Caltrans Project Development

District 1

May 2021

Overview

State Highway Operation and Protection Program (SHOPP) Asset Management Overview
- Project Selection (Project Nomination)
- Project Portfolio Change Management

Transportation Planning Information Sheet (TPSIS)
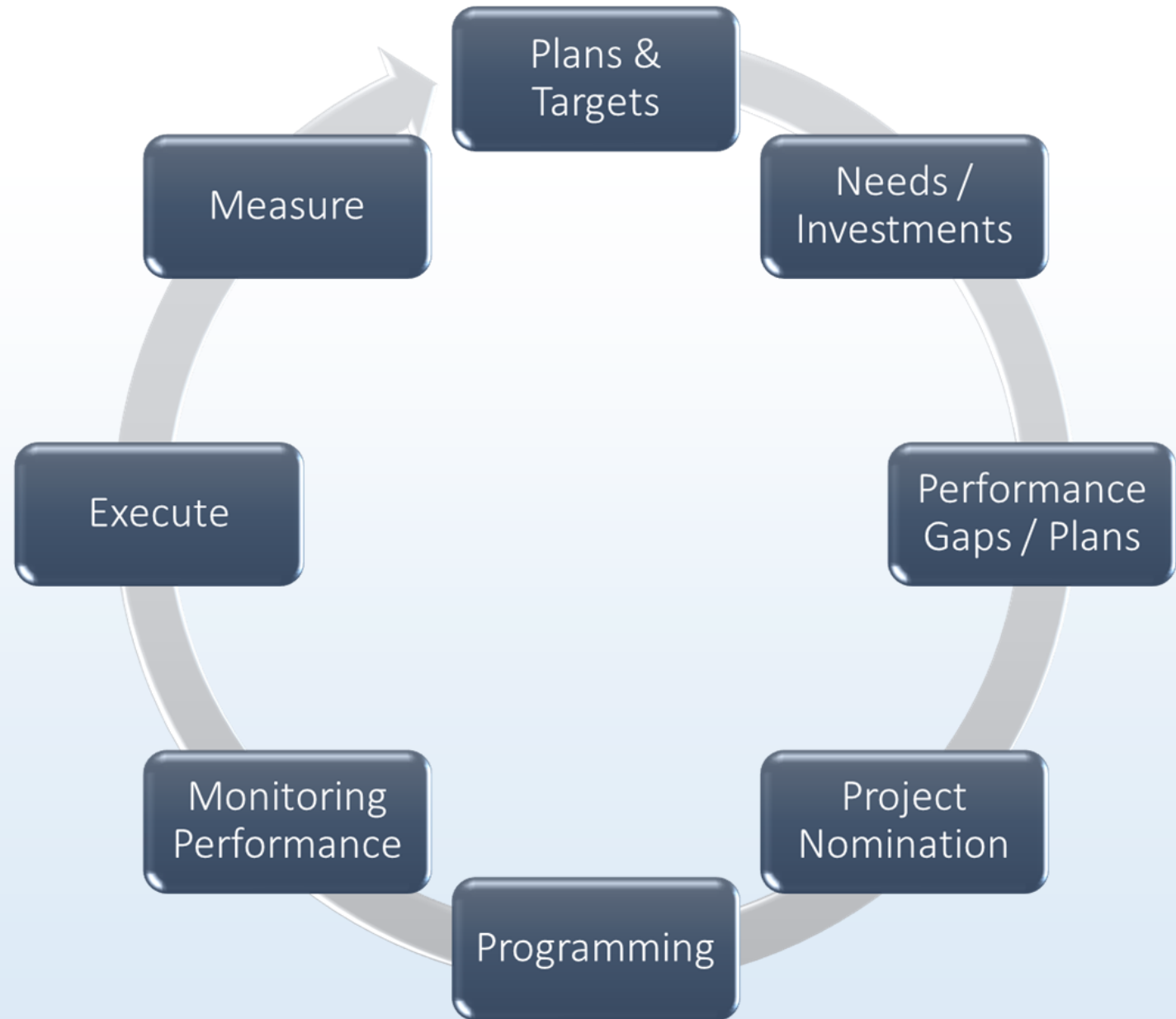
Project Input Opportunities
- Project Nomination
- Project Initiation Document
- Project Development

Asset Management

Caltrans' approach to investing in the State Highway System...

