



# Fix-it-First – Regional Asset Program

Caltrans Cross Agency

Senior Regional Planner, Sam Sanford

March 27, 2023



Why?

Where?

What?

# Why...

- is SANDAG looking at a regional asset management?

# Why is SANDAG looking at a regional asset management?



**Public comments**

**Board interest**

**Performance audits**

**Federal performance**

# Why is SANDAG looking at a regional asset management?

## Fix it First – Near Term Implementation Action

## Framework to identify and address preservation needs

**San Diego FORWARD**

**SANDAG**

2021 Regional Plan  
Programs and Policies

### FIX IT FIRST

The safety and maintenance of roads and infrastructure are major concerns for San Diegans. Wear and tear on the region's roads, transit vehicles, and other infrastructure can cause safety concerns and economic losses. Enhancing the existing transportation system with new projects and investing in maintenance of existing infrastructure can make it possible for the San Diego region to have a world-class transportation system.

The 5 Big Moves will build on our existing transportation network and add new connections around the region. By making improvements to maximize use of existing infrastructure, we can make sure our investments are optimized.

#### How would it work?

- Using technology to monitor infrastructure and assess maintenance needs
- Bringing transit and road infrastructure back to optimal performance
- Prioritizing high impact projects and strategically managing infrastructure life-cycles

#### What would it look like?

- Up-to-date regional infrastructure that is resilient to natural disasters and other stressors
- A transportation system that is cared for, safe for all users, and efficient
- Infrastructure that will support the 5 Big Moves investments in services and technology

**64%**  
Portion of major roads in the region's urban area in poor or mediocre condition

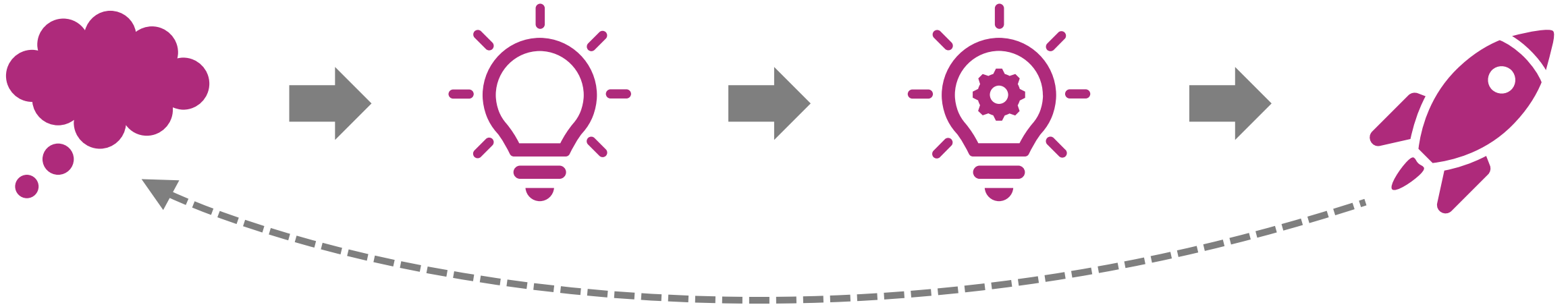
**D**  
Grade received by American Society of Civil Engineers (ASCE) for CA Road Infrastructure

**\$61 billion**  
Average annual cost to California drivers from driving on roads in disrepair

# Where...

- are we in this process?

