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Department of  
Natural Resources and Parks  
Solid Waste Division

Waste  
Prevention

Resource  
Recovery

Waste  
Disposal

# South County Recycling and Transfer Station

Design Advisory Group Meeting 6, January 12, 2022, 2 – 4 p.m.

# A Few Housekeeping Items

- Use "raise hand" function for questions or comments
- Please mute when not speaking
- Camera on is encouraged!
- Feel free to use the chat box
- Access needs
- If any technical issues arise...



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# Agenda

- Welcome and introductions
- Project overview and design updates
- Services overview
- Community engagement, and equity and social justice
- Next steps
- Thank you and wrap-up



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# Welcome!

Joan Nelson, City of Auburn

Leanne Guier, City of Pacific

Scott Weide, Auburn School District

Jason Shea, Waste Management

Tina Steiner, Terra Dynamics

Rob Van Orsow, City of Federal Way

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- Karen Herndon
- Kalyn Brady
- Julie Mitchell
- Kerwin Pyle

## HDR team

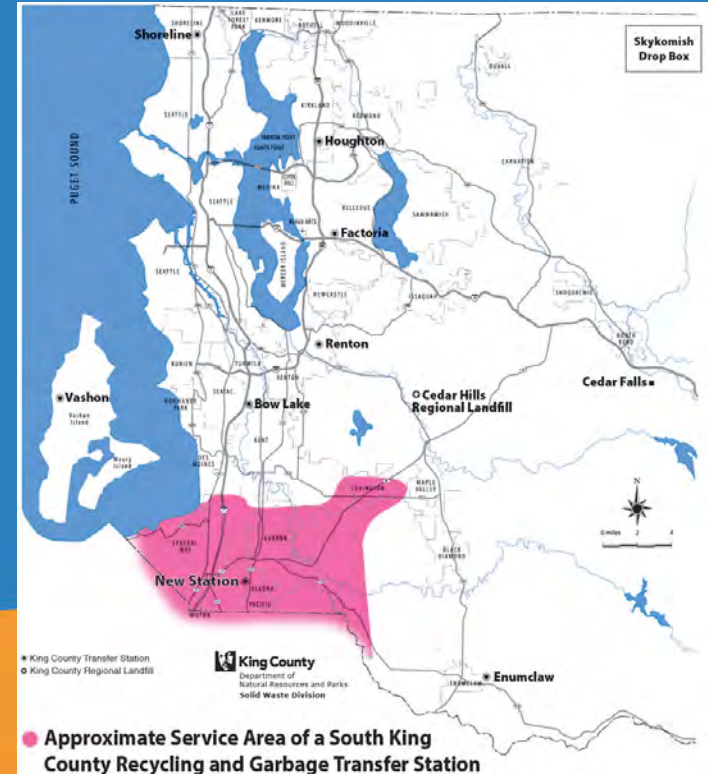
- Ryan Asman
- Nigel Baummer
- Dennis Sandstrom
- Harrison Price
- Nicole Phaysith



# Project Summary

## New station will offer...

- Recycling services and hazardous waste disposal for households and small businesses
- Sustainable building features
- Off-site improvements
- On-site creek enhancements
- Public art installed on-site
- Other community benefits



# Project Description - Services to be Provided



Recycling



Yard Waste



Hazardous  
Waste



Garbage



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# Project Description - Additional Project Elements



Stream  
Relocation  
and Wetlands  
Mitigation



Road  
Improvements



Storm water  
management



Green  
Building



Public Art



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# Timeline



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# Key Changes from 60% Design