- Preserves assets and minimizes their whole life cost

- Provides a transparent prioritization process

- Creates a financially sustainable framework

- Provides a methodology to improve performance on a long-term basis

SHOPP Asset Management Cycle

Plans & Targets → Needs / Investments → Performance Gaps / Plans → Project Nomination → Programming → Monitoring Performance → Execute → Measure → (back to Plans & Targets)
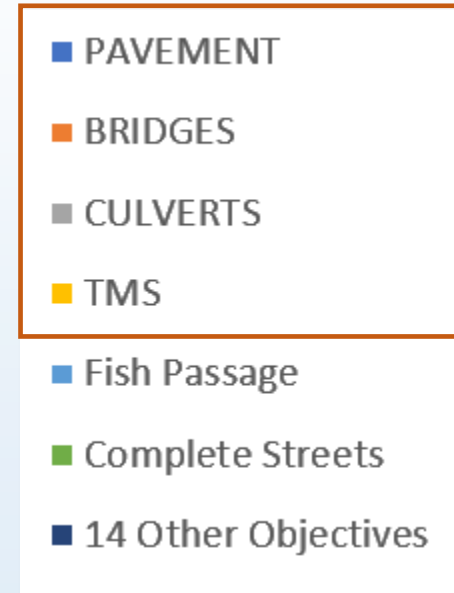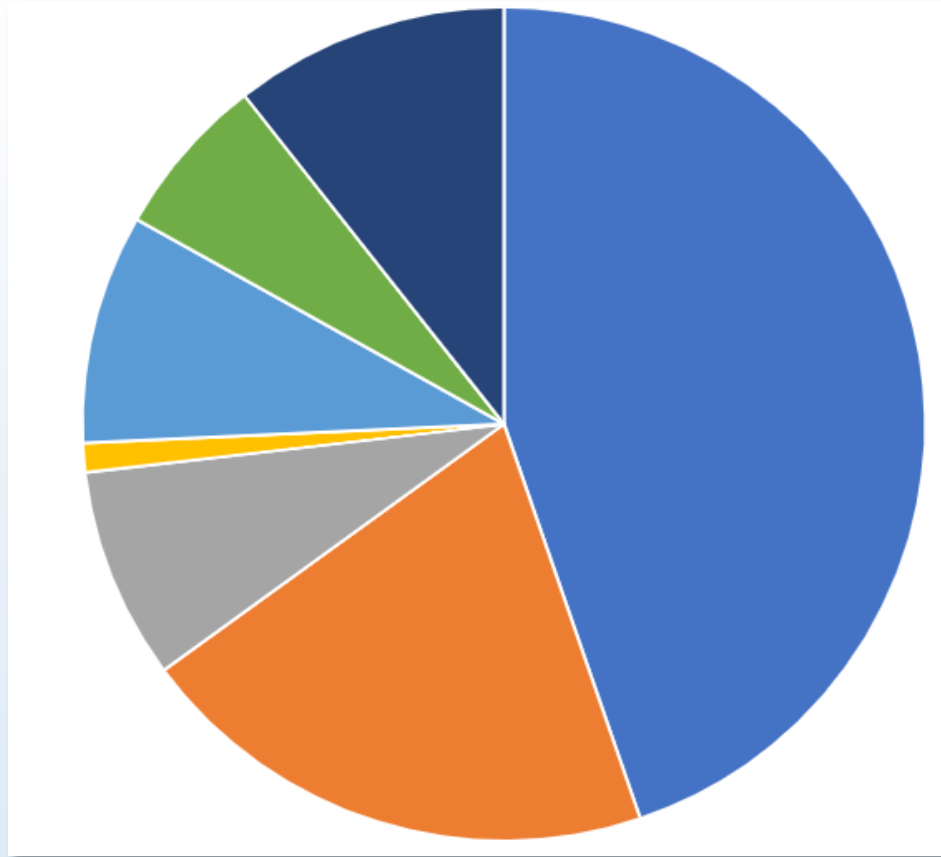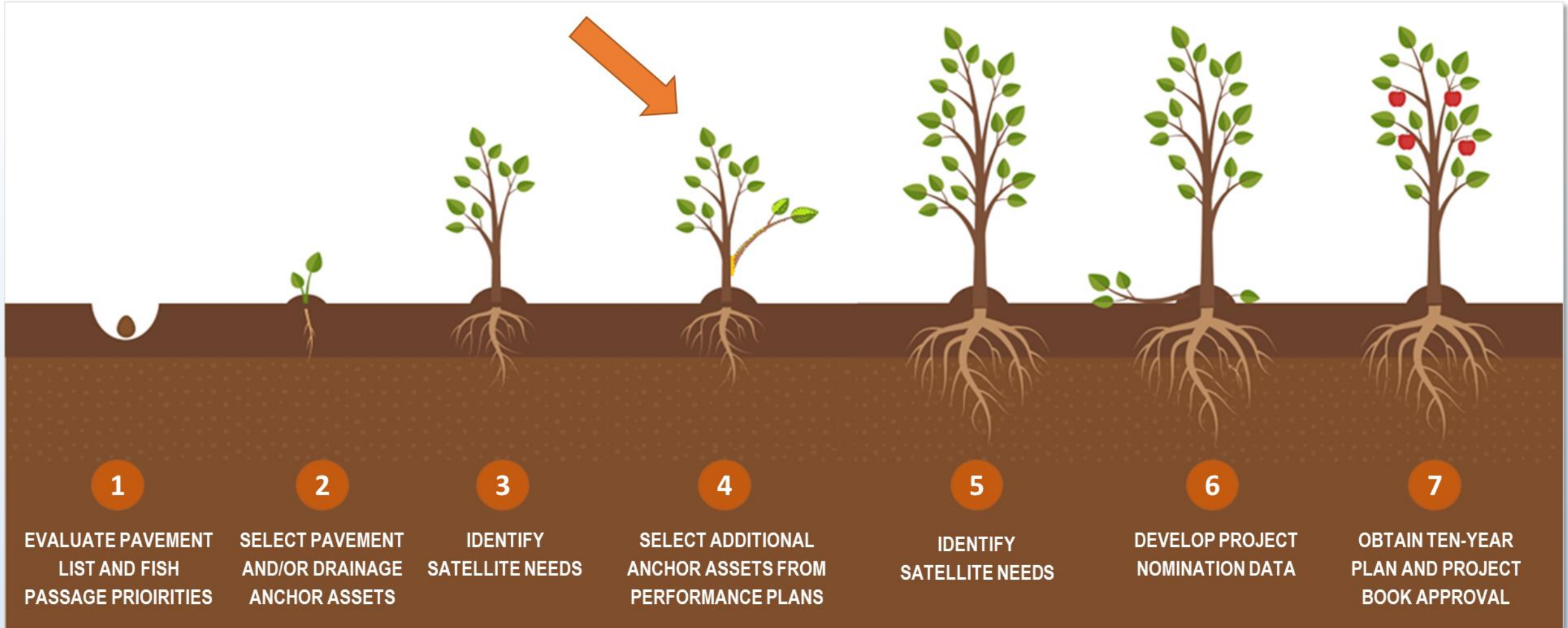
2021 SHSMP District Performance Plans

