Statewide Needs Assessment Online Survey Report (2018)

Agency Name: Test

1. CONTACT INFORMATION

Contact Type	Salutation	Name	Title	Department	Address Line 1	Address Line 2	City	Zip Code	Email	Phone
Main Contact Person	Ms.									
Alternative Contact Person	Mr.									
Contact Person for Financial Data										
Alternative Contact Person for Financial Data										

2. STREETS AND PAVEMENTS

2.1 Pavement Management System and Pavement Distress Survey Procedures

1. Does your agency use Pavement Management System (PMS) software?
(Go to Question 1a if "Yes"; Go to Question 1b if "No".)

1a. Select your agency's PMS software:

Enter your agency's PMS software name (if "Other" is selected above):

1b. Select the reason your agency does not use a PMS:

Enter the reason your agency does not use a PMS (if "Other" is selected above):

2. What pavement distresses do you collect for Asphalt Concrete (AC)? If you collect distresses that are not listed below, please enter in the "Other AC Distresses" box.

1) Alligator Cracking	No
2) Block Cracking	No
3) Distortions	No
4) Long. & Trans. Cracking	No
5) Patch & Util. Cut Patch	No
6) Rutting/Depression	No
7) Weathering & Raveling	No

Other AC distresses your agency collects, if any:

3. Does your agency have Portland Cement Concrete (PCC) pavements?

If yes, what pavement distresses do you collect for PCC? If you collect distresses that are not listed below, please enter in the "Other PCC Distresses" box.

1) Corner Break	No
2) Divided Slab	No
3) Faulting	No
4) Linear Cracking	No
5) Patching & Utility Cuts	No
6) Scaling/Map Cracking/Crazing	No
7) Spalling	No

Other PCC distresses your agency collects, if any:

4. What other condition data do you collect?

Deflection	Used in rating/prioritization
Ride Quality e.g. International Roughness Index (IRI)	N/A
Friction	N/A
Drainage	Not used in rating/prioritization (inventory only)
Structure/Core	N/A
Complaints	N/A
Pavement Age	Used in rating/prioritization and at project level

Other condition data your agency collects, if any:

5. What is the scale of the pavement condition index/rating used (e.g. 0-100, A-F)?
Lowest possible rating(e.g. 0)

Highest possible rating(e.g. 100)

6. How much will you require annually to maintain existing conditions (e.g. if your current PCI is 70, indicate the annual funding required to maintain the pavement network at 70.)

$

7. Any notes you would like to add regarding your pavement distress survey procedures (e.g. collected by consultant, in-house, frequency of collection, etc.), or any comments/notes you have regarding any portion of this survey/your data:

8. Are larger/heavier vehicles (e.g. buses, refuse/recycling trucks, snow removal vehicles, etc) impacting pavement performance or your maintenance practices? If so, please explain the type of vehicles and how they impact performance:

2.2 Sustainable Pavement Practices

1. What sustainable pavement practices does your agency utilize?

Sustainable Pavement Practice	Does your agency utilize?	Unit Cost ($/sy)	Additional Costs or Savings	Percentage of Additional Costs or Savings
Use of Reclaimed Asphalt Pavement (RAP) in pavements				%
Cold In-place Recycling (CIR)				%
Hot In-place Recycling (HIPR)				%
Cold Central Plant Recycling				%
Warm Mix Asphalt				%
Permeable/Porous Pavements				%
Full Depth Reclamation (FDR)				%
Subgrade Stabilization				%
Rubberized Asphalt Concrete (RAC)				%
Pavement Preservation Strategies e.g. chip seals, fog seals, microsurfacing, cape seals				%
Other (please explain below)				%

if "Other" is used in the above table, please describe below:

2. Will you continue applying sustainable pavement practices?

3. If you do not employ sustainable practices, please indicate the reason(s) why (check all that apply):

1) High construction cost No
2) Lack of knowledge No
3) No local contractors No
4) No street/road candidates No
5) Other (please explain below) No