# Where are we in this process?



# What...

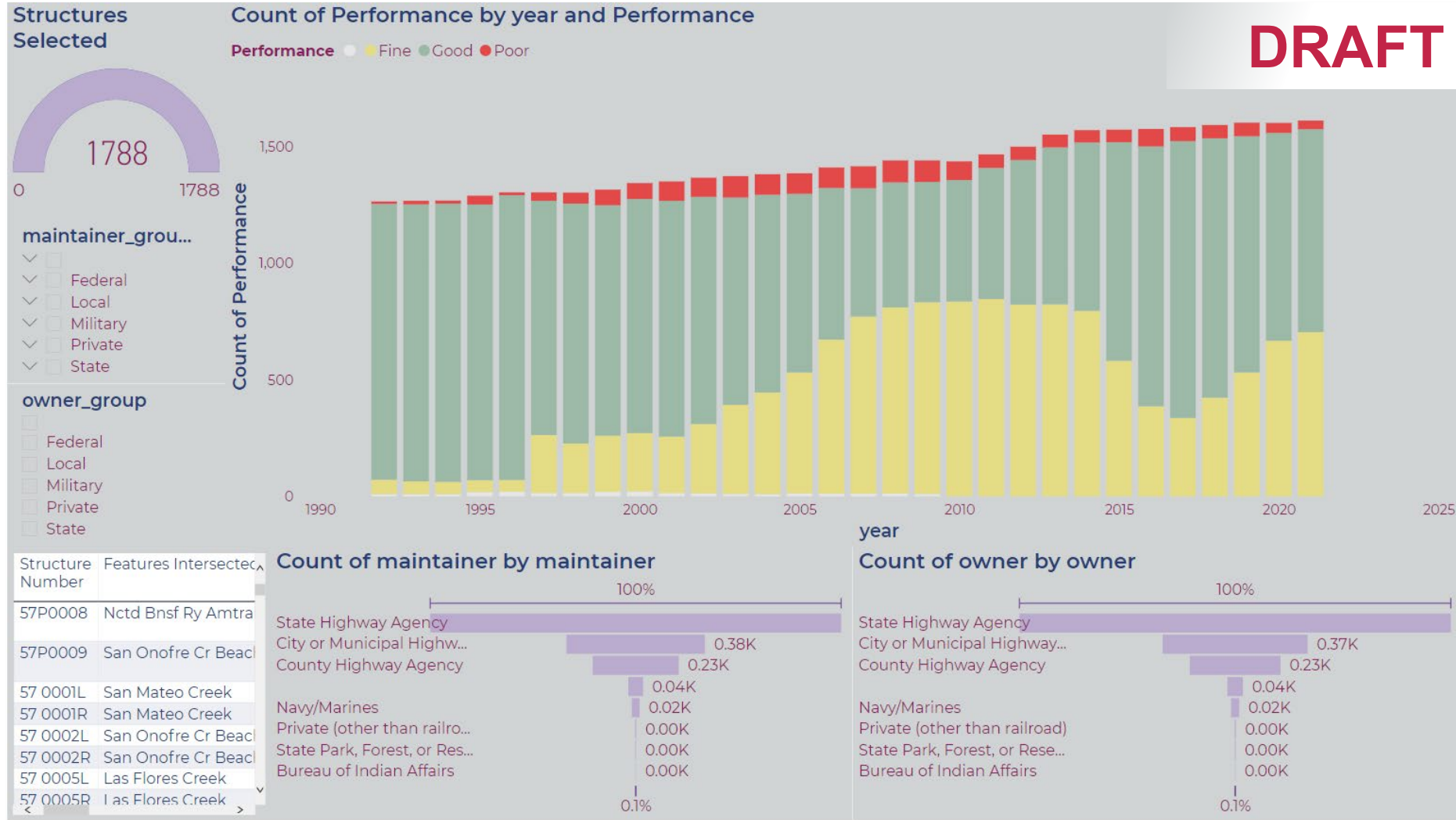
- are we doing?
- are we trying to accomplish?



# What are we doing?

## Creating a Regional Dashboard for:

- Monitoring
- Programming support
- Education
- Analysis



# What are we doing?

Make existing datasets more useable for our stakeholders.

**Structures Selected**

Structure Number	Year	Facility Carried	Features Intersected	Deck Area
57 0019L	2021	Interstate 8 Wb	Viejas Creek	766.25
57 0219	2021	Robinson Avenue	State Route 163	622.71
57 0287L	2021	Interstate 5	De Anza Off-Ramp	1,105.64
57 0309	2021	State Route 125	Panorama Drive	2,243.38
57 0354	2021	Palomar Street	Interstate 5	1,218.30
57 0391	2021	Interstate 5	Rte 163 Connector s	7,024.64

**Performance by Performance**

0 1611 1788

Poor 2.3%  
Fine 43.7%  
Good 54%

**Structural Condition of Bridges in San Diego County**

**DRAFT**

Latitude: 32.73  
Longitude: -117.15  
Max of Log Deck Area: 7.99  
First Structure Number: 57C0596  
First Facility: [unclear]

