



District 7
Litter Abatement Plan Summary
September 2021



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District Director's Message



I am pleased to release this summary of the District 7 Litter Abatement Plan, a document that outlines a comprehensive strategy to remove litter, beautify portions of the State Highway System (SHS) in Los Angeles and Ventura Counties, and engage the public, our municipal partners, and local organizations in helping to keep District 7 beautiful.

The presence of ever-increasing litter, trash, and debris along the SHS causes a health and environmental crisis that requires substantial investment by our Maintenance crews. To address these challenges, we have invested considerable funding over the last decade to remove litter and maintain the SHS within the district.

The district-wide Plan is a roadmap for partnering with communities throughout the district to remove litter along our right of way and roadways and to work together to

keep these areas trash-free. Funding from the Clean California Initiative is being used to hire Maintenance staff, increase public awareness, expand public participation in litter pick-up, and beautify locations along the Caltrans right of way, while also improving and enhancing our existing practices with a strong focus on equity and innovation.

Our success in implementing the Plan will result from the continued good work of the many Divisions in our district, including Maintenance and Operations, Construction, Environmental, and External Affairs, in partnership with local cities and counties, regulatory agencies, community organizations, schools, and the traveling public, as we meet our milestones and objectives and together clean up our district.

Tony Tavares
Director, Caltrans District 7

Plan Summary Contents

Introduction	1
Responding to the Social Littering Crisis	1
Clean California	2
Plan Purpose and Measurable Objectives	3
Caltrans Strategic Management Plan	5
Community Engagement	7
Tourism	7
Overview	9
District Profile	9
Integrated Maintenance Management System	11
Caltrans Stormwater Program	13
Statewide Stormwater Permit	13

Plan Summary Contents (continued)

Plan Objectives	17
Job Creation	17
Litter Collection	18
Enforcement	30
Public Education	32
Beautification	36
Full Trash Capture Devices	38
Monitoring and Reporting	39
Appendix A—District 7 Priority Corridors	
Appendix B—District 7 Litter Abatement Plan Measurable Objectives	



Introduction

Responding to the Social Littering Crisis

The California Department of Transportation (Caltrans) is responsible for maintaining over 350,000 acres of right of way, 50,000 miles of California's highway and freeway lanes, and over 13,000 structures. The presence of litter, trash, and debris along the publicly available State Highway System (SHS) directly causes a health and environmental wellbeing crisis requiring a substantial investment that depletes funds needed to maintain and preserve the economic engine of California.

Litter is a public health concern, causing pollution by degrading and releasing chemicals and microparticles, killing animals as they ingest or become entrapped in improperly discarded trash, and facilitating the spread of disease from viruses and parasites through direct and indirect contact (vectors) with bacterial growth.

Businesses and individuals are illegally dumping more and more garbage, debris, and harmful substances in the

Caltrans rights of way. This contributes to urban blight and public health risks resulting in a lesser quality of life in and around neighborhoods that may already be experiencing a variety of pollution exposure burdens. Littering and illegal dumping are also serious environmental crimes, as trash dumped on the State right of way eventually flows untreated into our local waterways.

Litter is a public health concern, causing pollution, killing animals, and facilitating the spread of disease from viruses and parasites.

Without a strategy to improve Caltrans' efforts to clean up trash and hold litterers accountable, the SHS within the Los Angeles and Ventura Counties will continue to see more trash and struggle to keep up with simply picking it up.

To meet the challenges trash poses on the SHS, District 7 has prepared the **District 7 Litter Abatement Plan (Plan)**, which outlines a multi-pronged approach aimed at eliminating litter and illegal dumping and striving to address the root causes through:

- Litter collection,
- Enforcement,
- Public education, and
- Beautification.

This document provides a high-level summary of the Plan, including its objectives and actions.

Clean California

Over the past decade, Caltrans has been starved for resources and has struggled to keep pace with the trash collection needs that have resulted from social and corporate actions. Clean California—a \$1.1 billion initiative—was authorized in the 2021 State Budget to make a serious investment to expand litter collection, community engagement, and education to ultimately transform unsightly roadsides into spaces of pride for all Californians. Caltrans has historically allocated \$60 million per year to deal with trash statewide. The litter collection

component of the Clean California initiative represents five times any previous budget investment and will facilitate litter collection at 20 times the current rate. This Plan incorporates Clean California activities by outlining implementation tactics associated with meeting the 3-year outcomes of that bold initiative.

Clean California is a sweeping initiative to remove litter and engage communities on beautification efforts through job creation and education. This is truly a statewide effort with potential projects in all 58 counties and a third of the funds going directly to cities, counties, tribes, and transit agencies to clean local streets and public spaces. In addition, Clean California will create approximately 10,000–11,000 jobs over 3 years, including opportunities for persons experiencing homelessness (PEH), at-risk youth, and people re-entering society following incarceration.

The initiative includes:

- \$418 million: Litter Abatement over 3 years,
- \$287 million: State Beautification Projects over 2 years,
- \$296 million: Local Beautification Projects over 2 years,
- \$33 million: Public Education over 2 years, and
- \$62 million: Project Design, Construction, Local Support and Engagement.

The bold Clean California initiative and associated funding will provide Caltrans the resources necessary to respond to this call to action with innovative and efficient litter collection activities. This Plan identifies all existing and new trash collection activities, establishes the baseline trash collection quantities, and lays out interim milestones and measurable objectives that create a path to demonstrating Caltrans’ ability to expand programs, policies, and procedures to remove trash at over 20 times the current baseline.

Plan Purpose and Measurable Objectives

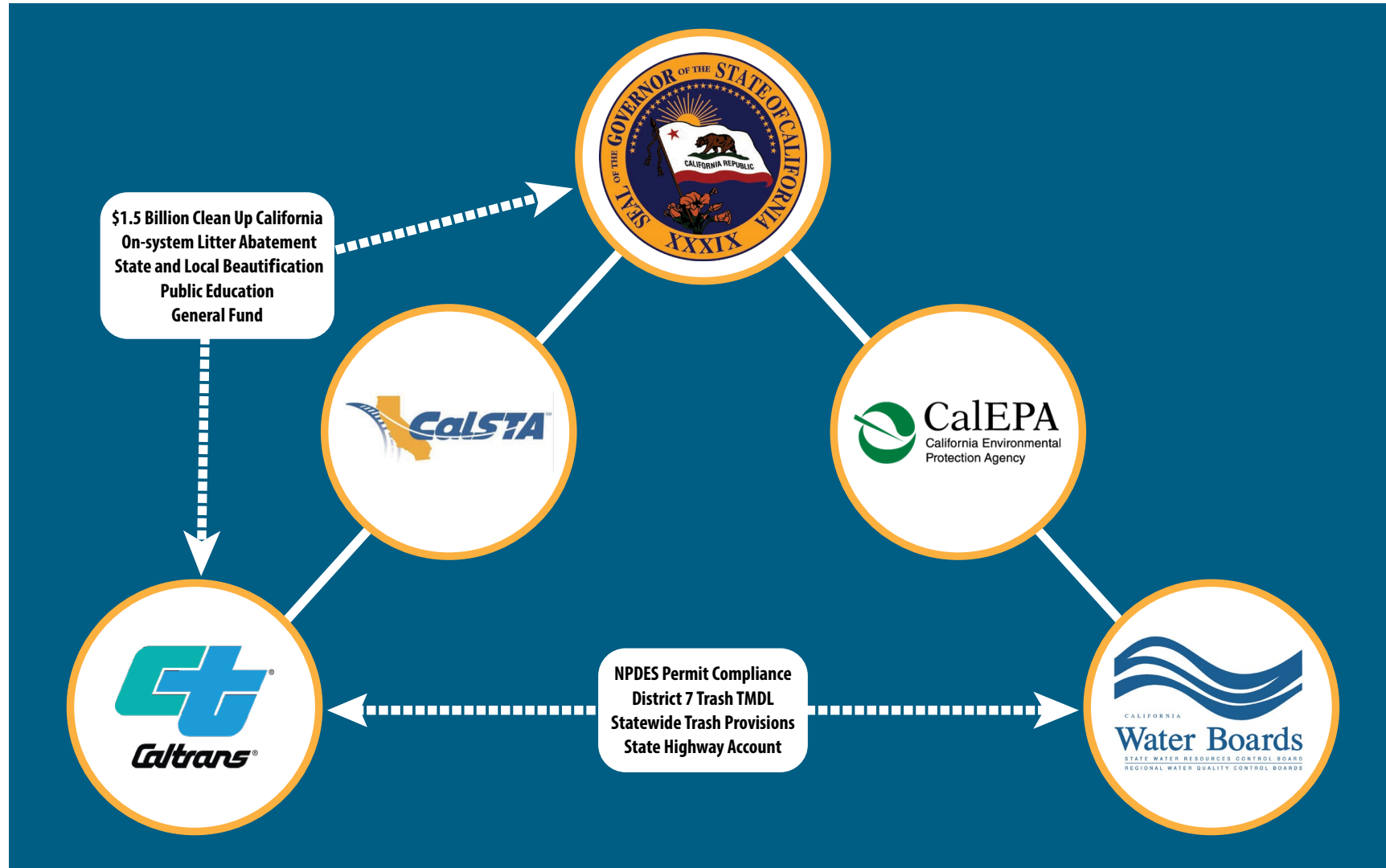
The purpose of this Plan is to account for all District 7 litter abatement efforts to prevent, respond, target, and track trash reduction efforts in significant trash-generating areas. The Plan identifies actions, measurable objectives, and interim milestones to expand and enhance litter removal efforts in District 7. The Plan is intended to follow a dynamic approach that provides a wealth of tactics and activities to adaptively manage trash response over a 3-year period (July 1, 2021, through July 1, 2024).

Measurable objectives and interim milestones associated with Clean California activities are established for increased litter collection above and beyond the Fiscal Year (FY) 2020–21 baseline.



Trash dumped on the State right of way eventually flows untreated into our local waterways, affecting water quality and wildlife.

Relationship of Litter Abatement Plan to Regulations



Caltrans Strategic Management Plan

The Plan directly aligns with the **Caltrans 2020–2024 Caltrans Strategic Plan**, as demonstrated by the historic investment and paramount effort being put forth toward trash collection and beautification of the SHS, to restore environmental impacts while prioritizing those benefits to underserved communities already experiencing pollution exposure disparities.

Caltrans published an equity statement on December 10, 2020, that lists its commitments to providing for more equitable transportation for all Californians. These commitments are included below alongside alignments with the District 7 Litter Abatement Plan.

We will achieve equity when everyone has access to what they need to thrive—starting with our most vulnerable—no matter their race, socioeconomic status, identity, where they live, or how they travel. To create a brighter future for all Californians, Caltrans will implement concrete actions as outlined in our Race & Equity Action Plan, regularly update our Action Plan, and establish clear metrics for accountability in order to achieve the following commitments.

People

We will create a workforce at all levels that is

representative of the communities we serve by improving our recruitment, hiring, contracting, and leadership development policies and practices.

District 7 Litter Abatement Plan Alignment

This Plan will create educational opportunities that describe the adverse impacts of litter to precious water resources, which have limited the quality of swimming, fishing, and other activities for all Californians. The goal of this Plan is lasting and transformative change, where all Californians come together to demonstrate pride in maintaining our public spaces and beautiful state.

