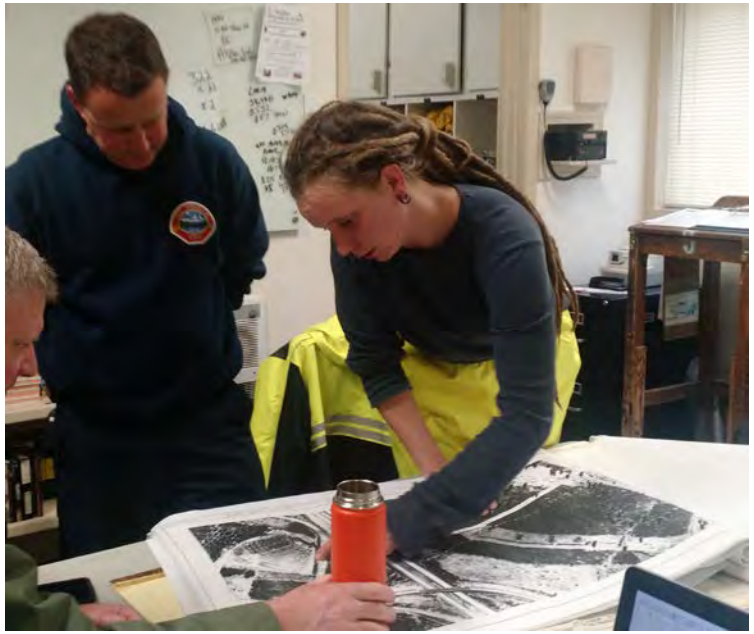


General Plan Scoping Session 3

Safety, Public Facilities, Noise, Wealth/Economic Development, Cultural & Historical, and Smart

Land Use

- What are we going to put and where?

Circulation

- Where are people going and how are they getting there?

Housing

- Basic Fundamental Need

Conservation

- What are our natural resources and how do we effectively manage them for public and private benefit?

Open Space

- What undeveloped areas are vulnerable? How do we preserve these spaces?

Water Resources

- How do we manage water resources? What is the value of water?

Environmental Justice

- Are our plans equitable?

Safety

How do we reduce the impact of natural and man–made disaster on people and property?

Required Goals

Characterize and map all potential seismic, wildfire, drought, climate change, flooding, and other hazards unique to the area

