

SYSTEM PLANNING TRAINING

DISTRICT SYSTEM MANAGEMENT PLAN

PROVIDED BY:
THE DIVISION OF TRANSPORTATION PLANNING,
OFFICE OF SYSTEM & FREIGHT PLANNING

Module 1

February 11, 2013



What is the DSMP?

- District policy planning document
- long-range, 20-25 year
- Describes how the District envisions the transportation system will be maintained, managed, and developed
- Develops long-range planning strategies that guide short-range system management decisions and influences individual route plans
- Compiles the District project list of multi-modal, SHS projects, that are not fully programmed

Why is the DSMP important?



- Policy umbrella for system planning process
- Foundation for an ongoing understanding of the District, its policies, and its SHS needs
- Serves as a negotiating tool with regional agencies during project selection and prioritization
- Integral in strengthening the connection between State Planning, Project Initiation, Programming, Traffic Operations, and System Planning

DSMP Elements



- District Profile
- Management Plan
- DSMP Project List

- Companion Documents
 - DSMP Template
 - Excel Project List

Connecting to the Planning Process

- ❑ State Planning
- ❑ Traffic Operations
- ❑ Project Initiation
- ❑ Programming



Overall Instructions



- ❑ Due by the end of June in odd-numbered years
- ❑ Keep narratives and information concise
- ❑ Additional information, graphics, tables can be included as seen fit
- ❑ Utilize existing information sources as much as possible

Safety

- Avoid utilizing the following words:
 - ▣ Dangerous, hazardous, perilous, deadly, risky, critical, sub-standard, full standards, antiquated, old, worthless (Consider using better, improve, enhance, add to, reasonable, appropriate, advance, supplement, and current standards.)
 - ▣ Safety - should be reserved for the Division of Traffic Operations, Office of Traffic Safety (Consider using advance mobility, capacity, etc.)
 - ▣ Always, never, must, or shall - avoid absolutes (Consider using discretionary, desirable, may, and should.)

DSMP Contents

- Title Page, TOC, About the DSMP
- Stakeholder Coordination
- Executive Summary
- District Profile
 - Dist. Map
 - Dist. Overview
 - Transportation System
 - Transportation Partners
 - Planning Efforts
 - Environmental Setting
- Management Plan
 - Goals
 - Policies
- DSMP Project List
- Appendix to the Template
 - DSMP Project List
 - Intercity Rail Project List
 - Additional District Data
 - Glossary of Terms and Acronyms
 - Resources

Title Page

DSMP
DISTRICT SYSTEM MANAGEMENT PLAN
DISTRICT XX
DATE

INSERT VISUAL HERE

Disclaimer: The information and data contained in this document are for planning purposes only and should not be relied upon for final design of any project. Any information in this District System Management Plan (DSMP) is subject to modification as conditions change and new information is obtained. Although planning information is dynamic and continually changing, the *(insert District)* System Planning Division makes every effort to ensure the accuracy and timeliness of the information contained in the DSMP. The information in the DSMP does not constitute a standard, specification, or regulation, nor is it intended to address design policies and procedures.

California Department of Transportation
Caltrans Improves Mobility Across California

Approvals:

Name
[Insert Title]