Programs & Projects

We will meaningfully engage communities most impacted by structural racism in the creation and implementation of the programs and projects that impact their daily lives by creating more transparent, inclusive, and ongoing consultation and collaboration processes. We will achieve our equity commitments through an engagement process where everyone is treated with dignity and justice. We will reform our programs, policies, and procedures based on this engagement to avoid harm to frontline and vulnerable communities. We will prioritize projects that improve access for and provide meaningful benefits to underserved communities.

District 7 Litter Abatement Plan Alignment

Clean California is a sweeping initiative to remove litter and engage communities on beautification efforts through job creation and education. This is truly an unprecedented, statewide effort with a swell of new litter abatement efforts and potential projects in all 58 counties and a third of the funds going directly to local initiatives to help Clean California.

Partnerships

By leveraging our transportation investments, we also commit to increasing pathways to opportunity for minority-owned and disadvantaged business enterprises, and for individuals who face systemic barriers to employment.

District 7 Litter Abatement Plan Alignment

Through this Plan, we seek to inspire and motivate one another through effective communication, collaboration, teamwork, and partnerships. Caltrans will strengthen our relationships—communities and Community Based Organizations, Non-Governmental Organizations with an interest in stormwater, State and Regional Water Boards, municipal partners, Native-American tribes, and transit agencies—by engagement in the implementation and decision-making opportunities this Plan affords to the constituents of California we serve.

Planet

We commit to combating the climate crisis and its disproportionate impact on frontline and vulnerable communities — such as Black and Indigenous peoples, communities of color, the people experiencing homelessness, people with disabilities, and youth. We will change how we plan, design, build, and maintain our transportation investments to create a more resilient system that more equitably distributes the benefits and burdens to the current and future generations of Californians.

District 7 Litter Abatement Plan Alignment

This Plan will result in the immediate improvement of water quality by mitigating the source of trash pollution by taking a wholistic source control approach of on-system and off-system beautification projects that reduce the tendency for litter and illegal dumping; changing social behavior through public education; and litter collection that prevents pollution exposure with the goal of restoring water quality and preventing unnecessary animal entrapment.

Community Engagement

Stakeholder support and engagement will play a critical role in the successful implementation of this Plan. The specific factors that state and municipal decision-makers must consider—such as citizen support or critical needs in underserved communities, environmental concerns from pollution caused by trash, and other issues—will differ from town to town. Therefore, the specific design of any public outreach and stakeholder engagement strategy must be tailored to uniquely address these factors and related stakeholder concerns.

Stakeholder support will play a critical role in Plan implementation.

The following public outreach and stakeholder engagement processes may contribute to the coordinated multi-agency success that optimizes trash control and beautification measures that create sustained change in social behavior and pride in the infrastructure we all share:

- A forum to proactively educate stakeholders about the need for improved litter abatement and beautification, and for stakeholders and partners to educate Caltrans about their concerns.

- An opportunity to test and refine litter control activities by soliciting stakeholder feedback.
- An opportunity to develop innovative, collaborative solutions.
- An opportunity to find the balance between costs and services that fee payers could support.
- Access to local knowledge and expertise.
- Creation of support and momentum for a consensus-based solution.

Tourism

According to the Los Angeles Tourism and Convention Board (LATCB), travelers spent about \$22 billion in 2019 with 50 million people visiting Los Angeles in 2021. Many travelers to California are drawn by the State's natural beauty in its many attractions and the Southern California beaches. In 2019, there were 525,000 jobs that were supported by tourism.¹ To ensure that Los Angeles continues to attract these travelers, it is important to invest in beautification projects and keeping areas clean and free of litter and illegal dumping.

¹ Los Angeles Tourism and Convention Board. 2021. Available: www.discoverlosangeles.com. Accessed: August 31, 2021.



Overview

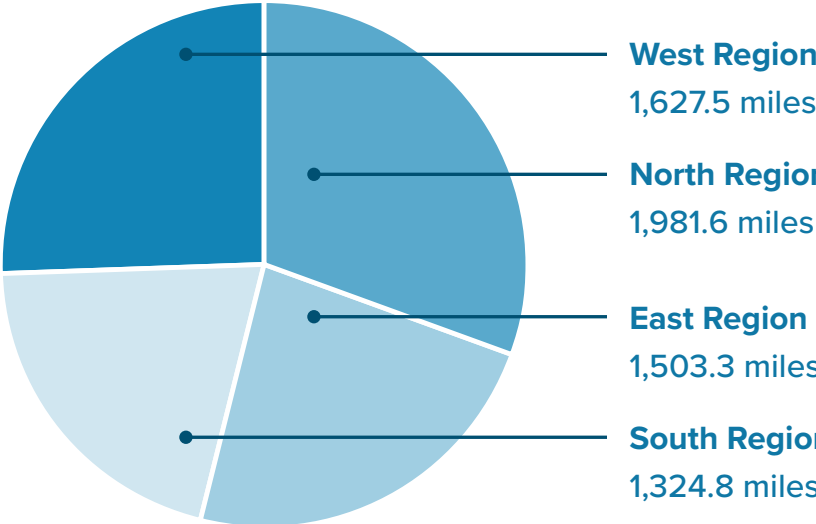
District Profile

District 7 is responsible for operating and maintaining 42 freeways and highways. There are 6,437 lane miles in Los Angeles and Ventura Counties (see chart at right). On average, 111 million vehicle miles are traveled daily on District 7 freeways, equivalent to over 4,400 global trips.

District 7 serves Los Angeles and Ventura Counties with a population of 10.8 million. There are 98 cities and 19 Congressional Districts in the two counties. There are two Regional Transportation Planning Agencies in District 7, the Los Angeles County Metropolitan Transportation Authority (Metro) and the Ventura County Transportation Commission. Metro has nine subregions or Councils of Governments.

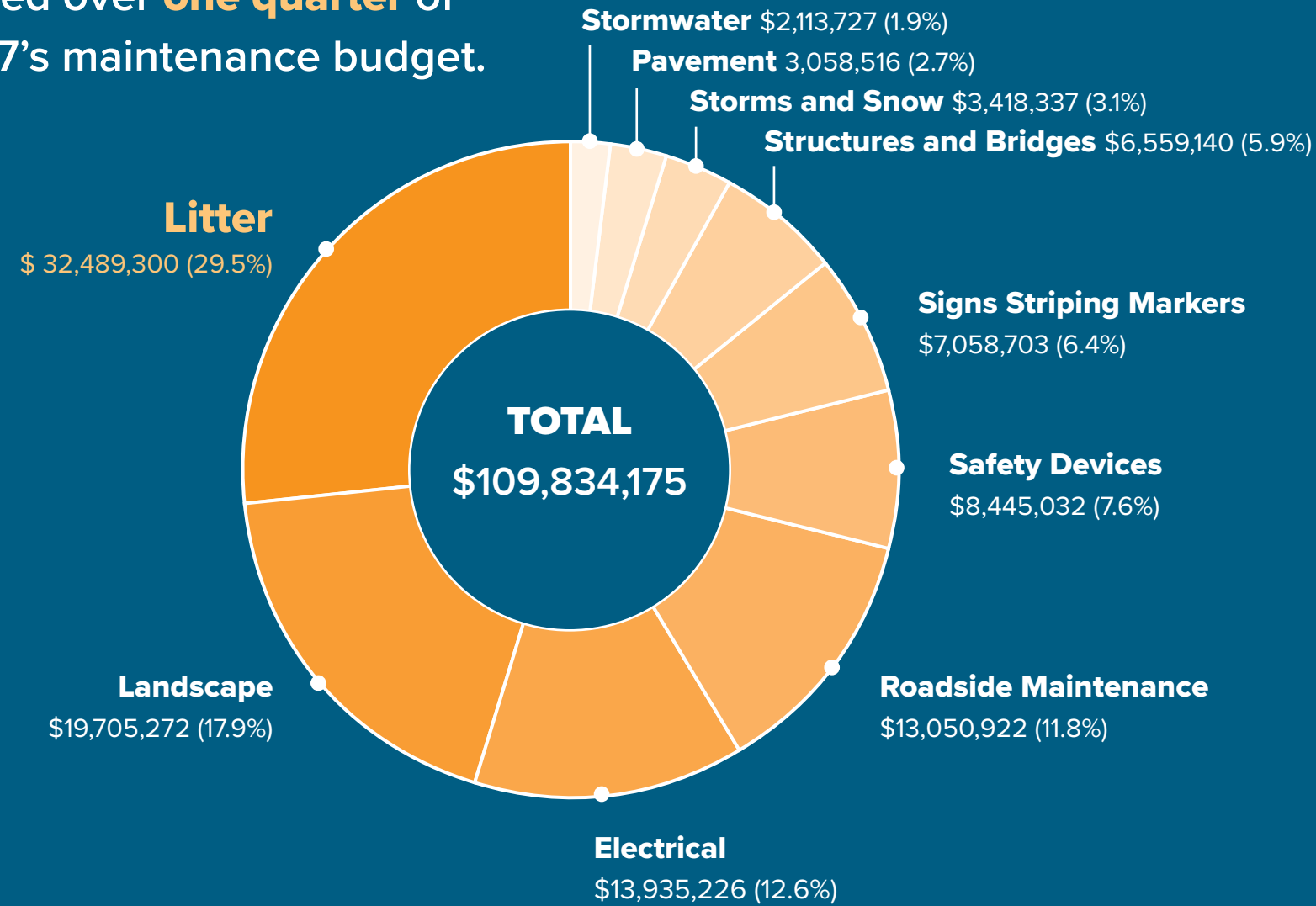
District 7 expended 29% of the \$109 million FY 2020–21 budget on litter removal activities (see chart on next page), taking away time and resources from critical infrastructure repairs.

District 7 Lane Miles by Region



There are 6,437 lane miles in Los Angeles and Ventura Counties. On average, 111 million vehicle miles are traveled daily on District 7 freeways.

In FY 2020–21, litter abatement consumed over **one quarter** of District 7’s maintenance budget.



**District 7 Maintenance Expenditures
FY 2013–14 through FY 2023–24**

Fiscal Year	Total Expenditures (Yearly)
2013–14	\$8,322,700
2014–15	\$9,972,600
2015–16	\$11,267,900
2016–17	\$14,493,200
2017–18	\$21,676,400
2018–19	\$25,116,600
2019–20	\$28,767,300
2020–21	\$32,489,300
2021–22	\$80,000,000*
2022–23	\$80,000,000*
2023–24	\$80,000,000*

* Projected expenditures.

The District 7 cost to maintain trash control have increased by over \$20 million between FY 2013–14 and FY 2019–20. Caltrans’ full-time maintenance workers increasingly have devoted a large amount of on-the-clock time to litter removal, leaving them less time to perform important duties such as pavement preservation and roadside maintenance operations along the SHS.

Maintenance Litter Expenditures

Costs to maintain trash control have increased by over \$20 million between FY 2013–14 and FY 2019–20. The table at left shows expenditures for FY 2013–14 through FY 2020–21. The table also includes the projected funding increase from the Clean California investment, increasing the maintenance budget over the current baseline. The litter collection budget is projected at approximately \$80 million per year over the next 3 fiscal years.