4. Other comments regarding sustainable pavement practices:

2.3 Inventory and condition Information

Functional Class/Road Type	Year of Last Inspection	Pavement Condition Rating (Weighted Average)	Center Line Miles	Lane Miles	Area(sq. yd.)	PCC (as % of the area)
Urban Major Roads						
Urban Residential/Local Roads						
Rural Major Roads						
Rural Residential/Local Roads						
Unpaved Roads						

2.4 Pavement Treatment Policy and Unit Costs

Urban Major Roads:

Pavement Treatment	PCI Range	Unit Cost ($/sq. yd.)
Do Nothing	70 - 100	
Preventive Maintenance (e.g. slurry, chip seal, cape seal)	70 - 69	
Thin overlay (e.g. less than or equal to 2 inches)	50 - 69	
Thick overlay (e.g. more than 2 inches)	25 - 49	
Reconstruction (e.g. remove & replace)	0 - 24	

Urban Residential/Local Roads:

Pavement Treatment	PCI Range	Unit Cost ($/sq. yd.)
Do Nothing	90 - 100	
Preventive Maintenance (e.g. slurry, chip seal, cape seal)	70 - 89	
Thin overlay (e.g. less than or equal to 2 inches)	50 - 69	
Thick overlay (e.g. more than 2 inches)	25 - 49	
Reconstruction (e.g. remove & replace)	0 - 24	

Rural Major Roads:

Pavement Treatment	PCI Range	Unit Cost ($/sq. yd.)
Do Nothing	90 - 100	
Preventive Maintenance (e.g. slurry, chip seal, cape seal)	70 - 89	
Thin overlay (e.g. less than or equal to 2 inches)	50 - 69	
Thick overlay (e.g. more than 2 inches)	25 - 49	
Reconstruction (e.g. remove & replace)	0 - 24	

Rural Residential/Local Roads:

Pavement Treatment	PCI Range	Unit Cost ($/sq. yd.)
Do Nothing	90 - 100	
Preventive Maintenance (e.g. slurry, chip seal, cape seal)	70 - 89	
Thin overlay (e.g. less than or equal to 2 inches)	50 - 69	
Thick overlay (e.g. more than 2 inches)	25 - 49	
Reconstruction (e.g. remove & replace)	0 - 24	

2.5 Complete Streets Policy

1. Has your agency adopted a "Complete Streets Policy"?
If your answer is "No" or "Don't know", skip this section. Please explain below why not if known.

2. What complete streets elements are included or assumed in the policy? Check all that apply.

- Bicycle facilities ☐
- Pedestrian facilities ☐
- Landscaping ☐
- Medians ☐
- Lighting ☐
- Roundabouts ☐
- Traffic Calming e.g. reducing lane widths ☐
- Signs ☐
- Curb Ramps ☐
- Transit elements ☐

Comments/Additional items:

3. Do you have other plans that incorporate these elements even if you do not have a Complete Streets policy?

4. What percentage of roads will have Complete Streets elements? (e.g. enter 10 for 10%)

%

5. What is the estimated average incremental costs to provide Complete Street enhancements ($/sq. yd) i.e. in addition to conventional costs?

$ /sq. yd

6. Do you have a representative project that included Complete Streeets elements that was recently constructed? If yes, please provide a brief description.

7. Do you anticipate more of these projects in the future? If so, approximately how many?

8. What are the major challenges you face in implementing a Complete Streets Policy? Check all that apply.

- Insufficient right-of-way ☐
- Trees/environmental features ☐
- Existing structures ☐
- Insufficient funding ☐
- Other (please explain) ☐

If "Other" is checked, please describe below:

9. Other comments or notes you would like to add regarding Complete Streets:

3. SAFETY, TRAFFIC AND REGULATORY COMPONENTS (as related to the road network)

Category	Inventory (Quantity)	Unit	Total Replacement Cost	Accuracy
Storm Drains - pipelines		mile		
Other elements e.g. manholes, inlets, culverts, pump stations etc		ea		
Curb and gutter		ft		
Pedestrian facilities: Sidewalk (public)		sq. ft.		
Other pedestrian facilities, e.g. over-crossings		ea		
* Bicycle facilities: Class I bicycle path		mile		
Other bicycle facilities, e.g. bike shelters/lockers, etc.		ea		
Curb ramps		ea		
Traffic signals		ea		
Street Lights		ea		
Sound Walls/Retaining walls		sq. ft.		
Traffic signs		ea		
Tunnels		ft		
Other physical assets or expenditures that constitute >5% of total non-pavement asset costs e.g. heavy equipment, corporation yards etc. Note: Do NOT include bridges (handled separately)		ea		

4. REGULATORY REQUIREMENTS

Does your agency have additional regulatory requirements such as Americans with Disabilities Act (ADA), National Pollutant Discharge Elimination System (NPDES) requirements or Traffic Sign Retroreflectivity?

