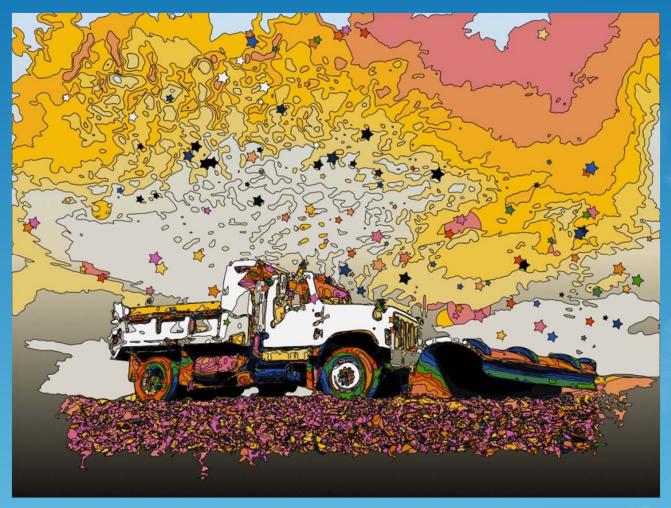
Washington State Department of Transportation Advanced Snowplow Project

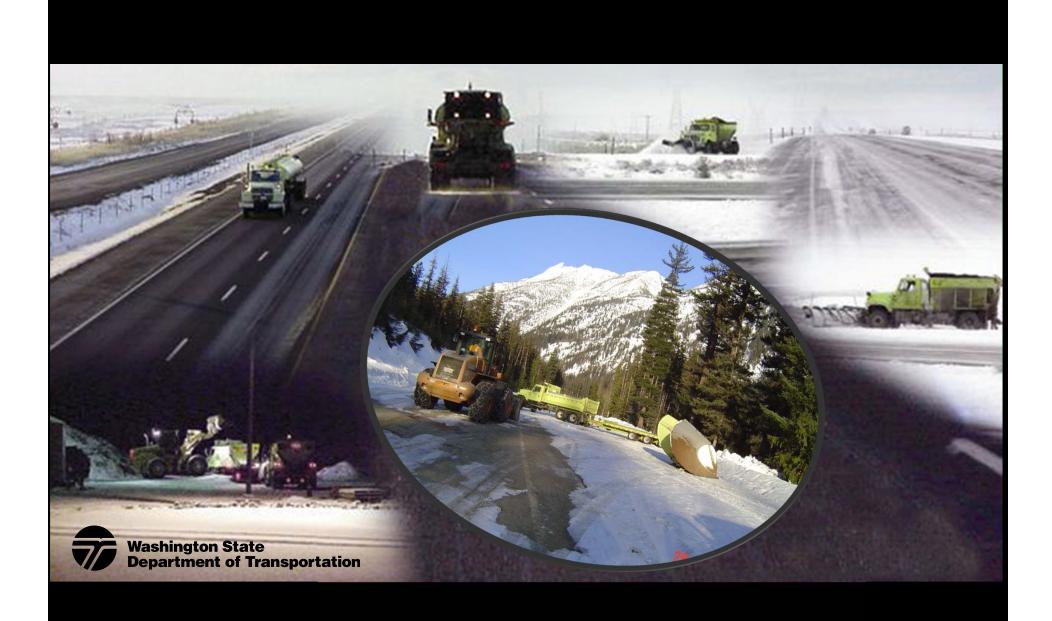




Debbi Achord, Maintenance and Operations







Why Change.....



- Reduce Collisions and Tort Liability
 - Efficiently dispatch resources to the most critical locations
 - Documentation of snow and ice control measures including
 - Location and times of snowplowing activities
 - What chemicals we are placing, where and when



Development....



