



Long Term Facility Needs Study for Salinas Valley Recycles

Salinas Valley Solid Waste Authority
& AECOM

Public Scoping Meeting
May 2, 2017 at 1:30 pm
Meeting location: Salinas Valley Solid Waste Authority
128 Sun Street, #101, Salinas, CA 93901



Introduction

- Salinas Valley Solid Waste Authority (Authority) is responsible for long-term and cost-effective solid waste disposal and resource recovery services to its members.
- The Authority has been considering a new location for its operations, and potential for a permanent materials recovery facility and transfer station, which would allow for the Authority to implement State law mandates to increase recycling and diversion activities.
- The new facilities may involve a single site or a mix of locations within Monterey County.

Regulatory Framework and Requirements

- **AB 939** requires local jurisdictions to implement programs to achieve 25 percent diversion of all solid waste from disposal by January 1, 1995, and 50 percent diversion by January 1, 2000.
- **AB 341** requires mandatory commercial recycling, and establishes a new statewide goal of 75 percent recycling.
- **AB 1826** requires businesses to recycle organic waste on and after April 1, 2016; requires local jurisdictions to implement organic waste recycling programs to divert waste away from landfills beginning on January 1, 2016.
- **AB 876** requires counties and regional agencies to estimate the amount of organic waste in their area over a 15-year period, estimate how much additional organic waste recycling facility capacity will be needed, and identify locations for new or expanded facilities.

Project Objectives

- Reduce solid waste disposal at the Authority's landfill.
- Increase recycling and reuse per State mandates.
- Continue providing comprehensive solid waste recovery and disposal services to the jurisdictions served by the Authority.
- Evaluate a permanent solid waste transfer station and materials recovery center in the Salinas area to replace existing facility, or closure and redirection to Monterey Regional Waste Management District (MRWMD).
- Local integrated waste recovery system with Clean Fiber and Organics Recovery System (CFORS) technology, or contracted use of MRWMD Landfill and/or resource recovery facilities.
- Minimize land use conflicts and environmental impacts.

Project Background and History

- 1998 – present: The Authority has been considering a permanent materials recovery and transfer station site (station).
- 2002: A station was pursued at 135 and 139 Sun Street following unsuccessful negotiations to purchase the Madison Lane site.
- 2008 – present: The existing Sun Street location is within an area being considered for redevelopment by the City of Salinas.
- 2008: The City requested the Authority to consider re-locating outside the proposed redevelopment area.

Project Background and History

- 2008 – 2013: A potential relocation of the facility to a site on Work Street was considered.
- 2008: A Memorandum of Understanding was executed between the City and the Authority identifying a City owned site on Work Street as a preferred relocation site.
- 2013: The City determined that the Work Street site should continue as a leased property housing an asphalt batch plant.
- 2015: The Authority Board directed staff to prepare an EIR evaluating multiple scenarios and sites for a materials recover center and/or private development of CFOR System.

Project Site Locations

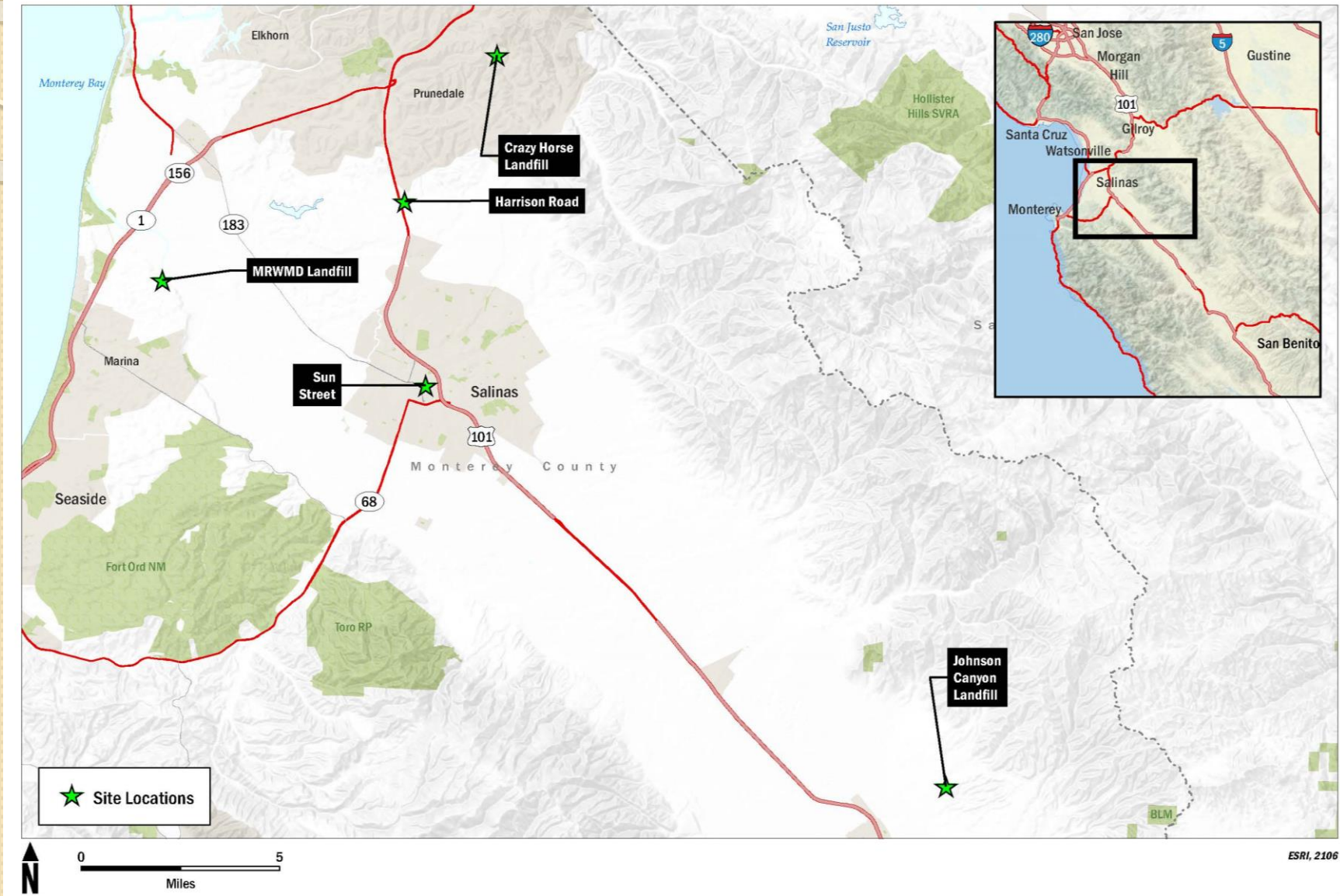
- The Project involves the construction and operation of a permanent municipal solid waste materials recovery center consisting of one or more facility locations.
- The location sites include:
 - Harrison Road
 - Sun Street
 - Crazy Horse Landfill
 - Johnson Canyon Landfill
 - Contract use of the Monterey Regional Waste Management District (MRWMD) landfill and/or materials recovery facility
- The scenarios may involve one or more of these sites, with different options for waste handling and operations as shown in the following table and figure.