Date

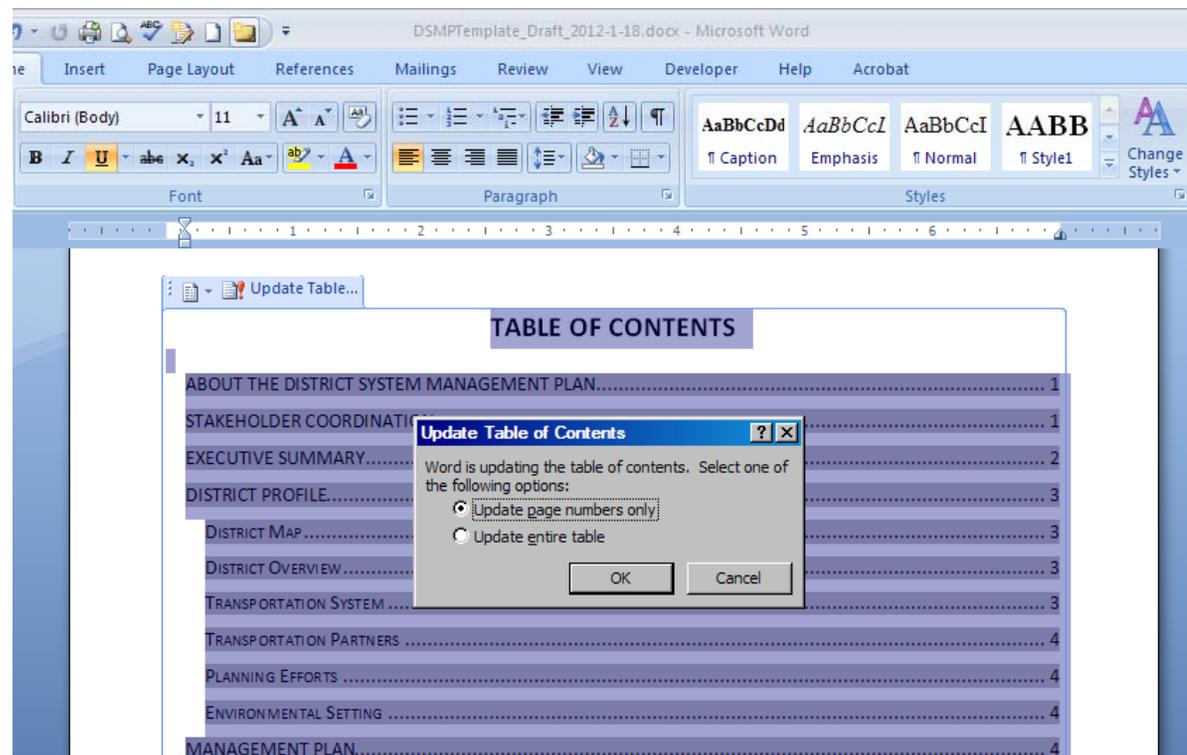
Name
[Insert Title]

Date



Table of Contents

- ❑ Required to keep the sections in the same order as the template and the provided Table of Contents
- ❑ Template has an “Update Table of Contents” button



About the DSMP

ABOUT THE DISTRICT SYSTEM MANAGEMENT PLAN

System Planning is the long-range transportation planning process for the California Department of Transportation (Caltrans). The System Planning process fulfills Caltrans' statutory responsibility as owner/operator of the State Highway System (SHS) (Gov. Code §65086) by evaluating conditions and proposing enhancements to the SHS. Through System Planning, Caltrans focuses on developing an integrated multimodal transportation system that meets Caltrans' goals of safety, mobility, delivery, stewardship, and service.

The System Planning process is primarily composed of four parts: the District System Management Plan (DSMP), the Transportation Concept Report (TCR), the Corridor System Management Plan (CSMP), and the DSMP Project List. The district-wide **DSMP** is strategic policy and planning document that focuses on maintaining, operating, managing, and developing the transportation system. The **TCR** is a planning document that identifies the existing and future route conditions as well as future needs for each route on the SHS. The **CSMP** is a complex, multi-jurisdictional planning document that identifies future needs within corridors experiencing or expected to experience high levels of congestion. The CSMP serves as a TCR for segments covered by the CSMP. The **DSMP Project List** is an appendix to the DSMP and provides a list of planned and partially programmed transportation projects used to recommend projects for funding. These System Planning products are also intended as resources for stakeholders, the public, and partner, regional, and local agencies.