If you answered "Yes" above, please fill out the table at the bottom of this page. Otherwise, skip this section.

May we contact you if we have follow-up questions?

Additional comments regarding "Additional Regulatory Requirements":

Regulatory Requirements	Do you track costs separately?	Estimated 10-Year Needs	Estimated 10-Year Expenditures	Accuracy

5. FUNDING AND EXPENDITURE DATA

5.1 Actual/Estimated Revenues for Pavement-Related Activities

Funding Source	Type	Amount (FY16/17)	Amount (FY17/18)	Annual Average (FY18/19 to 27/28)

5.2 Actual/Estimated Revenues for Safety, Traffic & Regulatory Components

Funding Source	Type	Amount (FY16/17)	Amount (FY17/18)	Annual Average (FY18/19 to 27/28)

5.3 Expenditures on Pavements

Name	Amount (FY16/17)	Amount (FY17/18)	Annual Average (FY18/19 to 27/28)
Preventive Maintenance e.g. crack seals, slurry seals etc			
Rehabilitation & reconstruction e.g. overlays			
Other (pavement related)			
Other Operations & Maintenance (non-pavement related e.g. vegetation, cleaning ditches, sweeping, markings, signs, etc.)			

Of the totals reported above, what percentages are due to "Sustainable Pavement Practices", "Complete streets Policy" and "Additional Regulatory Requirements"? Enter in table below.

Name	% of Amount (FY16/17) Total	% of Amount (FY17/18) Total	% of Annual Average (FY18/19 to 27/28) Total
Sustainable Pavement Practices			
Complete Streets Components			
Additional Regulatory Requirements			

5.4 Expenditures on Safety, Traffic & Regulatory Components

Name	Amout (FY16/17)	Amount (FY17/18)	Annual Average (FY18/19 to 27/28)
Storm Drains - pipelines			
Other elements e.g. manholes, inlets, culverts, pump stations etc			
Curb and gutter			
Pedestrian facilities: Sidewalk (public)			
Other pedestrian facilities, e.g. over-crossings			
* Bicycle facilities: Class I bicycle path			
Other bicycle facilities, e.g. bike shelters/lockers, etc.			
Curb ramps			
Traffic signals			
Street Lights			
Sound Walls/Retaining walls			
Traffic signs			
Tunnels			
Other physical assets or expenditures that constitute >5% of total non-pavement asset costs e.g. heavy equipment, corporation yards etc. Note: Do NOT include bridges (handled separately)			

Of the above total expenditures, what percentages are due to a "Complete Streets Policy"?

Name	% of Amount (FY16/17) Total	% of Amount (FY17/18) Total	% of Annual Average (FY18/19 to 27/28) Total
Complete Streets Components			

5.5 Financial Questions

1. What innovative methods is your agency doing to “stretch” the dollar? e. g. new technologies, use of recycling techniques, partnering with other agencies for lower bids, preventive maintenance, etc.

2. Are there new revenues sources that your agency is considering?

3. Is there a city/county wide sales tax solely for transportation?

4. Is there a city/county wide sales tax that is partially used for transportation?

5. If you answered "Yes" above, please describe how it is used.
(e.g. local match for highways, local streets & roads only, transit, etc).

6. NON-HIGHWAY NHS ROADS

The table below lists the non-highway NHS roads in your agency as listed in http://dot.ca.gov/hq/tsip/hseb/nhs.html. Please provide any additional information you may have. This will be used to determine the maintenance needs.