Summary of Alternative Sites

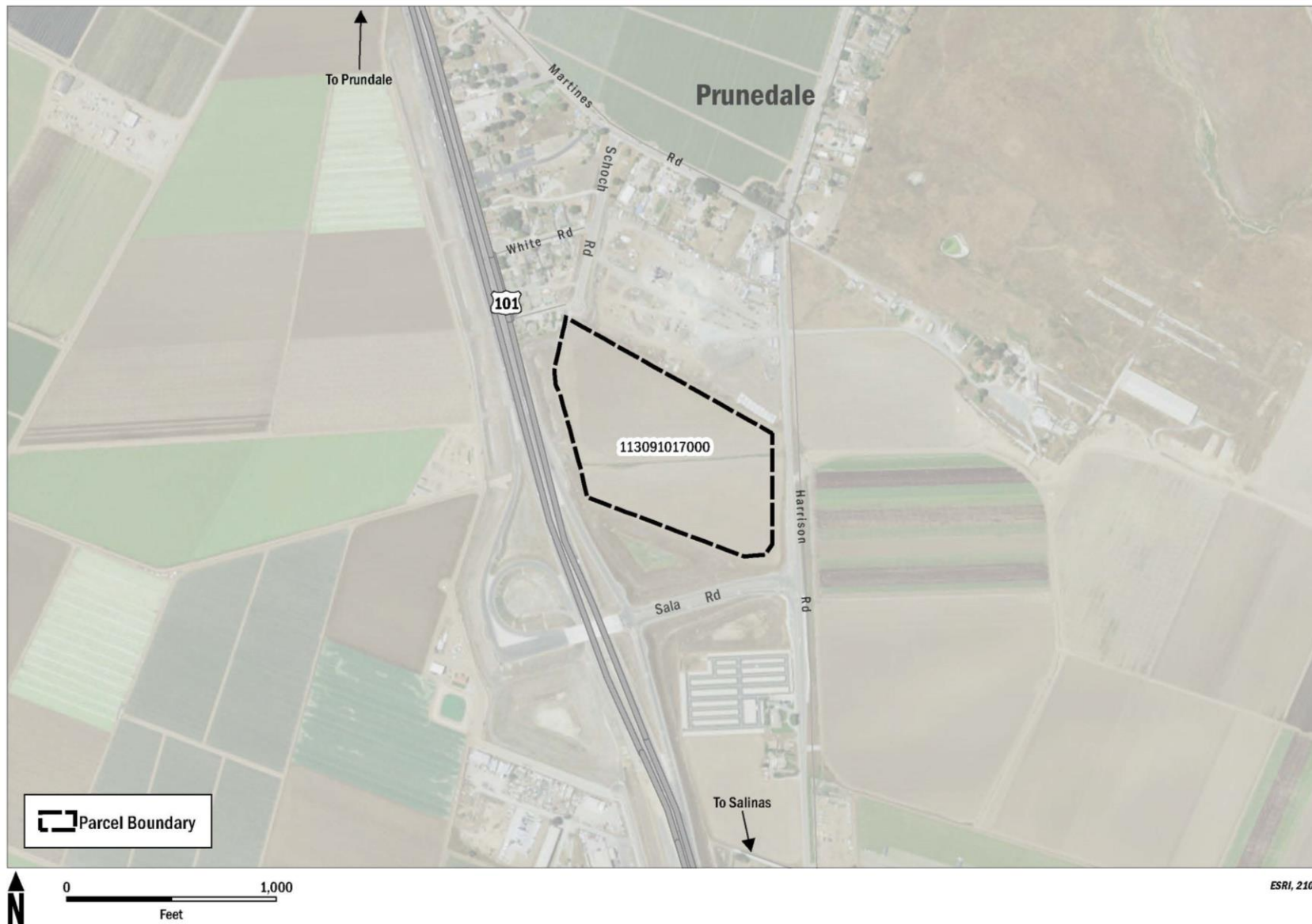
Table 1 – Summary of Alternative/Scenario Sites and Overall Operations

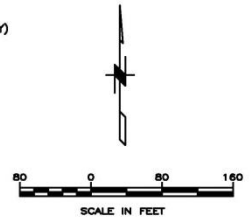
Location	Facility Type
Harrison Road	<ul style="list-style-type: none">• Clean Fiber and Organics Recovery System• Transfer Station• Recycling Center• Household Hazardous Waste (HHW) facility• Maintenance Building• SVSWA Office Building
Sun Street	<ul style="list-style-type: none">• Transfer Station• Recycling Center• HHW Facility• Maintenance Building
Crazy Horse Landfill	<ul style="list-style-type: none">• Transfer Station• Recycling Center• HHW Facility
Johnson Canyon Landfill	<ul style="list-style-type: none">• Clean Fiber and Organics Recovery System
No Salinas Facility	<ul style="list-style-type: none">• No new facilities• All Salinas and North Monterey County franchise tonnage and self-haulers to MRWMD for burial or processing• Existing Sun Street facility closes with Authority staff reductions