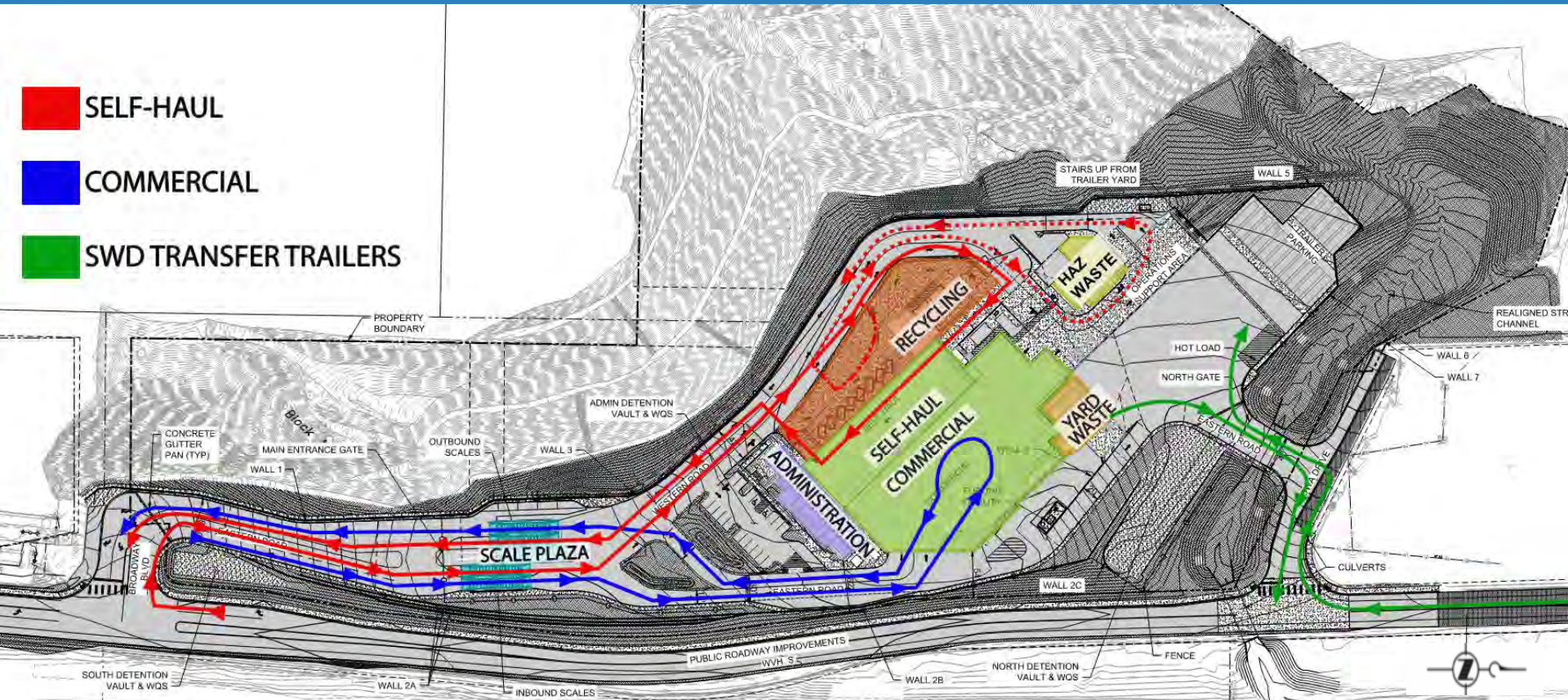
# Civil Design



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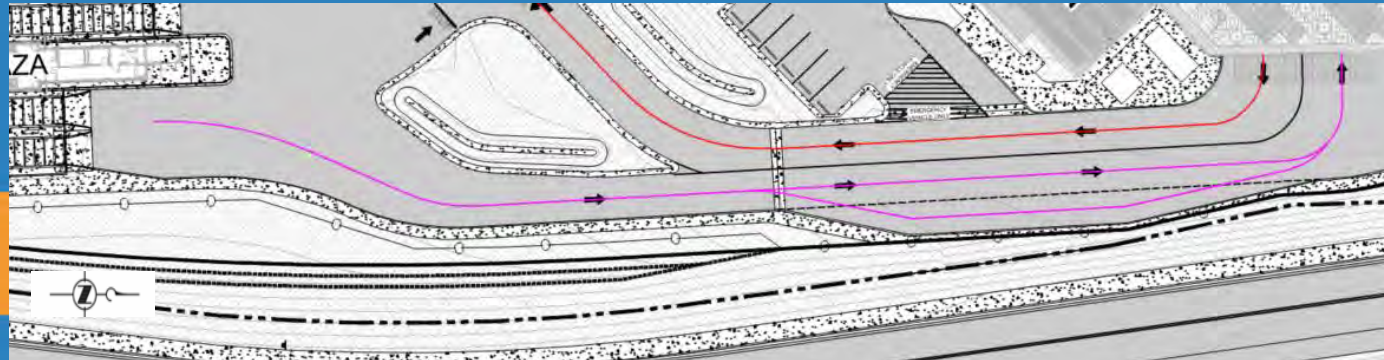
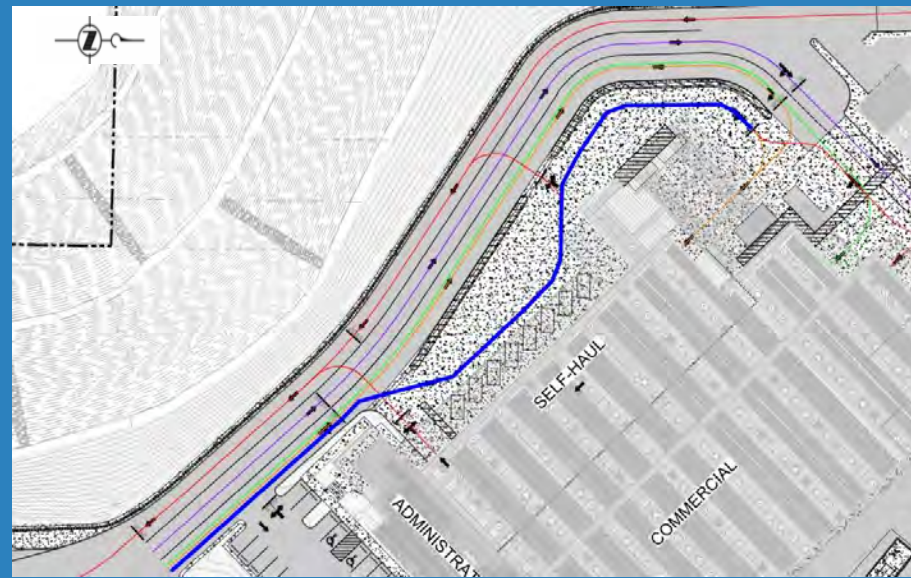
# Site Layout and Circulation





# Key Civil Changes from 60% Design

- Dedicated Recycling Lane
- Detarping for Commercial Customers
- Customer Wayfinding
- Cistern Design
- Potential Art Locations
- Retaining Walls
- West Valley Highway – Sidewalks and Shoulders
- Reduction of Embodied Carbon
- Review of Red List Materials
- Routing of potentially contaminated flows to sanitary



