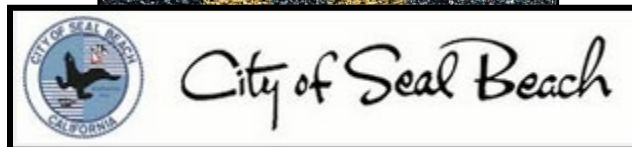
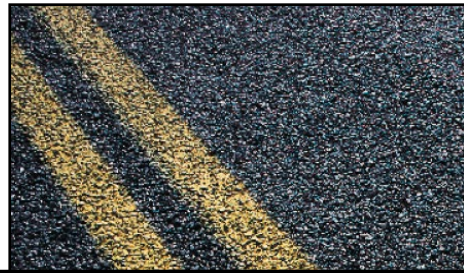


FINAL REPORT

UPDATED CITYWIDE PAVEMENT MANAGEMENT PLAN

***OC Go
2022-2029***



Submitted to:

***City of Seal Beach, CA
June, 2022***



June, 2022

Mr. David Spitz, PE
Associate Engineer
CITY OF SEAL BEACH
211 Eight Street
Seal Beach, CA 90740

Subject: City of Seal Beach – OCTA Pavement Management Compliance Report 2022

Dear David:

As part of the 2022 Update of the Pavement Management Plan (PMP) for the City of Seal Beach, *Bucknam Infrastructure Group, Inc.* is pleased to submit the PMP reporting required by the Orange County Transportation Authority (OCTA). This data/report will be submitted to OCTA as part of the City's required biennial PMP prior to June 30, 2022.

The information contained in this report was used to develop the recommended improvement program for the pavement network. The report covers the following categories:

- **Pavement Management Plan Certification**
- **Quality Assurance / Quality Control (QA/QC) Plan**
- **Pavement Management Data Files (electronic Seal Beach.e70 file format)**
- **Pavement Management Plan that includes the following:**
 - **Average Pavement Conditions For Each Segment in the Network (PCI Report)**

The Pavement Condition Index report shows the present condition of each street in the pavement network (Arterials and Locals). In addition, the report shows the basic geometry of each street segment.
 - **Seven-year Projected PCI Under Existing Funding Levels**

This report identifies the projected PCI's based on the local agencies current funding programs. This report details the PCI projects for the entire network, Master Plan of Arterial Highways (MPAH) roadways and Local streets.
 - **Seven-year Plan for Road Maintenance and Rehabilitation (Forecasted Maintenance Report)**

The Forecasted Maintenance Report projects the street maintenance activities required for the next seven years, broken down to show maintenance levels for all streets. This includes all scheduled projects provided by the City for fiscal years 2022 through 2029.

- **Alternative Funding Levels**

OCTA has requested two reports indicating the necessary funding to maintain the City's current weighted average PCI as well as the necessary funding to improve the weighted average PCI by one PCI point over the next seven years.

- **Backlog by Fiscal Year (re: unfunded restoration, rehabilitation and reconstruction)**

- **Percentage of total network in each of the five condition categories based on centerline mileage**

- **Local Match Reduction Reporting**

❖ In order to be eligible for Local Match Reduction of 10%, the following must be submitted:

- Measurable improvement of paved road conditions during the previous reporting period defined as an overall weighted (by area) average system improvement of one PCI point.
- No reduction in the overall weighted (by area) average PCI in the MPAH or local street categories
 - or -
- Have road pavement conditions, for the overall network, during the previous reporting period within the highest twenty (20%) of the scale for road pavement conditions in conformance with OCTA Ordinance No. 3, defined as a PCI of 75 or higher, otherwise defined as in "good condition".

These reports will be submitted to the City of Seal Beach as part of the biennial Pavement Management Plan that is due prior to June 30, 2022. These reports will be packaged in a way that it will be easy for staff to review.

All comments received from the City have been incorporated in the reports that follow. All of the City's issues and needs that were brought to our attention are included in the report. It has been a pleasure working with you and the City on updating your Pavement Management Plan. We look forward to the continued success of this project and future teamwork with City staff.

Sincerely,

Bucknam Infrastructure Group, Inc.



Peter J. Bucknam
Project Manager
Infrastructure Management – GIS Services



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www.bucknam-inc.com

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CITY OF SEAL BEACH PAVEMENT MANAGEMENT PLAN

- part of -

**COUNTYWIDE PAVEMENT MANAGEMENT PLAN GUIDELINES
(OCTA Guideline – April 2020)**

Prepared by: Bucknam Infrastructure Group, Inc.
Submitted to OCTA: June 30, 2022



**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

I. Pavement Management Plan Certification

The City of Seal Beach, CA certifies that it has a Pavement Management Plan in conformance with the criteria stated in the Orange County Transportation Authority Ordinance No. 3. This ordinance requires that a Pavement Management Plan be in place and maintained to qualify for allocation of revenues generated from renewed Measure M (M2).

The plan was developed by Bucknam Infrastructure Group, Inc. using MicroPAVER, a pavement management system conforming to American Society for Testing and Materials (ASTM) Standard D6433, and contains, at a minimum, the following elements:

- Inventory of MPAH and Local routes reviewed and updated biennially. The last update of the inventory was completed on April, 2022 for the Arterial (MPAH) and April 2022 for the Local streets;
- Assessment of the pavement condition for all routes in the system, updated biennially. The last field review of the pavement condition was completed in April, 2022;
- Percentage of all section of pavement needing:
 - Preventive Maintenance = 29.9%;
 - Rehabilitation = 26.1%;
 - Reconstruction = 1.6%
- Budget needs for preventive maintenance, rehabilitation and/or reconstruction of deficient sections of pavement for:
 - Current biennial period \$2,800,000;
 - Following biennial period \$2,850,000;
- Funds budgeted or available for Preventive Maintenance, Rehabilitation and/or Reconstruction.
 - Current biennial period \$2,350,000;
 - Following biennial period \$2,300,000;
- Backlog by year of unfunded rehabilitation, restoration and reconstruction needs (See page 9);
- The Pavement Management Plan is consistent with countywide pavement condition assessment standards as described in the OCTA Countywide Pavement Management Plan Guidelines adopted by the OCTA Board of Directors.

*An electronic copy of the Pavement Management Plan (with MicroPAVER or StreetSaver compatible files) has been or will be submitted with the certification statement. A copy of this certification is being provided to the Orange County Transportation Authority.

Submitted by:

Name (Print)

City of Seal Beach
Jurisdiction

Signed

Date

Director of Public Works
Title

II. EXECUTIVE SUMMARY

2022 UPDATE OF PAVEMENT MANAGEMENT PLAN (PMP)

As the City of Seal Beach’s infrastructure continues to mature Public Works priorities such as Local street overlay rehabilitation and proactive Arterial CIP maintenance are key projects to City staff. With the City mostly built-out, wear and tear on the infrastructure will occur at an ever-increasing rate. Pavement aging through annual weathering, dynamic and static vehicle loading, and increased usage, compounded with the increased cost of performing maintenance and rehabilitation, add to the yearly operational budget of the pavement network. System sustainability can only be achieved through proactive scheduling and the implementation of cost-efficient pavement applications.

During future biennial PMP studies, as the City continues to manage the PMP through future inspections and maintenance work history, Seal Beach pavement data will continue to provide reliable data. This will enhance the PMP through detailed Orange County Transportation Authority (OCTA) OC Go funding analysis, City specific budgetary reporting and level of service reporting.

The 2022 Seal Beach PMP has been developed to assist City personnel by providing current data on the City’s street network and to develop cost-effective maintenance strategies to maintain a desirable level of pavement performance on a network scale, while optimizing the expenditure of limited fiscal resources. The project consisted of analyzing the City’s previous dataset for quality and usability. In doing this, we were tasked to generate an updated Capital Improvement Program report that identified recommendations and deficiencies in the current operating and maintenance efforts put forth by the City.

We surveyed all designated arterial, collector (MPAH) and local routes this past winter to assist the City in being compliant with OCTA – OC Go April 2020 guidelines. Additionally, we updated the City’s unique Pavement Management – GIS layer that will continue to assist the City in analyzing pavement conditions and other attribute information through the use of ESRI ArcMap.

Bucknam Infrastructure Group reviewed the City’s previous maintenance efforts and the current 2021-22 proposed street improvements for pertinent pavement information in order to generate a CIP report that identified recommendations and opportunities for improvement in the current operating and maintenance efforts put forth by the City. The result of these work efforts is this report.

The City issues permits to 3rd party utilities to make necessary improvements to their facilities located underground in City Streets. Currently, there is an unprecedented amount of outside agency construction related permit work on Seal Beach Streets.

1. The streets that are under OCTA permitted work;
 - a. Almond Avenue from Dahlia to Teabury (which includes a small section of Oleander from Almond to Almond, just east of the park)
 - b. Old Ranch Parkway – 740’ west of Seal Beach Blvd to end
 - c. Lampson Avenue from Old Ranch Plaza to Basswood
 - d. Seal Beach Blvd from Old Ranch Parkway to Lampson Ave
 - e. North Gate Road from Seal Beach Blvd to 1857’ west of Seal Beach Blvd

**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

2. The streets that are under OCSD permitted work:
 - a. Westminster Ave from Seal Beach Blvd to Bolsa Chica Road

These permits are multi-year permits, damaging miles of roadway while work is ongoing. Normally, the permittees will be required to repair any damages in asphalt or concrete paving once the permitted work is complete. Until repair efforts conclude however, miles of the City's road network is impacted. And as such, any observed PCI Rating of these roadways in their current state would not accurately depict the roadways true pavement condition rating.

**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

III. BACKGROUND (CITY OF SEAL BEACH)

In late 1990, voters throughout Orange County approved a ½-cent sales tax for transportation improvements known as OC Go, formerly known as Measure M2. Funding for streets and roads are included within the sales tax and are distributed to local agencies through both formula and a competitive method. In late 2006, the renewal of OC Go was approved by voters that would continue the ½-cent sales tax for thirty additional years, starting in 2011.

The primary goal of this report is to comply with established guidelines from OCTA to ensure that field data collection and reporting efforts performed by outside consultants or local agency staff are consistent. This is required in order that funding allocations can be reviewed and based on agency comparable pavement conditions. Specifically, our findings and recommendations provide Public Works administrators, managers and field personnel with:

- * *PMP report consistent with OCTA OC Go guidelines*
- * *the present condition status of the pavement network (arterial, collector, residential and industrial streets), as a whole and of any grouping or individual component within the City;*
- * *a ranked list of all streets, or segments of streets, by condition within the network;*
- * *rehabilitation/maintenance needs of each street segment by year;*
- * *an optimized priority maintenance and rehabilitation program based on cost/benefit analysis and various levels of funding;*
- * *optimum annual pavement expenditure levels for pavement maintenance for the next seven (7) years;*
- * *prediction of the life-cycle performance of the City's pavement network and each individual street section; and*
- * *pavement condition data and analysis presented in GIS through ESRI ArcMap*

Pavement is a dynamic structure where deterioration is constantly occurring; thus the pavement management system needs to be updated on a regular basis to reflect these changes in pavement conditions, pavement maintenance histories, and maintenance strategies based upon budgetary constraints. In our approach to develop the City's forecasted maintenance recommendations we worked with Seal Beach Public Works/Engineering staff in identifying unit costs for all maintenance practices used on an annual basis. Currently, based upon the City's maintenance practices and their associated unit costs, the total replacement value of the Seal Beach pavement network is \$95,089,800. This value clearly indicates that the City's pavement network is the most valuable and essential asset to Seal Beach. The City's use of slurry seal, AC Overlay and reconstruction practices are typically applied at a five year, ten year and 25 year frequency respectively. These frequencies are typical but the City may see increases in deterioration rates due to environmental, load and high average daily traffic (ADT) volumes. For example, high ADT volumes along one of Seal Beach's arterial streets will increase deterioration rates for a previously applied AC Overlay compared to a small local street. These deterioration rates are monitored through frequent inspections and functional class deterioration analysis within the City's PMP database.

FINDINGS AND RECOMMENDATIONS

Through our assessment of historical maintenance performed within the City and through our discussions with City staff the conditional data found across the network clearly shows that the City has applied strong, preventative maintenance strategies over the past decade. Pavement management involves frequent preventative maintenance; as pavement deteriorates through heavy traffic impacts, weathering and time, preventative maintenances (such as slurry seal, stop gap, etc.) have limited benefits. More aggressive maintenance applications have to be used.

Our study has shown that key slurry seal and a strong Arterial & Local overlay programs will be needed over the next seven years to maintain the network's high level of condition. Currently, the City's two major streets networks (Local & Arterial) hold high weighted PCI values; it is our recommendation that a proactive, common sense overlay program and a continued slurry seal program be scheduled over the next several fiscal years. This will ensure that the citywide weighted PCI will sustain itself and allow for routine slurry seal maintenance to continue. Additionally, through this overlay program it is our recommendation that the MPAH network receive a higher amount of overlay funding.

We have found and recommend the following detailed items which should be reviewed and considered for a proactive approach to the future management of the PMP:

ARTERIAL / COLLECTOR (MPAH) FINDINGS AND RECOMMENDATIONS

The actual workload requirements identified indicate that the Arterial (MPAH) street network is currently in "Fair" condition (PCI of 73.8). To maintain this condition, it is critical that preventive maintenance and overlay activities are funded at the levels identified on page 9 to maintain a "Fair" network weighted average PCI value. Our MPAH findings for conditional data and recommendations for revenue expenditures are shown below:

- The MPAH network has a weighted PCI of 73.8
- The MPAH network consists of 19.6 centerline miles and 3,813,480 SF of pavement;
- Currently, 58% of the MPAH network (11.3 centerline miles) qualify for rehabilitation/reconstruction maintenance;
- At a minimum, MPAH maintenance projects should focus on the increasing the current PCI at a weighted average of 73.8 to 77 over the next 7 years;
 - Increase the MPAH revenues at an average annual level of \$1,750,000/yr for the term of the CIP to generate the recommended PCI;
- Continue to implement a proactive fiscal and planned approach to identify MPAH overlay projects based on the deterioration modeling within MicroPAVER;
 - Demonstrated budget shown on page 10 is ample to increase the MPAH weighted PCI of 73.8 to 74.6 after seven years, however, the citywide deferred backlog increases from a

level of \$7.5 million to \$9.9 million after seven years;

- Continue to perform pavement inspections on the MPAH network every two years to build a solid planning model within MicroPAVER to track PCI deterioration; also follows new OCTA guidelines for OC Go.