Integrated Maintenance Management System

Integrated Maintenance Management System (IMMS) is a system that helps the Maintenance Division effectively plan, perform, record, and manage maintenance work. IMMS, used as an asset management tool, allows supervisors and managers to:

- Create an inventory of assets.
- Track work performed on assets and associated costs.
- Help supervisors manage materials and equipment.
- Provide access to real time information.
- Provide decision making tools to supervisors and managers.



Caltrans Stormwater Program

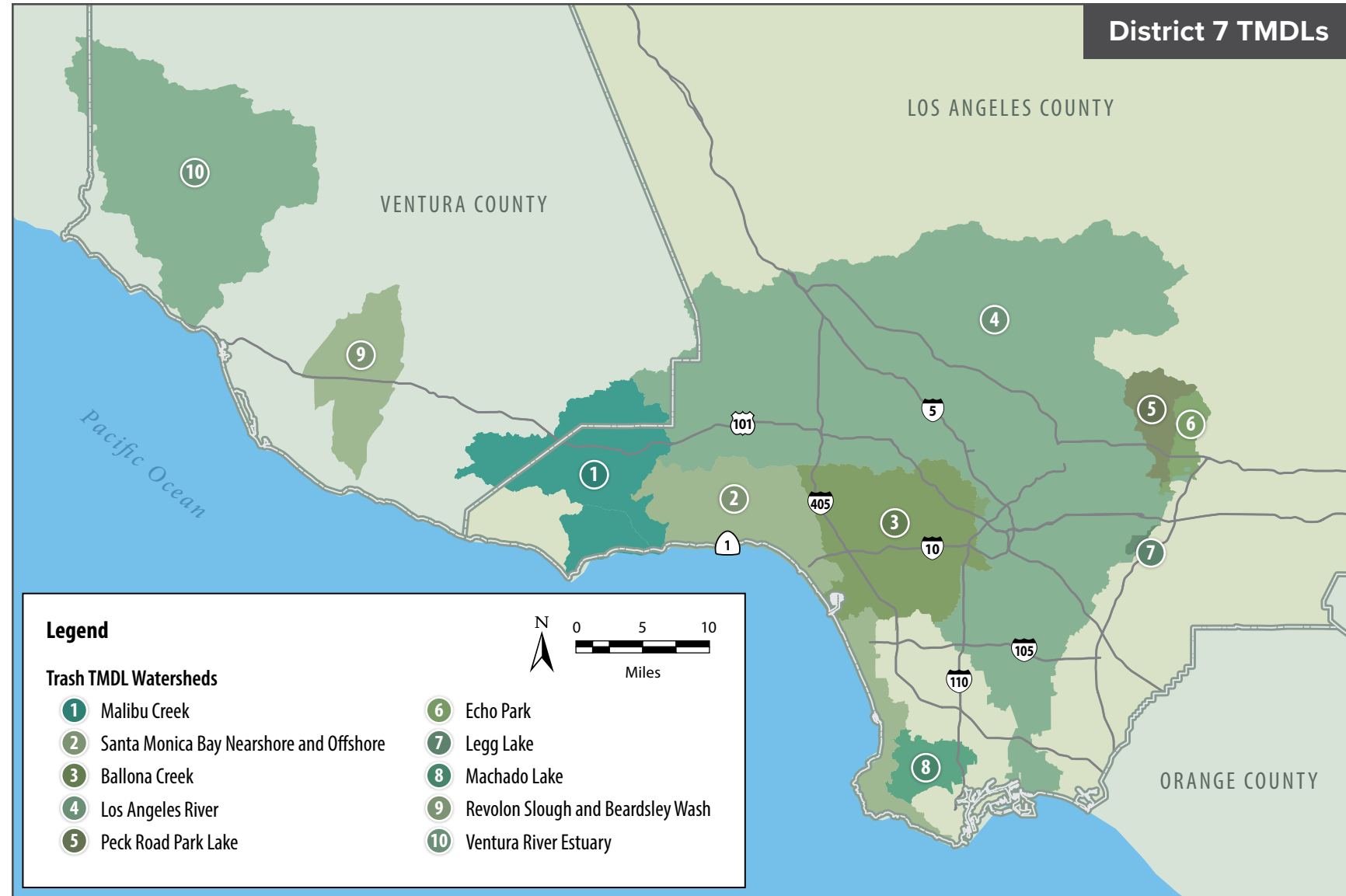
Caltrans, alongside our partners at the State Water Resources Control Board (SWRCB) and Regional Water Quality Control Boards (RWQCBs), have been focused for more than 20 years in the area of storm water quality management. Caltrans continues to strive to ensure that surface and ground water resources are protected and managed in a sustainable manner for future generations.

Water runoff from Caltrans highway infrastructure and construction sites can carry pollutants that degrade water quality and impact the beneficial uses of waters—beneficial uses that belong to all Californians. For nearly two decades, Caltrans has responded to the call to action in managing stormwater runoff to reduce harmful pollutants, fertilizers, trash, and other materials from draining into our rivers, lakes, and ocean through a coordinated, collaborative effort among the Divisions of Maintenance, Environmental Analysis (Stormwater), Construction, and Design.

Statewide Stormwater Permit

Caltrans, as the largest municipal stormwater discharger in California, has developed a robust stormwater program to ensure stormwater discharges from the linear network of highways and road facilities are in compliance with the National Pollutant Discharge Elimination System (NPDES) Permits to sustain and restore natural habitats and maintain the health of communities by keeping our receiving waters fishable and swimmable.

The NPDES permit program is delegated to California by the Environmental Protection Agency (EPA) under the Clean Water Act. In California, the NPDES permit program, and associated enforcement actions, are implemented through the SWRCB and the nine RWQCBs.



Total Maximum Daily Load

Total maximum daily load (TMDL) is a regulatory enforcement tool used to address impacts to the most impaired waterbodies by establishing limits of pollutant loading from responsible discharges. TMDL set prescriptive timelines for retrofitting those watersheds with stormwater treatment devices needed to restore California’s precious water resources and re-establish the associated beneficial uses of those waterbodies, which could be recreation or to sustain its contribution to a thriving ecosystem. A TMDL accounts for all sources of the pollutants that cause stormwater impairments.

District 7 is a named discharger in 10 Trash TMDLs for a total of 9,346 acres associated with Ballona Creek, LA River, Echo Park, Road Lakes, Revolon Slough, Beardsley Wash, Santa Monica Bay, and Ventura River Estuary (see table at right).

The map on the previous page shows district TMDLs.

District 7 Trash TMDLs

Watershed	Acres
Ballona Creek	1,176
LA River	6,091
Echo Park	17
Peck Road Lakes	113
Revolon Slough / Beardsley Wash	240
Santa Monica Bay	704
Ventura River Estuary	431
Malibu Creek	279
Legg Lake	40
Machado Lake	255



Plan Objectives

The following sections outline the actions, tasks, interim milestones and measurable objectives of the Plan.

Job Creation

Given the \$1.1 billion, 3-year investment in litter collection, green infrastructure beautification projects, and public education, the Clean California program would create over 10,000 jobs statewide. The District 7 implementation of Clean California is expected to yield direct Caltrans hires (project design, local support, and engagement positions), direct construction from on-system beautification projects, direct construction and operations and maintenance (O&M) jobs, jobs from state and local beautification projects, and additional induced economic benefits such as sustained tourism.

In 2014, engineering and construction firm AECOM found that each million dollars spent in the water sector (broader than, but including, litter abatement, beautification, and stormwater-related work) supported 16 jobs across the economy.¹ The report noted three similar studies with job creation estimates ranging from 10 to 25 jobs per million dollars spent. A more recent report from

the Value of Water Campaign similarly modeled broader water infrastructure work, finding 15.5 jobs per million dollars spent.²

The Clean California program is expected to create jobs from direct Caltrans hiring associated with maintenance, project development, and public education efforts. Further, the beautification projects that result in trash abatement and stormwater improvements will directly create construction and O&M jobs through Caltrans funded projects and the funds that will be awarded to municipal partners through the local grant program. The Caltrans Employment Social Enterprise (ESE) program, discussed below under *Litter Collection*, also has the potential to create career opportunities and jobs for veterans, students, people experiencing homelessness (PEH), and those re-entering society from incarceration. Finally, maintaining a litter-free transportation network will support tourism and the associated jobs that are generated from people visiting California.

Litter Collection

District 7 conducts numerous efforts to remove litter along the SHS and track both the quantities of litter removed and the costs to remove it. The Division of Maintenance is responsible for operating and maintaining the SHS through various activities that sustain its useful life. In FY 2020–21, District 7 removed 75,000 cubic yards of trash from the SHS. Through funding from Clean California, this Plan lays out the activities to remove the following additional litter collection quantities above and beyond the FY 2020–21 baseline at the following rate:

- 101,698 cubic yards in FY 2021–22,
- 101,698 cubic yards in FY 2022–23, and
- 101,698 cubic yards in FY 2023–24.

The table below shows the activity breakdown by which the increased litter collection efforts will be achieved with the increased funding provided by Clean California.

Clean California FY 2021–22 District Performance Targets—Litter Collection

ESE (SPP) (Cubic Yards)	SAM (Cubic Yards)	DMA (Cubic Yards)	Adopt-A-Highway (Cubic Yards)	Annual Litter Target (Cubic Yards)	Monthly Litter Target (Cubic Yards)	Litter Service at Encampments (Locations)	HazMat Contracts (Locations)	Dump Days
28,444	57,599	11,765	3,890	101,698	8,475	82	245	4

Therefore, District 7 will be expected to remove 175,000 total cubic yards of trash from the SHS each year over the next 3 years.

There are additional maintenance activities that result in litter collection, such as drain inlet cleaning and street sweeping, that will count toward the monthly and annual interim milestones as the District outlines the 3-year measurable objectives in this Plan.

Focusing on Trash Hot Spots

District 7 has developed the top 14 corridors requiring immediate attention and further prioritized those areas based on advancing benefits to underserved communities and the threat to water quality based on Caltrans drainage infrastructure that directly discharges to waterways currently under Stormwater regulatory enforcement (TMDLs and Significant Trash-Generating Area [STGAs]).



An internal web viewer provides maintenance managers real-time data in a visual format to optimize the allocation of resources for litter collection while prioritizing areas that will result in benefits to underserved communities. Maintenance will focus on tracking progress in these areas by ensuring quarterly Level of Service efforts demonstrate improvement in litter abatement and sustained reduction in litter collection needs.

The following corridors were prioritized based on the following factors:

- Benefits provided to underserved communities,
- History and current number of customer service requests,
- Acres of trash TMDLs,
- Illegal dumping hotspots, and
- Unsheltered individual encampments.

District 7 Priority Corridors are shown on the next page and listed in Appendix A.