- Communication Strategies
 - Limited cellular network coverage
 - Radio Network possibilities
- > Equipment Interfaces
 - > Utilize existing precision application controllers
 - Operator Inputs
- Statewide Mapping
 - > Data stewardship (WSDOT wanted ownership of its data)

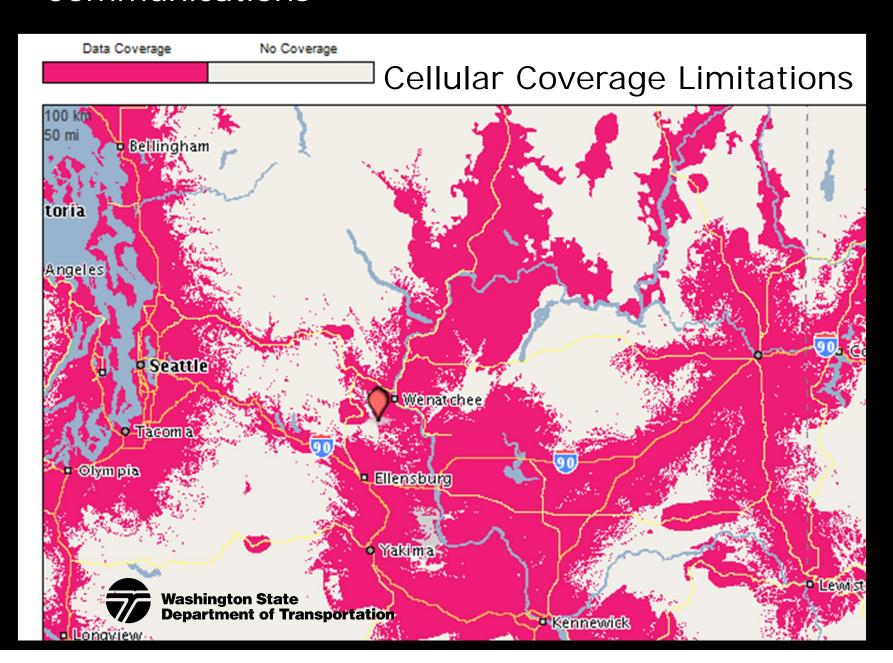


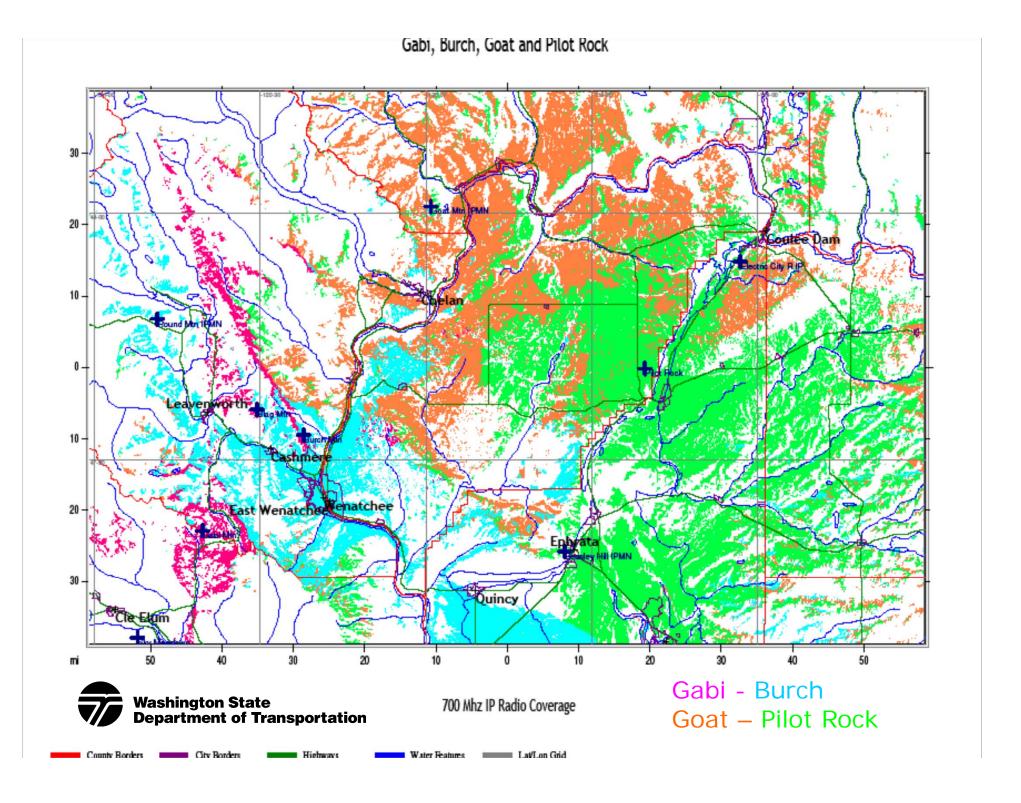






Communications







Development....