Regional Map



Harrison Road

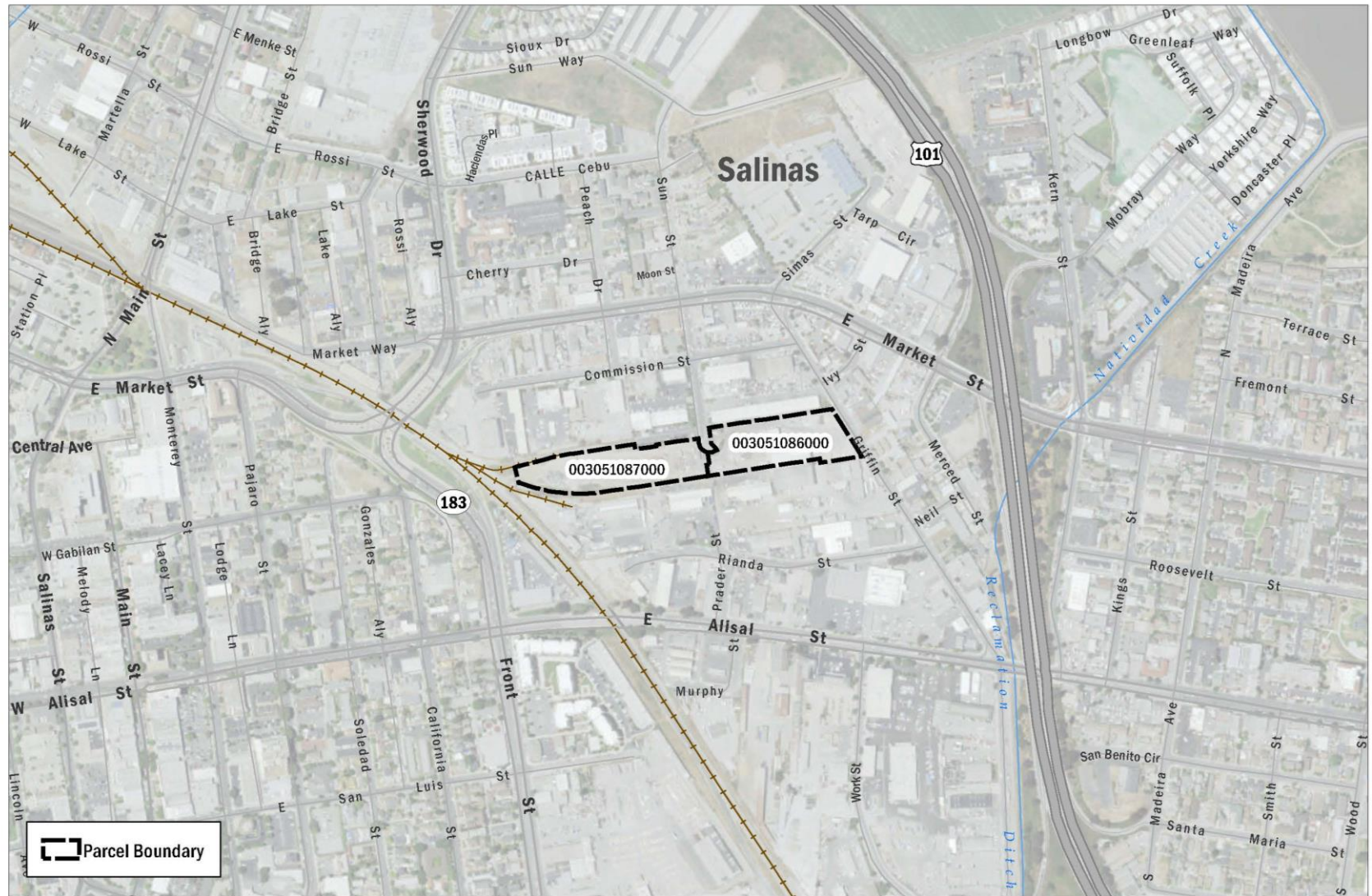


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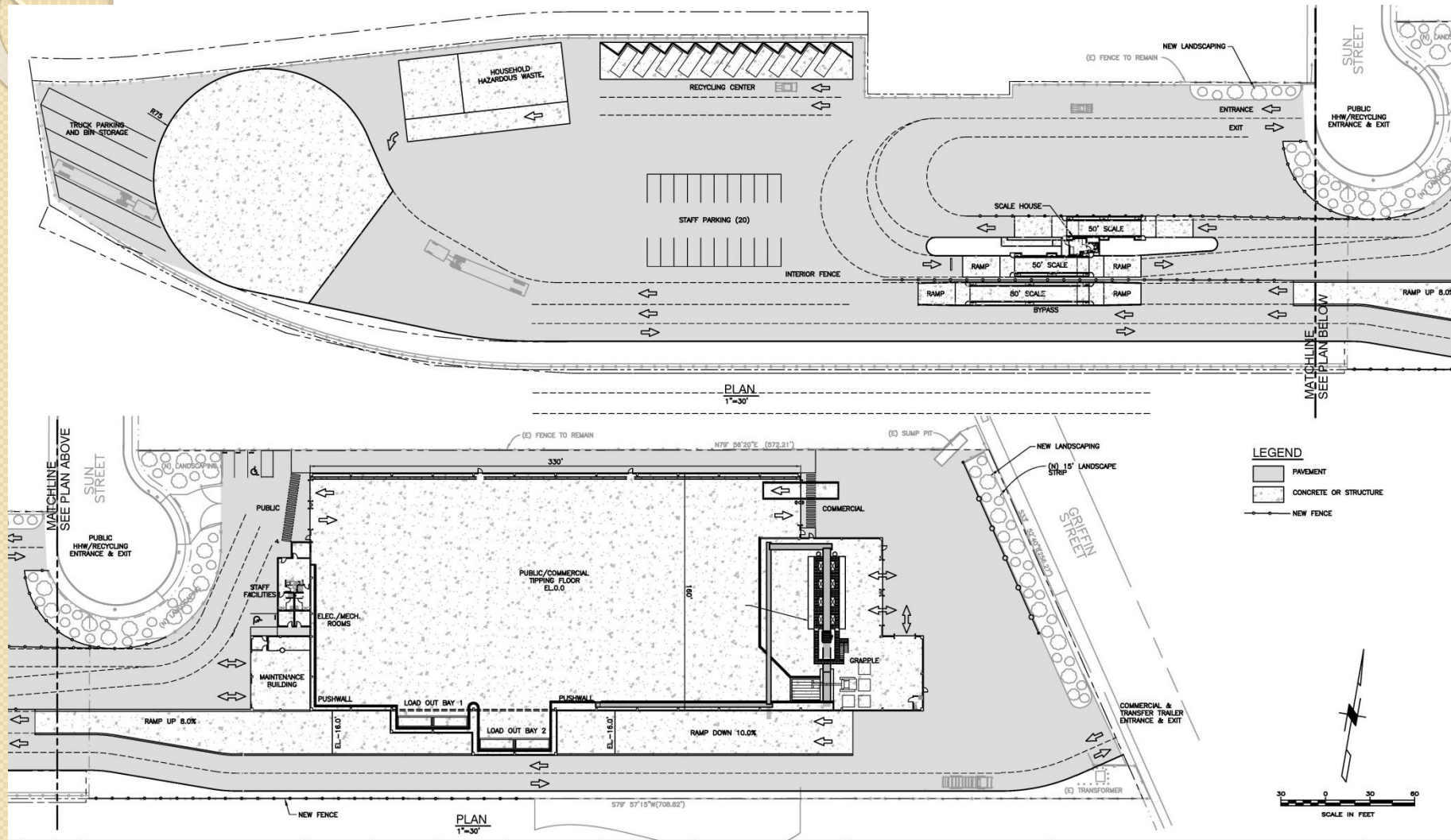
Proposed Transportation Map