- **A District Performance Plan** is a SHOPPing list of performance targets that are a byproduct of the State Highway System Management Plan (SHSMP).

- **2019 D1 Performance Plan** had 16 Objectives with Targets and an $849M Budget for the Ten-Year Plan. The current Ten-Year Plan can be accessed using the online project portal: dot.ca.gov/programs/asset-management/caltrans-project-portal

- **2021 D1 Performance Plan** has 20 Objectives with Targets and a budget of $1.1B over 5 years.

- **Complete Streets and Fish Passage** are two new Objectives with Targets in the 2021 D1 Performance Plan.
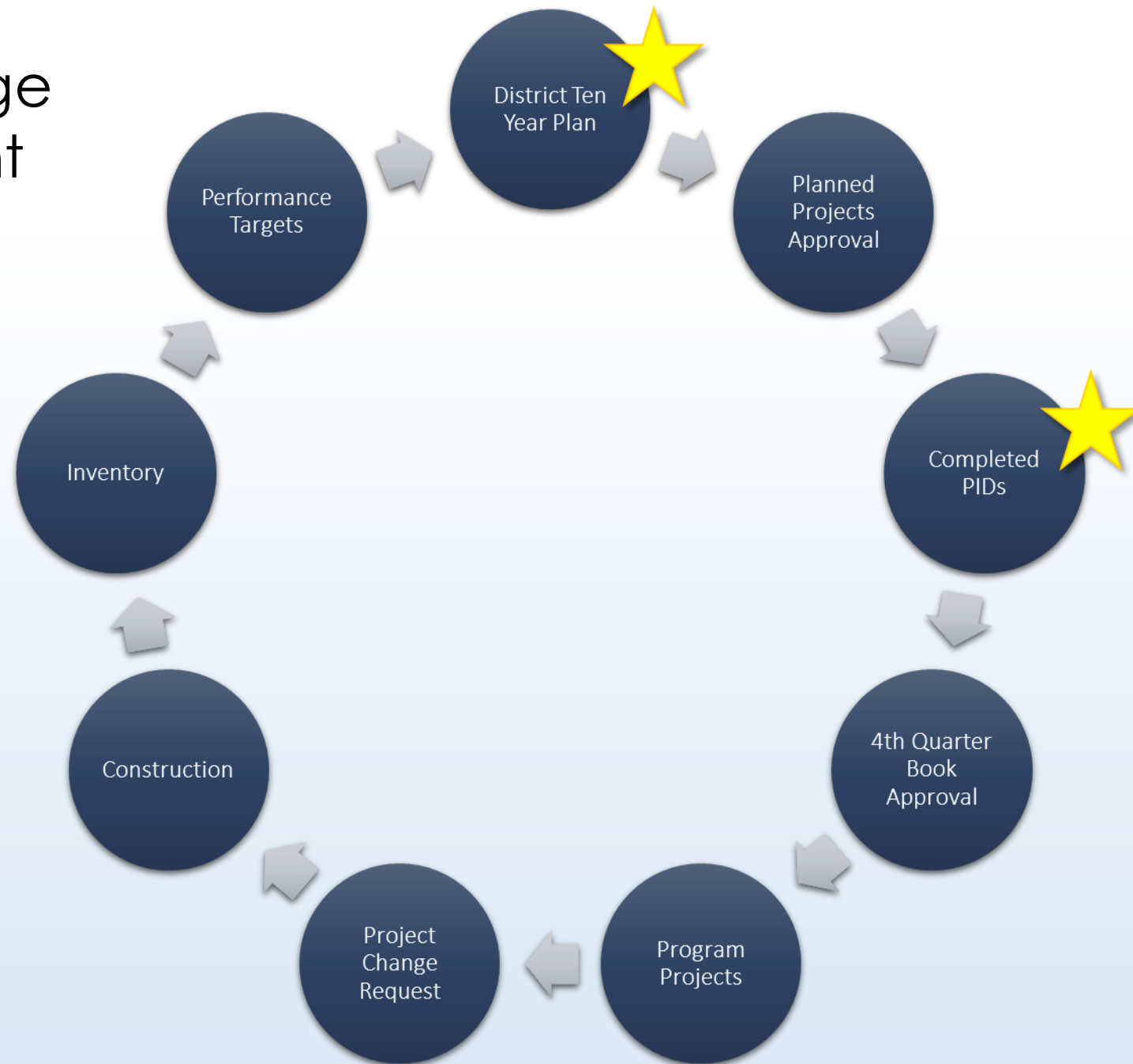
District 1 Performance Plan

SB1

Legend:
- PAVEMENT
- BRIDGES
- CULVERTS
- TMS
- Fish Passage
- Complete Streets
- 14 Other Objectives

SHOPP Project Nomination

1. EVALUATE PAVEMENT LIST AND FISH PASSAGE PRIORITIES
2. SELECT PAVEMENT AND/OR DRAINAGE ANCHOR ASSETS
3. IDENTIFY SATELLITE NEEDS
4. SELECT ADDITIONAL ANCHOR ASSETS FROM PERFORMANCE PLANS
5. IDENTIFY SATELLITE NEEDS
6. DEVELOP PROJECT NOMINATION DATA
7. OBTAIN TEN-YEAR PLAN AND PROJECT BOOK APPROVAL

Project Change Management

District Ten Year Plan

Performance Targets

Planned Projects Approval

Completed PIDs

Inventory

4th Quarter Book Approval

Construction

Project Change Request

Program Projects

2024 SHOPP Partial List

New 2024 SHOPP Candidate Anchors

Calpella Pavement (MEN-101 Post Mile 26.3/33.70; MEN-222)

Garberville Pavement (HUM-101 Post Mile T0.0/R10.3)

DaHaven to Hardy Pavement (MEN-1 Post Mile 78.9/87.85)

Prairie Creek Pavement (DN-101 Post Mile M0.1/R3.9; HUM-101 Post Mile 125.7/R131.7)

Cummings Pavement (MEN-101 Post Mile 81.4/R90.77)

Lakeport Pavement (LAK-29 Post Mile 31.6/52.5)

HUM-36 Drainage (HUM-36 Post Mile 9.17 and Post Mile 5.18; Fox and Wilson Creeks Fish Passage)