LOCAL FINDINGS AND RECOMMENDATIONS

The actual workload requirements identified indicate that the Local street network is currently in “Very Good” condition. To maintain this condition, it is critical that preventive maintenance and overlay activities are funded at the levels identified on page 9 to maintain a “Good” network weighted average PCI value. Our Local network findings for conditional data and recommendations for revenue expenditures are shown below:

- The Local network has a weighted PCI of 83.2;
- The Local network consists of 29.8 centerline miles and 5,527,247 SF of pavement;
- Currently, 27% of the Local network (7.9 centerline miles) qualifies for slurry seal/stop gap maintenance; 23% of the Local network (6.7 centerline miles) qualify for rehabilitation/reconstruction maintenance;
- At a minimum, Local maintenance projects should focus on the maintaining the current PCI above a weighted average of 82 over the next 7 years;
 - Maintain the Local revenues at a average annual level of \$515,300/yr for the term of the CIP to generate the PCI identified on page 9;
- Continue to implement a proactive fiscal and planned approach to identify local overlay projects based on the deterioration modeling within MicroPAVER;
 - Demonstrated budget shown on page 10 is ample to increase the Local weighted PCI average above 83 after seven years, however, the citywide deferred backlog increases from a level of \$7.5 million to \$9.9 million after seven years;
- Continue to perform pavement inspections on the Local network every four years to build a solid planning model within MicroPAVER to track PCI deterioration; also follows new OCTA guidelines for OC Go.

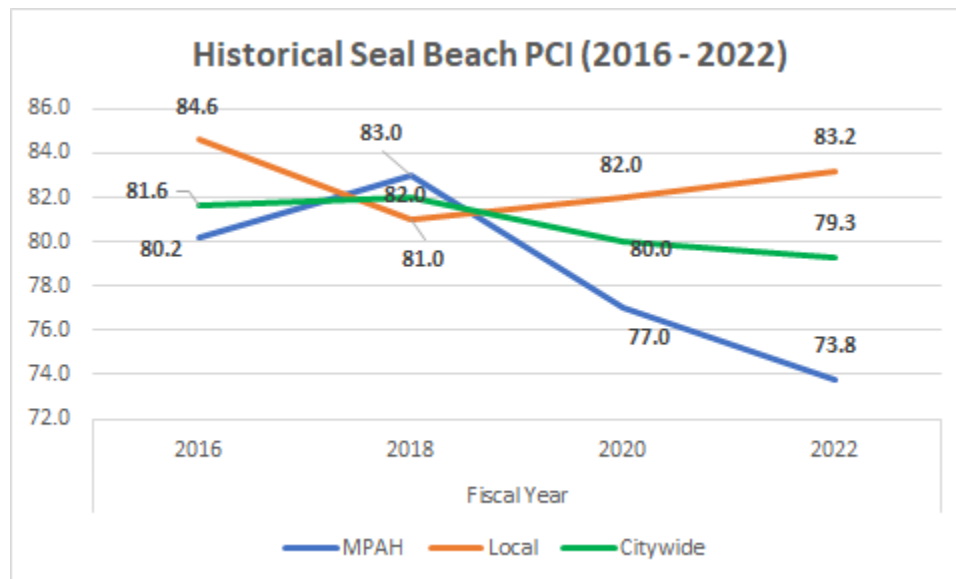
2022 Citywide Pavement Management Plan – OCTA Submittal Final Report – June, 2022

IV. CURRENT PAVEMENT CONDITIONS (PCI)

Rank	Fiscal Year			
	2016	2018	2020	2022
MPAH	80.2	83.0	77.0	73.8
Local	84.6	81.0	82.0	83.2
Citywide	81.6	82.0	80.0	79.3

Rank	PCI	Mi.	SF
MPAH	73.8	19.6	3,813,480
Local	83.2	29.8	5,527,247
Citywide	79.3	49.4	9,340,727

Table above depicts centerline mileage

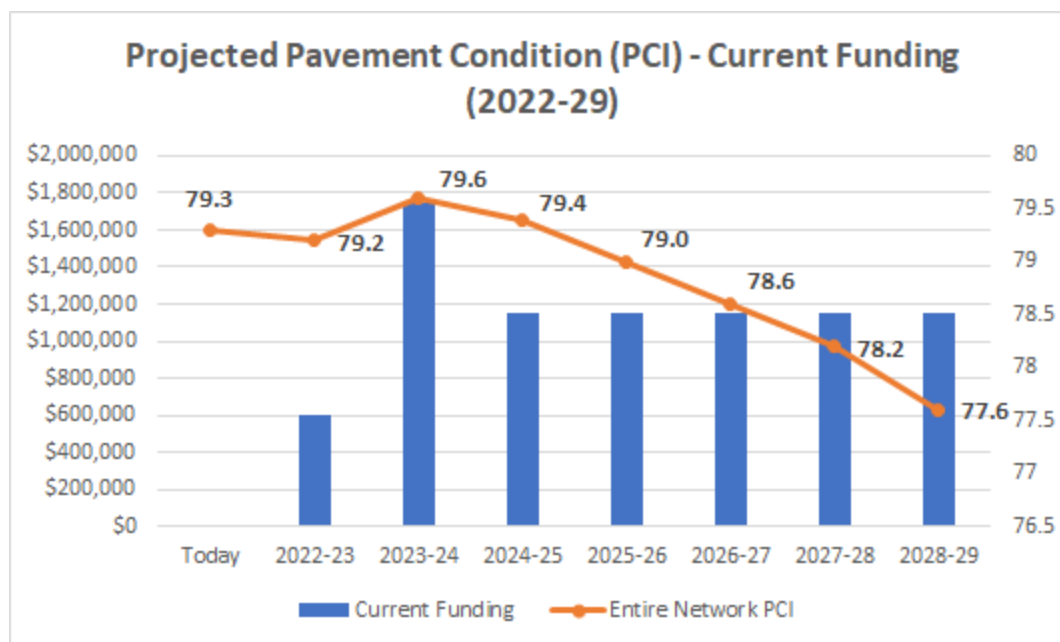


Condition	PCI Range	MPAH	Locals	Total Mi.	% of Network
Very Good	(86-100)	5.4	15.2	20.6	41.2%
Good	(75-85)	5.1	9.9	15.0	29.9%
Fair	(60-74)	6.2	3.5	9.6	19.3%
Poor	(41-59)	2.2	1.2	3.4	6.8%
Very Poor	(0-40)	0.8	0.0	0.8	1.6%
		19.6	29.8	49.4	

**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

V. PROJECTED PAVEMENT CONDITIONS (PCI) – CURRENT FUNDING

FY	Current Funding	Entire Network PCI	MPAH Network PCI	Local Network PCI
Today		79.3	73.8	83.2
2022-23	\$600,000	79.2	73.5	83.0
2023-24	\$1,750,000	79.6	74.1	83.3
2024-25	\$1,150,000	79.4	74.0	83.1
2025-26	\$1,150,000	79.0	73.5	82.8
2026-27	\$1,150,000	78.6	73.0	82.5
2027-28	\$1,150,000	78.2	72.7	82.2
2028-29	\$1,150,000	77.6	72.4	81.9
	\$8,100,000			



**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

VI. ALTERNATIVE FUNDING LEVELS

Maintain Existing Average Network PCI

FY	Maintain Funding	Entire Network PCI	MPAH Network PCI	Local Network PCI
Today	~	79.3	73.8	83.2
2022-23	\$1,267,200	81.3	74.8	83.6
2023-24	\$1,266,700	81.3	74.9	83.5
2024-25	\$1,265,400	81.1	74.7	83.4
2025-26	\$1,265,200	80.8	74.3	83.2
2026-27	\$1,266,600	80.6	74.2	83.2
2027-28	\$1,265,800	79.7	73.9	83.0
2028-29	\$1,264,500	79.1	73.6	82.8
	\$8,861,400			

Improve Average Network PCI

FY	PCI Increase Funding	Entire Network PCI	MPAH Network PCI	Local Network PCI
Today	~	79.3	73.8	83.2
2022-23	\$1,375,000	81.4	74.9	83.7
2023-24	\$1,425,000	81.5	75.0	83.8
2024-25	\$1,425,000	81.4	74.9	83.6
2025-26	\$1,425,000	81.4	74.9	83.6
2026-27	\$1,425,000	81.0	74.7	83.5
2027-28	\$1,425,000	81.0	74.7	83.5
2028-29	\$1,425,000	80.7	74.6	83.8
	\$9,925,000			

**2022 Citywide Pavement Management Plan – OCTA Submittal
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VII. CURRENT AND PROJECTED BACKLOG BY YEAR OF PAVEMENT MAINTENANCE NEEDS

Fiscal Year	Current Funding Backlog	Maintain Funding Backlog	Increase PCI Backlog
Current	\$7,451,300	\$7,451,300	\$7,451,300
2022-23	\$8,832,900	\$8,450,300	\$8,388,400
2023-24	\$8,893,100	\$8,839,400	\$8,701,300
2024-25	\$9,299,400	\$9,251,600	\$9,005,600
2025-26	\$9,512,400	\$9,307,000	\$8,955,300
2026-27	\$10,478,300	\$10,414,200	\$9,855,700
2027-28	\$10,755,800	\$10,539,900	\$10,010,400
2028-29	\$11,701,200	\$11,430,100	\$9,874,300

DEFERRED MAINTENANCE

Delaying repairs on streets where pavement conditions indicate a need generates deferred maintenance or “backlog”. Deferred maintenance is work that is postponed to a future budget cycle, or until funds are available. As maintenance is deferred, the opportunity to apply preventive, life extending pavement treatments is forfeited and the ultimate cost of rehabilitation multiplies (i.e. slurry seal costs to overlay costs). By using the City’s pavement maintenance applications and their associated unit costs, when a budgetary model is exercised within the PMP software the amount of deferred maintenance is calculated. Based upon the available budget applied to the model, deferred maintenance will increase or decrease.

As maintenance is deferred, the opportunity to apply life extending preventive pavement applications is lost and the ultimate cost of rehabilitation multiples.

In the case of Seal Beach, the City’s actual/current budget will increase the amount of deferred maintenance on both the Arterial and Local networks through FY 2029. The high amount of overlay work on the Arterial and Local program continues to generate high amounts of deferred maintenance.

VIII. CENTERLINE MILEAGE

Rank	PCI	Mi.	SF
MPAH	73.8	19.6	3,813,480
Local	83.2	29.8	5,527,247
Citywide	79.3	49.4	9,340,727

**2022 Citywide Pavement Management Plan – OCTA Submittal
Final Report – June, 2022**

**IX. PERCENTAGE OF NETWORK IN EACH OF FIVE CONDITION CATEGORIES
BASED ON CENTERLINE MILES**

Condition	PCI Range	Network	Percent Area of Total Pavement	Area of Pavement (SF)	Percent Centerline Mi. of Network	Centerline Mileage of Network
Very Good	(86-100)	MPAH	10.6%	986,855	10.9%	5.4
		Local	29.3%	2,737,804	30.8%	15.2
Good	(75-85)	MPAH	10.9%	1,020,720	10.3%	5.1
		Local	20.6%	1,922,325	19.9%	9.8
Fair	(60-74)	MPAH	13.9%	1,298,647	12.5%	6.2
		Local	6.8%	632,982	7.0%	3.5
Poor	(41-59)	MPAH	4.2%	394,413	4.5%	2.2
		Local	2.5%	228,886	2.5%	1.2
Very Poor	(0-40)	MPAH	1.2%	112,845	1.6%	0.8
		Local	0.1%	5,250	0.1%	0.0

X. REDUCTION IN M2 LOCAL MATCH

A local agency match reduction of 10% of the eligible cost for projects submitted for consideration of funding through the M2 Comprehensive Transportation Funding Programs (CTFP) call for projects is available if the local agency either:

- a. Shows measurable improvement of paved road conditions during the previous reporting period defined as an overall weighted (by area) average system improvement of one Pavement Condition Index (PCI) point with no reduction in the overall weighted (by area) average PCI in the Master Plan of Arterial Highways (MPAH) or local categories:

or

- b. Have road pavement conditions during the previous reporting period, within the highest 20% of the scale for road pavement conditions in conformance with OCTA Ordinance No. 3, defined as a PCI of 75 or higher, otherwise defined as in “good condition”.

Road conditions found through our 2022 PMP management study shows that the City is eligible for Local Match Reduction based on the current network weighted PCI of 79.3 (system currently has a weighted PCI over 75).

**XI. APPENDIX A – SEVEN YEAR ROAD MAINTENANCE AND REHABILITATION
PLAN BASED ON CURRENT OR EXPECTED FUNDING LEVEL**

City of Seal Beach, CA
Forecast Maintenance Report (FMR) - FY 2022-29

Sorted by FY, Rank, Name Order (A-Z)