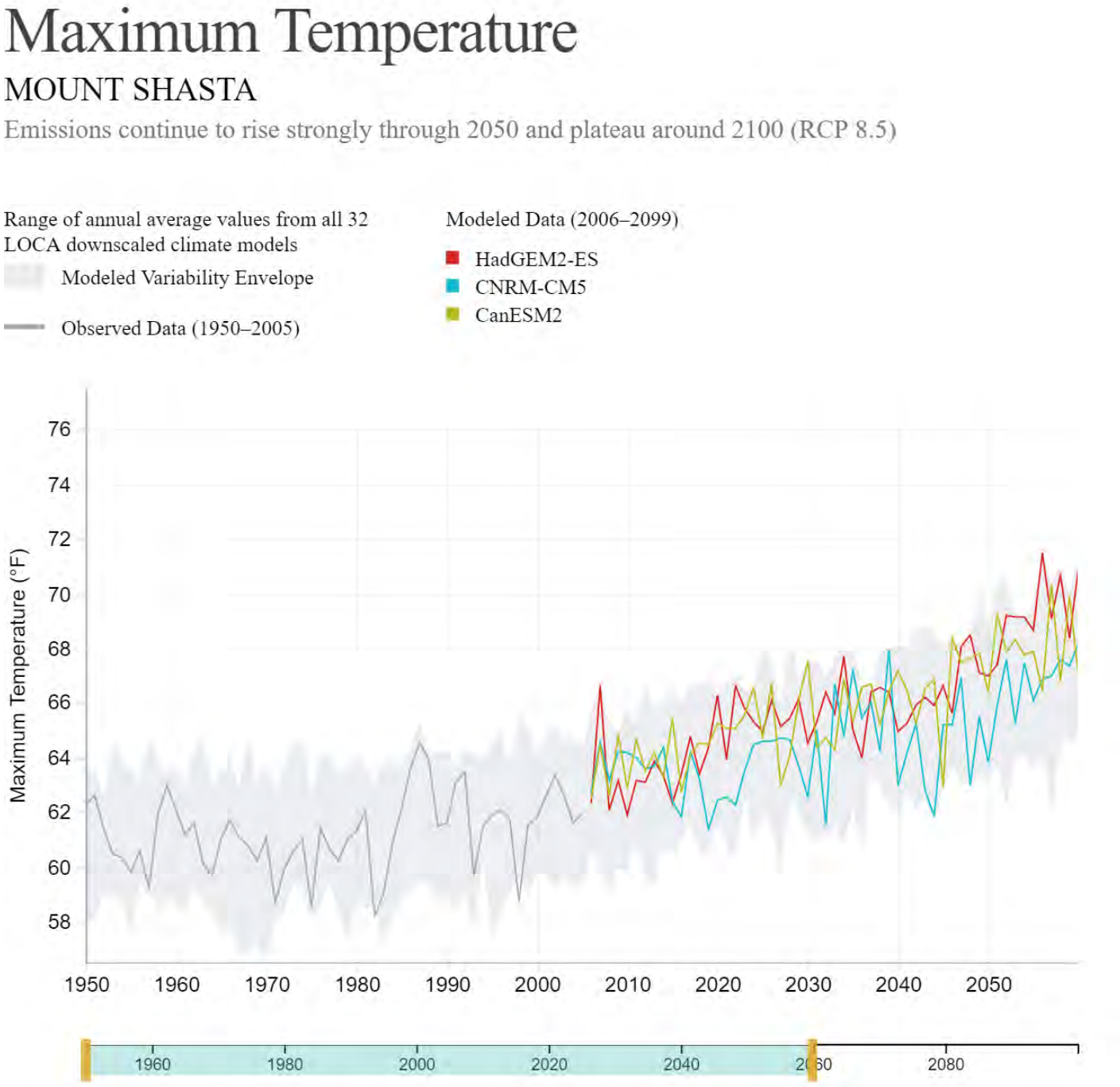
Address evacuation routes, military installations, peak load water supply requirements, and minimum road widths and clearances around structures.

Integrate Local Hazard Mitigation Plan

Safety agency review

Safety Data

- CalFire Severity Zones
- Historical disaster data
- USGS Fire hazard zones
- Flood zones
- CalAdapt Climate Data



Correlating Plans

- Local Hazard Mitigation Plan
- Pacific Power Hazard Mitigation Plan
- CalFire State Wildfire Plan
- County Wildfire Protection Plan
- FEMA Floodplain Management Plan
- Regional Evacuation Plans

Public Facilities

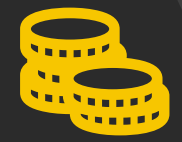
- What public facilities exist or are needed to accommodate current residents and businesses and accommodate growth?

Goals

Catalog and forecast Physical facilities, infrastructure, and City personnel

Establish future policy regarding the provision of services

Integrate public service concerns in land use decision making



Outline funding and capital improvements

Public Facility Data

- Capital improvement plans
- Department needs
- Data from other elements associated with safety, land use, circulation, and housing

What is the difference between good and excessive noise?

Noise

Noise and Vibration

- Noise is a large part of people's memory and experience of a place but can pose health problems. Specifically, sleep deprivation

- Vibration is included in the noise element with a focus on vibration from transportation sources

Required Goal 1

- Identify and appraise noise problems in the community. This involves analysis and quantification, to the extent practicable, as determined by the legislative body, current and project noise levels for:
  - Highways and freeways
  - Primary arterials and major local streets
  - Passenger and freight online railroad operations and ground rapid transit systems
  - Commercial, general aviation, and all other ground facilities and maintenance functions of airport operations
  - Local industrial plants, including, but not limited to railroad classification yards
  - Other ground stationary noise courses identified by local agencies as contributing to community noise environment