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# Stream Realignment Design – Changes from 60%

- Upstream tie-in point between the existing and proposed channel adjusted
- Channel realigned to come down the steep hillslope and meander gently to the north
- Floodplain widened and channel designed to encourage flows to interact with the floodplain
- Stream length increased
- Floodplain benches and floodplain terrace added with large woody material
- Box culvert span increased from 11' to 15' with additional freeboard



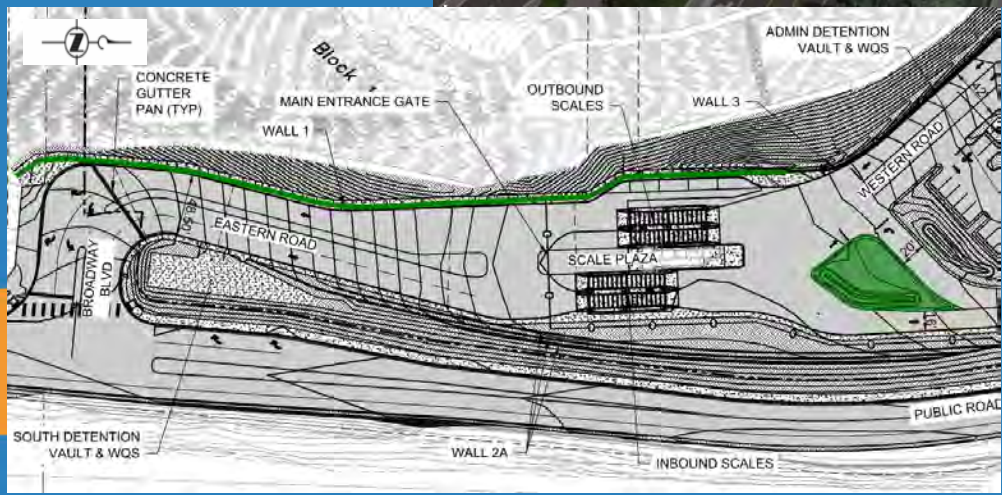
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# Art Update