**Year Date**

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021

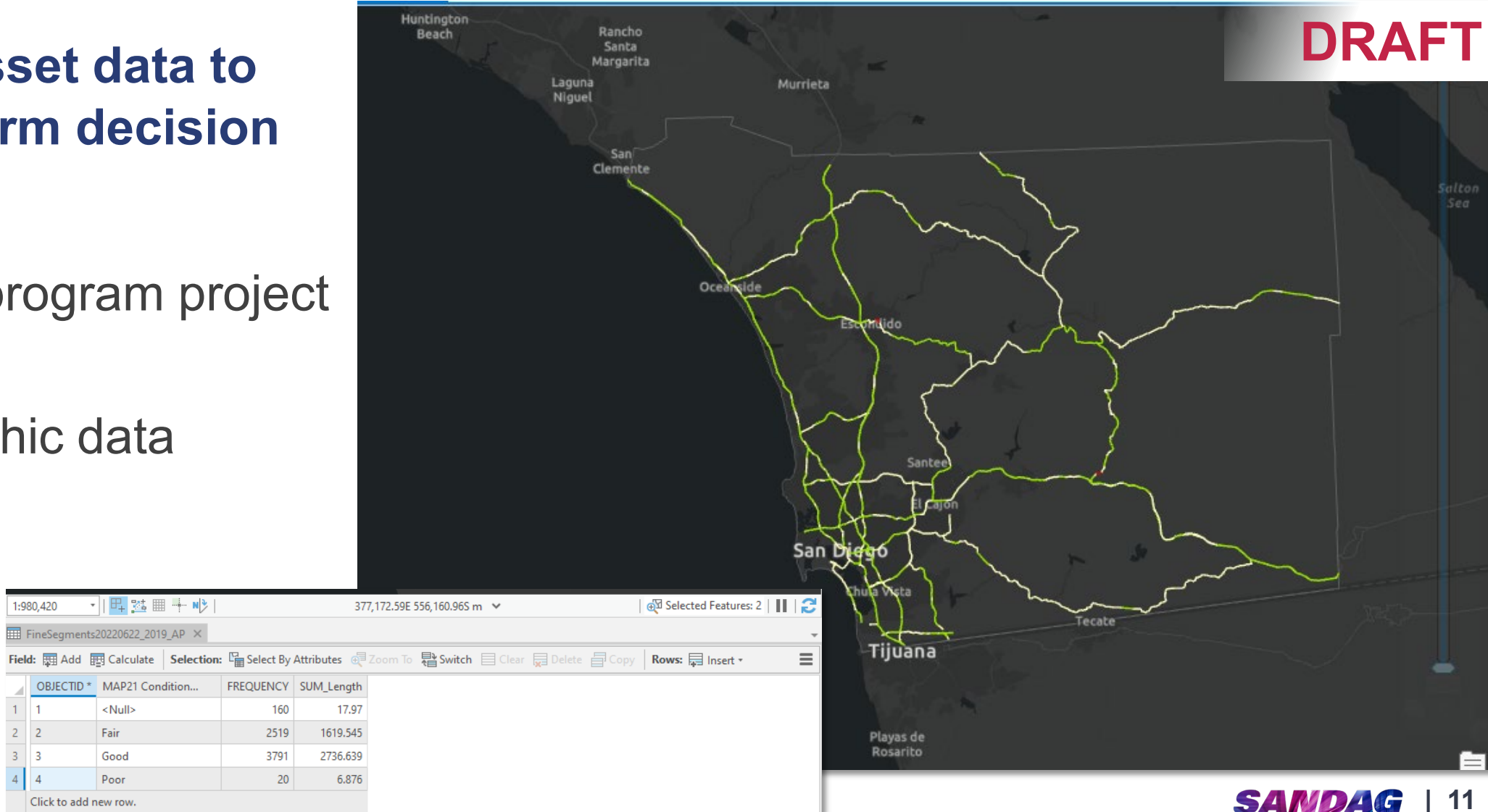
**Facility Carried**

**Features Intersected**

# What are we doing?

**Add non-asset data to further inform decision making.**

- Plan and program project data
- Demographic data
- Use data



# What are we trying to accomplish?

## To understand:

- Regional asset conditions
- What is impacting those conditions

And inform what to do next.



# Stay connected with SANDAG

 Explore our website  
[SANDAG.org](https://SANDAG.org)

 Follow us on social media:  
[@SANDAGregion](#) [@SANDAG](#)

 Email: [samual.sanford@sandag.org](mailto:samual.sanford@sandag.org)

**SANDAG**