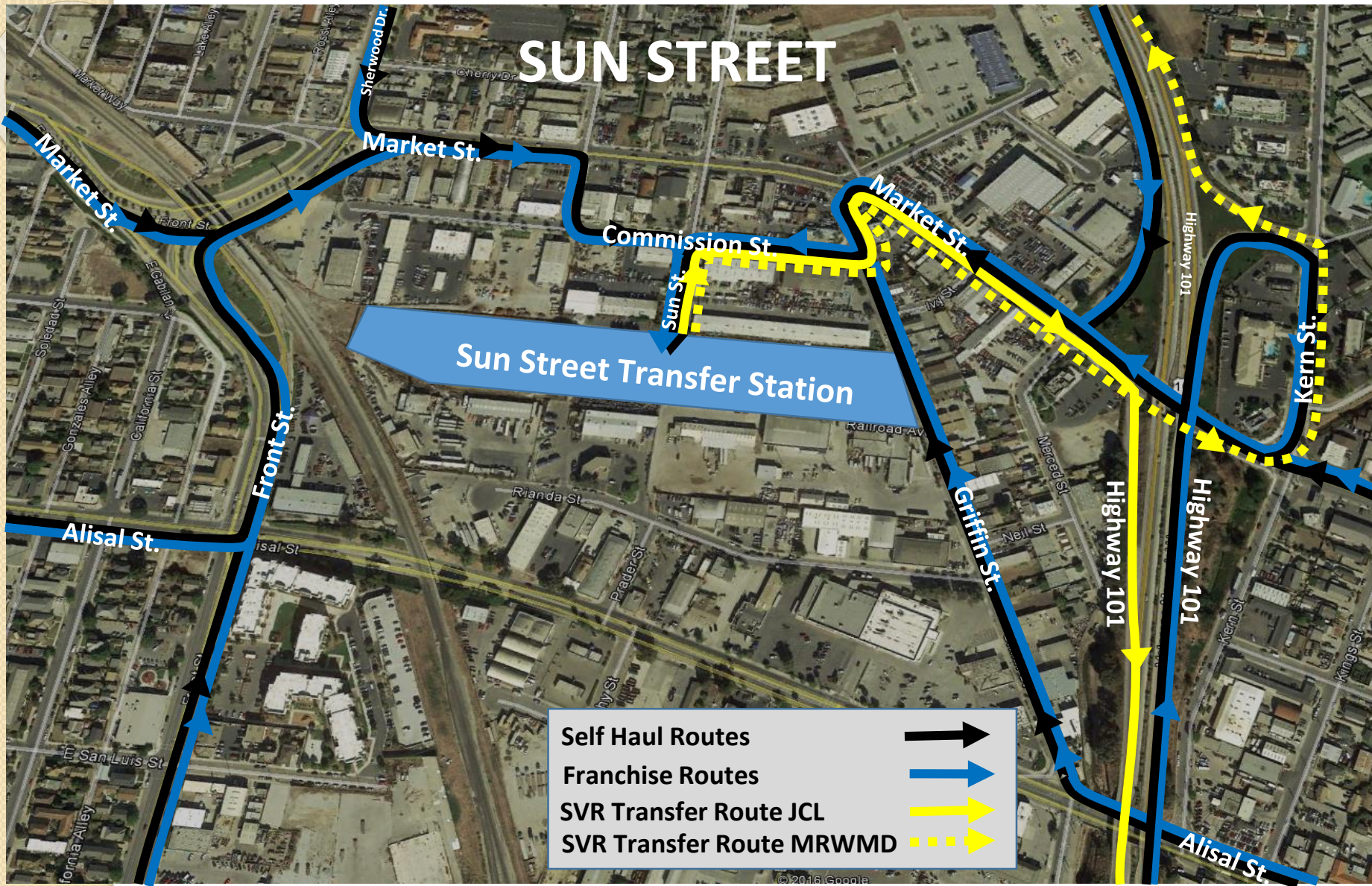
Sun Street



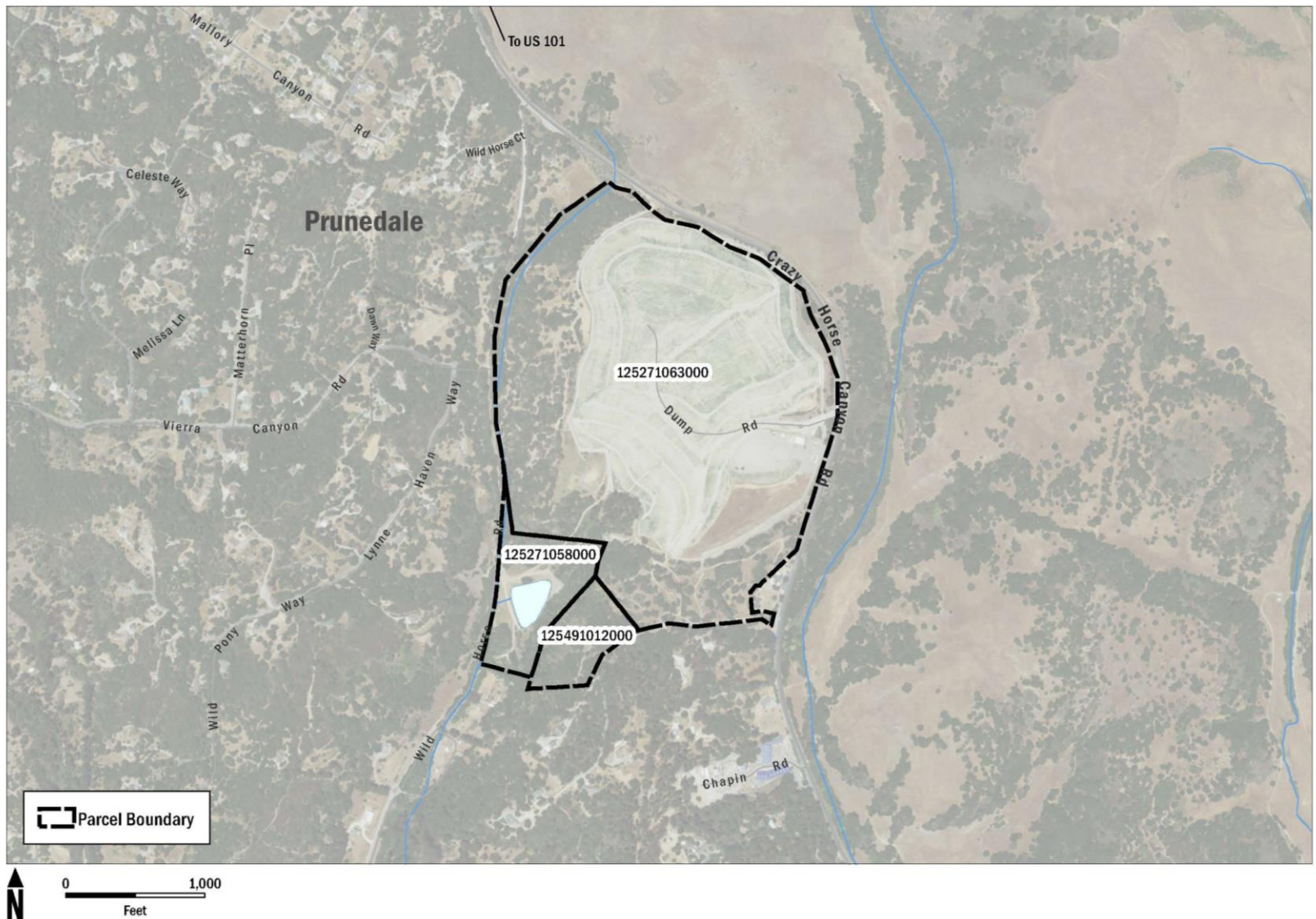
Sun Street Transfer Facility Conceptual Plan