A A

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 - Radio Network possibilities
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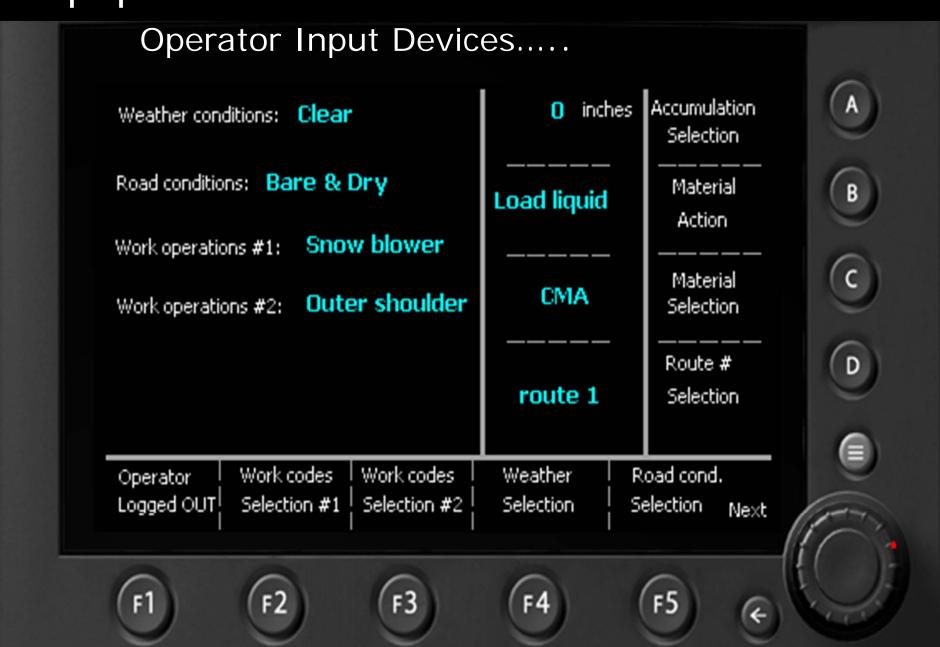


Equipment Interfaces.....

Precision Application Controllers.....



Equipment Interfaces.....



Equipment Interfaces.....





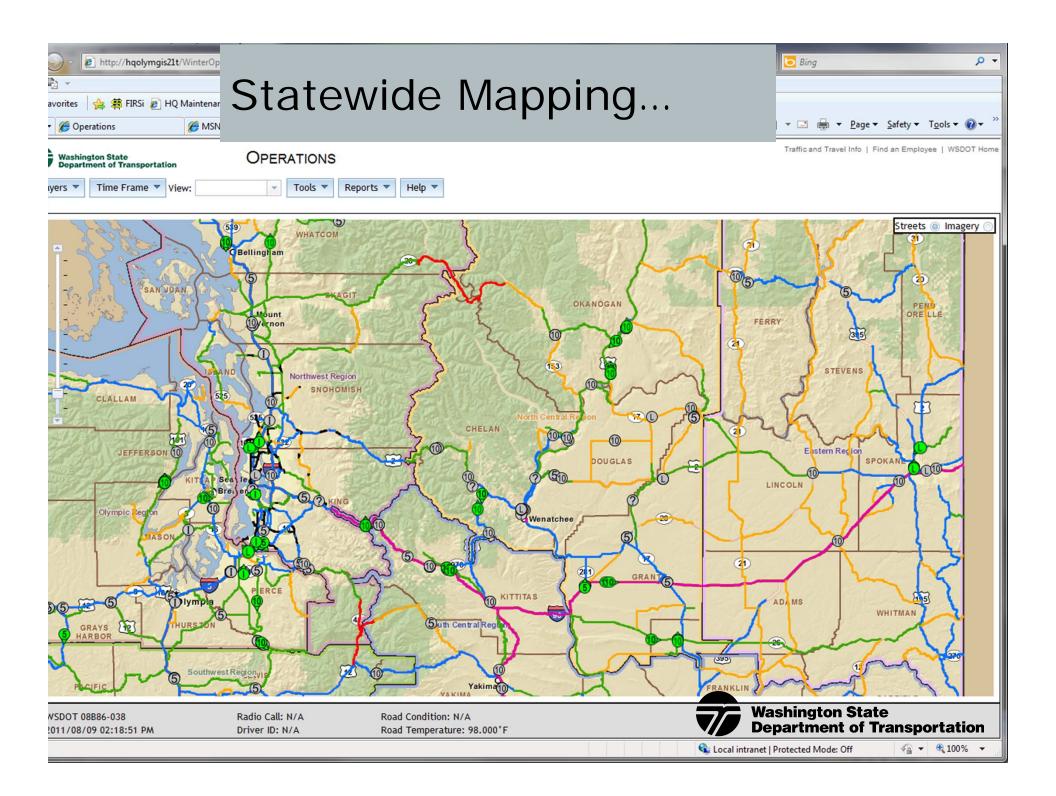
Development....