MEN-1 Drainage (MEN-1 Post Mile 88.71; Powderhouse Gulch Fish Passage)

Fernbridge Scour and Deck Rehab (HUM-211 Post Mile R77.5/78.7)

Programmed Projects Impacting 2024 SHOPP Budget

DN-101 Drainage

MEN-128 Drainage

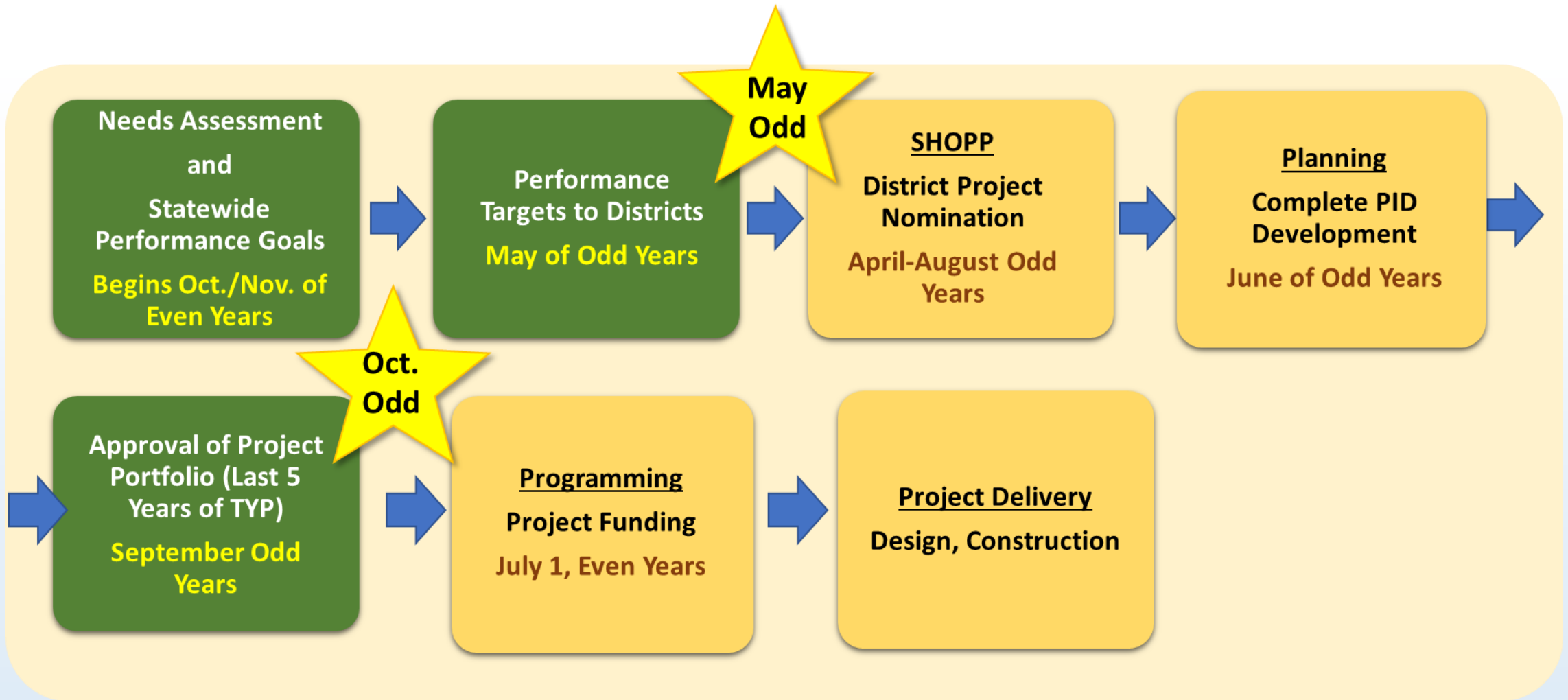**HUM-101 Eureka Slough Bridge**

RTPA Input Opportunities

- Pre-Project Nomination

- Project Nomination

- PID Development

- Project Development

Pre-Project Nomination Input

- **Keep Bike/Ped and Community Plans up to date.** These are reviewed during project nomination. Make sure plans include on system needs too. The Sustainable Transportation Planning grant program is a potential funding source for developing planning products.

- **Provide GIS data where available.** Suggestion: Require GIS as a deliverable when consultants are preparing plans.

- **Document and communicate multimodal needs** to Caltrans Planning staff. Bike/ped needs can be added to Street Story.