FY	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total\$
		MPAH																
2022-23	500	LAMPSON AV	SEAL BEACH BLVD	OLD RANCH PLAZA	Secondary	AAC	6	2	A	640	25	21,806	51	15	81	4	ARHM	\$82,863
2022-23	505	LAMPSON AV	OLD RANCH PLAZA	SEAL BEACH BLVD	Secondary	AAC	6	2	A	670	25	20,457	54	47	39	14	ARHM	\$77,737
2022-23	510	LAMPSON AV	OLD RANCH PLAZA	735' W/ BASSWOOD ST	Secondary	AAC	6	2	A	1,930	30	56,106	50	26	56	18	ARHM	\$213,203
2022-23	515	LAMPSON AV	735' W/ BASSWOOD ST	OLD RANCH PLAZA	Secondary	AAC	6	2	A	1,890	30	55,127	71	36	36	28	AC Overlay	\$207,829
																		\$581,631
2023-24	104	ELECTRIC AV SB	6TH ST	MAIN ST	Secondary	AC	1	1	C	910	25	22,750	58	26	58	16	AC Overlay	\$76,213
2023-24	105	ELECTRIC AV SB	MAIN ST	12TH ST	Secondary	AAC	1	1	C	960	26	24,960	34	23	77	0	ARHM	\$97,594
2023-24	106	ELECTRIC AV SB	12TH ST	14TH ST	Secondary	AAC	1	1	C	615	26	15,990	35	25	71	4	ARHM	\$62,521
																		\$236,327
2024-25	21	1ST ST	PCH	597' NE/PCH	Primary	AC	1	2	A	597	24	14,328	35	35	52	13	ARHM	\$57,742
2024-25	258	1ST ST	MARINA DR	WELCOME LN	Primary	AC	1	2	A	1,015	29	30,540	35	34	66	0	ARHM	\$123,076
2024-25	259	1ST ST	WELCOME LN	PCH	Primary	AC	1	2	A	1,117	29	40,578	49	40	55	5	ARHM	\$163,529
2024-25	350	1ST ST	PCH	WELCOME LN	Primary	AC	1	2	A	1,136	29	33,838	44	39	56	5	ARHM	\$136,367
2024-25	351	1ST ST	WELCOME LN	MARINA DR	Primary	AC	1	2	A	1,028	29	30,317	47	40	59	1	ARHM	\$122,178
2024-25	333	6TH ST	ELECTRIC AV SB	MARINA DR	Secondary	AAC	1	2	C	182	36	6,355	49	40	60	0	ARHM	\$25,611
																		\$628,503
2025-26	615	SEAL BEACH BL	HERON POINTE	BOLSA AV	Major	AC	6	3	A	2,082	42	90,384	66	28	57	15	AC Overlay	\$320,863
2025-26	660	SEAL BEACH BL	WESTMINSTER BL	ST ANDREWS DR	Major	AC	6	3	A	1,016	40	42,790	56	42	45	13	ARHM	\$177,579
2025-26	665	SEAL BEACH BL	ST ANDREWS DR	WESTMINSTER BL	Major	AC	6	3	A	1,016	40	49,616	44	31	68	1	ARHM	\$205,906
2025-26	640	SEAL BEACH BL	APOLLO DR	ROAD C	Major	AC	6	3	A	1,765	40	82,880	60	25	21	54	AC Overlay	\$294,224
2025-26	710	SEAL BEACH BL	OLD RANCH PKY	LAMPSON AV	Major	AC	6	3	A	848	46	49,325	62	59	40	1	AC Overlay	\$175,104
2025-26	715	SEAL BEACH BL	LAMPSON AV	OLD RANCH PKY	Major	AC	6	3	A	830	50	48,233	63	63	33	4	AC Overlay	\$171,227
2025-26	725	SEAL BEACH BL	ST. CLOUD DR	LAMPSON AV	Major	AC	6	3	A	885	32	39,890	64	65	35	0	AC Overlay	\$141,610
2025-26	730	SEAL BEACH BL	ST. CLOUD DR	PLYMOUTH DR	Major	AC	6	3	A	1,500	36	64,872	62	36	53	11	AC Overlay	\$230,296
																		\$1,716,808
2026-27	630	SEAL BEACH BL	ADOLFO LOPEZ DR	APOLLO DR	Major	AC	6	3	A	585	50	30,310	69	35	36	29	AC Overlay	\$110,935
2026-27	635	SEAL BEACH BL	APOLLO DR	ADOLFO LOPEZ DR	Major	AC	6	3	A	585	49	28,735	70	42	15	43	AC Overlay	\$105,170
2026-27	650	SEAL BEACH BL	ROAD C	WESTMINSTER BL	Major	AC	6	3	A	1,562	40	77,935	66	44	55	1	AC Overlay	\$285,242
																		\$501,347
2027-28	655	SEAL BEACH BL	WESTMINSTER BL	ROAD C	Major	AC	6	3	A	1,465	40	69,910	67	23	49	28	AC Overlay	\$263,561
2027-28	675	SEAL BEACH BL	GOLDEN RAIN RD (N)	ST ANDREWS DR	Major	AC	6	3	A	1,964	42	83,602	67	42	58	0	AC Overlay	\$315,180
																		\$578,740
2028-29	530	LAMPSON AV	BASSWOOD ST	CANDLEBERY AV	Secondary	AAC	6	2	A	1,275	28	36,105	67	38	50	12	AC Overlay	\$140,087
2028-29	540	LAMPSON AV	CANDLEBERRY AV	HEATHER ST	Secondary	AC	6	2	A	2,605	29	74,883	69	20	41	39	AC Overlay	\$290,546
																		\$430,633
																	Total	\$4,673,989
		Locals (Overlay)																
2022-23	3	10TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	31	30	70	0	AC Overlay	\$14,700
2022-23	5	11TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	56	23	60	17	AC Overlay	\$14,700
2022-23	9	12TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	59	44	56	0	AC Overlay	\$14,112
																		\$43,512
2023-24	25	5TH ST	MARINA DR	PCH		AC	1	4	C	683	60	41,280	77	49	39	12	AC Overlay	\$118,886
2023-24	180	ROSSMOOR CENTER WY	SEAL BEACH BL	WEST RD		AC	3	2	C	864	30	25,920	60	23	69	8	AC Overlay	\$74,650
2023-24	181	ROSSMOOR CENTER WY	WEST RD	MONTECITO RD		AC	3	2	C	364	28	10,192	53	23	55	22	AC Overlay	\$29,353
2023-24	210	WISTERIA ST	DOGWOOD AV	IRONWOOD AV		AC	3	2	E	1,075	37	40,575	54	34	65	1	AC Overlay	\$116,856
																		\$339,745
2024-25	33	ADOLFO LOPEZ DR	SEAL BEACH BL	425 W/SEAL BEACH BL		AAC	6	2	E	425	60	25,500	56	63	10	27	AC Overlay	\$75,735
2024-25	43	BANYAN AV	CAMELIA ST	COLUMBINE ST		AC	3	2	E	600	33	19,800	61	37	62	1	AC Overlay	\$58,806
2024-25	50	BLUEBELL ST	ALMOND AV	BIRCHWOOD AV		AC	3	2	E	996	33	33,345	44	21	79	0	AC Overlay	\$99,035

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FY	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total\$
2024-25	83	DAISY CR	FIR AV	CDS		AC	3	2	E	230	33	8,840	58	28	72	0	AC Overlay	\$26,255
																		\$259,830
2025-26	88	DOGWOOD AV	MARIGOLD ST	FUCHSIA ST		AC	3	2	E	1,386	33	46,538	67	38	61	1	AC Overlay	\$142,406
2025-26	385	ELECTRIC AV NB	MAIN ST	6TH ST		AC	1	1	C	1,001	27	27,027	31	25	68	7	AC Overlay	\$82,703
																		\$225,109
2026-27	74	COLLEGE PARK DR	(S) HARVARD LN	CITY LIMIT		AC	4	2	C	940	30	32,365	76	45	52	3	AC Overlay	\$101,950
2026-27	72	COLUMBINE ST	ALMOND AV	BANYAN AV		AC	3	2	E	210	33	6,930	70	40	59	1	AC Overlay	\$21,830
2026-27	93	DRIFTWOOD AV	BALBOA DR	COASTLINE DR		AAC	2	2	E	1,460	33	48,180	76	60	39	1	AC Overlay	\$151,767
2026-27	129	HEATHER ST	HAZELNUT AV	IRONWOOD AVE		AAC	3	2	E	250	37	9,250	74	84	16	0	AC Overlay	\$29,138
2026-27	130	HEATHER ST	ELDER AV	HAZELNUT AV		AC	3	2	E	722	37	26,714	60	38	61	1	AC Overlay	\$84,149
2026-27	136	IRONWOOD AV	WISTERIA ST	TULIP ST		AC	3	2	E	322	37	11,914	67	44	56	0	AC Overlay	\$37,529
2026-27	146	LANDING AV	SEAL BEACH BL	16TH ST		AC	1	2	E	485	22	10,670	67	37	62	1	AC Overlay	\$33,611
																		\$459,972
2027-28	392	LANDING AV	14TH ST	12TH ST		AC	1	2	E	502	21	10,542	51	48	46	6	AC Overlay	\$34,262
2027-28	179	ROSE ST	HAZELNUT AV	LAMPSON AV		AC	3	2	C	440	37	16,280	46	17	83	0	AC Overlay	\$52,910
																		\$87,172
2028-29	160	GATE RD	SEAL BEACH BL	1857' W/O SEAL BEACH BL		AAC	6	2	E	1,857	42	72,118	65	31	38	31	AC Overlay	\$240,874
2028-29	168	OLEANDER ST	ALMOND AV (S)	ALMOND AV (N)		AC	3	2	E	155	36	5,808	74	24	56	20	AC Overlay	\$19,399
2028-29	175	PURDUE CR	COLLEGE PARK DR	CDS		AC	4	2	E	110	27	5,354	55	32	68	0	AC Overlay	\$17,882
2028-29	194	SEAL WY	10TH ST	11TH ST		PCC	1	1	E	290	15	4,350	68	22	48	30	AC Overlay	\$14,529
2028-29	250	SEAL WY	ELECTRIC AV	NEPTUNE AV		PCC	1	1	E	505	13	6,565	68	15	71	14	AC Overlay	\$21,927
2028-29	205	TULIP ST	IRONWOOD AV	LAMPSON AV		AAC	3	2	E	118	36	4,248	47	17	80	3	AC Overlay	\$14,188
																		\$328,800
																		\$1,744,140
		Locals (Slurry - Stop Gap)																
2022-23	19	1ST ST	OCEAN AV	MARINA DR		AC	1	2	A	887	40	35,480	74	21	0	79	Type II Slurry	\$29,448
2022-23	1	10TH ST	ELECTRIC AV	PCH		AC	1	2	E	660	40	26,400	86	33	65	2	Type II Slurry	\$21,912
2022-23	2	10TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	950	40	38,000	78	89	11	0	Type II Slurry	\$31,540
2022-23	4	11TH ST	ELECTRIC AV	LANDING AV		AAC	1	2	E	210	37	7,770	95	64	36	0	Stop Gap	\$233
2022-23	6	11TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	965	40	36,000	76	53	37	10	Type II Slurry	\$29,880
2022-23	7	12TH ST	ELECTRIC AV NB	PCH		AAC	1	2	C	872	36	31,392	77	58	42	0	Type II Slurry	\$26,055
2022-23	388	12TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	C	102	37	3,774	88	73	27	0	Stop Gap	\$113
2022-23	10	13TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,013	21	20,160	95	100	0	0	Stop Gap	\$605
2022-23	11	13TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	710	40	28,400	92	100	0	0	Stop Gap	\$852
2022-23	12	13TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	77	30	0	70	Type II Slurry	\$4,358
2022-23	13	14TH ST	ELECTRIC AV	PCH		AAC	1	2	E	1,010	21	21,210	92	100	0	0	Stop Gap	\$636
2022-23	14	14TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	660	36	23,760	87	91	0	9	Type II Slurry	\$19,721
2022-23	15	14TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	73	23	36	41	Type II Slurry	\$4,358
2022-23	365	14TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	E	102	36	3,645	85	68	32	0	Type II Slurry	\$3,025
2022-23	16	15TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,110	21	23,310	88	78	22	0	Stop Gap	\$699
																		\$173,436
2023-24	22	2ND ST	OCEAN AV	CENTRAL AV		AC	1	2	E	860	40	34,400	79	30	40	30	Type II Slurry	\$29,240
2023-24	334	2ND ST	CENTRAL AV	MARINA DR		AC	1	2	E	105	40	4,200	95	100	0	0	Stop Gap	\$126
2023-24	23	3RD ST	OCEAN AV	CENTRAL AV		AC	1	2	E	760	40	30,400	77	28	71	1	Type II Slurry	\$25,840
2023-24	24	4TH ST	OCEAN AV	CENTRAL AVE ROUNDABOUT		AC	1	2	E	660	36	23,760	79	30	43	27	Type II Slurry	\$20,196
2023-24	376	4TH ST	CENTRAL AVE ROUNDABOUT	MARINA DR		AC	1	2	E	502	36	18,072	88	77	21	2	Stop Gap	\$542
2023-24	26	5TH ST	MARINA DR	CENTRAL AV		AC	1	2	C	775	36	27,900	71	60	35	5	Type II Slurry	\$23,715
2023-24	370	5TH ST	CENTRAL AV	OCEAN AV		AC	1	2	C	626	36	22,536	71	43	27	30	Type II Slurry	\$19,156
2023-24	27	6TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,384	37	51,208	77	70	9	21	Type II Slurry	\$43,527
2023-24	28	7TH ST	ELECTRIC AV	MARINA DR		AAC	1	2	E	302	36	10,872	91	100	0	0	Stop Gap	\$326
2023-24	29	7TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,280	40	51,200	91	39	29	32	Stop Gap	\$1,536