- Artists identified in Summer 2021
- Site visit with artists October 2021
- Potential Locations:
  - “Pork Chop” landscaped area
  - Wall 1
- Ongoing Coordination with 4Culture



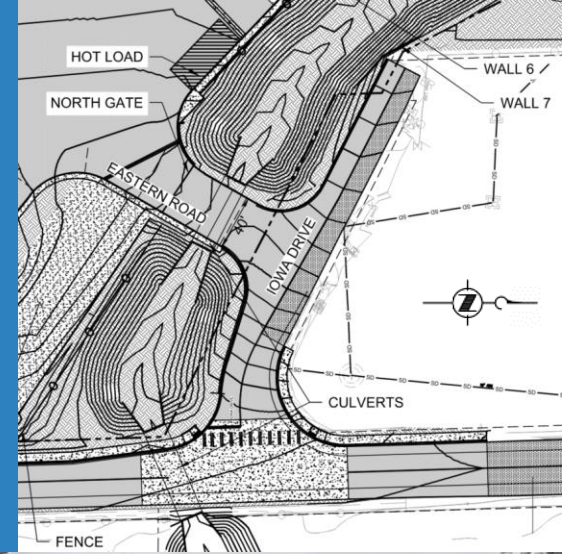
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# Changes to Iowa Drive

- Apron to support transfer trailer turns onto/off of site
- Flashing yellow light at Iowa Drive and West Valley Highway



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# Changes to Broadway Boulevard

- Continued west from existing condition at Algona Transfer Station
- ATS will remain operational during majority of construction of SCRTS
- Conduit is included for future lights (CUP Condition to assess traffic following SCRTS Opening)



# Outstanding Civil Design Elements

- PSE Alignment along West Valley Highway
- Art locations and details
- Site Signage, Wayfinding, and Striping
- Contractor Staging/Storage during and before Construction



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# Questions or Comments?



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# Buildings Design



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# Key Building Changes from 60% Design

- Commercial Tip Floor – Entrance/Exit
- Access from Self-haul to Commercial Tip Floor
- Fire Pump Building added
- Photovoltaic Panels Layout
- Location of Potential Future Maintenance Shop



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# Self-Haul Tip Floor

1/21/2022

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# Baler – View from South

1/21/2022

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# Compactor Bays

1/21/2022

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# Sustainability Updates

- On-site solar designed to produce roughly half of facility power needs
- Solar canopy used at administration building to emphasize energy petal certification for facility visitors
- Rainwater harvesting designed to meet about 2/3 of annual water needs
- 100% Design focuses on material selection and reduction of embodied carbon



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# Questions or Comments?