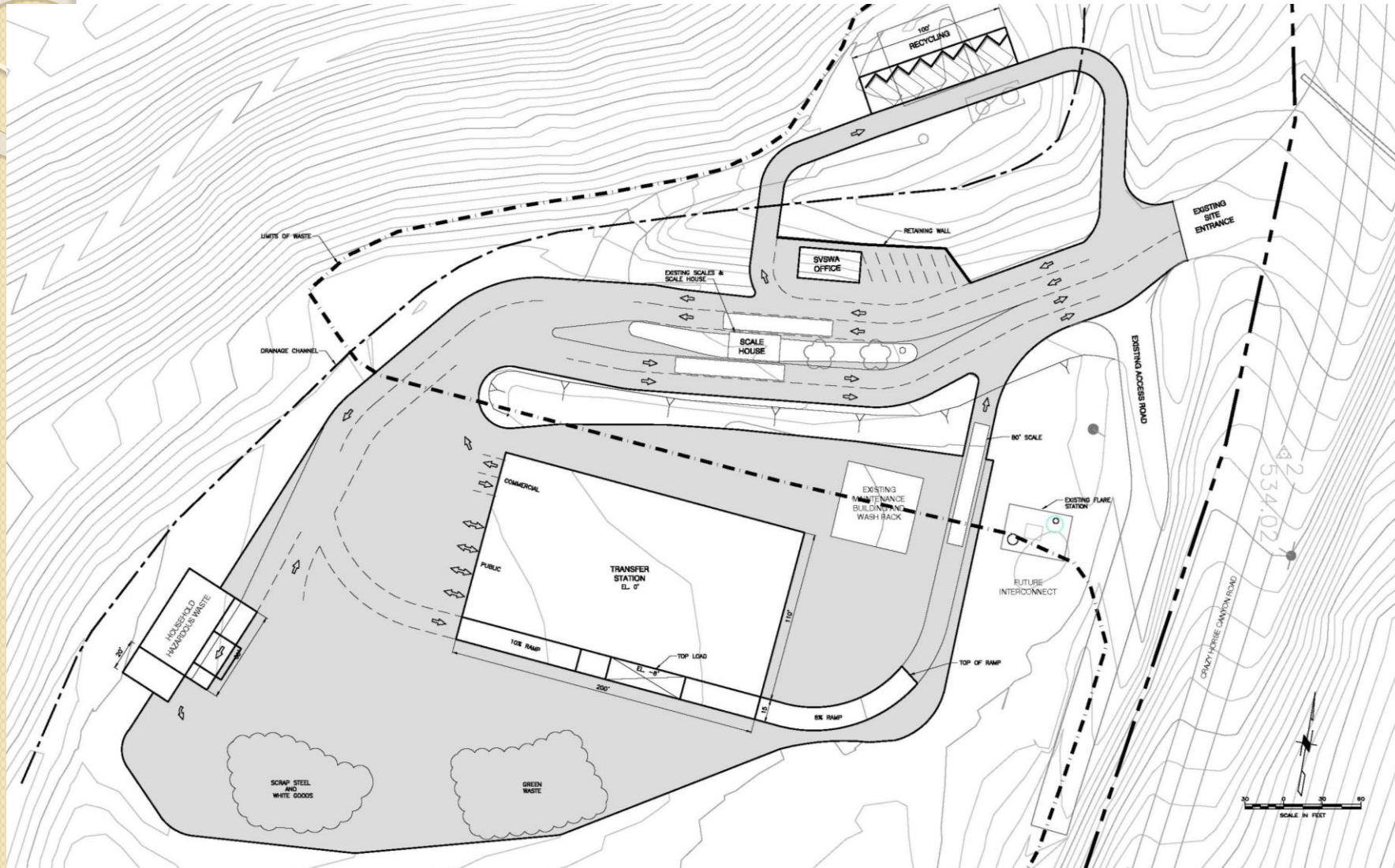
Proposed Transportation Map



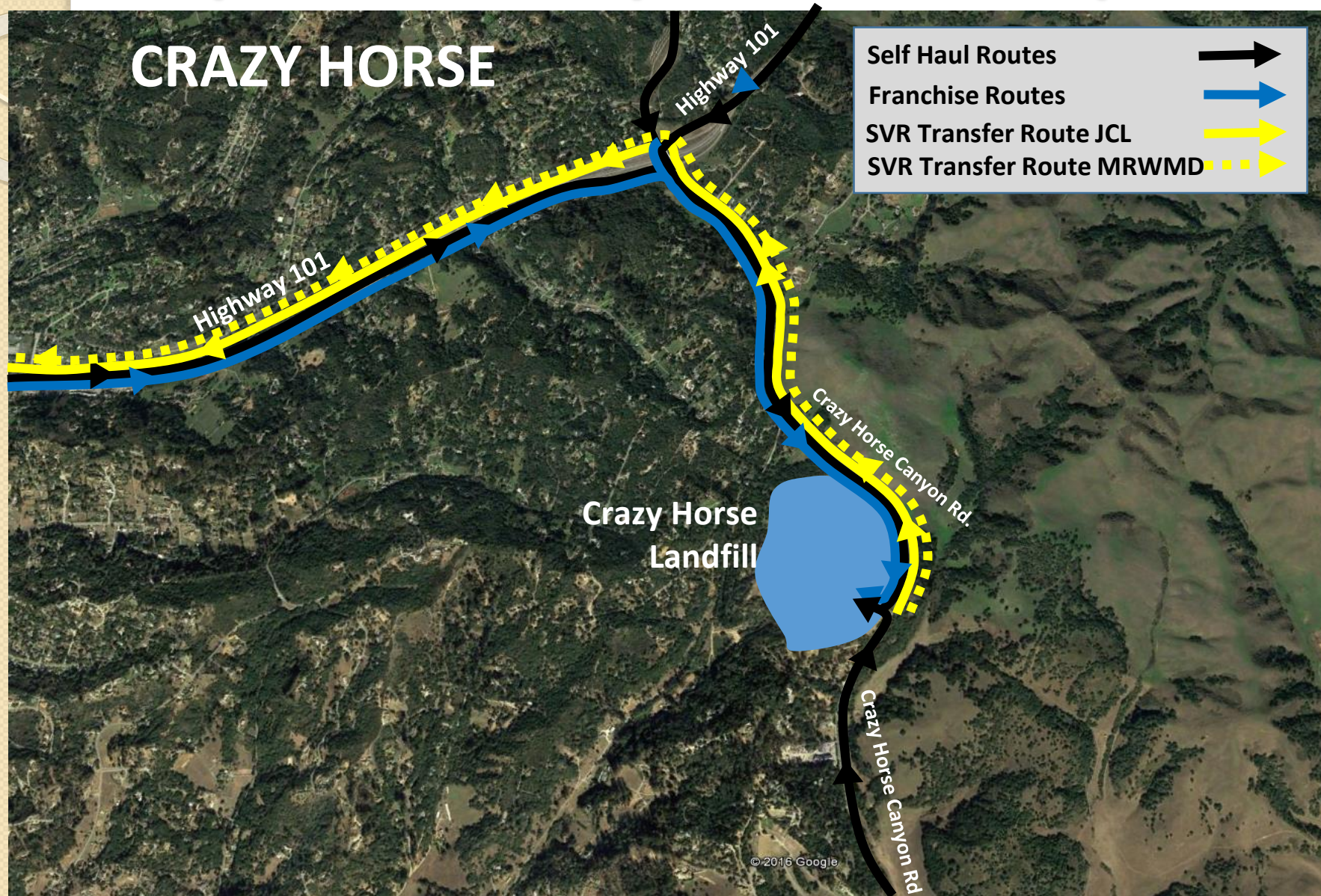
Crazy Horse Landfill



Crazy Horse Landfill Conceptual Plan



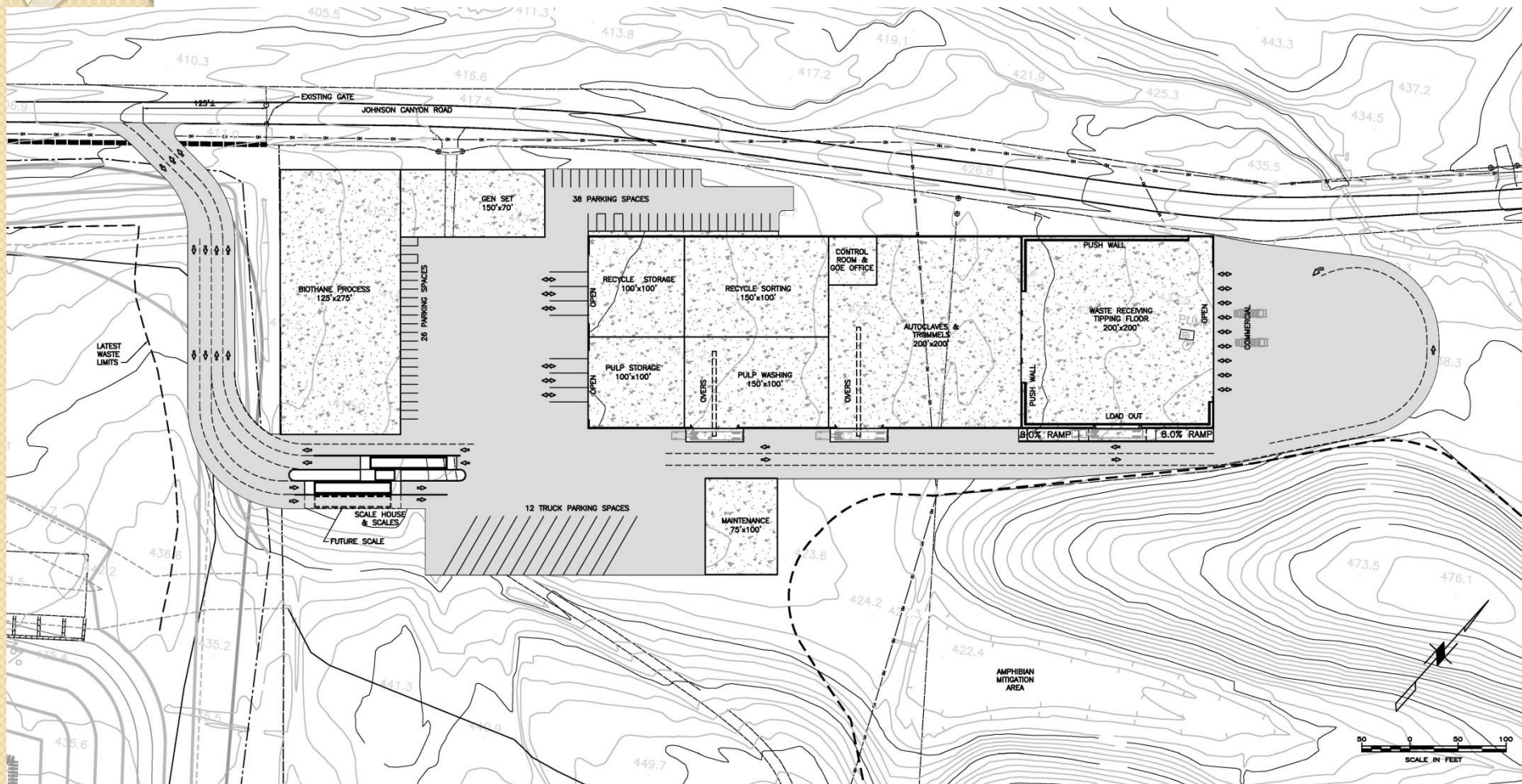
Proposed Transportation Map



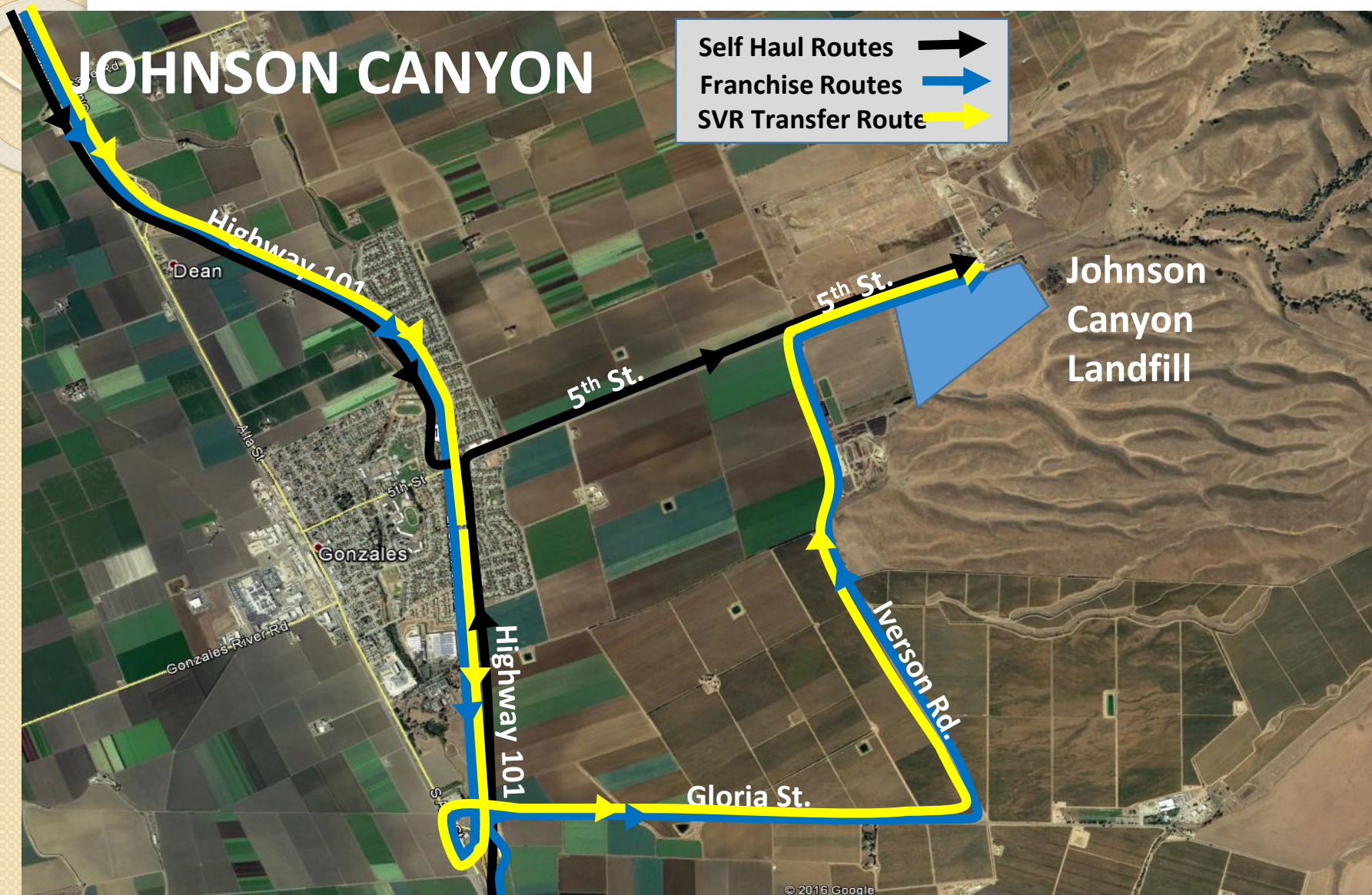
Johnson Canyon Landfill



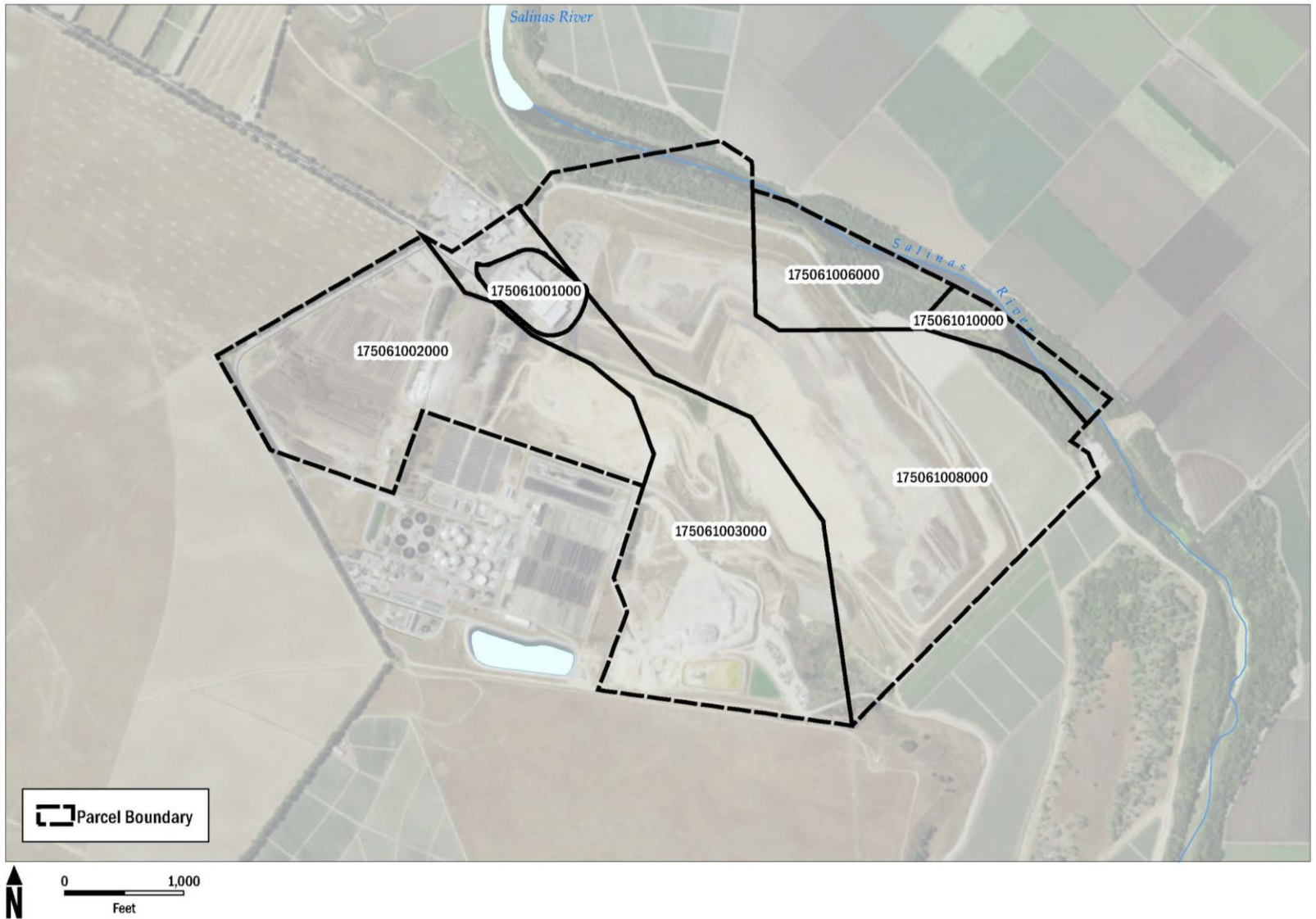
Johnson Canyon Landfill Conceptual Plan



Proposed Transportation Map

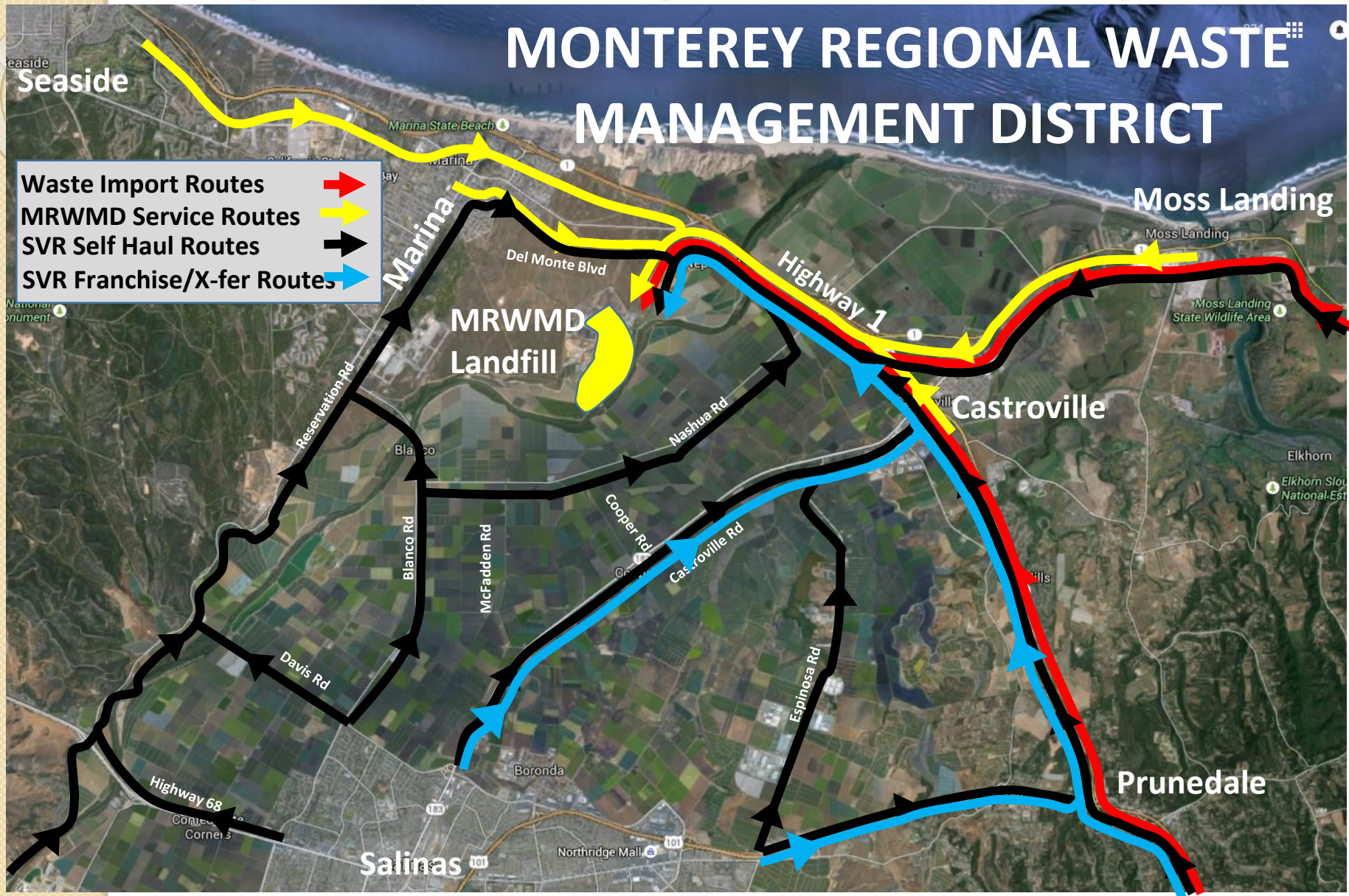


MRWMD Landfill/MRF



Proposed Transportation Map

MONTEREY REGIONAL WASTE MANAGEMENT DISTRICT



Project Characteristics and Components

- In general, these project characteristics are applicable in some form to each scenarios planned for the different site alternatives.
 - Commercial and Public Scales and Scale House
 - Transfer Station
 - Materials Recovery Center
 - Household Hazardous Waste (HHW) and Recycling Drop-Off Area
 - Clean Fiber and Organics Recovery System, or contracted use of MRWMD materials recovery facility
 - Administration Offices/Staff Facilities
 - Maintenance Building
 - Outdoor Areas

Alternative Scenarios Details

Table 4 – Alternative Scenario Descriptions		
Scenario	Facility Description	Proposed Location(s)