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FY	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other	Maint. Type	Total\$
2023-24	30	8TH ST	ELECTRIC AV	PCH		AAC	1	2	E	502	36	18,072	94	95	0	5	Stop Gap	\$542
2023-24	31	8TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,150	40	46,000	88	62	20	18	Stop Gap	\$1,380
																		\$166,126
2024-25	360	MARLIN AV	RIVIERA DR	BALBOA DR		AC	5	2	E	900	37	33,300	91	67	30	3	Stop Gap	\$999
2024-25	157	MARVISTA AV	CATALINA AV	COASTLINE DR		AC	2	2	E	1,682	33	56,106	87	84	14	2	Type II Slurry	\$49,373
2024-25	158	MARVISTA AV	COASTLINE DR	PCH		AC	2	2	E	120	36	4,570	78	83	17	0	Type II Slurry	\$4,022
2024-25	159	NEPTUNE AV	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	74	26	72	2	Type II Slurry	\$4,435
2024-25	166	OLD RANCH PARKWAY	SEAL BEACH BLVD	740' W/ SEAL BEACH		AC	3	4	A	740	47	38,576	72	46	0	54	Type II Slurry	\$33,947
2024-25	167	OLD RANCH PARKWAY	740' W/ SEAL BEACH	CDS		AC	3	2	A	1,054	34	35,691	72	56	26	18	Type II Slurry	\$31,408
2024-25	410	OLEANDER ST	ALMOND AV (N)	BIRCHWOOD AV		AC	3	2	E	276	33	9,108	92	100	0	0	Stop Gap	\$273
2024-25	411	OLEANDER ST	BIRCHWOOD AV	ELDER AV		AC	3	2	E	708	36	25,488	88	30	67	3	Stop Gap	\$765
2024-25	169	OPAL COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	94	94	0	6	Stop Gap	\$465
2024-25	170	PANSY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	93	95	0	5	Stop Gap	\$463
2024-25	174	PRIMROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	93	89	0	11	Stop Gap	\$463
2024-25	172	PRIMROSE ST	DOGWOOD AV	ELDER AV		AC	3	2	E	210	33	6,930	90	100	0	0	Stop Gap	\$208
2024-25	177	ROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	94	88	0	12	Stop Gap	\$463
2024-25	182	SANDPIPER DR	BOLSA AV	TAPER DR		AC	2	2	E	1,110	33	36,630	87	81	15	4	Type II Slurry	\$32,234
2024-25	185	SEA BREEZE DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,160	33	38,280	88	75	0	25	Stop Gap	\$1,148
2024-25	184	SEAL BEACH BL	ELECTRIC AV	PCH		AC	1	2	A	1,510	40	60,400	68	43	43	14	Type II Slurry	\$53,152
2024-25	198	SOUTH SHORE DR	BOLSA AV	TAPER DR		AC	2	2	E	1,060	33	34,980	89	100	0	0	Stop Gap	\$1,049
2024-25	200	SUNFLOWER CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	80	34	44	22	Type II Slurry	\$13,587
2024-25	202	SURF PL	CATALINA AV	END		AC	2	2	E	480	33	15,840	86	42	55	3	Type II Slurry	\$13,939
2024-25	203	TAPER DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,110	33	36,630	88	76	21	3	Stop Gap	\$1,099
2024-25	204	TEABERRY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	78	44	42	14	Type II Slurry	\$13,587
2024-25	206	VIOLET ST	ALMOND AV	CANDLEBERRY AV		AC	3	2	E	660	33	21,780	85	49	0	51	Type II Slurry	\$19,166
																		\$276,247
2025-26	357	COASTLINE DR	BALBOA DR	SILVER SHOALS AVE		AC	2	2	E	795	33	26,235	80	45	46	9	Type II Slurry	\$23,874
2025-26	358	COASTLINE DR	SILVER SHOALS AVE	MARVISTA DR		AC	2	2	E	999	37	36,963	77	35	63	2	Type II Slurry	\$33,636
2025-26	395	COLLEGE PARK DR	YALE LN (S)	YALE LN (N)		AC	4	2	C	1,083	36	38,988	87	72	28	0	Type II Slurry	\$35,479
2025-26	76	CORSAIR WY	CARAVEL WY	SCHOONER WY		AC	1	2	E	1,020	33	33,660	90	39	0	61	Stop Gap	\$1,010
2025-26	310	CRESTVIEW AV	CREST DR	AVALON DR		AAC	2	2	E	925	33	30,525	82	58	27	15	Type II Slurry	\$27,778
2025-26	79	CRYSTAL COVE WY	MARBLE COVE WY	OPAL COVE WY		AAC	5	2	E	520	33	17,160	85	42	56	2	Type II Slurry	\$15,616
2025-26	80	CRYSTAL PL	CRYSTAL COVE WY	CDS		AC	5	2	E	240	27	7,695	90	51	49	0	Stop Gap	\$231
2025-26	81	DAFFODIL CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	79	45	51	4	Type II Slurry	\$8,044
2025-26	90	DOLPHIN AV	SEAL WY	OCEAN AV		AC	1	2	E	226	24	5,424	74	25	75	0	Type II Slurry	\$4,936
2025-26	91	DOLPHIN AV	OCEAN AV	ELECTRIC AV		AC	1	1	E	582	24	13,968	80	83	17	0	Type II Slurry	\$12,711
2025-26	92	DORY WY	GALLEON WY	SCHOONER WY		AC	1	2	E	360	28	10,080	87	100	0	0	Type II Slurry	\$9,173
2025-26	20	ELDER AV	FUCHSIA ST	IRONWOOD AV		AC	3	2	E	1,467	36	52,812	78	80	20	0	Type II Slurry	\$48,059
2025-26	97	ELDER AV	VIOLET ST	PRIMROSE ST		AC	3	2	E	1,380	33	45,540	74	40	59	1	Type II Slurry	\$41,441
2025-26	98	ELECTRIC AV	5TH ST	CORSAIR WY		AC	1	2	E	510	37	18,870	95	89	0	11	Stop Gap	\$566
2025-26	99	ELECTRIC AV	CORSAIR WY	CDS		AC	1	2	E	473	33	17,218	79	52	14	34	Type II Slurry	\$15,668
																		\$278,222
2026-27	32	ADOLFO LOPEZ DR	425 W/SEAL BEACH BL	CDS		AAC	6	2	E	850	60	51,366	93	100	0	0	Stop Gap	\$1,541
2026-27	34	AGUA PL	MARLIN AV	CDS		AAC	5	2	E	220	27	7,040	85	42	11	47	Type II Slurry	\$6,547
2026-27	38	ASTER ST	ALMOND AV	BIRCHWOOD AV		AAC	3	2	E	1,239	37	45,843	86	91	1	8	Type II Slurry	\$42,634
2026-27	39	ASTER ST	BIRCHWOOD AV	CANDLEBERRY AV		AAC	3	2	E	206	37	7,622	87	59	37	4	Type II Slurry	\$7,088
2026-27	40	AVALON DR	CATALINA AV	END		AC	2	2	E	430	33	14,190	88	63	37	0	Stop Gap	\$426
2026-27	44	BASSWOOD ST	ASTER ST	LAMPSON AV		AC	3	2	C	410	36	14,760	89	61	28	11	Stop Gap	\$443
2026-27	46	BAYOU WY	BAYSIDE DR	HARBOR WY		AAC	2	2	E	630	33	20,790	84	75	22	3	Type II Slurry	\$19,335
2026-27	47	BEACHCOMBER DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,160	33	38,280	85	68	20	12	Type II Slurry	\$35,600
2026-27	48	BERYL COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	94	100	0	0	Stop Gap	\$465
2026-27	49	BIRCHWOOD AV	DAISY ST	ASTER ST		AAC	3	2	E	1,650	33	54,450	83	50	37	13	Type II Slurry	\$50,639

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2026-27	56	CANDLEBERRY AV	WISTERIA ST	OLEANDER ST		AC	3	2	E	1,690	33	55,770	75	36	64	0	Type II Slurry	\$51,866
																		\$216,583
2027-28	59	CARAVEL WY	MARINA DR	CORSAIR WY		AC	1	2	E	360	37	13,320	95	100	0	0	Stop Gap	\$400
2027-28	58	CARNATION CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	91	65	35	0	Stop Gap	\$265
2027-28	353	CATALINA AV	AVALON DR	BALBOA DR		AC	2	2	E	535	37	19,795	86	67	33	0	Type II Slurry	\$19,003
2027-28	354	CATALINA AV	BALBOA DR	SEA BREEZE DR		AC	2	2	E	1,182	37	43,734	71	54	37	9	Type II Slurry	\$41,985
2027-28	355	CATALINA AV	SEA BREEZE DR	BAYSIDE DR		AC	2	2	E	510	37	18,870	87	62	38	0	Type II Slurry	\$18,115
2027-28	356	CATALINA AV	BAYSIDE DR	CDS		AC	2	2	E	828	37	31,442	86	69	25	6	Type II Slurry	\$30,184
2027-28	62	CENTRAL AV	1ST ST	2ND ST		AAC	1	1	C	270	18	5,196	90	100	0	0	Stop Gap	\$156
2027-28	63	CENTRAL AV	2ND ST	4TH ST		AAC	1	2	C	585	36	21,060	92	75	25	0	Stop Gap	\$632
2027-28	64	CENTRAL AV	4TH ST	6TH ST		AAC	1	2	C	572	36	20,592	91	71	29	0	Stop Gap	\$618
2027-28	380	CENTRAL AV	6TH ST	7TH ST		AAC	1	2	C	270	36	9,720	92	89	3	8	Stop Gap	\$292
2027-28	381	CENTRAL AV	7TH ST	MAIN ST		AAC	1	2	C	586	36	21,096	94	92	3	5	Stop Gap	\$633
2027-28	382	CENTRAL AV	MAIN ST	10TH ST		AAC	1	2	C	265	36	9,540	93	100	0	0	Stop Gap	\$286
2027-28	383	CENTRAL AV	10TH ST	12TH ST		AAC	1	2	C	565	36	20,340	94	97	3	0	Stop Gap	\$610
2027-28	65	CENTRAL WY	2ND ST	1ST ST		AC	1	2	E	260	40	10,400	79	30	59	11	Type II Slurry	\$9,984
2027-28	66	CENTRAL WY	4TH ST	2ND ST		AC	1	2	E	560	38	21,280	92	67	0	33	Stop Gap	\$638
2027-28	67	CENTRAL WY	5TH ST	4TH ST		AC	1	2	E	260	38	9,880	74	47	48	5	Type II Slurry	\$9,485
2027-28	68	CLIPPER WY	CARAVEL WY	ELECTRIC AV		AC	1	2	E	910	33	30,030	92	94	0	6	Stop Gap	\$901
																		\$134,187
2028-29	108	EMERALD PL	EMERALD COVE WY	CDS		AC	5	2	E	230	27	7,645	94	100	0	0	Stop Gap	\$229
2028-29	109	FATHOM AV	SILVER SHOALS AV	BALBOA DR		AC	2	2	E	810	33	26,730	85	82	18	0	Type II Slurry	\$26,463
2028-29	110	FERN CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	94	72	28	0	Stop Gap	\$265
2028-29	114	FIR AV	WISTERIA ST	SUNFLOWER ST		AAC	3	2	E	1,220	33	40,260	69	21	67	12	Type II Slurry	\$39,857
2028-29	405	FUCHSIA ST	CANDLEBERRY AV	ELDER AV		AAC	3	2	E	456	33	15,048	86	100	0	0	Type II Slurry	\$14,898
2028-29	352	GALLEON WY	SCHOONER WY	DORY WY		AC	1	2	E	740	33	25,638	82	63	21	16	Type II Slurry	\$25,382
2028-29	161	GATE RD	1857' W/O SEAL BEACH BL	END		AAC	6	2	E	1,857	30	55,025	80	62	10	28	Type II Slurry	\$54,475
2028-29	400	GOLDENROD ST	FIR AV	CDS		AAC	3	2	E	295	33	11,494	89	100	0	0	Stop Gap	\$345
2028-29	124	HARBOR WY	BAYSIDE DR	BAYOU WY		AAC	2	2	E	760	33	25,080	91	44	0	56	Stop Gap	\$752
2028-29	336	HARVARD LN	(N) COLLEGE PARK DR	CDS		AC	4	2	E	992	37	37,804	86	78	20	2	Type II Slurry	\$37,426
2028-29	125	HAZELNUT AV	GUAVA AV	HEATHER ST		AAC	3	2	E	1,210	33	39,930	93	94	0	6	Stop Gap	\$1,198
2028-29	408	HEATHER ST	IRONWOOD AVE	LAMPSON AV		AAC	3	2	E	140	37	5,180	92	72	28	0	Stop Gap	\$155
2028-29	131	IRIS CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	85	66	34	0	Type II Slurry	\$8,752
2028-29	133	IRONWOOD AV	CANDLEBERRY AV	ELDER AV		AC	3	2	E	524	33	17,292	94	100	0	0	Stop Gap	\$519
2028-29	134	IRONWOOD AV	ELDER AV	HEATHER ST		AC	3	2	E	1,967	33	64,911	86	81	16	3	Type II Slurry	\$64,262
2028-29	138	ISLAND VIEW DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,110	33	36,630	78	67	32	1	Type II Slurry	\$36,264
2028-29	139	JADE COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	86	53	47	0	Type II Slurry	\$15,330
2028-29	141	LAGUNA PL	MARLIN AV	CDS		AC	5	2	E	380	27	11,460	79	33	65	2	Type II Slurry	\$11,345
2028-29	390	LANDING AV	16TH ST	15TH ST		AC	1	2	E	228	21	4,788	75	40	60	0	Type II Slurry	\$4,740
2028-29	391	LANDING AV	15TH ST	14TH ST		AC	1	2	E	228	21	4,788	70	45	55	0	Type II Slurry	\$4,740
2028-29	149	MAIN ST	OCEAN AV	ELECTRIC AVE		AC	1	2	C	1,190	57	67,830	84	40	36	24	Type II Slurry	\$67,152
2028-29	152	MARBLE COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	455	33	15,815	94	95	0	5	Stop Gap	\$474
2028-29	154	MARIGOLD ST	CANDLEBERRY AV	DOGWOOD AV		AC	3	2	E	160	33	5,280	68	34	66	0	Type II Slurry	\$5,227
2028-29	155	MARINE AV	ELECTRIC AV	DOLPHIN AV		AC	1	1	E	320	24	7,680	78	55	45	0	Type II Slurry	\$7,603
																		\$427,853
																		\$1,672,654