DSMP Purpose

California's State Highway System needs long range planning documents to guide the logical development of transportation systems as required by CA Gov. Code §65086 and as necessitated by the public, stakeholders, and system users. The purpose of the DSMP is to develop the District's vision of how the transportation system will be maintained, managed, and developed over the next 20 years and beyond. It provides a vehicle for the development of multimodal, multijurisdictional system strategies. The DSMP is developed with the goals of increasing safety, improving mobility, providing excellent stewardship, and meeting community and environmental needs throughout the District.

STAKEHOLDER COORDINATION

Action:

This is required. Provide a high-level summary of the stakeholder coordination effort.

Stakeholder Coordination



- High-level summary of the stakeholder coordination effort
- Outreach should involve both external and internal stakeholders
- The stakeholders included and type of outreach conducted is at the District's discretion and will likely vary
- If there is a need to consult/coordinate with Tribal Governments, work with your District Native American Liaison

Executive Summary

- A narrative that very briefly summarizes the District Profile, Management Plan, and Project List



District Profile



- What is happening and will happen in the District
- Keep the discussions and information at a high, District level

- District Profile Contents

- District Map
- District Overview
- Transportation System

- Transportation Partners
- Planning Efforts
- Environmental Setting

District Map



- Map Elements:

- All SHS routes within the District boundaries. For each route, color code the segments of highway to indicate if they are freeway, expressway, or conventional.
- County boundaries
- Urbanized Areas
- Native American Trust Land

District Overview



- Overview of the setting of the District
- Include a description of:
 - ▣ Distinct regions within the District
 - ▣ Major trip types and commute patterns
 - ▣ Communities
 - ▣ Housing, employment, and population trends
 - ▣ Significant land uses and proposed developments

Transportation System

- Narrative to summarize the current and future characteristics, role, and importance of each of the systems from the District level
- Systems to discuss
 - SHS
 - Freight
 - Transit
 - Aviation
 - Bicycle
 - Pedestrian



Transportation Partners

- List the District's planning partners in the template table
- Describe the District's partnership with the agency
- Describe the regional agencies priorities and emphasis areas.

<u>TRANSPORTATION PARTNERS</u>	
Action: List the District's planning partners in the template table and include a narrative that describes the District's partnership with the agency and the regional agencies priorities and emphasis areas.	
Metropolitan Planning Organization	
Regional Transportation Planning Agency	
Congestion Management Agency	
County Transportation Commission	
Local Agency	
Tribes	
Air District	

Planning Efforts

- Characterize the District's approach to each of their planning efforts, how they are being coordinated, and how they complement each other



Environmental Setting

- Characterize the environmental setting for the most prevalent environmental resources in the District
- Describe the District's participation in regional environmental planning studies, including RAMP and SAMI



Management Plan



- Meant to inform and guide future decision-making within the District
- Goals
 - ▣ Narrative that identifies and describes the District goals for the development and management of the District
- Policies
 - ▣ Identify the relevant transportation considerations to the District
 - ▣ Describe the District policy and strategies for those considerations.

DSMP Project List



- ❑ Narrative summarizing the projects, their prioritization, possible funding, and major changes in the project list since the previous DSMP
- ❑ Complete the DSMP Project List table (Appendix A)
- ❑ Project List Scope: multi-modal, SHS projects, that are not fully programmed
- ❑ Preferred to report individual locations over lump projects

Datafields



- Postmile fields
- Location/Project Description
- Mode
- CTC Project Category
- Tier
- Est. Total Cost
- Proposed Completion Year
- PID Completion Date
- Lead Agency
- Source Document
- Unconstrained RTP
- Project ID#
- PPNO#
- RTP ID#
- Funding Source

Tiers



- **Tier I:** Partially programmed projects.
- **Tier II:** Fiscally constrained projects that are not programmed. Projects in this category must be from a fiscally constrained document/list (such as the fiscally constrained project list in an RTP) and not from an unconstrained document (such as a TCR).
- **Tier III:** Projects that the District will advocate to be included in fiscally constrained project lists (RTP, SHOPP, etc.) during the 20-25 year planning horizon. These are projects that are not currently in a fiscally constrained project list.