1	All Alternative Scenarios at Harrison Road <ul style="list-style-type: none"> Up to 1,500 tons per day facility Materials processed: municipal solid waste, yard waste, recyclables, HHW From Salinas and North County franchise haulers and self-haulers Clean Fiber and Organics Recovery System Materials Recovery Center HHW collection facility Transfer station Administrative offices Salvaged material sales Existing Sun Street facility closes 	<ul style="list-style-type: none"> Harrison Road
2	Transfer Station <ul style="list-style-type: none"> Up to 1,000 tons per day facility at one of 3 proposed sites Municipal solid waste, yard waste, recyclables, HHW From Salinas and North County franchise haulers and self-haulers Recycling Center HHW collection facility Transfer station to move consolidated materials to Clean Fiber Recovery System facility (Scenario 3) for processing and/or directing wastes to a landfill Sun Street facility closes if either of the other two sites are pursued 	<ul style="list-style-type: none"> Sun Street Crazy Horse Landfill Harrison Road

Alternative Scenarios Details

3	Clean Fiber and Organics Recovery System <ul style="list-style-type: none"> Up to 1,200 tons per day facility at one of 2 proposed sites Global Organics Energy clean fiber and organics recovery system Existing Sun Street facility closes if either of the other two sites under Scenario 2 above are pursued 	<ul style="list-style-type: none"> Harrison Road Johnson Canyon Landfill