XII. APPENDIX B – COMPLETE STREET LISTING CURRENT CONDITIONS

City of Seal Beach, CA
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Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
	MPAH																
9	21	1ST ST	PCH	597' NE/PCH	Primary	AC	1	2	A	597	24	14,328	2/3/22	35	35	52	13
9	258	1ST ST NB	MARINA DR	WELCOME LN	Primary	AC	1	2	A	1,015	29	30,540	1/24/22	35	34	66	0
9	259	1ST ST NB	WELCOME LN	PCH	Primary	AC	1	2	A	1,117	29	40,578	1/24/22	49	40	55	5
9	350	1ST ST SB	PCH	WELCOME LN	Primary	AC	1	2	A	1,136	29	33,838	2/3/22	56	39	56	5
9	351	1ST ST SB	WELCOME LN	MARINA DR	Primary	AC	1	2	A	1,028	29	30,317	2/3/22	46	40	59	1
14	333	6TH ST	ELECTRIC AV SB	MARINA DR	Secondary	AAC	1	2	E	182	36	6,355	1/26/22	49	40	60	0
31	51	BOLSA AV	SEAL BEACH BL	BALBOA DR	Secondary	AC	2	2	C	2,006	36	72,216	1/25/22	74	63	17	20
31	52	BOLSA AV	BALBOA DR	PCH	Secondary	AC	2	2	C	1,046	36	42,962	1/25/22	99	100	0	0
62	100	ELECTRIC AV	SEAL BEACH BL	END	Secondary	AC	1	2	C	215	32	7,653	2/3/22	88	48	22	30
63	101	ELECTRIC AV NB	SEAL BEACH BL	14TH ST (S)	Secondary	AAC	1	1	C	860	27	23,220	1/26/22	88	63	37	0
63	102	ELECTRIC AV NB	14TH ST (S)	12TH ST	Secondary	AC	1	1	C	685	27	18,495	1/26/22	91	76	24	0
63	103	ELECTRIC AV NB	12TH ST	MAIN ST	Secondary	AC	1	1	C	913	27	25,101	1/26/22	89	80	20	0
63	385	ELECTRIC AV NB	MAIN ST	6TH ST	Secondary	AC	1	1	C	1,001	27	27,027	2/3/22	31	25	68	7
64	104	ELECTRIC AV SB	6TH ST	MAIN ST	Secondary	AC	1	1	C	910	25	22,750	2/2/22	58	26	58	16
64	105	ELECTRIC AV SB	MAIN ST	12TH ST	Secondary	AAC	1	1	C	960	26	24,960	2/3/22	34	23	77	0
64	106	ELECTRIC AV SB	12TH ST	14TH ST	Secondary	AAC	1	1	C	615	26	15,990	2/3/22	35	25	71	4
64	386	ELECTRIC AV SB	14TH ST	SEAL BEACH BL	Secondary	AAC	1	1	C	795	26	21,555	2/3/22	88	74	26	0
86	500	LAMPSON AV EB	SEAL BEACH BLVD	OLD RANCH PLAZA	Secondary	AAC	6	2	A	640	25	21,806	2/1/22	51	15	81	4
86	510	LAMPSON AV EB	OLD RANCH PLAZA	735' W/ BASSWOOD ST	Secondary	AAC	6	2	A	1,930	30	56,106	2/1/22	50	26	56	18
86	520	LAMPSON AV EB	735' W/ BASSWOOD ST	BASSWOOD ST	Secondary	AAC	6	2	A	735	30	21,985	2/2/22	72	27	73	0
86	530	LAMPSON AV EB	BASSWOOD ST	CANDLEBERRY AV	Secondary	AAC	6	2	A	1,275	28	36,105	2/2/22	67	38	50	12
86	540	LAMPSON AV EB	CANDLEBERRY AV	HEATHER ST	Secondary	AC	6	2	A	2,605	29	74,883	2/2/22	69	20	41	39
86	550	LAMPSON AV EB	HEATHER ST	ROSE ST	Secondary	AC	6	2	A	1,580	30	51,025	2/2/22	71	18	62	20
86	560	LAMPSON AV EB	ROSE ST	TULIP ST	Secondary	AC	6	2	A	1,262	29	39,482	2/2/22	78	35	65	0
86	570	LAMPSON AV EB	TULIP ST	CITY LIMITS	Secondary	AC	6	2	A	442	30	13,260	2/2/22	78	33	20	47
86	505	LAMPSON AV WB	OLD RANCH PLAZA	SEAL BEACH BLVD	Secondary	AAC	6	2	A	670	25	20,457	2/4/22	54	47	39	14
86	515	LAMPSON AV WB	735' W/ BASSWOOD ST	OLD RANCH PLAZA	Secondary	AAC	6	2	A	1,890	30	55,127	2/4/22	71	36	36	28
86	525	LAMPSON AV WB	BASSWOOD ST	735' W/ BASSWOOD ST	Secondary	AAC	6	2	A	715	30	21,620	2/4/22	70	49	41	10
86	535	LAMPSON AV WB	CANDLEBERRY AV	BASSWOOD ST	Secondary	AAC	6	2	A	1,290	29	39,082	2/2/22	76	38	36	26
86	545	LAMPSON AV WB	HEATHER ST	CANDLEBERRY AV	Secondary	AC	6	2	A	2,625	29	78,233	2/2/22	78	49	28	23
86	555	LAMPSON AV WB	ROSE ST	HEATHER ST	Secondary	AC	6	2	A	1,580	27	46,077	2/2/22	78	40	53	7
86	565	LAMPSON AV WB	TULIP ST	ROSE ST	Secondary	AC	6	2	A	1,226	26	34,607	2/2/22	70	46	54	0
86	575	LAMPSON AV WB	CITY LIMITS	TULIP ST	Secondary	AC	6	2	A	442	26	13,656	2/2/22	82	63	31	6
90	150	MARINA DR	PCH	6TH ST	Secondary	AC	1	3	C	629	61	38,369	1/24/22	99	75	0	25
90	151	MARINA DR	6TH ST	1ST ST	Collector	AC	1	2	C	1,650	45	79,246	1/24/22	99	64	0	36
90	304	MARINA DR	1ST ST	CITY LIMIT (SAN GABRIEL RIVER)	Secondary	AC	1	2	C	560	50	27,585	1/24/22	100	31	34	35
115	600	SEAL BEACH BL NB	PCH	BOLSA AV	Major	AAC	6	3	A	1,735	42	79,396	2/3/22	73	36	44	20
115	610	SEAL BEACH BL NB	BOLSA AV	HERON POINTE	Major	AC	6	3	A	2,050	42	89,779	2/3/22	77	53	45	2
115	620	SEAL BEACH BL NB	HERON POINTE	ADOLFO LOPEZ DR	Major	AC	6	3	A	1,235	42	55,188	2/3/22	81	53	47	0
115	630	SEAL BEACH BL NB	ADOLFO LOPEZ DR	APOLLO DR	Major	AC	6	3	A	585	50	30,310	2/3/22	69	35	36	29
115	640	SEAL BEACH BL NB	APOLLO DR	ROAD C	Major	AC	6	3	A	1,765	40	82,880	2/3/22	60	25	21	54
115	650	SEAL BEACH BL NB	ROAD C	WESTMINSTER BL	Major	AC	6	3	A	1,562	40	77,935	2/3/22	66	44	55	1
115	660	SEAL BEACH BL NB	WESTMINSTER BL	ST ANDREWS DR	Major	AC	6	3	A	1,016	40	42,790	2/3/22	56	42	45	13
115	670	SEAL BEACH BL NB	ST ANDREWS DR	GOLDEN RAIN RD (N)	Major	AC	6	3	A	1,964	40	83,499	2/4/22	75	51	36	13
115	680	SEAL BEACH BL NB	(N) GOLDEN RAIN RD	NORTH GATE RD	Major	AC	6	3	A	1,530	40	69,846	2/4/22	75	57	34	9

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Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
115	710	SEAL BEACH BL NB	OLD RANCH PKY	LAMPSON AV	Major	AC	6	3	A	848	46	49,325	2/4/22	62	59	40	1
115	720	SEAL BEACH BL NB	LAMPSON AV	ST. CLOUD DR	Major	AC	6	3	A	905	32	39,382	2/3/22	78	69	25	6
115	730	SEAL BEACH BL NB	ST. CLOUD DR	PLYMOUTH DR	Major	AC	6	3	A	1,500	36	64,872	2/3/22	62	36	53	11
115	740	SEAL BEACH BL NB	PLYMOUTH DR	CITY LIMIT (BRADBURY RD)	Major	AC	6	3	A	1,090	42	53,295	2/4/22	66	51	49	0
115	605	SEAL BEACH BL SB	BOLSA AV	PCH	Major	AAC	6	3	A	1,705	42	72,146	2/3/22	78	45	52	3
115	615	SEAL BEACH BL SB	HERON POINTE	BOLSA AV	Major	AC	6	3	A	2,082	42	90,384	2/3/22	66	28	57	15
115	625	SEAL BEACH BL SB	ADOLFO LOPEZ DR	HERON POINTE	Major	AC	6	3	A	1,240	42	55,060	2/3/22	81	56	24	20
115	635	SEAL BEACH BL SB	APOLLO DR	ADOLFO LOPEZ DR	Major	AC	6	3	A	585	49	28,735	2/3/22	70	42	15	43
115	645	SEAL BEACH BL SB	ROAD C	APOLLO DR	Major	AC	6	3	A	1,805	40	75,410	2/3/22	77	35	29	36
115	655	SEAL BEACH BL SB	WESTMINSTER BL	ROAD C	Major	AC	6	3	A	1,465	40	69,910	2/3/22	67	23	49	28
115	665	SEAL BEACH BL SB	ST ANDREWS DR	WESTMINSTER BL	Major	AC	6	3	A	1,016	40	49,616	2/3/22	44	31	68	1
115	675	SEAL BEACH BL SB	GOLDEN RAIN RD (N)	ST ANDREWS DR	Major	AC	6	3	A	1,964	42	83,602	2/3/22	67	42	58	0
115	685	SEAL BEACH BL SB	NORTH GATE RD	(N) GOLDEN RAIN RD	Major	AC	6	3	A	1,540	40	62,512	2/3/22	60	49	50	1
115	715	SEAL BEACH BL SB	LAMPSON AV	OLD RANCH PKY	Major	AC	6	3	A	830	50	48,233	2/2/22	63	63	33	4
115	725	SEAL BEACH BL SB	ST. CLOUD DR	LAMPSON AV	Major	AC	6	3	A	885	32	39,890	2/3/22	64	65	35	0
115	735	SEAL BEACH BL SB	PLYMOUTH DR	ST. CLOUD DR	Major	AC	6	3	A	1,500	36	60,923	2/2/22	77	56	38	6
115	745	SEAL BEACH BL SB	CITY LIMIT (BRADBURY RD)	PLYMOUTH DR	Major	AC	6	3	A	1,090	40	47,895	2/2/22	79	57	22	21
127	420	WESTMINSTER AVE EB	CITY LIMIT	APOLLO DR	Primary	AC	6	2	A	1,445	33	49,825	2/1/22	96	84	0	16
127	430	WESTMINSTER AVE EB	APOLLO DR	ROAD B	Primary	AC	6	2	A	1,140	33	38,875	2/1/22	95	89	0	11
127	440	WESTMINSTER AVE EB	ROAD B	SEAL BEACH BLVD	Primary	AC	6	2	A	1,685	33	72,592	2/1/22	93	55	0	45
127	450	WESTMINSTER AVE EB	SEAL BEACH BL	KITTS HWY	Primary	AC	6	2	A	775	36	35,168	2/1/22	84	73	27	0
127	460	WESTMINSTER AVE EB	KITTS HWY	2500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	87	72	18	10
127	470	WESTMINSTER AVE EB	2500' E/ KITTS HWY	5000' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	90	36	17	47
127	480	WESTMINSTER AVE EB	5000' E/ KITTS HWY	7500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	89	34	44	22
127	490	WESTMINSTER AVE EB	7500' E/ KITTS HWY	CITY LIMITS (W/ BOLSA CHICA RD)	Primary	AC	6	2	A	2,100	32	69,800	2/1/22	66	24	51	25
127	425	WESTMINSTER AVE WB	APOLLO DR	CITY LIMIT	Primary	AC	6	2	A	1,445	33	44,002	2/1/22	96	100	0	0
127	435	WESTMINSTER AVE WB	ROAD B	APOLLO DR	Primary	AC	6	2	A	1,140	33	41,270	2/1/22	96	85	0	15
127	445	WESTMINSTER AVE WB	SEAL BEACH BLVD	ROAD B	Primary	AC	6	2	A	1,685	33	56,105	2/1/22	95	100	0	0
127	455	WESTMINSTER AVE WB	KITTS HWY	SEAL BEACH BL	Primary	AC	6	2	A	800	25	26,634	2/3/22	75	59	10	31
127	465	WESTMINSTER AVE WB	2500' E/ KITTS HWY	KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	87	48	13	39
127	475	WESTMINSTER AVE WB	5000' E/ KITTS HWY	2500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	86	57	15	28
127	485	WESTMINSTER AVE WB	7500' E/ KITTS HWY	5000' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	84	29	39	32
127	495	WESTMINSTER AVE WB	CITY LIMITS (W/ BOLSA CHICA RD)	7500' E/ KITTS HWY	Primary	AC	6	2	A	2,100	32	69,800	2/1/22	46	18	49	33
										19.6		3,813,480					
	Locals																
1	1	10TH ST	ELECTRIC AV	PCH		AC	1	2	E	660	40	26,400	2/2/22	86	33	65	2
1	2	10TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	950	40	38,000	1/26/22	78	89	11	0
1	3	10TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/26/22	31	30	70	0
2	4	11TH ST	ELECTRIC AV	LANDING AV		AAC	1	2	E	210	37	7,770	1/26/22	95	64	36	0
2	5	11TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	56	23	60	17
2	6	11TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	965	40	36,000	1/25/22	76	53	37	10
3	7	12TH ST	ELECTRIC AV NB	PCH		AAC	1	2	C	872	36	31,392	1/26/22	77	58	42	0
3	8	12TH ST	OCEAN AV	ELECTRIC AV		PCC	1	2	C	810	40	32,400	1/25/22	96	100	0	0
3	9	12TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	1/25/22	59	44	56	0
3	388	12TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	C	102	37	3,774	2/3/22	88	73	27	0
4	10	13TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,013	21	20,160	1/26/22	95	100	0	0

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Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
4	11	13TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	710	40	28,400	1/25/22	92	100	0	0
4	12	13TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	77	30	0	70
5	13	14TH ST	ELECTRIC AV	PCH		AAC	1	2	E	1,010	21	21,210	1/26/22	92	100	0	0
5	14	14TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	660	36	23,760	1/25/22	87	91	0	9
5	15	14TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	73	23	36	41
5	365	14TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	E	102	36	3,645	2/3/22	85	68	32	0
6	16	15TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,110	21	23,310	1/26/22	88	78	22	0
7	17	16TH ST	ELECTRIC AV	PCH		AC	1	2	E	1,160	21	24,360	1/26/22	99	73	0	27
8	18	17TH ST	ELECTRIC AV	PCH		AC	1	1	E	1,260	21	26,460	1/26/22	89	16	64	20
9	19	1ST ST	OCEAN AV	MARINA DR		AC	1	2	A	887	40	35,480	1/24/22	74	21	0	79
10	22	2ND ST	OCEAN AV	CENTRAL AV		AC	1	2	E	860	40	34,400	1/24/22	79	30	40	30
10	334	2ND ST	CENTRAL AV	MARINA DR		AC	1	2	E	105	40	4,200	1/24/22	95	100	0	0
11	23	3RD ST	OCEAN AV	CENTRAL AV		AC	1	2	E	760	40	30,400	1/24/22	77	28	71	1
12	24	4TH ST	OCEAN AV	CENTRAL AVE ROUNDABOUT		AC	1	2	E	660	36	23,760	1/26/22	79	30	43	27
12	375	4TH ST	CENTRAL AVE ROUNDABOUT	CENTRAL AVE ROUNDABOUT		PCC	1	2	E	70	60	4,200	1/26/22	89	46	54	0
12	376	4TH ST	CENTRAL AVE ROUNDABOUT	MARINA DR		AC	1	2	E	502	36	18,072	1/26/22	88	77	21	2
13	25	5TH ST	MARINA DR	PCH		AC	1	4	C	683	60	41,280	1/25/22	77	49	39	12
13	26	5TH ST	MARINA DR	CENTRAL AV		AC	1	2	C	775	36	27,900	1/26/22	71	60	35	5
13	370	5TH ST	CENTRAL AV	OCEAN AV		AC	1	2	C	626	36	22,536	1/26/22	71	43	27	30
14	27	6TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,384	37	51,208	1/26/22	77	70	9	21
15	28	7TH ST	ELECTRIC AV	MARINA DR		AAC	1	2	E	302	36	10,872	2/2/22	91	100	0	0
15	29	7TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,280	40	51,200	1/26/22	91	39	29	32
16	30	8TH ST	ELECTRIC AV	PCH		AAC	1	2	E	502	36	18,072	2/2/22	94	95	0	5
16	31	8TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,150	40	46,000	1/26/22	88	62	20	18
17	32	ADOLFO LOPEZ DR	425 W/SEAL BEACH BL	CDS		AAC	6	2	A	850	60	51,366	1/26/22	93	100	0	0
17	33	ADOLFO LOPEZ DR	SEAL BEACH BL	425 W/SEAL BEACH BL		AAC	6	2	A	425	60	25,500	1/26/22	56	63	10	27
18	34	AGUA PL	MARLIN AV	CDS		AAC	5	2	E	220	27	7,040	1/25/22	85	42	11	47
19	35	ALMOND AV	DAISY ST	ASTER ST		AC	3	2	E	1,950	36	70,200	1/27/22	76	32	34	34
19	36	ALMOND AV	VIOLET ST	ROSE CR		AC	3	2	E	765	37	28,305	1/27/22	90	46	0	54
19	37	ALMOND AV	ROSE CR	OLEANDER ST		AC	3	2	E	705	37	26,085	1/27/22	83	43	17	40
19	311	ALMOND AV	IRIS CR	DAISY ST		AC	3	2	E	975	36	35,100	1/27/22	73	19	48	33
19	312	ALMOND AV	OLEANDER ST	IRIS CR		AC	3	2	E	1,120	36	40,320	1/27/22	83	25	37	38
20	38	ASTER ST	ALMOND AV	BIRCHWOOD AV		AAC	3	2	E	1,239	37	45,843	1/27/22	86	91	1	8
20	39	ASTER ST	BIRCHWOOD AV	CANDLEBERRY AV		AAC	3	2	E	206	37	7,622	1/27/22	87	59	37	4
21	40	AVALON DR	CATALINA AV	END		AC	2	2	E	430	33	14,190	1/24/22	88	63	37	0
22	41	BALBOA DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,060	37	39,220	1/24/22	97	81	0	19
22	42	BALBOA DR	PCH	BOLSA AV		AC	2	2	E	660	37	24,420	1/25/22	69	34	56	10
23	43	BANYAN AV	CAMELIA ST	COLUMBINE ST		AC	3	2	E	600	33	19,800	1/27/22	61	37	62	1
24	44	BASSWOOD ST	ASTER ST	LAMPSON AV		AC	3	2	C	410	36	14,760	2/1/22	89	61	28	11
26	46	BAYOU WY	BAYSIDE DR	HARBOR WY		AAC	2	2	E	630	33	20,790	1/25/22	84	75	22	3
25	45	BAYSIDE DR	BOLSA AV	CRESTVIEW AV		AC	2	2	E	1,410	33	46,530	1/24/22	80	55	44	1
27	47	BEACHCOMBER DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,160	33	38,280	1/24/22	85	68	20	12
28	48	BERYL COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	94	100	0	0
29	49	BIRCHWOOD AV	DAISY ST	ASTER ST		AAC	3	2	E	1,650	33	54,450	1/27/22	83	50	37	13
29	313	BIRCHWOOD AV	OLEANDER ST	DAISY ST		AAC	3	2	E	1,950	33	64,350	1/28/22	91	74	26	0
30	50	BLUEBELL ST	ALMOND AV	BIRCHWOOD AV		AC	3	2	E	996	33	33,345	1/27/22	44	21	79	0
32	53	CAMELIA ST	ALMOND AV	BANYAN AV		AC	3	2	E	590	33	19,470	1/27/22	82	72	28	0