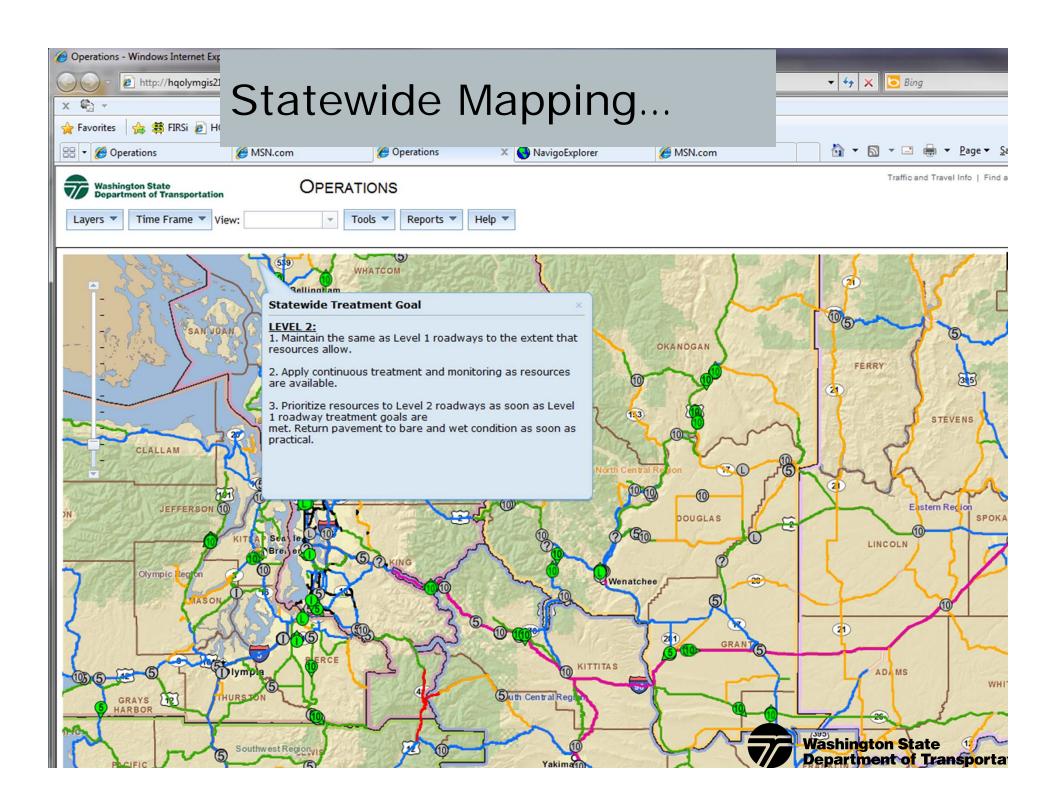
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Challenges

- > Finding a vendor who could meet our requirements
- Agency Purchasing Rules
 - > IT vs ITS components

> IT related contract requirements

Employee Acceptance

Lines of Demarcation

> Maintenance

> Mechanics

> IT Services



Finding a vendor who could meet our requirements



Intelligent Transportation System or Information Technology



Employee Acceptance