Required Goal 2

- Noise contours shall be shown for all of these sources and stated in terms of community noise equivalent (CNEL) or day-night average level. The noise contours shall be prepared on the basis of noise monitoring or accepted noise modeling techniques

Required Goal 3

The noise contours shall serve as a guide for establishing a pattern of land uses in the land use element that minimizes the exposure of community residents to excessive noise

Required Goal 4

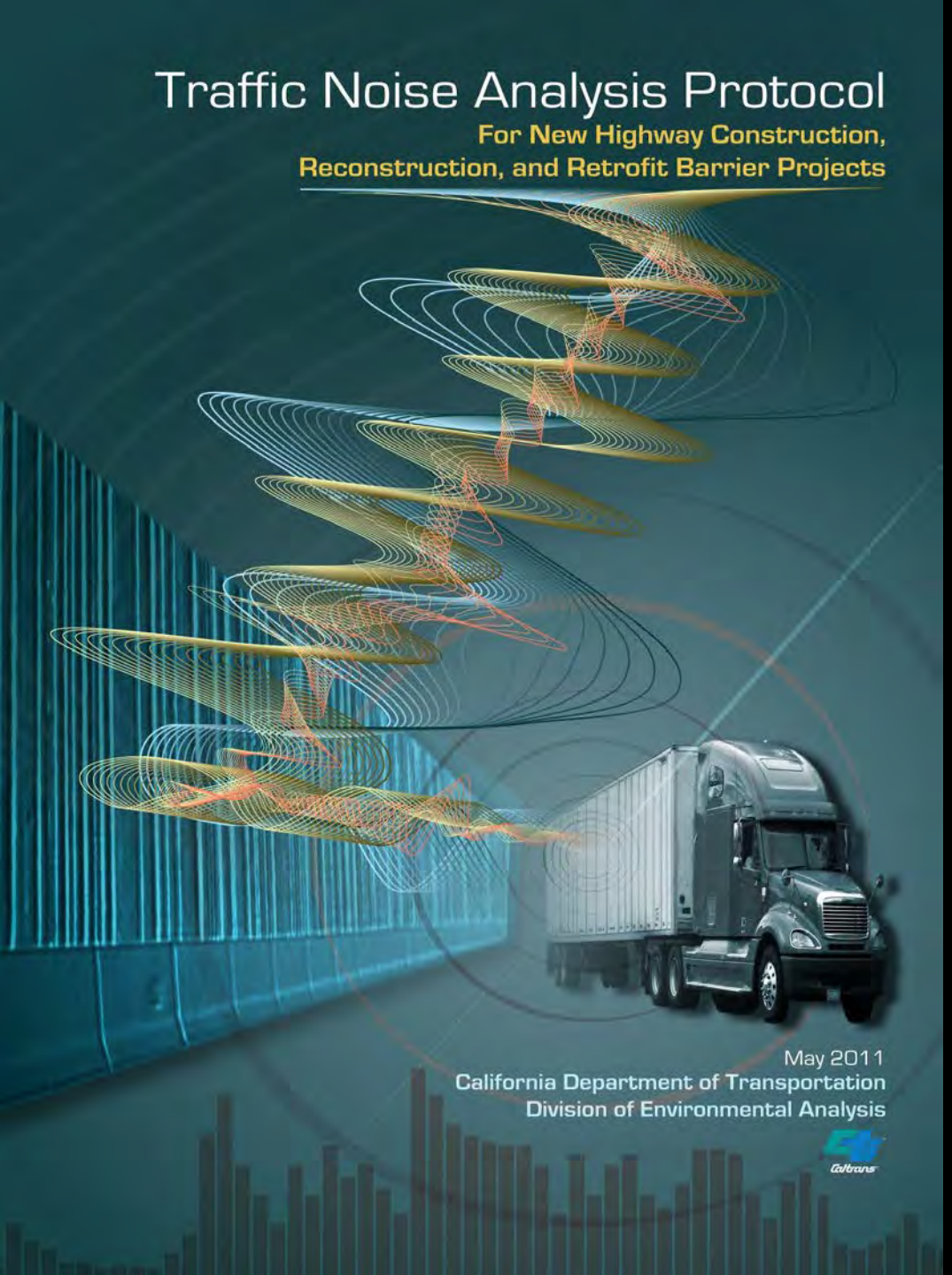
- The noise element shall include implementation measures and possible solutions that address existing and foreseeable noise problems. The element shall serve as a guideline for compliance with the state's noise insulation standards.