Caltrans Forces

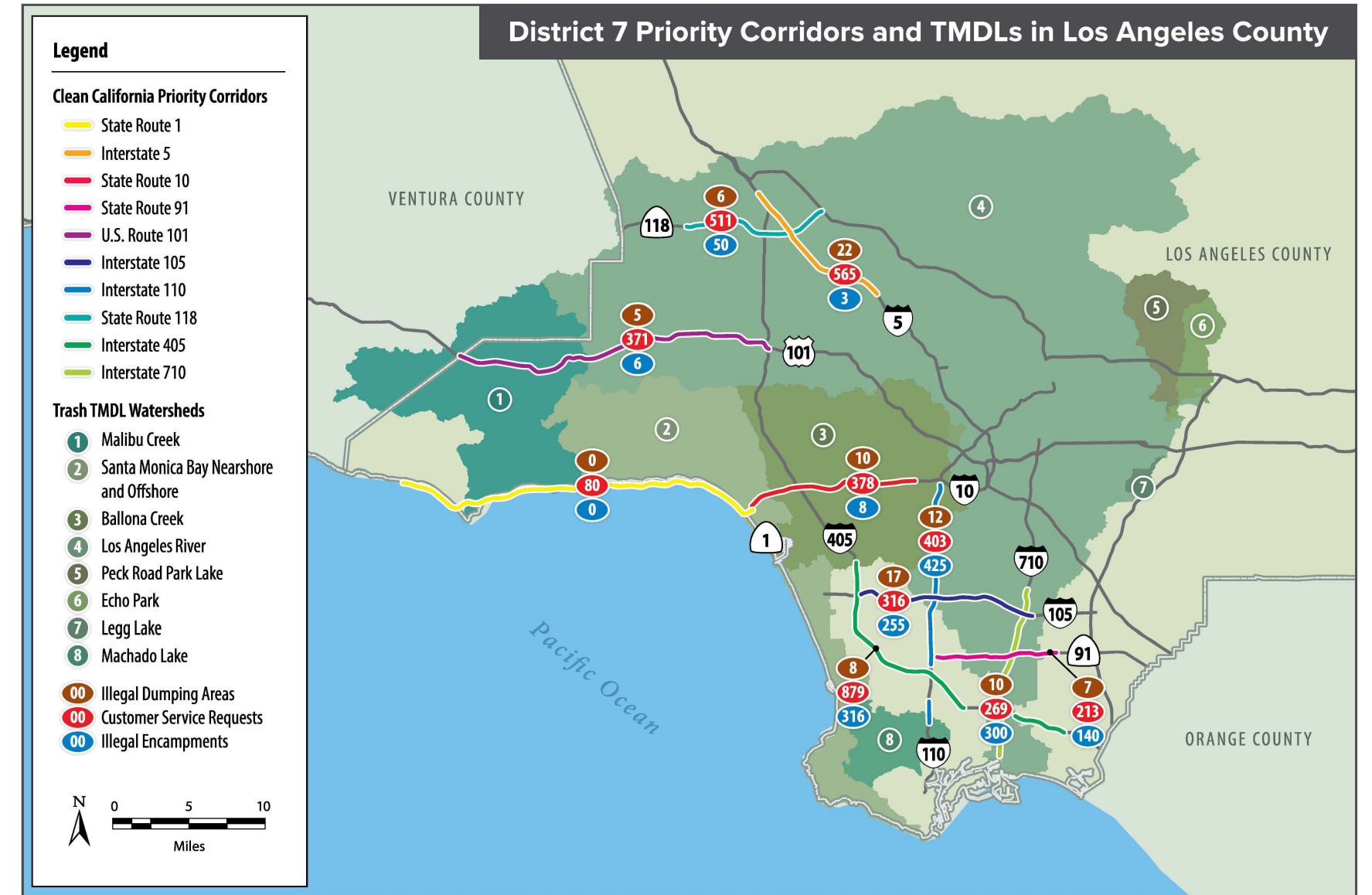
Caltrans removes litter, debris, and sediment to help maintain traffic safety (for both motorized and non-motorized travelers and workers), protect water quality,

Existing Crews in District 7 by Region, FY 2020–21

Crew Type	East	South	Metro	West	North
Landscape	10	7	3	8	8
Road	8	7	2	–	8
Tree	1	1	–	1	1
Spray	–	–	–	–	1
Mountain	1	–	–	–	2
Maintenance	–	–	–	12	–
Fire Strip Crew	–	–	–	–	1

Proposed Crews in District 7 by Region, FY 2021–22

Crew Type	East	South	Metro	West	North
Landscape	10	7	3	8	8
Road	8	7	4	2	8
Tree	1	1	–	1	1
Spray	–	–	–	–	1
Mountain	1	–	–	–	2
Maintenance	–	–	–	12	–
SAM	3	2	3	2	4
Fire Strip Crew	–	–	–	–	1



maintain adequate drainage, and provide an attractive facility for travelers and local communities.

The FY 2020 baseline trash removal by Caltrans forces was 75,000 cubic yards. The increase in trash removal by Caltrans forces between FY 2022 through FY 2024 under the Clean California initiative is 60,000 cubic yards. Total FY 2022–24 trash removal by Caltrans forces is 135,000 cubic yards.

SWARM

Caltrans Maintenance staff perform litter removal using weekend closures and by combined crews from multiple regions, using overtime and/or adjusted schedules to maximize logistics and resources to perform simultaneous maintenance operations at multiple locations while minimizing disruption to the traveling public.

Projects include litter and debris removal, weed abatement, guardrail repair, graffiti removal and tree trimming. Volunteers in community cleanup days can be augmented to contribute to operations. For example, Sandals Church of Azusa volunteered to join Caltrans forces to clean up a section of Interstate 210 near State Route 39.

The SWARM approach to addressing litter, and other maintenance operations, can also take advantage of extended lane closures needed to support construction. SWARM maintenance has been a tool that District 7 has been utilizing to access hot spot and difficult to access locations. With the increased Clean California allocation, District 7 has increased the frequency of SWARM activities and has increased community engagement and outreach to local organizations with an interest in stormwater to bring in more support to increase trash removal production.

Customer Service Request Crews

Contact Center Representatives (CCR) and Customer Service Liaisons (CSL) address requests for litter collection, roadway repairs, as well as suggestions for alterations or additions to the existing transportation network. This is accomplished through inbound telephone calls and careful monitoring of service tickets submitted by the public through the Customer Service Request (CSR) website and application, which serves as the central portal for users to present their concerns and recommendations.

District 7 Public Affairs staff work closely with the Maintenance Division to fulfill service requests within 30 days or less. All maintenance managers field customer

service requests within their regions and prioritize responses against other maintenance and operation responsibilities. The district has established a strike team approach to quickly mobilize and address high priority requests within hours, as appropriate.

Sweeping



Debris and sediment that accumulate on paved surfaces should be swept regularly to provide a safe and clean facility.

Special attention and increased sweeping frequencies of highway and shoulder, rest areas, vista points, and park and ride lots, should prioritize locations that have are under Stormwater trash enforcements (TMDLs, STGAs, and other known hot spots).

Clean California has received an equipment allocation to support new and existing maintenance staff needs including 245 vehicles that include Zero Emission Vehicle (ZEV) sweepers, utility trucks, and backup trucks.

District 7 will be receiving 7 new sweepers and 10 new vans. Four of the 7 sweepers are planned to be ZEV and are projected to arrive in December of 2022.

Mowing



The standard operating procedure for mowing activities is to remove litter prior to beginning mowing work to avoid shredding litter into small pieces. Mowing is also a fire prevention activity, which is a priority for District 7. Maintenance managers quantify

litter removal through an associated IMMS indicator or creating a duplicate work order specifically associated with the litter removal activity to ensure progress toward district and statewide goals are captured.

Drain Inlet Cleaning

In the metropolitan portions of Los Angeles, the storm drain inlets are inspected and cleaned annually prior to the rainy season. Those storm drain inlets that contain five inches or more of accumulated material will be cleaned. Inspection and cleaning activities will be reported annually by section of highway.

Litter Standdown

In January 2021, the Division of Maintenance, issued a memorandum directing all maintenance crews to perform mandatory two-days a month Litter Stand Down events to help further reduce litter on the SHS. In April 2021, this activity was further reinforced with another memo specifying specific days and reporting efforts.

Tracking effort and production quantities, as directed by the memos through use of IMMS reporting, are critical to Clean California measurable objectives and stormwater compliance crediting toward District 7 TMDLs and SGTAs.

Employment Social Enterprise

Actions to enhance the Employment Social Enterprise (ESE) will be targeted at establishing new crews through Headquarters’ service contracts or the district working directly with established organizations that provide work and social services for the formerly incarcerated reinterring society, at-risk youth, unsheltered individuals, and veterans. Reaching these vulnerable populations to augment Caltrans forces may be fulfilled through partial or full resources provided by ESE contracts, SAM new hires, or established third party programs (i.e., Volunteers of America, CalVet Veterans Services).

The first two tables on the following page identify the number of FY 2020–21 existing ESE crews assigned to District 7 along with the additional crews assigned for FY 2022–23 under the Clean California allocation. The trash production quantity assigned for the nine new crews is over and beyond the FY 2020–21 baseline.

The bottom two tables on the following page identify the number of existing crews by district maintenance region as well as how the new crews will be allocated to those same regions in FY 2022–23.

California Department of Corrections & Rehabilitation.

Caltrans partners with the California Department of Corrections and Rehabilitation (CDCR) to provide employment for parolees. The Caltrans Parolee Work Crew Program provides transitional employment through litter abatement services for Caltrans. This program is a partnership between Caltrans, CDCR, the Butte County Office of Education (BCOE), San Bernardino Community College District (SBCCD), and the City of Oakland Golden State Works (GSW). The BCOE and SBCCD Day Reporting Centers (DRCs) work with the CDCR Division of Adult Parole Operations. All ESE crews identified above are CDCR crews that are managed out of the Headquarters contract with district maintenance manager supervision and production reporting.

FY 2021–22 ESE Crew Distribution

Existing Crews	Clean California Crews	Total Crews
15	9	24

Clean California FY 2021–22 District Performance Targets—ESE District Performance Targets

# of Litter Crews	Ratio	Unweighted Target (Cubic Yards)	Weighting Factor	FY 2021–22 Performance Target (Cubic Yards)	FY 2021–22 Monthly Performance Target (Cubic Yards)
9	11%	20,122	1.20	28,444	2,370

Existing ESE Crews in District 7 by Region, FY 2020–21

Crew Type	East	South	Metro	West	North
ESE	3	3	3	3	3

Proposed ESE Crews in District 7 by Region, FY 2020–21

Crew Type	East	South	Metro	West	North
ESE	5	6	7	3	3

Veterans. The County Veterans Services Office is an office established by the Butte County Board of Supervisors to assist veterans, their dependents and survivors, and the general public in obtaining benefits from federal, state, and local agencies administering programs for veterans. Caltrans Office of Roadside Management (ORM) currently contracts with Butte County for ESE services that support veterans.

Adopt-A-Highway

The Caltrans Adopt-A-Highway Program provides an avenue for individuals, organizations, or businesses to help maintain sections of roadside within California’s SHS. Groups have the option to participate as volunteers or to hire a maintenance service provider to perform the work on their behalf.