	Street	From	To	Length (ft)	Width (ft)	Area (sf)	Posted Speed Limit (mile/hour)	IRI (in/mile)	PSR (1-5)	Cracking (%)	PCI (0-100)	Surfac
Edit	VALLEY WAY	SHW 60	34TH ST	1250								
Edit	VAN BUREN BLVD	ETIWANDA AVE	.02 N/SANTA ANA RIVER									

If there are additional non-highway NHS roads that are not listed above, use the table below to add:

	Street	From	To	Length (ft)	Width (ft)	Area (sf)	Posted Speed Limit (mile/hour)	IRI (in/mile)	PSR (1-5)	Cracking (%)	PCI (0-100)	Surface Type	Rutting (in)	Faulting (in)
Save Clear														

First Previous Next Last

If you have this information in an Excel file, you may upload it instead of filling out this table

Browse... Upload

7. Training and Technical Needs (Optional)

Purpose and summary of questions

This voluntary survey asks for your input regarding what you see as your agency's needs for pavement-related training and other forms of technical support, and some specific questions about your agency's pavement management, design, construction and maintenance practices. Your answers to these questions will be used to set the priorities and direction for the training, support and research program of the recently formed City and County Pavement Improvement Center.

The questions will require knowledge of technical issues. The questions are grouped by expertise area. The questions only require knowledge of needs and practices, and none of the questions require data or other detailed information.

Please answer as many questions as possible, even partial input will be very helpful.

Question 1: Needs and priorities

Who should answer: technical staff in charge of pavements, may require asking across different departments involved with pavements.

Q1: Please fill in the top four areas for which your agency could use training, technical support, pilot implementation support, technical guidance, example specifications or research and development regarding maintaining your road network? For each issue indicate what type of support you are looking for.

1.
2.
3.
4.

Questions 2 through 7: Pavement management practices

Q2: Does your agency apply maintenance (preservation) treatments prior to the appearance of extensive distress on the pavement surface as a standard practice?

No
Comments

Q3: Does your agency select treatments primarily based on Pavement Condition Index (PCI)? No
Other criteria for selecting treatments?

Q4a: For asphalt surfaced pavements that handle heavy traffic (buses, trucks) other than garbage trucks what is the typical preservation or maintenance treatment that you would use for each of these cases?
If heavily cracked
If moderately cracked
If no cracking but showing signs of aging

Q4b: How many preservation or maintenance treatments do you typically do before you do a rehabilitation? (fill in number)

Q5a: For your asphalt surfaced pavements that do not handle heavy vehicle traffic other than garbage trucks what is the typical preservation or maintenance treatment that you would use for each of these cases?
If heavily cracked
If moderately cracked
If no cracking but showing signs of aging

Q5b: How many preservation or maintenance treatments do you typically do before you do a rehabilitation (fill in number)?

Q6: Does your agency routinely consider use of recycling treatments for your asphalt pavements such as cold in-place recycling (CIR), Cold Central Plant Recycling (CCPR), subgrade stabilization or full-depth reclamation (FDR) in your treatment selection process for pavements with extensive cracking? No
Comments

Q7: Has your agency done life cycle cost analysis (LCCA) to evaluate the timing and selection of your preservation, maintenance and rehabilitation treatments included in your PMS decision trees? No
Comments

Questions 8 through 15: Pavement materials and construction specifications

Who should answer: technical staff in charge of pavement materials and construction quality management.

Q8: Does your agency allow supplementary cementitious materials to replace cement in your concrete for pavement, gutters and sidewalks?

Comments

Q9: Does your typical specification include a required minimum cement content in your concrete for pavement, gutters and sidewalks?
Comments

Q10: Does your typical specification language require measurement of density on compacted asphalt in the field using cores or calibrated nuclear gauges?
Comments

Q11: Who does your agency use to monitor asphalt compaction in the field? Other?

Q12: Does your agency assess penalties on the contractor for poor asphalt compaction based on measured in place densities?
Comments

Q13: Does your agency offer any incentives for contractors to meet or exceed the asphalt compaction standard?
Comments

Q14: How would you rate your agency satisfaction that adequate asphalt compaction is being achieved?

Q15: Do you allow the use of recycled asphalt pavement (RAP) in your asphalt mixes?
If Yes, maximum percentage? %
Comments
Save Reset

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