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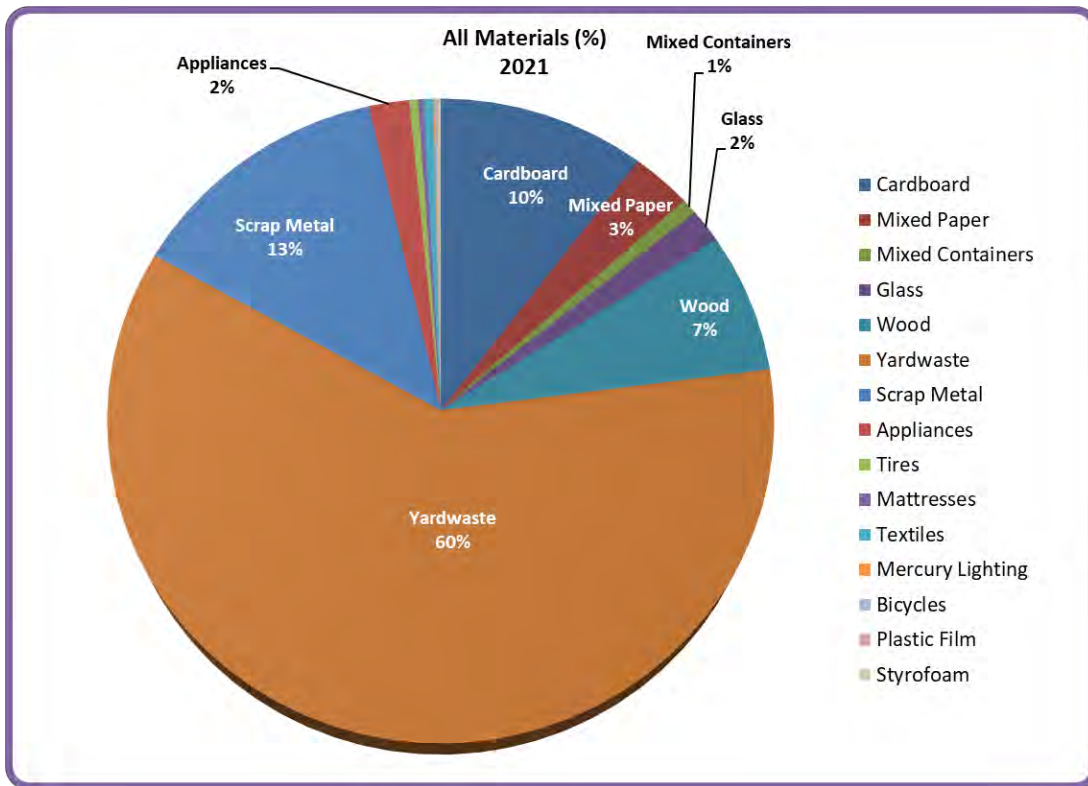
Recycling features and services  
King County DNRP Solid Waste Division  
Kerwin Pyle PPM3 Recycling at Transfer Stations



## Primary Target Materials

(Cardboard, Scrap Metal, Clean Wood and Yard Waste)

- Cardboard, Scrap Metal, Clean Wood, and Yard Waste make up 90% of the total materials collected system wide at KC Transfer stations with Yard waste accounting for the lion's share.
- Because they make up 90% these four targeted materials are the main focus of our planned services at the new SCRTS station.
- Don't worry, other materials are important too they will be collected at SCRTS as well.



# Corrugated Cardboard Only

## Cartón Corrugado Solamente

Yes – Sí



Flatten  
Aplanado

NO









# Clea



# Recycle

Recicla

NO p

Prohibido c

Paper  
Papel







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# Mercur



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# Shar

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# Recycle Drop-Off

1/21/2022

40

# Hazardous Waste Facility



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# Hazardous Waste Facility

1/21/2022

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# Hazardous Waste Facility

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# View to Customer Disposal

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# Community Outreach Update

- Virtual Public Event
  - January 27, 5-7pm
  - Notifications
    - Mailer to SCRTS service area
    - Social media
    - Paid ads / boosted posts
- Transfer Station Employee Packets
  - Early January
- Future engagement
  - Summer/Fall events



# Equity and Social Justice – Actions



Partner with the Local Food Initiative and Public Health-Seattle & King County to support farming in south King County



Work with a local non-profit to fund and implement green apprenticeship opportunities in the SCRTS service area



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# Equity and Social Justice – Actions



Add educational, interactive exhibits at the new station with focus on environmental topics

Partner with the King County Parks to add amenities to segments of the Interurban Trail



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# Next Steps



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# DAG Engagement Discussion

- Are you interested in having a meeting when we've reached 100% design?
- If we do meet again, what topics would you like to hear an update on or discuss?



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# Thank you!



- What feedback do you have for the King County and HDR teams?
- Did you get information about SCRTS that you thought important?



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