In District 7 there are 421 total adoptable sites; 236 sites have been adopted and 185 sites are available, and 160 sites are not adoptable. These numbers include ramps and interchanges. Sites can be adopted in one or both directions. Some sites and ramps only have one side adopted, and that is counted in the adopted and vacant sites. Some sites and ramps have one side adopted or vacant, and the other side is non-adoptable. Not-adoptable

areas include sites that need site review; sites with safety concerns; construction sites; sites in remote areas; maintenance agreements sites; environmentally sensitive sites; or sites that are too small to enter.

The District has established a goal to adopt out 32 new sites a year over the next three years in order to meet production targets for trash removal, above and beyond the FY 2020 baseline, to meet Clean California measurable objectives.

District 7 plans to accomplish its Adopt-A-Highway goals by deploying the following efficiencies, innovations, and accountability measures.

Innovations & Efficiencies:

- Provide financial incentives through stipend program.
- Provide traffic control.
- Create reports on adoptable route availability for 18 cities and county.
- Working to have reports available online and ultimately have Adopt-A-Highway mapping on the Caltrans website.
- Leverage cities relationships with local businesses to increase sponsorship adoptions.
- Create synergies with non-governmental organizations

with an interest in stormwater.

- Opportunity to be part of the solution while advertising our mutual interest in clean water.
- Collaborate in cleanup events to expand footprint into Caltrans ROW.
- Pilot larger adoption sign in District 7 along multi-lane freeway to entice businesses to the free advertisement opportunity.
- Evaluate safety and effectiveness.
- Create a consent letter option that could be issued in 1-3 days for special events.
- Create expedited encroachment permit option that could be issued in 1-3 days for special events.

Encampments

Caltrans’ role with respect to encampments is to collaborate with partners to help connect people living along Caltrans transportation network with critical services and shelter, coordinate cleaning of trash and debris from encampment sites, respond to emergencies at encampments to inspect for potential damage to Caltrans’ infrastructure, and to restore and protect the right of way after people have been relocated. While Caltrans is not capable on its own to relocate people into shelters or provide social services, Caltrans is a committed

partner in assisting local partners in their efforts to assist people living on state property. The California Highway Patrol (CHP) is the enforcement agency responsible for addressing allegations of criminal activity on state property. Encampment removals without a coordinated relocation effort across state and local agencies will likely result in people returning to the same location, moving to adjacent city or county property, or being dispersed into the community, without resolving the core issues.

With Caltrans taking a wholistic and compassionate approach to dealing with encampments cleanups and/or removal and litter service; District Maintenance Managers have taken on a liaison role in collaboration with municipal partners in connecting the community experiencing homelessness to social services for transition housing, vaccine distribution, department of health services, and other needs.

Engage Service Partners. Persons experiencing homelessness (PEH) are challenged with many social disadvantages. Professionals trained to interact with PEH will be the key to success. Many individuals are struggling with either drug and alcohol addiction, mental illness, post-traumatic stress disorder, are victims of domestic abuse, crime, or are abandoned or runaway minors, Interaction

by social service partners will begin the self-assurance Caltrans is there to assist in sanitation efforts, and not to relocate. Building a framework of trust will allow social service partners more time to engage and understand the needs of everyone. Coordination with social service partners with a debris removal plan and separating debris, is an important step to clean litter at encampments.

Social, Human and Health Service Partners. Partner agencies and organizations will be instrumental during the initial engagement of PEH and should be the first step before removing litter at and near encampments.

Law Enforcement Partners. When conducting outreach, it's important to remember the safety of Caltrans' employees, contractors, and social service providers, and protect employees and partners from potential aggressive interaction by PEH. Some social service providers feel the presence of law enforcement has a negative effect when engaging PEH. If this is the case the social service provider can complete a form, MTC 0131B "Consent Letter for Providers Accessing Encampments on Caltrans Property", before entering onto Caltrans property.

Hazardous Material Contracts. Unsheltered individual encampments involve specialized cleanups due to the

nature of the locations where one or more unsheltered individuals live in an area usually without benefit of sanitary services. Clean up of these sites occurs after authorities evict the tenants who may leave behind their possessions, solid wastes, abandoned vehicles, dead animals, and human waste. Some hazardous wastes may be present, but a primary hazard is human waste, possible drug related paraphernalia including needles, and potentially infectious waste.

Litter Removal Service. Encampments in California have increased. The COVID-19 pandemic, guidelines from the Centers for Disease Control, and state policies have challenged officials to look for innovative solutions to ongoing maintenance issues associated with encampments on Caltrans-owned properties and PEH.

To mitigate trash being generated at or near encampments that are lower priority levels, where possible and practical, Caltrans staff should work with local partners to distribute trash bags and sharps containers to encampment occupants and schedule trash collection. Caltrans staff should follow all safety guidelines for handling hazardous materials. Significant debris or trash removal from encampments should be performed by a hazardous material contractor.

Delegated Maintenance Agreements

The Streets and Highways Code permits delegation of the Caltrans powers and jurisdiction over any portion of state highways within a city or county. If a city or county is delegated any maintenance work on a conventional state highway, a maintenance agreement must be processed. The agreement should pertain only to those specific functions that are delegated to the local agency. Statements as to what functions the state will perform are unnecessary. The agreement specifies, by total dollar amount per route, the degree of maintenance that Caltrans has determined as appropriate for the delegated work.

In FY 2020–21, District 7 had 83 existing Delegated Maintenance Agreements (DMAs) with a variety of partners throughout Los Angeles and Ventura Counties.

District 7 has committed to executing up to 25 new Clean California DMAs per year with an annual target of removing 11,675 cubic yards of production per year.

Illegal Dumping

Illegal dumping is the act of disposing solid waste at a location that is not a permitted solid waste disposal facility and is usually done for economic gain. Illegal dumping

poses significant social, environmental, and economic impacts statewide. California local and state government spends tens of millions of dollars annually to remove illegally dumped materials, and private property owners incur significant costs to clean up illegal dumping. Illegal dump sites that are not abated often grow in size and can then become illegal disposal sites.



Caltrans remains engaged with the Cal Recycle and Alameda County Illegal Dumping Trash Advisory Committees.

One of the most important elements of enhancing Caltrans' response to Illegal Dumping will be establishing a cross-sector partnership. The partnership includes a robust set of elected officials from Los Angeles and Ventura counties, who bring significant resources in the form of public sector participation, local public sector firms with a physical footprint in hot spot areas, as well as strong network of civil engagements, including local faith and non-profit groups, community stakeholder groups, and neighborhood residents.

Caltrans intends to use education, eradication, and enforcement to address illegal dumping. Each element of this strategy can be viewed through a proactive and reactive lens, allowing for greater flexibility in implementing the strategy.

Free Dump Days. Caltrans is establishing service agreement templates to allow the districts to utilize the \$10 Million statewide allocation to procure contractors to provide trash services for public engagement events as part of the Clean California initiative. The contractor will provide Caltrans all labor, trash and recycle bins, equipment, and incidentals, and pay all associated costs, fees, and taxes, necessary to provide trash and recycling collection, hauling, sorting, loading and disposal services as described herein. These services shall be performed at various Caltrans maintenance facilities, state roadside rest areas, and park and ride facilities within Los Angeles and Ventura counties.

District 7 is planning free dump days in October 2021 and April 2022. In October, District 7 will focus in the areas that warrant the most urgent needs in the Compton area and at Sun Valley hotspots. Free Dump Days will proceed districtwide in April 2022. District 7 has 49 existing maintenance stations and 54 park and ride locations where

Free Dump Day events will be hosted. Priority areas will include benefits to underserved communities in alignment with the Caltrans equity statement as well as an evaluation of hot spot areas where the events could mitigate illegal dumping activities.

Construction Contracts

District 7 will leverage trash collection efforts by contractors performing work within the SHS by implementing a new special provision in contract documents that require contractors to pick up and dispose of publicly generated litter in construction zones. This innovative approach to accessing all available resources within the SHS does not include illegal dumping in excess of one cubic yard and also excludes solid waste from illegal encampments as these cleanup efforts are covered by other activities.

Enforcement

The California Highway Patrol (CHP) is responsible for enforcing anti-littering laws along the SHS and can issue violation citations that start at \$250 and range up to \$1,000, depending on the location. Both Caltrans and CHP have committed resources toward trash prevention



and work together to share ideas for solutions leading to improved trash source control. Enforcement efforts for the Plan focus on education and outreach and enhanced enforcement efforts such as increasing litter ticketing, with alternatives to littering fines for those who are unable to pay them – such as educational opportunities or community service centered on litter pickup so as to not widen disparities.

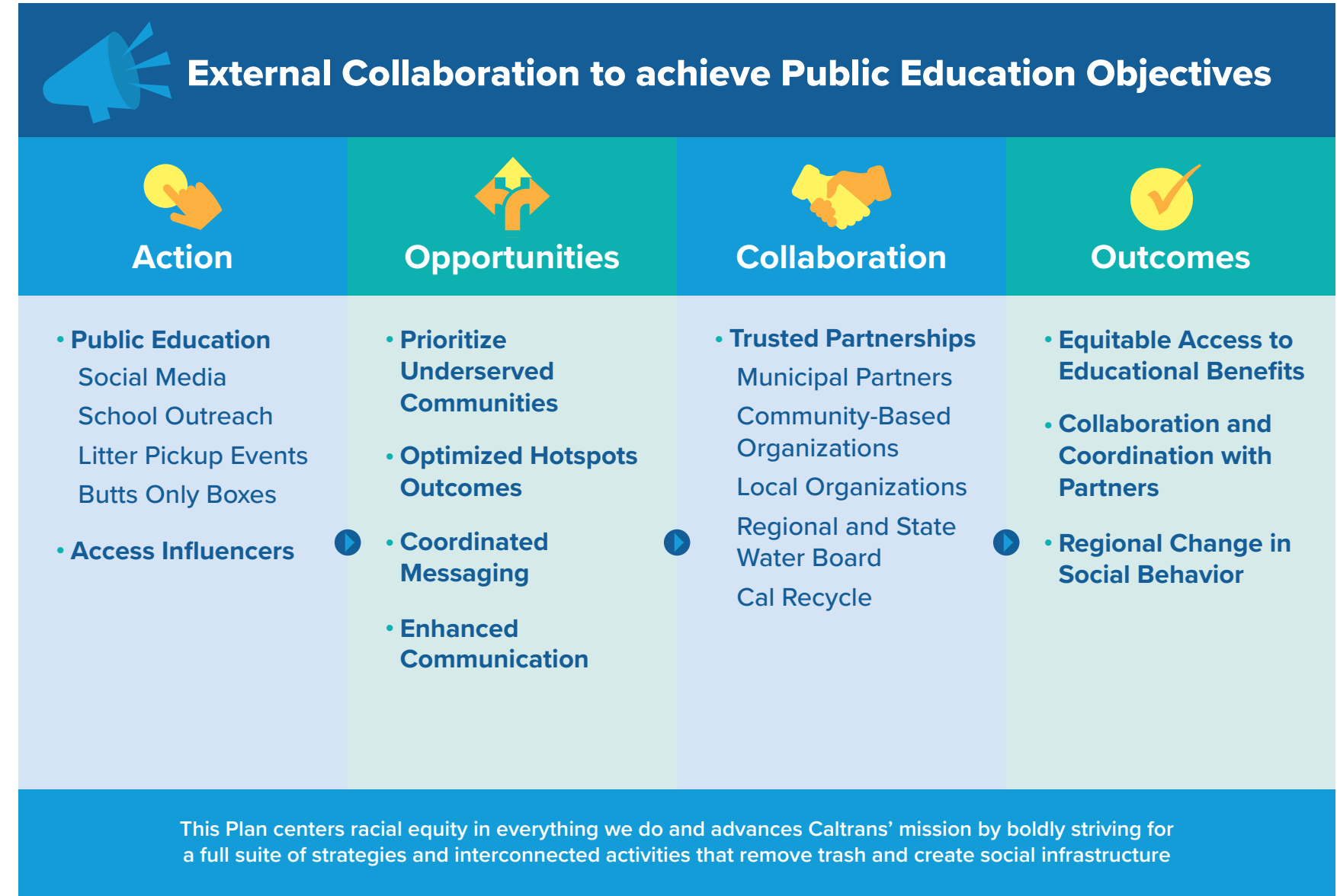
Litter Fine Signs

District 7 is currently working with Caltrans Headquarters to acquire new litter fine signs for statewide deployment. The district is currently mapping out the existing litter fine sign assets to optimize the deployment of new signs in hot spot areas such as known illegal dumping locations and areas that have been designated as STGAs under stormwater regulatory mandates. The district is also exploring the use of targeted messaging through the changeable message signs as well as determining how to procure no littering signs in alternative languages or through universal symbology.