Additional Goals

- Determine appropriate levels for each land use type
- Determine appropriate levels of noise of venues that are frequently used for special events
- Determine levels of noise for temporary events
- Determine appropriate grandfathering and transitions of current uses

Noise Data

- Acoustic Analysis
  1. Survey the community to determine the type, location, and extent of noise incompatibility
  2. Explore methods of noise attenuation to minimize exposure to excessive noise
  3. Research methods to protect residences and other sensitive receptors from excessive noise
  4. Draft implementation measures that offer solutions to existing and foreseeable noise problems

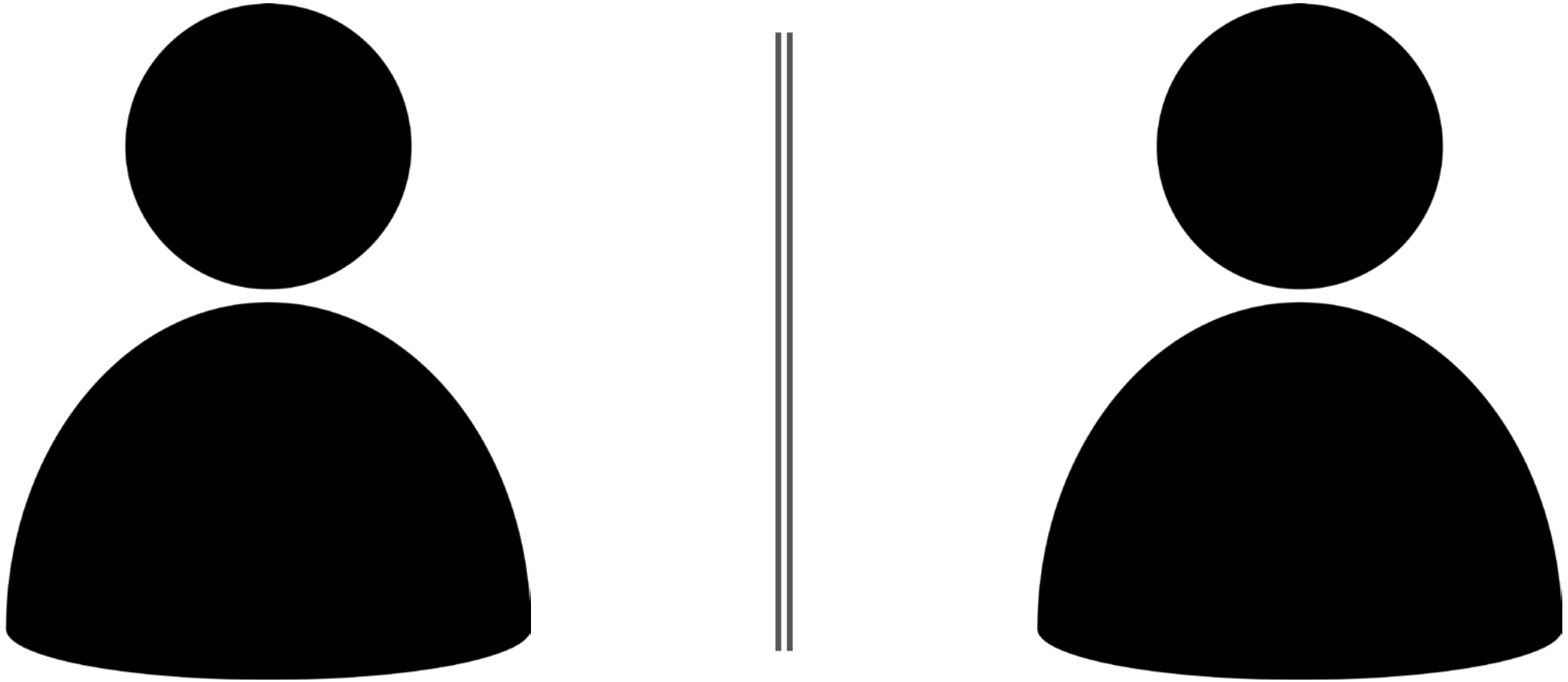


Noise and Vibration Guides

- Caltrans Traffic Noise Protocol
- Federal Highway Administration Highway Traffic Noise Guide
- World Health Organization Guidelines for Community Noise

Wealth/Economic Development

What is the economic and employment drivers of the community?



Wealth vs. Economic Development

Resident #1

- $15 an hour/40 hours a week ($30,000)
- No pension
- State Healthcare Plan
- No childcare assistance
- Highly physical work

Resident #2

- $125,000 a year
- Matching 401k contributions
- Healthcare provided by employer
- Flexible scheduling to care for family
- Offers transportation vouchers for cycling and public transportation

Local Multiplier Effect

- Each industry has a multiplier effect because we all need services related to health, food, and other interests
- Local multiplier for the jobs of the residents are 1.2 and 3.5 respectively. This means that resident #1 having a job results in the creation of 0.2 more jobs in the surrounding economy. Resident contributes 2.5 jobs.
- The creation of higher multiplier jobs in the economy results in more supporting jobs

Economic Development

- There has been 2 jobs created in the community
- Net increase in $155,000 in income
- Concerned with net job growth

Wealth

- There has been one "good" job and one supporting job created in the community
- Net increase in disposable income
- The quality of life for resident #2 is better than #1 due to services and retirement options
- If we need jobs like Resident #1's then how can we ensure they grow their opportunities

Optional Goals

- Characterize the type and diversity of the economy
