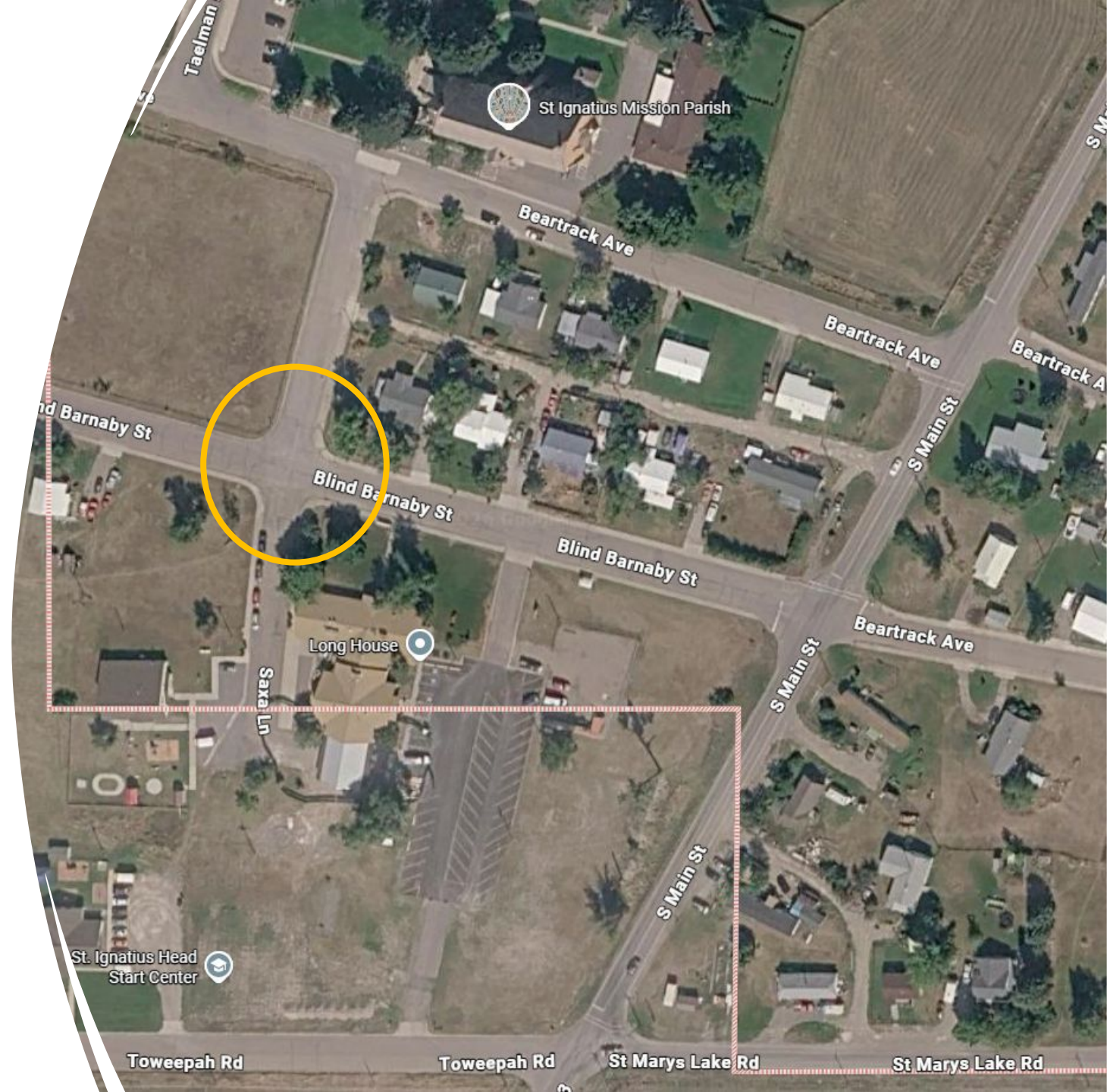
SITE 1:

Before & After



SITE 2:

Saxa Ln & Blind Barnaby St



SITE 2: Rationale

- 4-way intersection leading to Salish Longhouse (cultural building)
- Walking route to Head Start center
- Well-traveled neighborhood road
- No signage
- No crosswalks