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33	54	CANDLEBERRY AV	FUCHSIA ST	ASTER AV		AAC	3	2	E	1,770	36	63,720	2/1/22	55	30	65	5
33	55	CANDLEBERRY AV	MARIGOLD ST	FUCHSIA ST		AAC	3	2	E	1,392	37	51,504	1/27/22	80	70	28	2
33	56	CANDLEBERRY AV	WISTERIA ST	OLEANDER ST		AC	3	2	E	1,690	33	55,770	1/27/22	75	36	64	0
33	303	CANDLEBERRY AV	ASTER ST	LAMPSON AV		AAC	3	2	E	365	36	13,140	2/1/22	95	74	0	26
36	59	CARAVEL WY	MARINA DR	CORSAIR WY		AC	1	2	E	360	37	13,320	1/24/22	95	100	0	0
34	57	CARMEL AV	SURF PL	COASTLINE DR		AAC	2	2	E	360	37	13,320	1/24/22	90	68	32	0
35	58	CARNATION CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	91	65	35	0
37	60	CATALINA AV	COASTLINE DR	SURF PL		AC	2	2	E	570	38	21,660	1/24/22	83	38	62	0
37	61	CATALINA AV	SURF PL	AVALON DR		AC	2	2	E	830	37	30,710	1/24/22	92	69	31	0
37	353	CATALINA AV	AVALON DR	BALBOA DR		AC	2	2	E	535	37	19,795	1/24/22	86	67	33	0
37	354	CATALINA AV	BALBOA DR	SEA BREEZE DR		AC	2	2	E	1,182	37	43,734	1/24/22	75	54	37	9
37	355	CATALINA AV	SEA BREEZE DR	BAYSIDE DR		AC	2	2	E	510	37	18,870	1/24/22	87	62	38	0
37	356	CATALINA AV	BAYSIDE DR	CDS		AC	2	2	E	828	37	31,442	1/24/22	86	69	25	6
38	62	CENTRAL AV	1ST ST	2ND ST		AAC	1	1	C	270	18	5,196	2/3/22	90	100	0	0
38	63	CENTRAL AV	2ND ST	4TH ST		AAC	1	2	C	585	36	21,060	1/24/22	92	75	25	0
38	64	CENTRAL AV	4TH ST	6TH ST		AAC	1	2	C	572	36	20,592	1/25/22	91	71	29	0
38	380	CENTRAL AV	6TH ST	7TH ST		AAC	1	2	C	270	36	9,720	1/25/22	92	89	3	8
38	381	CENTRAL AV	7TH ST	MAIN ST		AAC	1	2	C	586	36	21,096	1/25/22	94	92	3	5
38	382	CENTRAL AV	MAIN ST	10TH ST		AAC	1	2	C	265	36	9,540	1/25/22	93	100	0	0
38	383	CENTRAL AV	10TH ST	12TH ST		AAC	1	2	C	565	36	20,340	1/25/22	94	97	3	0
39	65	CENTRAL WY	2ND ST	1ST ST		AC	1	2	E	260	40	10,400	1/24/22	79	30	59	11
39	66	CENTRAL WY	4TH ST	2ND ST		AC	1	2	E	560	38	21,280	1/25/22	92	67	0	33
39	67	CENTRAL WY	5TH ST	4TH ST		AC	1	2	E	260	38	9,880	1/26/22	86	47	48	5
40	68	CLIPPER WY	CARAVEL WY	ELECTRIC AV		AC	1	2	E	910	33	30,030	1/24/22	92	94	0	6
41	69	CLOVER CR	ALMOND AV	CDS		AC	3	2	E	130	33	5,540	1/27/22	88	80	20	0
42	70	COASTLINE DR	CARMEL AV	CDS		AC	2	2	E	480	27	14,110	1/24/22	87	69	31	0
42	71	COASTLINE DR	MARVISTA DR	CARMEL DR		AC	2	2	E	455	33	15,015	1/24/22	79	46	52	2
42	357	COASTLINE DR	BALBOA DR	SILVER SHOALS AVE		AC	2	2	E	795	33	26,235	1/25/22	80	45	46	9
42	358	COASTLINE DR	SILVER SHOALS AVE	MARVISTA DR		AC	2	2	E	999	37	36,963	1/25/22	77	35	63	2
44	73	COLLEGE PARK DR	YALE LN (S)	HARVARD LN (S)		AC	4	2	C	635	36	22,860	1/27/22	92	61	33	6
44	74	COLLEGE PARK DR	(S) HARVARD LN	CITY LIMIT		AC	4	2	C	940	30	32,365	2/1/22	76	45	52	3
44	337	COLLEGE PARK DR	HARVARD LN (N)	YALE LN (N)		AC	4	2	C	908	37	34,585	1/27/22	89	78	22	0
44	395	COLLEGE PARK DR	YALE LN (S)	YALE LN (N)		AC	4	2	C	1,083	36	38,988	1/27/22	87	72	28	0
43	72	COLUMBINE ST	ALMOND AV	BANYAN AV		AC	3	2	E	210	33	6,930	1/27/22	70	40	59	1
45	75	CORAL PL	CDS	BAYSIDE DR		AC	2	2	E	230	27	7,310	1/25/22	89	100	0	0
46	76	CORSAIR WY	CARAVEL WY	SCHOONER WY		AC	1	2	E	1,020	33	33,660	1/24/22	90	39	0	61
47	77	CREST DR	CATALINA AV	CRESTVIEW AV		AAC	2	2	E	210	33	6,930	1/24/22	87	51	0	49
48	78	CRESTVIEW AV	CATALINA AV	BAYSIDE DR		AAC	2	2	E	1,130	33	37,290	1/24/22	90	61	0	39
48	309	CRESTVIEW AV	BAYSIDE DR	CREST DR		AAC	2	2	E	1,130	33	37,290	1/24/22	86	56	15	29
48	310	CRESTVIEW AV	CREST DR	AVALON DR		AAC	2	2	E	925	33	30,525	1/24/22	82	58	27	15
49	79	CRYSTAL COVE WY	MARBLE COVE WY	OPAL COVE WY		AAC	5	2	E	520	33	17,160	1/25/22	85	42	56	2
50	80	CRYSTAL PL	CRYSTAL COVE WY	CDS		AC	5	2	E	240	27	7,695	1/25/22	90	51	49	0
51	81	DAFFODIL CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	79	45	51	4
52	82	DAHLIA DR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	81	30	49	21
53	83	DAISY CR	FIR AV	CDS		AC	3	2	E	230	33	8,840	1/28/22	58	28	72	0
54	84	DAISY ST	ALMOND AV	BIRCHWOOD AV		AC	3	2	E	410	33	13,530	1/27/22	99	58	0	42
54	85	DAISY ST	CANDLEBERRY AV	DOGWOOD AV		AC	3	2	E	210	33	6,930	1/27/22	99	100	0	0

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55	86	DARTMOUTH CR	HARVARD LN	END		AC	4	2	E	180	34	8,120	1/27/22	81	50	50	0
56	87	DOGWOOD AV	DAISY ST	IRONWOOD AV		AC	3	2	E	1,470	33	48,510	1/27/22	99	44	0	56
56	88	DOGWOOD AV	MARIGOLD ST	FUCHSIA ST		AC	3	2	E	1,386	33	46,538	1/28/22	67	38	61	1
56	89	DOGWOOD AV	WISTERIA ST	OLEANDER ST		AC	3	2	E	1,745	33	57,585	1/28/22	99	99	0	1
57	90	DOLPHIN AV	SEAL WY	OCEAN AV		AC	1	2	E	226	24	5,424	2/3/22	74	25	75	0
57	91	DOLPHIN AV	OCEAN AV	ELECTRIC AV		AC	1	1	E	582	24	13,968	2/3/22	80	83	17	0
58	92	DORY WY	GALLEON WY	SCHOONER WY		AC	1	2	E	360	28	10,080	1/24/22	87	100	0	0
59	93	DRIFTWOOD AV	BALBOA DR	COASTLINE DR		AAC	2	2	E	1,460	33	48,180	1/25/22	76	60	39	1
60	94	EBBTIDE PL	COASTLINE PL	CDS		AC	2	2	E	230	27	7,410	1/25/22	83	67	33	0
61	20	ELDER AV	FUCHSIA ST	IRONWOOD AV		AC	3	2	E	1,467	36	52,812	1/28/22	78	80	20	0
61	95	ELDER AV	HEATHER ST	FUCHSIA ST		AC	3	2	E	520	36	18,720	1/28/22	84	71	29	0
61	96	ELDER AV	OLEANDER ST	HEATHER ST		AC	3	2	E	1,130	36	40,680	1/28/22	80	57	43	0
61	97	ELDER AV	VIOLET ST	PRIMROSE ST		AC	3	2	E	1,380	33	45,540	1/28/22	74	40	59	1
62	98	ELECTRIC AV	5TH ST	CORSAIR WY		AC	1	2	E	510	37	18,870	1/24/22	95	89	0	11
62	99	ELECTRIC AV	CORSAIR WY	CDS		AC	1	2	E	473	33	17,218	1/24/22	79	52	14	34
65	107	EMERALD COVE WY	BERYL COVE WY	JADE COVE WY		AC	5	2	E	580	33	19,140	1/25/22	92	68	32	0
66	108	EMERALD PL	EMERALD COVE WY	CDS		AC	5	2	E	230	27	7,645	1/25/22	94	100	0	0
67	109	FATHOM AV	SILVER SHOALS AV	BALBOA DR		AC	2	2	E	810	33	26,730	1/25/22	85	82	18	0
68	110	FERN CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	94	72	28	0
69	111	FIR AV	GOLDENROD ST	IRONWOOD AV		AAC	3	2	E	1,460	33	48,180	1/28/22	83	86	14	0
69	112	FIR AV	ROSE ST	HEATHER ST		AC	3	2	E	1,585	33	54,385	1/28/22	98	65	0	35
69	113	FIR AV	SUNFLOWER ST	ROSE ST		AAC	3	2	E	330	33	10,890	1/28/22	99	100	0	0
69	114	FIR AV	WISTERIA ST	SUNFLOWER ST		AAC	3	2	E	1,220	33	40,260	1/28/22	69	21	67	12
70	115	FIR CR	FIR AV	CDS		AC	3	2	E	130	60	8,900	1/28/22	84	77	20	3
72	117	FUCHSIA CR	FIR AV	CDS		AAC	3	2	E	330	33	12,140	1/28/22	80	76	24	0
71	116	FUCHSIA ST	BIRCHWOOD AV	CANDLEBERRY AV		AAC	3	2	E	210	33	6,930	2/1/22	93	100	0	0
71	405	FUCHSIA ST	CANDLEBERRY AV	ELDER AV		AAC	3	2	E	456	33	15,048	1/28/22	86	100	0	0
73	118	GALLEON WY	ELECTRIC AV	SCHOONER WY		AC	1	2	E	310	33	10,230	1/24/22	82	78	15	7
73	352	GALLEON WY	SCHOONER WY	DORY WY		AC	1	2	E	740	33	25,638	1/24/22	82	63	21	16
74	119	GOLDENROD CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	95	56	0	44
139	120	GOLDENROD ST	ELDER AV	FIR AV		AAC	3	2	E	240	33	7,692	1/28/22	89	94	0	6
139	400	GOLDENROD ST	FIR AV	CDS		AAC	3	2	E	295	33	11,494	1/28/22	89	100	0	0
75	121	GUAVA AV	IRONWOOD AV	CDS		AC	3	2	E	530	33	18,740	1/28/22	91	96	0	4
75	122	GUAVA AV	PANSY ST	HEATHER ST		AC	3	2	E	1,360	33	44,880	1/28/22	99	31	0	69
77	124	HARBOR WY	BAYSIDE DR	BAYOU WY		AAC	2	2	E	760	33	25,080	1/25/22	91	44	0	56
76	123	HARVARD LN	COLLEGE PARK DR	OCCIDENTAL LN		AC	4	2	C	1,063	37	39,331	1/27/22	88	80	20	0
76	331	HARVARD LN	OCCIDENTAL LN	(N) COLLEGE PARK DR		AC	4	2	C	1,289	37	47,693	1/27/22	87	72	21	7
76	336	HARVARD LN	(N) COLLEGE PARK DR	CDS		AC	4	2	E	992	37	37,804	1/27/22	86	78	20	2
78	125	HAZELNUT AV	GUAVA AV	HEATHER ST		AAC	3	2	E	1,210	33	39,930	1/28/22	93	94	0	6
78	126	HAZELNUT AV	HEATHER ST	ROSE ST		AC	3	2	E	1,545	33	50,985	1/28/22	79	74	26	0
78	127	HAZELNUT AV	WISTERIA ST	SUNFLOWER ST		AC	3	2	E	1,310	33	43,230	1/28/22	99	98	0	2
79	128	HEATHER CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	97	100	0	0
135	129	HEATHER ST	HAZELNUT AV	IRONWOOD AVE		AAC	3	2	E	250	37	9,250	1/28/22	74	84	16	0
135	130	HEATHER ST	ELDER AV	HAZELNUT AV		AC	3	2	E	722	37	26,714	1/28/22	60	38	61	1
135	408	HEATHER ST	IRONWOOD AVE	LAMPSON AV		AAC	3	2	E	140	37	5,180	1/28/22	92	72	28	0
80	131	IRIS CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	85	66	34	0
136	132	IRIS ST	HAZELNUT AV	IRONWOOD AV		AC	3	2	E	226	32	7,232	1/28/22	98	100	0	0