- Catalog government and non-government constraints to the economy
- Characterize the workforce of the City
- Identify and negate impacts of climate change on the economy
- Identify community assets and fiscal stability

Wealth Data

- Inventory of business establishments
- Inventory of current jobs by industry and business
- Estimated wages by industry and occupation
- Cost of living
- Workforce characteristics
- Education access for workforce training
- Inventory of non-monetary benefits of major employers (i.e. transportation reimbursement, telecommuting policies, childcare assistance)

What historic and cultural assets exist and are worth preserving?

Historical & Cultural

Climate Change and Heritage

Climate Change should be guided by science and traditional, indigenous and local knowledge.

Climate change is already leading to the loss and damage of heritage sites and assets.

State Goals for Cultural and Historical Districts

- Historic
  - Describe and map physical and historical qualities of an area
- Cultural
  - Describe cultural status of jurisdiction
  - Identify and map cultural sites and areas supporting cultural capital
- Both
  - Identify framework to develop historic and cultural resources

H&C Data

- Cultural Asset Inventory
- Map of Historic and Cultural Sites
- Inventory of historic preservation practices

SMART

- What technology can make the city more responsive and efficient? When is it appropriate to apply these technologies?

Optional Goals

- Consider the impact of existing and future impacts on energy systems (i.e. propane, electric consumption)
- Identify and map alternative fuel vehicle infrastructure
- Consider impacts of emerging technologies on existing infrastructure
- Identify open data and multi-medium communication opportunities
- Identify and map communication technology systems

SMART Data

- Energy portfolio assessment
- Inventory of communication mediums and public information
- Broadband and wireless infrastructure mapping
- Inventory of emerging technologies
- Map of electric charging stations

Next Steps

- Draft Scope Recommendation to City Council
- Draft Vision Statement Recommendation to City Council
- Data Collection & Analysis
  - Urban Design
  - Public Facilities
  - Water Resources
  - Noise
- Additional Funding
  - Circulation
  - Land Use
  - Housing