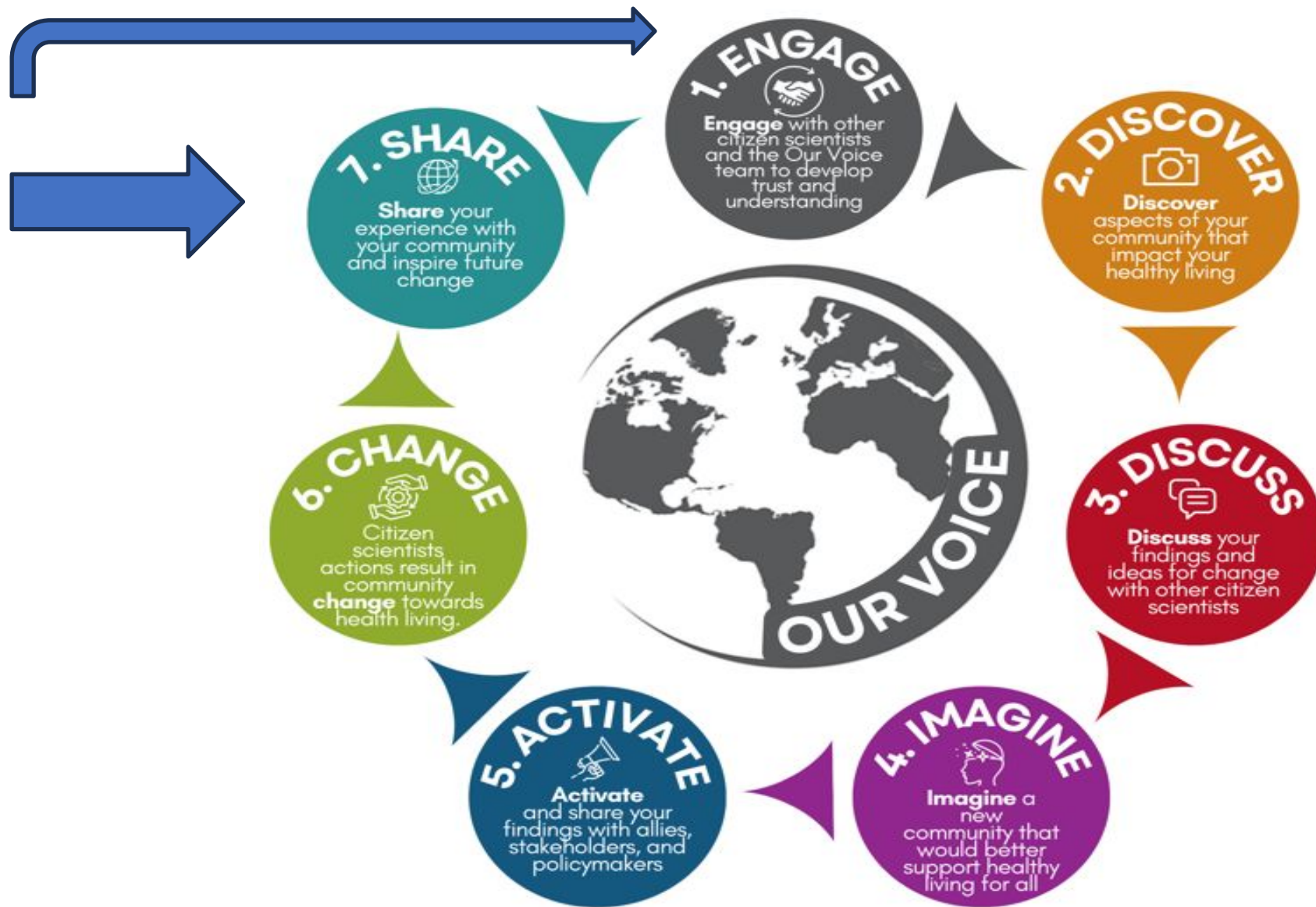
SITE 2:

Process:

- Design by Salish community member Jacinda Morigeau
- Invites to GOSS team and CAB, all CSKT Tribal Health employees (change of duty approved), CSKT community members
- Food truck for lunch & evaluation surveys







References

- Fan Y, Phua P. The Health and Transportation Nexus: A Conceptual Framework for Collaborative and Equitable Planning. May 2022. https://mdl.mndot.gov/_flysystem/fedora/2023-01/trs2201.pdf Accessed 1/6/2025
- Hansen AY, Hartley D. Promoting active living in rural communities. San Diego, CA: Active Living Research. 2015. https://activelivingresearch.org/sites/activelivingresearch.org/files/ALR_Brief_RuralCommunities_Sept2015.pdf Accessed 2/12/2025
- King AC, King DK, Banchoff A, Solomonov S, Ben Natan O, Hua J, Gardiner P, Goldman Rosas L, Rodriguez Espinosa P, Winter SJ, et al. Employing Participatory Citizen Science Methods to Promote Age-Friendly Environments Worldwide. *International Journal of Environmental Research and Public Health*. 2020; 17(5):1541. <https://doi.org/10.3390/ijerph17051541>
- Omura JD, Carlson SA, Brown DR, et al. Built Environment Approaches to Increase Physical Activity: A Science Advisory From the American Heart Association. *Circulation*. 2020;142(11):e160-e166. doi:10.1161/CIR.0000000000000884
- Redman-MacLaren M, Mills J, Tommbe R. Interpretive focus groups: A participatory method for interpreting and extending secondary analysis of qualitative data. *Global Health Action*. 2014 Dec 1;7(1):25214. <https://doi-org.stanford.idm.oclc.org/10.3402/gha.v7.25214>
- Smarth Growth for America. Dangerous by design 2024. <https://smartgrowthamerica.org/dangerous-by-design/> Accessed 3/5/2025
- Oetzel JG, Wallerstein N, Duran B, Sanchez-Youngman S, Nguyen T, Woo K, Wang J, Schulz A, Keawe 'aimoku Kaholokula J, Israel B, Alegria M. Impact of participatory health research: a test of the community-based Participatory Research Conceptual Model. *BioMed research international*. 2018;2018(1):7281405.

Lemlmtš | Hu sukitqukni | Thank you

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