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81	133	IRONWOOD AV	CANDLEBERRY AV	ELDER AV		AC	3	2	E	524	33	17,292	1/28/22	94	100	0	0
81	134	IRONWOOD AV	ELDER AV	HEATHER ST		AC	3	2	E	1,967	33	64,911	1/28/22	86	81	16	3
81	135	IRONWOOD AV	ROSE ST	IRIS ST		AC	3	2	E	1,420	33	46,860	1/28/22	98	81	0	19
81	136	IRONWOOD AV	WISTERIA ST	TULIP ST		AC	3	2	E	322	37	11,914	1/28/22	72	44	56	0
81	137	IRONWOOD AV	TULIP ST	SUNFLOWER ST		AC	3	2	E	1,020	37	37,740	1/28/22	99	100	0	0
82	138	ISLAND VIEW DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,110	33	36,630	1/24/22	78	67	32	1
83	139	JADE COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	86	53	47	0
84	140	JASMIN CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	93	92	0	8
85	141	LAGUNA PL	MARLIN AV	CDS		AC	5	2	E	380	27	11,460	1/25/22	79	33	65	2
87	145	LANDING AV	12TH ST	11TH ST		AC	1	2	E	260	42	10,920	1/26/22	99	100	0	0
87	146	LANDING AV	SEAL BEACH BL	16TH ST		AC	1	2	E	485	22	10,670	1/26/22	67	37	62	1
87	390	LANDING AV	16TH ST	15TH ST		AC	1	2	E	228	21	4,788	1/26/22	75	40	60	0
87	391	LANDING AV	15TH ST	14TH ST		AC	1	2	E	228	21	4,788	1/26/22	70	45	55	0
87	392	LANDING AV	14TH ST	12TH ST		AC	1	2	E	502	21	10,542	1/26/22	51	48	46	6
88	147	LOYOLA PLAZA	COLLEGE PARK DR	END		AC	4	2	E	330	25	9,250	1/27/22	95	100	0	0
89	148	MAIN ST	ELECTRIC AV	PCH		AC	1	2	C	708	52	35,350	1/26/22	99	100	0	0
89	149	MAIN ST	OCEAN AV	ELECTRIC AVE		AC	1	2	C	1,190	57	67,830	1/26/22	84	40	36	24
91	152	MARBLE COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	455	33	15,815	1/25/22	94	95	0	5
92	153	MARIGOLD ST	BIRCHWOOD AV	CANDLEBERRY AV		AC	3	2	E	160	33	5,280	1/28/22	98	60	0	40
92	154	MARIGOLD ST	CANDLEBERRY AV	DOGWOOD AV		AC	3	2	E	160	33	5,280	1/28/22	76	34	66	0
93	155	MARINE AV	ELECTRIC AV	DOLPHIN AV		AC	1	1	E	320	24	7,680	2/3/22	78	55	45	0
94	156	MARLIN AV	SEAL BEACH BL	RIVIERA DR		AC	5	2	E	765	32	24,480	1/25/22	90	77	23	0
94	360	MARLIN AV	RIVIERA DR	BALBOA DR		AC	5	2	E	900	37	33,300	1/25/22	91	67	30	3
95	157	MARVISTA AV	CATALINA AV	COASTLINE DR		AC	2	2	E	1,682	33	56,106	1/25/22	87	84	14	2
95	158	MARVISTA AV	COASTLINE DR	PCH		AC	2	2	E	120	36	4,570	1/24/22	78	83	17	0
96	159	NEPTUNE AV	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	2/3/22	74	26	72	2
97	160	NORTH GATE RD	SEAL BEACH BL	1857' W/O SEAL BEACH BL		AAC	6	2	A	1,857	42	72,118	2/2/22	65	31	38	31
97	161	NORTH GATE RD	1857' W/O SEAL BEACH BL	END		AAC	6	2	A	1,857	30	55,025	2/2/22	80	62	10	28
98	162	OCCIDENTAL DR	STANFORD LN	HARVARD LN		AC	4	2	E	160	33	5,280	1/27/22	90	100	0	0
99	163	OCEAN AV	13TH ST	MAIN ST		AC	1	2	C	1,265	52	65,780	1/26/22	77	44	40	16
99	164	OCEAN AV	MAIN ST	5TH ST		AC	1	2	C	1,245	52	64,740	2/2/22	75	69	29	2
99	306	OCEAN AV	ELECTRIC AV	13TH ST		AC	1	2	C	1,308	52	61,070	1/25/22	79	76	24	0
99	307	OCEAN AV	5TH ST	1ST ST		AC	1	2	C	1,240	52	64,480	2/2/22	77	51	38	11
100	166	OLD RANCH PARKWAY	SEAL BEACH BLVD	740' W/ SEAL BEACH		AC	3	4	A	740	47	38,576	1/26/22	72	46	0	54
100	167	OLD RANCH PARKWAY	740' W/ SEAL BEACH	CDS		AC	3	2	A	1,054	34	35,691	2/4/22	72	56	26	18
101	168	OLEANDER ST	ALMOND AV (S)	ALMOND AV (N)		AC	3	2	E	155	36	5,808	1/27/22	74	24	56	20
101	410	OLEANDER ST	ALMOND AV (N)	BIRCHWOOD AV		AC	3	2	E	276	33	9,108	1/27/22	92	100	0	0
101	411	OLEANDER ST	BIRCHWOOD AV	ELDER AV		AC	3	2	E	708	36	25,488	2/4/22	88	30	67	3
101	412	OLEANDER ST	ELDER AV	FIR AV		AC	3	2	E	256	36	9,216	1/28/22	97	100	0	0
102	169	OPAL COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	94	94	0	6
113	170	PANSY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	93	95	0	5
103	171	PANSY ST	FIR AV	GUAVA AV		AC	3	2	E	160	33	5,280	1/28/22	99	0	0	100
106	174	PRIMROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	93	89	0	11
104	172	PRIMROSE ST	DOGWOOD AV	ELDER AV		AC	3	2	E	210	33	6,930	1/28/22	90	100	0	0
105	173	PRINCETON CR	HARVARD LN	CDS		AC	4	2	E	116	30	5,635	1/27/22	82	49	51	0
107	175	PURDUE CR	COLLEGE PARK DR	CDS		AC	4	2	E	110	27	5,354	1/27/22	55	32	68	0
108	176	RIVIERA DR	MARLIN AV	BOLSA AV		AC	5	2	E	560	31	17,360	1/25/22	93	97	3	0

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Sorted by Rank, Name Order (A-Z)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
137	177	ROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	94	88	0	12
109	178	ROSE ST	FIR AV	HAZELNUT AV		AC	3	2	C	390	37	14,430	1/28/22	99	100	0	0
109	179	ROSE ST	HAZELNUT AV	LAMPSON AV		AC	3	2	C	440	37	16,280	1/28/22	46	17	83	0
110	180	ROSSMOOR CENTER WY	SEAL BEACH BL	WEST RD		AC	3	2	C	864	30	25,920	2/2/22	60	23	69	8
110	181	ROSSMOOR CENTER WY	WEST RD	MONTECITO RD		AC	3	2	C	364	28	10,192	2/2/22	53	23	55	22
111	182	SANDPIPER DR	BOLSA AV	TAPER DR		AC	2	2	E	1,110	33	36,630	1/25/22	87	81	15	4
112	183	SCHOONER WY	GALLEON WY	DORY WY		AC	1	2	E	660	33	21,780	1/24/22	86	79	17	4
114	185	SEA BREEZE DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,160	33	38,280	1/25/22	88	75	0	25
115	184	SEAL BEACH BL	ELECTRIC AV	PCH		AC	1	2	A	1,510	40	60,400	1/26/22	68	43	43	14
117	194	SEAL WY	10TH ST	11TH ST		PCC	1	1	E	290	15	4,350	1/26/22	68	22	48	30
117	195	SEAL WY	DOLPHIN AV	14TH ST		PCC	1	1	E	255	13	3,315	2/2/22	91	36	29	35
117	196	SEAL WY	12TH ST	11TH ST		PCC	1	1	E	300	12	3,600	1/25/22	94	69	0	31
117	247	SEAL WY	13TH ST	12TH ST		PCC	1	1	E	295	12	3,540	1/25/22	95	87	0	13
117	248	SEAL WY	14TH ST	13TH ST		PCC	1	1	E	295	12	3,540	1/25/22	94	66	0	34
117	249	SEAL WY	NEPTUNE AV	DOLPHIN AV		PCC	1	1	E	385	13	5,005	2/2/22	83	28	43	29
117	250	SEAL WY	ELECTRIC AV	NEPTUNE AV		PCC	1	1	E	505	13	6,565	2/2/22	68	15	71	14
118	197	SILVER SHOALS AV	BOLSA AV	FATHOM AV		AAC	2	2	E	300	33	9,900	1/25/22	96	94	0	6
119	198	SOUTH SHORE DR	BOLSA AV	TAPER DR		AC	2	2	E	1,060	33	34,980	1/25/22	89	100	0	0
120	199	STANFORD LN	COLLEGE PARK DR	COLLEGE PARK DR		AC	4	2	E	1,898	32	60,736	1/27/22	100	28	15	57
138	200	SUNFLOWER CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	80	34	44	22
121	201	SUNFLOWER ST	FIR AV	IRONWOOD AV		AC	3	2	E	560	37	20,720	1/28/22	99	60	0	40
122	202	SURF PL	CATALINA AV	END		AC	2	2	E	480	33	15,840	1/24/22	86	42	55	3
123	203	TAPER DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,110	33	36,630	1/25/22	88	76	21	3
124	204	TEABERRY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	78	44	42	14
125	205	TULIP ST	IRONWOOD AV	LAMPSON AV		AAC	3	2	E	118	36	4,248	1/28/22	53	17	80	3
126	206	VIOLET ST	ALMOND AV	CANDLEBERRY AV		AC	3	2	E	660	33	21,780	1/27/22	85	49	0	51
126	207	VIOLET ST	ELDER AV	FIR AV		AC	3	2	E	160	33	5,280	1/28/22	98	100	0	0
128	210	WISTERIA ST	DOGWOOD AV	IRONWOOD AV		AC	3	2	E	1,075	37	40,575	1/28/22	54	34	65	1
128	211	WISTERIA ST	DOGWOOD AV	CDS		AC	3	2	E	794	33	27,920	1/27/22	78	54	42	4
129	212	YALE CR	END	YALE LN		AC	4	2	E	100	48	5,510	1/27/22	84	70	30	0
130	213	YALE LN	(N) COLLEGE PARK DR	(S) COLLEGE PARK DR		AC	4	2	E	1,260	33	45,968	1/27/22	88	81	19	0
										29.8		5,527,247					
		Alleys															
0131	0215	AL E/1ST	CORSAIR WY	AL S/ELECTRIC	O	AC	1	2	O	440	17	7,480	3/17/22	29	32	59	9
0148	0239	AL N/CLIPPER	CARAVEL WY	W/AL S/ELECTRIC	O	AC	1	2	O	561	17	9,537	3/17/22	21	25	75	0
0150	0242	AL E/GALLEON	ELECTRIC AV	GALLEON WY	O	AC	1	2	O	370	17	6,290	3/17/22	66	59	24	17
0150	0241	AL E/GALLEON	DORY WY	GALLEON WY	O	AC	1	2	O	683	17	11,611	3/17/22	48	15	74	11
0153	0246	AL N/MARINA	CARAVEL WY	CLIPPER WY	O	AC	1	2	O	840	17	14,280	3/17/22	30	23	71	6
0156	0254	AL S/ELECTRIC	E/AL E/1ST	CORSAIR WY	O	AC	1	2	O	220	17	3,740	3/17/22	30	70	29	1
0156	0255	AL S/ELECTRIC	CORSAIR WY	CLIPPER WY	O	AC	1	2	O	290	17	4,930	3/17/22	25	30	70	0
0157	0257	AL W/GALLEON	SCHOONER WY	DORY WY	O	AC	1	2	O	500	17	8,500	3/17/22	45	33	59	8
0157	0256	AL W/GALLEON	ELECTRIC AV	SCHOONER WY	O	AC	1	2	O	280	17	4,760	3/17/22	60	43	57	0
										0.8		71,128					