4	No Salinas Facility <ul style="list-style-type: none"> No new facilities All Salinas and North Monterey County franchise tonnage direct hauled to Monterey Regional Waste Management District for landfill burial or materials recovery processing All self-haulers directed to MRWMD for public drop-off services Existing Sun Street facility closes with Authority staff reductions 	<ul style="list-style-type: none"> Monterey Regional Waste Management District (MRWMD)
5	“No Project” – Minor expansion of Sun Street facility with or without MRWMD <ul style="list-style-type: none"> Up to 600 tons per day (existing Sun Street facility is expanded to accommodate additional tonnage) Salinas franchise solid waste and green waste received at Sun Street North county franchise solid and green waste received at Madison Lane Self-haulers choose Sun Street or Madison Lane Recycling Center for self-haul customers HHW Collection facility Tonnage transferred to Johnson Canyon Landfill, and/or Select tonnage transferred to MRWMD for materials recovery processing 	<ul style="list-style-type: none"> Sun Street MRWMD

Environmental Impact Studies

- Aesthetics
- Air Quality/GHG Emissions
- Agricultural Resources
- Community Impacts
- Cultural Resources
- Growth Inducing Impacts
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Noise and Vibration
- Public Services
- Transportation/Traffic
- Utilities
- Cumulative Impacts