- **Inform Caltrans Planning staff** and/or Local Assistance of any future projects adjacent to/on state system.

SHOPP Nomination Input

Project Initiation Document (PID) Input

PID Schedule

- 2 Year PID cycle starts in July of odd years.

- Safety projects can be added at any time.

- Average PID takes 6-8 months to complete. More complex projects may take 1-2 years.

- Programming approved in October of odd years.

Input Opportunities

- Project Initiation Proposal meetings

- Transportation Planning Scoping Information Sheet

- Scoping alternatives

- Quarterly status reports

- Request by RTPA (4 weeks turnaround)

SB-1 Competitive Programs Project Nomination Input

State-Sponsored PID Nominations

- March every year
- Competitive selection process. Must demonstrate alignment with State goals.
- *Past examples*
  - 0K050 – Blosser Lane (2019)
  - 0K660 – Lucerne Complete Streets Improvements (2020)
  - TBD – Broadway Middle Couplet (2021)

Grant Applications

- SCCP, TCEP, ATP
- Next round of applications expected in 2022
- Caltrans applications typically go through HQ for approval.
- Alignment with State goals is needed for letters of support for regional/local projects.
- D1 staff may be able to assist with grant applications.

Transportation Planning Scoping Information Sheet (TPSIS)

The 2020 TPSIS form contains <u>10</u> sections where information is being captured:

1. Summary and Recommended Actions
2. Tribal Government, Local Partners, and Public Engagement
3. Plan and Document Review
4. Caltrans Stakeholder Information
5. System Planning (TCR's, Corridor Plans)
6. Smart Mobility, Active Transportation, and Transit
7. Local Development and Intergovernmental Review
8. Climate Change and Environmental Considerations
9. Broadband Coordination
10. Freight Considerations

TPSIS Continued

Example: How regional and local plans are captured in the scoping process (Section 3)

Transportation Planning Scoping Information Sheet

Section 3: Plan and Document Review

3-1 PLANNING DOCUMENTS AND SCOPING TOOLS	SUMMARY OF RECOMMENDATIONS & CONSIDERATIONS
3-1-1 Active Transportation Plans: ☐ California Active Transportation Plan (CAT Plan) ☐ District Bike and Ped Plan ☐ Regional/Local Plan	
3-1-2 Broadband: ☐ Caltrans Broadband Partnership Opportunity Map	☐ Priority1 ☐ Priority2 ☐ Priority3
3-1-3 Climate Change Planning: ☐ Caltrans District Vulnerability Assessment ☐ Caltrans Climate Change Adaptation Priority Plans ☐ Local Climate Action Plan/ GHG reduction plan ☐ Greenhouse gas section of EIR for RTP/SCS ☐ Locally Adopted Transportation Adaptation Plan	
3-1-4 Cultural/Historic Preservation Scoping Tools: ☐ Caltrans Cultural Resources Database ☐ Caltrans Historic Bridge Inventory ☐ Archaeological Site Sensitivity Model ☐ AB52 Letter	
3-1-5 Freight Planning: ☐ California Freight Mobility Plan ☐ California Sustainable Freight Action Plan ☐ Caltrans Safety Roadside Rest Areas (SRRA) ☐ Truck Parking Study ☐ Regional/Local Plan	
3-1-6 Project Planning: ☐ District 10 Year Project Book ☐ MONSTER List ☐ Preliminary Investigation/Feasibility Study	
3-1-7 Rail and Mass Transportation Planning: ☐ California State Rail Plan	

Transportation Planning Scoping Information Sheet

☐ Statewide Transit Strategic Plan	
3-1-8 Regional & Local Planning: ☐ Regional Transportation Plan ☐ Sustainable Community Strategy ☐ General and Local Plans ☐ Regional Concept of Transportation Operations ☐ Local Coastal Program Plan	
3-1-9 System Planning: ☐ Interregional Transportation Strategic Plan (ITSP) ☐ Corridor Plans (TCR, CSMP, CMCP)	
3-1-10 Tribal Planning: ☐ Tribal Transportation Plan	
3-1- 11 Other (Identify): ☐ _____	

Project Development

Customized Post-Programming Ongoing Communication:

- Quarterly Status Reports

- Milestone Reporting

- Project Change Request Updates

- Public Engagement Plans

Summary

- SHOPP 10 Year Plan Nomination

- New TPSIS Process

- Project Input and Communication Opportunities

Questions?