Tiers (Continued)

- **Tier IV:** Projects that have a demonstrated need within the 20-25 year time horizon and have been identified as high priority by the District but are unlikely to receive funding within the 20-25 year time horizon. These are likely projects that will be programmed if an unexpected funding source becomes available, like an initiative or local measure.
- **Tier V:** Other projects identified as needed by the District that are: within the 20-25 year time horizon, beyond the 20-25 year time horizon, and/or only conceptual in nature.

Excel Project List



- Necessary to streamline information gathering for inquiries with a short turnaround time and to feed into the STIP assessment
- Identical to the DSMP Project List with the addition of more detailed postmile fields
- It must be submitted to HQ with the DSMP, as a separate document, by the end of June in odd numbered years

APPENDIX A PROJECT LIST

Action:

This is a required appendix. Provide the Project List table per the instructions found [here](#)

Cnty_Route _Beg. PM	Cnty_Route_End PM	Location/Project Description	Mode	CTC Project Category	Tier	Est. Total Cost (\$1000)	Proposed Completion Year	PID Completion Date	Lead Agency	Source Document	Unconst. RTP	Project ID #	PPNO#	RTP ID#	Funding Source

The screenshot shows the Microsoft Excel interface with the following elements:

- Excel Ribbon:** Home, Insert, Page Layout, Formulas, Data, Review, View, Developer, Help, Acrobat.
- Home Tab:**
 - Clipboard:** Paste, Undo, Redo.
 - Font:** Calibri, 10, Bold (B), Italic (I), Underline (U), Text Color, Background Color, Font Color.
 - Alignment:** Left, Center, Right, Justify, Merge & Center, Wrap Text, Orientation, Text Direction.
 - Number:** General, Currency (\$), Percentage (%), Decimals (0.00), Increase/Decrease Decimals.
 - Styles:** Conditional Formatting, Format as Table, Cell Styles.
 - Cells:** Insert, Delete, Format.
 - Editing:** Sort & Filter, Find & Select.
- Worksheet:**
 - Formula Bar:** O2
 - Columns:** A through Q.
 - Row 1 Headers:** District, Beg County, Route, Route Suffix, Beg PM Prefix, Beg PM, Beg PM Suffix, Cnty_Route_Beg. PM, End County, End PM Prefix, End PM, End PM Suffix, Cnty_Route_End PM, Location/Project Description, Mode, CTC Project Category, Tier, Est. C (\$).
 - Row 2:** (Empty)
 - Row 3:** (Empty)
 - Row 4:** (Empty)
 - Row 5:** (Empty)
 - Row 6:** (Empty)
 - Row 7:** (Empty)
 - Row 8:** (Empty)
 - Row 9:** (Empty)
- Dropdown Menu (Mode):**
 - Highway
 - Transit
 - Bicycle
 - Pedestrian
 - Commuter Rail
 - Light Rail
 - Off-System

Template Appendix



- Appendix A: DSMP Project List
- Appendix B: Intercity rail Project List
 - ▣ List of projects on the Amtrak intercity rail system that is state supported
 - ▣ HQ System Planning will provide current listing to the Districts for each round of DSMP updates
- Appendix C: Additional District Data
- Appendix D: Glossary of Terms and Acronyms
- Appendix E: Resources

Contact Us

- ❑ As you develop your DSMPs feel free to direct questions to The Office of System & Freight Planning
- ❑ To find your current District Liaison please go to :
<http://www.dot.ca.gov/hq/tpp/offices/oasp/>
 - ❑ Juven Alvarez: Districts 1, 2, and 9
 - ❑ Kelly Lier: Districts 5, 7, and 12
 - ❑ Paul Moore: Districts 6, 8, and 11
 - ❑ Robert J Peters: Districts 3, 4, and 10



QUESTIONS?