Public Education

Educating and involving key stakeholders and the general public about litter abatement efforts is a critical component of this plan. The desired result of a public education campaign is to achieve a cleaner environment by preventing litter through long-term, positive behavioral change. Anti-litter campaigns need to include social interactions with people in addition to message dissemination that can be done through traditional media and social media relations efforts. These type of social interactions – that can be done with school outreach or other person-to-person engagement – can promote and educate about litter abatement.

Clean California includes funding for a \$33 million, two-year, multi-faceted public outreach effort to create a variety of well-coordinated and complementary statewide marketing campaigns, public relations activities, and media services designed to educate the public about the initiative. This plan will utilize the Clean California and Caltrans Division of Environmental Analysis (DEA) Stormwater Program public education contracts to implement a pollution prevention stormwater public outreach campaign and expand upon campaign elements targeted at trash reduction, illegal dumping, and securing vehicle loads as well as other stormwater pollutants of concerns.



District 7 can coordinate with the efforts of these two campaigns, as time and funding allow, to promote litter abatement efforts in Los Angeles and Ventura counties. Likewise, the Clean California and DEA Stormwater Campaign can share messages and activities conducted in District 7 – such as free dump days – to ensure all efforts are publicized.

Public Education and Awareness

Increasing public education and awareness around litter abatement is needed to prevent litter, illegal dumping, and shape attitudes that promote keeping areas in the district clean, while also creating awareness about the benefits to the environment and waterways through reducing trash. A comprehensive public education and awareness campaign utilizing the efforts of the Clean California and DEA Stormwater Campaigns can include tailored messaging to reach key audiences about the importance of eliminating litter in the region.

Coordination and Partnerships

Coordination and partnerships are necessary to address litter control because litter is a regional issue that goes beyond Caltrans. Local cities, counties, and organizations can assist with litter prevention and management. Caltrans

should develop partnerships with local groups to achieve overall litter abatement.

Community Partnership Program. In connection with the Clean California initiative and the Caltrans DEA Stormwater Program, community partnerships can focus on litter abatement, trash pickup, and beautification efforts. A community partnership plan could be prepared for involvement by local communities, with ideas for community-tailored marketing like “Don’t Trash LA” or “Keep LA Clean”. These taglines and anti-littering key messages can be shared/distributed through both Caltrans and local social media channels to reach a broad audience.

Events such as vouchers to enter dumpsites and area clean-ups are proposed for public involvement efforts, as are ideas for managing littering of cigarettes. Through community partnership programs, Caltrans and local partners can share messages that encourage and invite the public to get engaged in litter removal activities. Community partnerships also tie in to the proposed off-system beautification efforts called out in the Clean California initiative.

Local Organization and Regulatory Agency Partnerships. Activities to engage with local organizations and regulatory

agencies are also suggested in this plan as a means to promote opportunities for partnerships and information-sharing on clean up events, and to build relationships between Caltrans and local organizations in an effort to improve working together and collaboration. The plan suggests regular meetings with interested organizations, such as environmental groups.

Public Participation

The public plays a key role in litter abatement, and District 7 can implement events and opportunities for the public to participate in litter control events and efforts. These efforts can include cleanup activities such as those sponsored by the California Coastal Commission at coastal locations in Ventura and Los Angeles counties, or other similar clean-up events. Other efforts or opportunities for the public to play a role in litter abatement include coordination with local dump locations to provide free vouchers for trash drop-off, to eliminate illegal dumping, or providing tarps in order to reduce trash from falling out of open vehicles.

Butts Only Box Program. Caltrans has partnered with Keep California Beautiful (KCB) to implement the Butts Only Box (BOB) program. The BOBs are containers where users can dispose cigarette butts safely and efficiently, so they

don’t enter our water ways and release harmful chemicals over time. Cigarette butts are the number one item that is littered in the world. The biggest problem that exists when cigarettes are littered is that the butts are too small to pick up effectively and harmful chemicals are released over time. Any litter and debris items that are not picked up can find their way to rivers, streams and oceans. The BOBs are containers where users can dispose cigarette butts safely and efficiently, so they don’t enter our water ways.

Part of expanding the BOB Program and to promote sustainability is to take all the butts collected by the BOBs to Refuse-to-Energy Facilities. There are two of these facilities in the state that make energy out of the butts. These facilities are directly linked up to the power grid and the energy produced goes right back to energize the grid. There would be no residue or toxins released into the environment compared to dumping cigarette butts in a traditional landfill. Given proper funding, California would be a national leader and be the first state in the United States to dispose of cigarette butts in this manner. The long-term environmental benefit is the reduction of pollutants in stormwater. Caltrans would have data showing how many cigarette butts were diverted from our water ways, and at the same time adding to the energy grid.

This plan proposes re-starting a contract with vendors to install BOBs at 50 locations throughout the district and explore opportunities to turn cigarette butts to energy through the Refuse-to-Energy program.

Beautification

The Clean California initiative calls for beautification projects on both the SHS and off the SHS. On-system, projects will be installed by Caltrans. Off-system, projects will be installed by local agencies. These projects are an opportunity to both beautify portions of roadways in the district and also deter littering in these areas. The plan proposes to coordinate closely with communities to identify locations for beautification.

Caltrans Beautification Projects

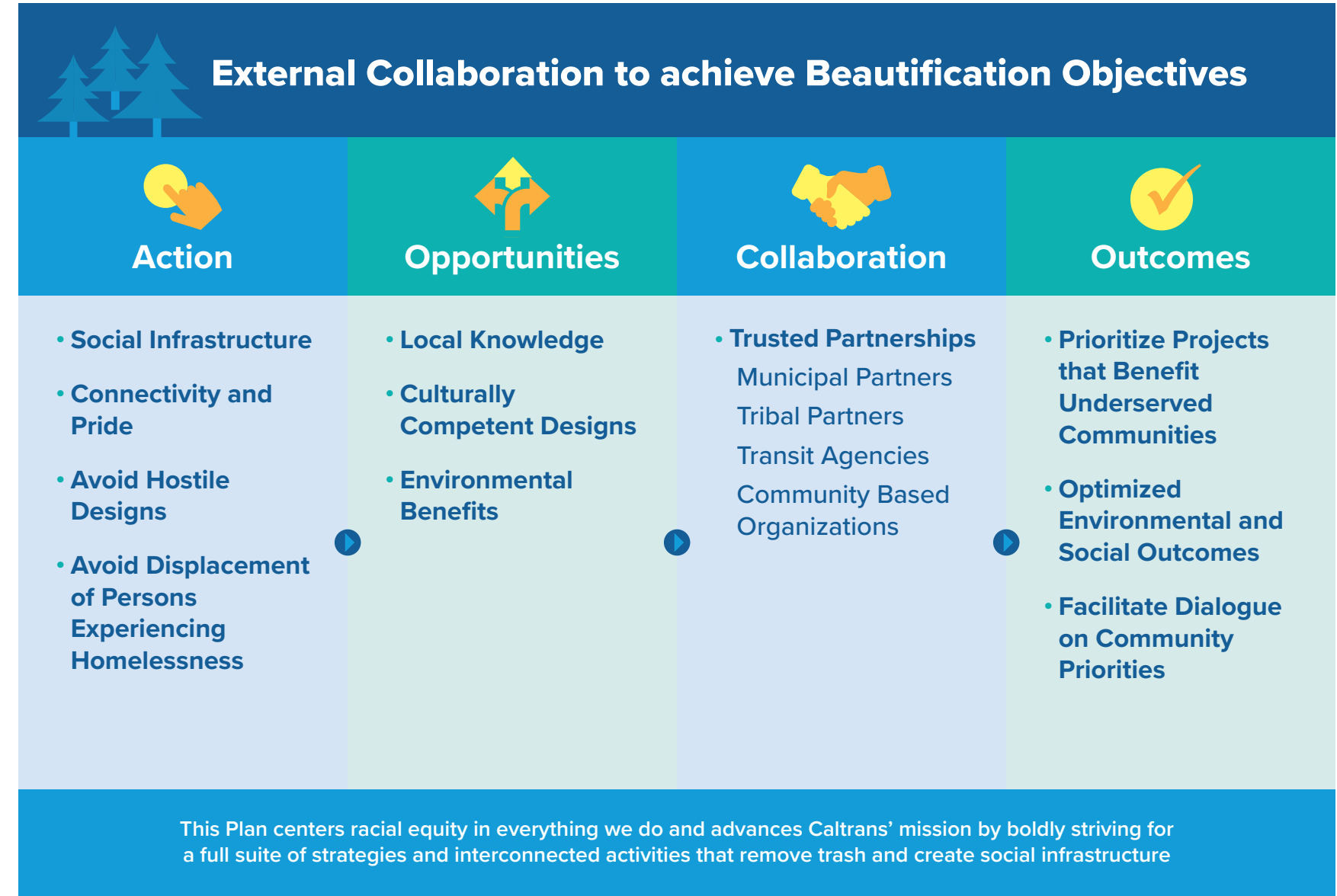
Clean California provides \$287 million in funding for context sensitive beautification and art installation projects intended to create social infrastructure and connectivity that create community pride, sustain a litter-free environment, protects water bodies from stormwater trash contaminants that make people sick, and threaten marine life. The program seeks to advance equity for underserved

communities and implement transformative enhancement projects on the SHS by improving the aesthetics of public spaces with enhanced paving, inert material, green street elements, planting/irrigation, safety measures, and art installations.

The goal of the program is to install no less than 13 beautification and 13 transportation art enhancement projects and 23 safety measure projects/sites with a goal of generating over 3,600 jobs.