Potential Permits or Approvals

Regulatory Agency	Potential Permit, Authorization, or Approval
STATE AGENCIES	
CalRecycle	Solid Waste Facility Permit
REGIONAL AGENCIES	
Salinas Valley Solid Waste Authority	Project approval
Regional Water Quality Control Board	General Permit for Storm Water Discharges Associated with Industrial Activities and Notice of Intent to Comply with NPDES Construction Permit, if disturbing more than 1 acre of land.
Monterey Bay Unified Air Pollution Control District	Authority to Construct and Permit to Operate
Monterey Regional Waste Management District (MRWMD)	CEQA review of impacts and document approval Health and Safety Code, Sections 4100-4165 Authority

Potential Permits or Approvals

Monterey County	Resource Management Agency (RMA)	Use Permit
		Possible rezone
		Site Plan and Design Review
		Construction Permits (e.g., grading, demolition, building)
		Drainage/Stormwater Review
	Environmental Health Bureau (EHB)	Solid Waste Facility Permit
		Hazardous Material Business Response Plan Permit
		Hazardous Waste Permit
		Aboveground Storage Tank Permit (if storage of petroleum is over 1,320 gallons)
		Underground Storage Tank Permit (if not removed)
		Underground Storage Tank (UST) Removal Permit (if removed)
		Waste Tires Permit
		Solid Waste Truck Yard Permit
		Solid Waste Truck Permit
		Large Volume Transfer Station Permit

Comments or Questions?