I-110 @ 28th Street Model Project. The I-110 @ 28th Street location is a high trash generating area that was cleaned up in a Clean California event in which Governor Gavin Newsom and District 7 Director Tony Tavares removed large articles of trash, including a mattress. To transform this area and maintain it in a litter-free state, the goal was to create lasting and transformative change, where Los Angelenos can come together to provide input on the design of this location and to create a usable space that creates pride in its use and maintenance.

District 7 employed a context sensitive design through community engagement. The project team reached out to Hope Bridge Home homeless shelter, local artists, professors and students at LA Trade Technical College, and



city, county, and state elected officials. The outreach effort culminated in the use of the trade school’s drafting design and visual simulations, feedback from local artists, and consideration of the end-users in proximity of the site.

Local Beautification Projects

The \$296 million Clean California local grant program provides funding opportunities to mitigate trash and provide community benefits through beautification projects that improve local streets and roads, tribal lands, parks, pathways, and transit centers. Context sensitive beautification and art installation projects are intended to create social infrastructure and connectivity that create community pride that sustain a litter-free environment and protect water bodies from stormwater trash contaminants that make people sick and threaten marine life. The grant program is administered by Caltrans as part of a two-year program.

The Caltrans local grant program, with its focus on multi-benefits and its prioritization of projects with outside funding, affords municipalities the opportunity to incorporate litter abatement and water goals within a broader vision of a livable city, alongside health, mobility, transportation, and other goals.

Full Trash Capture Devices

Physical Intervention

Caltrans implements stormwater treatment practices, including trash capture through physical intervention by structural trash capture devices, in compliance with the SWRCB-issued Caltrans NPDES stormwater permit. Caltrans has implemented a statewide Stormwater Management Plan (SWMP) that provides guidance to staff regarding the requirements of the NPDES Permit to reduce or eliminate the discharge of stormwater pollutants through incorporation of stormwater Best Management Practices (BMPs). Trash capture devices trap trash, preventing any further migration to California’s precious water resources.

The 2021 State Highway System Management Plan provides funding for treatment of 4,682 acres over a 10-year period. For the first 5 years of that 10-year period, 3,105 compliance acres are funded through 2020 and 2022 SHOPP. The last 5 years of that 10-year period – FY 2026–27 through FY 2030–31 – funds 1,577 acres. The total allocation to District 7 is \$1,757,272,284 to meet compliance objectives for trash and other TMDL pollutants.

Monitoring and Reporting

This Plan requires a planned, coordinated approach to litter prevention and management in the district based on several important needs. To implement the plan, efforts need to focus on:

- Establishing priorities for next steps,
- Identifying sponsors and owners to execute and track the work, and
- Coordinating on the use of resources to implement work.

Over the implementation time span of this Plan—which is 3 years—District 7 will provide leadership to work towards fostering inter-agency and community engagement and outreach to assign ownership of the litter plan activities. Resources will be deployed that optimize environmental outcomes related to the litter and illegal dumping issues facing the district. Developing partnerships through engagement will be paramount in taking a regional approach to addressing system deficiencies by facilitating links to enable organizations, individuals, governmental agencies, and communities to contribute to a planned, coordinated, comprehensive approach to litter abatement and beautification efforts.

Statewide Stormwater Permit

Caltrans Division of Environmental Analysis, in coordination with the District 7 Stormwater Coordinator, intends to submit compliance credits from both increased maintenance efforts (litter pickup), full trash capture device (i.e., trash nets) installation, lowered trash generation from beautification projects, and changes in social behavior from the public education campaign that minimize trash discharges as required by various State and Regional Water Board regulatory trash mandates. The Annual Stormwater Report, required by the NPDES permit, is the mechanism by which transparency and accountability efforts toward regulatory trash mandates will be documented and submitted for approval.

Delivering on Clean California

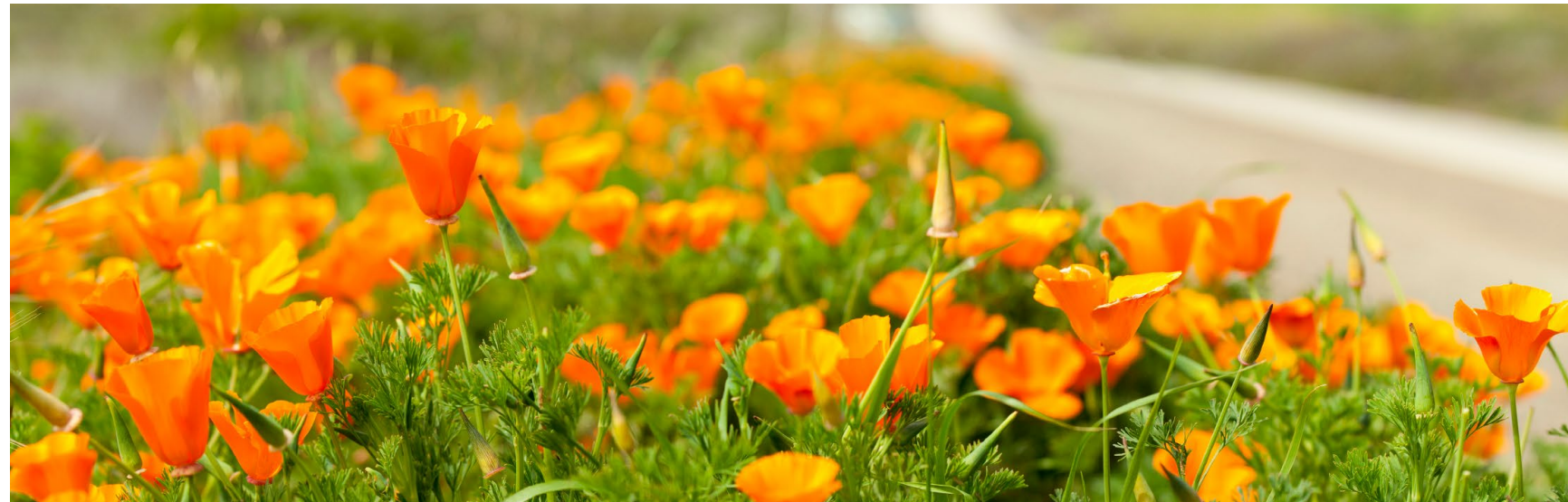
As of the writing of this Plan, a Clean California Dashboard is under development that will afford the end-user an opportunity to receive and digest information through visual representation, along with a brief narrative, providing for transparency and accountability to Californians we are proud to serve. The dashboard will automate the presentation of demonstrating progress toward measurable objectives for a variety of activities and at various levels for key metrics.

To track progress, quantify benefits, account for expenditures, and ensure transparency, a Clean California Portal, which consists of a map, dashboard, and reporting module, has been developed. Features include:

- Litter removal quantities by district,
- Public education,
- Overview of funded projects/studies and project applications currently under consideration,

- Summary of multiple benefits,
- Map with search box, and
- Project filters and layers (jurisdiction, program, funding year, status, cost, etc.).

District 7 will be responsible for monitoring progress toward the Clean California contract for delivery expectations that role up to statewide measurable objectives.



¹ AECOM. 2014. Water Research Foundation and Water Environment Research Foundation. National Economic & Labor Impacts of the Water Utility Sector.

² Value of Water Campaign 2017. The Economic Benefits of Investing in Water Infrastructure.

Appendix A. District 7 Priority Corridors

Route	Direction	Begin PM and Begin Interchange	End PM and End Interchange	# of Underserved Communities	Hotspots & CSRs	Trash TMDL Acres	# of Illegal Encampments	# Known Illegal Dumping Areas
1	E/W	34.5 I-10	59 Encinal Canyon Rd	0	80	485	0	0
5	N/S	12.8 S. Atlantic Blvd	28.6 W. Alameda Ave	12	257	383	1	4
5	N/S	32.2 N. Hollywood Way	42.6 Roxford St	7	308	252	2	18
10	E/W	2.1 Lincoln Blvd	13.3 S. Normandie Ave	10	378	235	8	10
91	E/W	6.7 I-110	14.6 SR-19 Lakewood Blvd	5	213	133	140	7
101	N/S	16.9 Sepulveda Blvd	38.2 Ventura County Line	1	371	215	–	–
105	E/W	2.3 I-405	14.1 Garfield Ave	11	316	300	6	5
110	N/S	5.6 JNO Sepulveda Blvd	7 Carson St	1	58	179	255	17
110	N/S	9.5 JSO SR 91	21.2 JSO I-10	13	345	24	40	1
118	E/W	4.5 JWO Tampa Ave	14 I-210	2	511	155	385	11
405	N/S	2.9 JSO N. Lakewood Blvd	6.4 JNO Long Beach Blvd	2	268	230	50	6
405	N/S	9.9 JNO Dominguez Channel	23.3 W. Manchester Blvd	9	385	12	215	2
405	N/S	43.9 Roscoe Blvd	47 JNO SR-118	1	226	0	100	6
710	N/S	6.2 W. 10th St	17.3 JNO Imperial Hwy	9	269	75	1	0

Appendix B. District 7 Litter Abatement Plan Measurable Objectives

Job Creation

Action	Implementation Task	Interim Milestone	Measurable Objective (Objective 1.0)
Hire to fulfill Clean California Caltrans staffing allocations	Initiate mass hiring fairs	Caltrans Hiring Fairs:	200 Caltrans New Hires
	Incorporate equity in hiring process by creating career opportunities and jobs for veterans, students, people experiencing homelessness, and those re-entering society from incarceration	Compton College June 8-9, 2021	Clean CA Allocation: 89 Service Assistance Maintenance Positions
		East LA College June 15-16, 2021	12 Maintenance Lead Workers
		LA Trade Technical College June 22-23, 2021	12 Maintenance Supervisors
		Hope Bridge Home June 29-30, 2021	
	Complete Clean CA hiring by 9/1/2021		

Litter Collection

Action	Measurable Objective (Objective 2.0)
Implement comprehensive litter abatement effort on the SHS over and beyond FY 2020-21 Baseline	<ul style="list-style-type: none"> • 101,698 cubic yards of litter removed per year over 3-year period; 305,094 cubic yards total • 245 encampment sites cleaned per year over 3-year period; 735 total • Litter removal service at 82 sites per year over 3-year period; 246 total • 4 free dump days per year, 12 total • 10,905 hours of equipment production per year • 28,444 cubic yards of litter removed per year over 3-year period through SPP; 85,332 cubic yards total • 11,765 cubic yards of litter removed per year through DMAs per year over 3-year period; 35,295 total • 57,599 cubic yards of litter removed per year over 3-year period by Caltrans forces (SAM); 172,797 total • 3,890 cubic yards per year over 3-year period through Adopt-A-Highway program; 11,670 cubic yards total

Litter Collection (cont'd)

Action	Implementation Task	Interim Milestone	Measurable Objective
Conduct districtwide litter abatement activities	See actions below	Remove additional 57,599 cubic yards per year +57,599 cubic yards in FY 2021-22 +57,599 cubic yards in FY 2022-23 +57,599 cubic yards in FY 2023-24	172,797 CY trash removed (3-year total)
Utilize SWARM or Group Maintenance Tactics	Capitalize on major closures for maintenance swarm opportunities	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively	See Measurable Objective 2.0
Hold Twice-Monthly Litter Stand-Down Events	Implement mandatory Litter Stand-Down events two-days a month (first and third Thursdays) for litter removal	See Measurable Objective 2.0 for litter removal	See Measurable Objective 2.0 Increase cubic yards of trash removed per month
Utilize California Department of Corrections and Rehabilitation (CDCR) crew managed by Office of Roadside Management	Create career opportunities and jobs for people re-entering society from incarceration	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively Establish 9 additional SPP crews from CDCR through Clean California district allocations by 10/31/2021	See Measurable Objective 1.0
Create Youth Employment Program	Make connections with organizations to discussion opportunities and jobs for students	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively	See Measurable Objective 1.0
Use Butte County Office of Education to continue litter pick up	Create career opportunities and jobs for veterans	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively	See Measurable Objective 1.0
Consider developing an employment program for persons experiencing homelessness	Create career opportunities and jobs for persons experiencing homelessness	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively	See Measurable Objective 1.0
Utilize Court Referral Community Service Program	Create career opportunities and jobs for students and people re-entering society from incarceration Create Community Service Crews for litter pick up	See Measurable Objective 1.0 and 2.0 for job creation and litter removal, respectively Establish Community Services Crew by 10/31/2021	See Measurable Objective 1.0

Litter Collection (cont'd)

Action	Implementation Task	Interim Milestone	Measurable Objective
Expand Adopt-A-Highway Program	Increase route and ramp adoptions by 32 each year	Year 1 = +3,890 CY 32 New Adoptions Year 2 = +3,890 CY 32 New Adoptions Year 3 = +3,890 CY 32 New Adoptions	11,670 cubic yards of trash removed over 3-year period FY 2020-21 Baseline Trash Removal = 2,500 Cubic Yards
Expand Adopt-A-Highway Program	Add Park and Ride and Safety Roadside Rest Areas to list of adoptable locations	See above	See Measurable Objective 2.0
Expand Adopt-A-Highway Program	Add Bike Paths to list of adoptable locations	See above	See Measurable Objective 2.0
Continue partnerships with local jurisdictions and social services to support people experiencing homelessness off right of way and into shelters	Continue coordination with social service providers	Conduct bi-monthly meeting with outreach team and other social service and transition housing contacts	Facilitate social service provision opportunities by reaching out to 5,000 unsheltered individuals over 3 years
Utilize service contractor to remove hazardous material	Establish contract with service provider for district	Triple hazardous waste/materials contracts Clean 245 sites in Year 1 Clean 245 sites in Year 2 Clean 245 sites in Year 3	735 locations cleaned over 3 years
Establish partnership with Waste Management or other waste collection businesses to begin trash collection services at encampments sites	Enter into agreement with Waste Management or other similar entity to remove trash at encampment sites Increase scheduled trash pickup days as needed	Create service agreement with Waste Management by 10/1/2021 Deploy litter removal service for 300 encampments over 3 years at 100 new service locations by 10/31/2021	Create litter removal service for 300 encampments over 3 years at 100 new service locations
Expand Delegated Maintenance Agreements	Expand Delegated Maintenance Agreements with local cities and counties to increase litter removal on state routes	Execute up to 25 new Clean CA DMAs by 12/31/2021 Year 1 = 25 New DMAs 11,675 Cubic Yards Year 2 = 25 New DMAs 11,765 Cubic Yards Year 3 = 25 New DMAs 11,765 Cubic Yards	Remove 35,295 cubic yards of additional litter per year, over 3 years Create 180 jobs over 3 years FY 2020-21 Baseline: 83 existing DMAs

Litter Collection (cont'd)

Action	Implementation Task	Interim Milestone	Measurable Objective
Implement free dump day program	Conduct 2 free dump days per month at park and ride lots and maintenance yards Hold dump days at locations throughout district, prioritizing underserved communities	Hold 2 free dump days by end of 2021	2 free dump days per month at 45 locations, over 3-year period Track amount of litter received at drop-off sites and document as a source control effort
Implement special provision for contract bid items for contractors to pick up and dispose of litter, trash, and debris generated by the public	Incorporate special provision into projects as agreed upon by District 7 Office Engineer and Division of Construction	Fiscal Year 2021/2022: 5 projects Fiscal year 2022/2023: 5 projects Fiscal Year 2023/2024: 5 projects Monitor success of implementation for more widespread use	Amount of litter removed by contractor's crew

CHP Enforcement

Action	Implementation Task	Interim Milestone	Measurable Objective
Explore options to improve partnership with CHP and local social services/jurisdictions	Develop communication plan focused on improving response times from CHP	Prepare communication plan by 12/31/2021	Implement communication plan for improved partnership and response time efforts
Explore options to improve partnership and enforcement by CHP	Increase and improve dialogue and engagement with CHP around enforcement	Conduct outreach and begin discussions with CHP by 12/31/2021	Hold quarterly meetings with CHP to discuss enforcement efforts
Increase litter ticketing as needed	Determine interest and opportunity to partner with CHP and local law enforcement agencies on ticketing Determine resources available from all sources to assist local agencies in their antilitter enforcement efforts Identify any new methods of funding for increased enforcement	Conduct survey and other outreach efforts to CHP by 12/31/2021	Increase number of warnings and fines distributed in Years 1 through 3
Consider alternatives to ticketing fines	Review feasibility with Legal Division of lowering ticketing fines and establishing alternatives, such as community service, for individuals who cannot pay fines	Conduct discussions and review of existing policies by 12/31/2021	If deemed feasible, introduce Department Legal/Legislative Proposals

CHP Enforcement (cont'd)

Action	Implementation Task	Interim Milestone	Measurable Objective
Increase number of litter fine signs placed throughout district	Place additional litter fine signs at litter hotspots in district Coordinate with HQ on sign distribution to district	Conduct inventory and determine number of signs to place by 12/31/2021	Increased signs installed in district Strategic placement based on existing inventory and district litter hotspots

Public Education

Action	Implementation Task	Interim Milestone	Measurable Objective
Consider ideas to coordinate with Clean California and Caltrans DEA Stormwater Program public relations and media campaigns	Explore opportunities to coordinate with the Clean California and DEA Stormwater Program public relations campaigns, to share messages and encourage involvement in litter reduction efforts Utilize Caltrans District 7 existing social media accounts, such as Twitter and Instagram, to reach a large audience with campaign messages	Discuss partnership opportunities by 12/31/2021	Number of social media posts disseminated, and media impressions generated
Explore a local school outreach campaign for District 7	In coordination with/as part of the larger statewide Clean California and DEA Stormwater Program campaign, identify local school districts to disseminate anti-littering messages to K-6 grade levels	Compile school stakeholder list and prepare plan to reach out to schools	Number of schools and students targeted with information
Explore the opportunity to develop community partnership program to promote litter reduction efforts and engage in beautification activities	As feasible, coordinate with local agencies on interest in participating, by sharing messages and attending events together, and partnering in Caltrans efforts like Adopt-A-Highway or grants for local beautification projects Hold quarterly meetings with community partners over 3-year period	Compile list of potential community partners by 12/31/2021	Engage seven communities in partnership or beautification efforts

Public Education (cont'd)

Action	Implementation Task	Interim Milestone	Measurable Objective
Engage with local organizations and regulatory agencies to promote partnerships and information-sharing	Coordinate with organizations on interest in sharing messages and attending events together, and partnering in Caltrans efforts like Adopt-A-Highway	Hold second coordination meeting on 11/08/2021 to continue collaboration efforts	Increased dialogue and coordination with local organizations Hold quarterly meetings with community partners over 3-year period
Participate in coastal/local cleanup activities	Explore local cleanup events for participation by Caltrans staff, such as CA Coastal Cleanup Day	Participate in 2 events per year	Participate in 6 events over a 3-year period
Provide vouchers for free entry to dump locations	Develop plan that identifies methods to give away vouchers for a free dump entry	Develop plan by 10/31/2021	Track the number of vouchers distributed over a 3-year period
Clean up cigarettes	Develop plan to re-start contract with vendor for use of Butts Only Boxes at locations like park and rides and state recreation areas Explore opportunities to utilize the Refuse-to-Energy program	Establish 25 locations in Year 1 Establish 25 locations in Year 2 Sustain 50 locations in Year 3	Place 50 Butts-Only Boxes throughout district Track amount of energy generated from burning used cigarette butts

Beautification

Action	Implementation Task	Interim Milestone	Measurable Objective
Install On-System Beautification Projects	Review and prioritize 14 on-system projects for installation	Develop list of projects by October 2021	Deliver 8 projects in FY 2022 Deliver 6 projects in FY 2023
Install Local Beautification Projects	Coordinate with municipalities to fund beautification projects	Develop list of projects by 12/31/2021	Hold quarterly meetings with municipalities over a 3-year period Install 150 beautification projects Award 10 local grants for projects in Year 2 Award 10 local grants for projects in Year 3

DISTRICT 7 LITTER ABATEMENT PLAN SUMMARY

Full Trash Capture Devices

Action	Implementation Task	Interim Milestone	Measurable Objective
Continue to deploy full trash capture devices through SHOPP 335 BMP Retrofit Program, Asset Management Projects, and Capital Projects	Fully utilize the District 7 yearly 335 Stormwater allocation to meet or exceed performance measures (acres treated) associated with TMDL mandates	10 Year Annual Targets FY 2021-22 = 300 out of the allocated 620 acres toward full trash capture devices FY 2022-23 = 300 out of the allocated 620 acres toward full trash capture devices FY 2023-24 = 300 out of the allocated 620 acres toward full trash capture devices	10-year SHOPP Book Amount of litter removed by crews when maintaining devices. Amount of compliance acres delivered from the SHSMP allocation

Monitoring and Reporting

Action	Implementation Task	Interim Milestone	Measurable Objective
Obtain Stormwater regulatory compliance credits for increased maintenance efforts and full trash capture devices	Submit the Annual Stormwater Report, as required by the National Pollutant Discharge Elimination System (Stormwater) permit, capturing progress toward Trash TMDLs and Trash Provisions Track yearly trash capture quantities from maintenance of these devices	15% annual progress from Enhanced Maintenance Measures 620 annual acres of treatment provided by structural full trash capture devices	45% total progress toward meeting TMDL from Enhanced Maintenance Measures 3-year total of 1,860 acres of treatment provided by structural full trash capture devices
Provide transparency and accountability in meeting the Statewide measurable objectives required by Clean California	Develop dashboard to track progress toward trash removal quantities, hiring efforts, beautification projects, equity efforts, and job creation to meet the activity specific targets	Launch dashboard by 9/30/2021	Success of dashboard in rolling-up and tracking progress
Perform route inspections to demonstrate progress toward litter eradication along all routes	Trash Level of Service Monitoring will provide the framework for demonstration of the Clean CA measurable objectives associated with litter eradication as well assist in Stormwater compliance crediting toward State Water Resource Control Board mandates	Increase frequency of monitoring from yearly to quarterly	N/A
Reporting on plan implementation	Develop an annual report detailing achievement of milestones and objectives	Set up quarterly meetings with implementation team to track plan progress	Create annual report after Years 1, 2 and 3 of plan implementation



I-110 @ 28th Street
Model Project Event, 2021





Caltrans District 7