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Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
	MPAH																
63	385	ELECTRIC AV NB	MAIN ST	6TH ST	Secondary	AC	1	1	C	1,001	27	27,027	2/3/22	31	25	68	7
64	105	ELECTRIC AV SB	MAIN ST	12TH ST	Secondary	AAC	1	1	C	960	26	24,960	2/3/22	34	23	77	0
9	21	1ST ST	PCH	597' NE/PCH	Primary	AC	1	2	A	597	24	14,328	2/3/22	35	35	52	13
9	258	1ST ST NB	MARINA DR	WELCOME LN	Primary	AC	1	2	A	1,015	29	30,540	1/24/22	35	34	66	0
64	106	ELECTRIC AV SB	12TH ST	14TH ST	Secondary	AAC	1	1	C	615	26	15,990	2/3/22	35	25	71	4
115	665	SEAL BEACH BL SB	ST ANDREWS DR	WESTMINSTER BL	Major	AC	6	3	A	1,016	40	49,616	2/3/22	44	31	68	1
9	351	1ST ST SB	WELCOME LN	MARINA DR	Primary	AC	1	2	A	1,028	29	30,317	2/3/22	46	40	59	1
127	495	WESTMINSTER AVE WB	CITY LIMITS (W/ BOLSA CHICA RD)	7500' E/ KITTS HWY	Primary	AC	6	2	A	2,100	32	69,800	2/1/22	46	18	49	33
9	259	1ST ST NB	WELCOME LN	PCH	Primary	AC	1	2	A	1,117	29	40,578	1/24/22	49	40	55	5
14	333	6TH ST	ELECTRIC AV SB	MARINA DR	Secondary	AAC	1	2	E	182	36	6,355	1/26/22	49	40	60	0
86	510	LAMPSON AV EB	OLD RANCH PLAZA	735' W/ BASSWOOD ST	Secondary	AAC	6	2	A	1,930	30	56,106	2/1/22	50	26	56	18
86	500	LAMPSON AV EB	SEAL BEACH BLVD	OLD RANCH PLAZA	Secondary	AAC	6	2	A	640	25	21,806	2/1/22	51	15	81	4
86	505	LAMPSON AV WB	OLD RANCH PLAZA	SEAL BEACH BLVD	Secondary	AAC	6	2	A	670	25	20,457	2/4/22	54	47	39	14
9	350	1ST ST SB	PCH	WELCOME LN	Primary	AC	1	2	A	1,136	29	33,838	2/3/22	56	39	56	5
115	660	SEAL BEACH BL NB	WESTMINSTER BL	ST ANDREWS DR	Major	AC	6	3	A	1,016	40	42,790	2/3/22	56	42	45	13
64	104	ELECTRIC AV SB	6TH ST	MAIN ST	Secondary	AC	1	1	C	910	25	22,750	2/2/22	58	26	58	16
115	640	SEAL BEACH BL NB	APOLLO DR	ROAD C	Major	AC	6	3	A	1,765	40	82,880	2/3/22	60	25	21	54
115	685	SEAL BEACH BL SB	NORTH GATE RD	(N) GOLDEN RAIN RD	Major	AC	6	3	A	1,540	40	62,512	2/3/22	60	49	50	1
115	710	SEAL BEACH BL NB	OLD RANCH PKY	LAMPSON AV	Major	AC	6	3	A	848	46	49,325	2/4/22	62	59	40	1
115	730	SEAL BEACH BL NB	ST. CLOUD DR	PLYMOUTH DR	Major	AC	6	3	A	1,500	36	64,872	2/3/22	62	36	53	11
115	715	SEAL BEACH BL SB	LAMPSON AV	OLD RANCH PKY	Major	AC	6	3	A	830	50	48,233	2/2/22	63	63	33	4
115	725	SEAL BEACH BL SB	ST. CLOUD DR	LAMPSON AV	Major	AC	6	3	A	885	32	39,890	2/3/22	64	65	35	0
115	650	SEAL BEACH BL NB	ROAD C	WESTMINSTER BL	Major	AC	6	3	A	1,562	40	77,935	2/3/22	66	44	55	1
115	740	SEAL BEACH BL NB	PLYMOUTH DR	CITY LIMIT (BRADBURY RD)	Major	AC	6	3	A	1,090	42	53,295	2/4/22	66	51	49	0
115	615	SEAL BEACH BL SB	HERON POINTE	BOLSA AV	Major	AC	6	3	A	2,082	42	90,384	2/3/22	66	28	57	15
127	490	WESTMINSTER AVE EB	7500' E/ KITTS HWY	CITY LIMITS (W/ BOLSA CHICA RD)	Primary	AC	6	2	A	2,100	32	69,800	2/1/22	66	24	51	25
86	530	LAMPSON AV EB	BASSWOOD ST	CANDLEBERRY AV	Secondary	AAC	6	2	A	1,275	28	36,105	2/2/22	67	38	50	12
115	655	SEAL BEACH BL SB	WESTMINSTER BL	ROAD C	Major	AC	6	3	A	1,465	40	69,910	2/3/22	67	23	49	28
115	675	SEAL BEACH BL SB	GOLDEN RAIN RD (N)	ST ANDREWS DR	Major	AC	6	3	A	1,964	42	83,602	2/3/22	67	42	58	0
86	540	LAMPSON AV EB	CANDLEBERRY AV	HEATHER ST	Secondary	AC	6	2	A	2,605	29	74,883	2/2/22	69	20	41	39
115	630	SEAL BEACH BL NB	ADOLFO LOPEZ DR	APOLLO DR	Major	AC	6	3	A	585	50	30,310	2/3/22	69	35	36	29
86	525	LAMPSON AV WB	BASSWOOD ST	735' W/ BASSWOOD ST	Secondary	AAC	6	2	A	715	30	21,620	2/4/22	70	49	41	10
86	565	LAMPSON AV WB	TULIP ST	ROSE ST	Secondary	AC	6	2	A	1,226	26	34,607	2/2/22	70	46	54	0
115	635	SEAL BEACH BL SB	APOLLO DR	ADOLFO LOPEZ DR	Major	AC	6	3	A	585	49	28,735	2/3/22	70	42	15	43
86	550	LAMPSON AV EB	HEATHER ST	ROSE ST	Secondary	AC	6	2	A	1,580	30	51,025	2/2/22	71	18	62	20
86	515	LAMPSON AV WB	735' W/ BASSWOOD ST	OLD RANCH PLAZA	Secondary	AAC	6	2	A	1,890	30	55,127	2/4/22	71	36	36	28
86	520	LAMPSON AV EB	735' W/ BASSWOOD ST	BASSWOOD ST	Secondary	AAC	6	2	A	735	30	21,985	2/2/22	72	27	73	0
115	600	SEAL BEACH BL NB	PCH	BOLSA AV	Major	AAC	6	3	A	1,735	42	79,396	2/3/22	73	36	44	20
31	51	BOLSA AV	SEAL BEACH BL	BALBOA DR	Secondary	AC	2	2	C	2,006	36	72,216	1/25/22	74	63	17	20
115	670	SEAL BEACH BL NB	ST ANDREWS DR	GOLDEN RAIN RD (N)	Major	AC	6	3	A	1,964	40	83,499	2/4/22	75	51	36	13
115	680	SEAL BEACH BL NB	(N) GOLDEN RAIN RD	NORTH GATE RD	Major	AC	6	3	A	1,530	40	69,846	2/4/22	75	57	34	9
127	455	WESTMINSTER AVE WB	KITTS HWY	SEAL BEACH BL	Primary	AC	6	2	A	800	25	26,634	2/3/22	75	59	10	31
86	535	LAMPSON AV WB	CANDLEBERRY AV	BASSWOOD ST	Secondary	AAC	6	2	A	1,290	29	39,082	2/2/22	76	38	36	26
115	610	SEAL BEACH BL NB	BOLSA AV	HERON POINTE	Major	AC	6	3	A	2,050	42	89,779	2/3/22	77	53	45	2
115	645	SEAL BEACH BL SB	ROAD C	APOLLO DR	Major	AC	6	3	A	1,805	40	75,410	2/3/22	77	35	29	36

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Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
115	735	SEAL BEACH BL SB	PLYMOUTH DR	ST. CLOUD DR	Major	AC	6	3	A	1,500	36	60,923	2/2/22	77	56	38	6
86	560	LAMPSON AV EB	ROSE ST	TULIP ST	Secondary	AC	6	2	A	1,262	29	39,482	2/2/22	78	35	65	0
86	570	LAMPSON AV EB	TULIP ST	CITY LIMITS	Secondary	AC	6	2	A	442	30	13,260	2/2/22	78	33	20	47
86	545	LAMPSON AV WB	HEATHER ST	CANDLEBERRY AV	Secondary	AC	6	2	A	2,625	29	78,233	2/2/22	78	49	28	23
86	555	LAMPSON AV WB	ROSE ST	HEATHER ST	Secondary	AC	6	2	A	1,580	27	46,077	2/2/22	78	40	53	7
115	720	SEAL BEACH BL NB	LAMPSON AV	ST. CLOUD DR	Major	AC	6	3	A	905	32	39,382	2/3/22	78	69	25	6
115	605	SEAL BEACH BL SB	BOLSA AV	PCH	Major	AAC	6	3	A	1,705	42	72,146	2/3/22	78	45	52	3
115	745	SEAL BEACH BL SB	CITY LIMIT (BRADBURY RD)	PLYMOUTH DR	Major	AC	6	3	A	1,090	40	47,895	2/2/22	79	57	22	21
115	620	SEAL BEACH BL NB	HERON POINTE	ADOLFO LOPEZ DR	Major	AC	6	3	A	1,235	42	55,188	2/3/22	81	53	47	0
115	625	SEAL BEACH BL SB	ADOLFO LOPEZ DR	HERON POINTE	Major	AC	6	3	A	1,240	42	55,060	2/3/22	81	56	24	20
86	575	LAMPSON AV WB	CITY LIMITS	TULIP ST	Secondary	AC	6	2	A	442	26	13,656	2/2/22	82	63	31	6
127	450	WESTMINSTER AVE EB	SEAL BEACH BL	KITTS HWY	Primary	AC	6	2	A	775	36	35,168	2/1/22	84	73	27	0
127	485	WESTMINSTER AVE WB	7500' E/ KITTS HWY	5000' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	84	29	39	32
127	475	WESTMINSTER AVE WB	5000' E/ KITTS HWY	2500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	86	57	15	28
127	460	WESTMINSTER AVE EB	KITTS HWY	2500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	87	72	18	10
127	465	WESTMINSTER AVE WB	2500' E/ KITTS HWY	KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	87	48	13	39
62	100	ELECTRIC AV	SEAL BEACH BL	END	Secondary	AC	1	2	C	215	32	7,653	2/3/22	88	48	22	30
63	101	ELECTRIC AV NB	SEAL BEACH BL	14TH ST (S)	Secondary	AAC	1	1	C	860	27	23,220	1/26/22	88	63	37	0
64	386	ELECTRIC AV SB	14TH ST	SEAL BEACH BL	Secondary	AAC	1	1	C	795	26	21,555	2/3/22	88	74	26	0
63	103	ELECTRIC AV NB	12TH ST	MAIN ST	Secondary	AC	1	1	C	913	27	25,101	1/26/22	89	80	20	0
127	480	WESTMINSTER AVE EB	5000' E/ KITTS HWY	7500' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	89	34	44	22
127	470	WESTMINSTER AVE EB	2500' E/ KITTS HWY	5000' E/ KITTS HWY	Primary	AC	6	2	A	2,500	32	80,000	2/1/22	90	36	17	47
63	102	ELECTRIC AV NB	14TH ST (S)	12TH ST	Secondary	AC	1	1	C	685	27	18,495	1/26/22	91	76	24	0
127	440	WESTMINSTER AVE EB	ROAD B	SEAL BEACH BLVD	Primary	AC	6	2	A	1,685	33	72,592	2/1/22	93	55	0	45
127	430	WESTMINSTER AVE EB	APOLLO DR	ROAD B	Primary	AC	6	2	A	1,140	33	38,875	2/1/22	95	89	0	11
127	445	WESTMINSTER AVE WB	SEAL BEACH BLVD	ROAD B	Primary	AC	6	2	A	1,685	33	56,105	2/1/22	95	100	0	0
127	420	WESTMINSTER AVE EB	CITY LIMIT	APOLLO DR	Primary	AC	6	2	A	1,445	33	49,825	2/1/22	96	84	0	16
127	425	WESTMINSTER AVE WB	APOLLO DR	CITY LIMIT	Primary	AC	6	2	A	1,445	33	44,002	2/1/22	96	100	0	0
127	435	WESTMINSTER AVE WB	ROAD B	APOLLO DR	Primary	AC	6	2	A	1,140	33	41,270	2/1/22	96	85	0	15
31	52	BOLSA AV	BALBOA DR	PCH	Secondary	AC	2	2	C	1,046	36	42,962	1/25/22	99	100	0	0
90	150	MARINA DR	PCH	6TH ST	Secondary	AC	1	3	C	629	61	38,369	1/24/22	99	75	0	25
90	151	MARINA DR	6TH ST	1ST ST	Collector	AC	1	2	C	1,650	45	79,246	1/24/22	99	64	0	36
90	304	MARINA DR	1ST ST	CITY LIMIT (SAN GABRIEL RIVER)	Secondary	AC	1	2	C	560	50	27,585	1/24/22	100	31	34	35
										19.6		3,813,480					
	Locals																
1	3	10TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/26/22	31	30	70	0
30	50	BLUEBELL ST	ALMOND AV	BIRCHWOOD AV		AC	3	2	E	996	33	33,345	1/27/22	44	21	79	0
109	179	ROSE ST	HAZELNUT AV	LAMPSON AV		AC	3	2	C	440	37	16,280	1/28/22	46	17	83	0
87	392	LANDING AV	14TH ST	12TH ST		AC	1	2	E	502	21	10,542	1/26/22	51	48	46	6
110	181	ROSSMOOR CENTER WY	WEST RD	MONTECITO RD		AC	3	2	C	364	28	10,192	2/2/22	53	23	55	22
125	205	TULIP ST	IRONWOOD AV	LAMPSON AV		AAC	3	2	E	118	36	4,248	1/28/22	53	17	80	3
128	210	WISTERIA ST	DOGWOOD AV	IRONWOOD AV		AC	3	2	E	1,075	37	40,575	1/28/22	54	34	65	1
33	54	CANDLEBERRY AV	FUCHSIA ST	ASTER AV		AAC	3	2	E	1,770	36	63,720	2/1/22	55	30	65	5
107	175	PURDUE CR	COLLEGE PARK DR	CDS		AC	4	2	E	110	27	5,354	1/27/22	55	32	68	0
2	5	11TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	56	23	60	17
17	33	ADOLFO LOPEZ DR	SEAL BEACH BL	425 W/SEAL BEACH BL		AAC	6	2	A	425	60	25,500	1/26/22	56	63	10	27

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53	83	DAISY CR	FIR AV	CDS		AC	3	2	E	230	33	8,840	1/28/22	58	28	72	0
3	9	12TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	1/25/22	59	44	56	0
135	130	HEATHER ST	ELDER AV	HAZELNUT AV		AC	3	2	E	722	37	26,714	1/28/22	60	38	61	1
110	180	ROSSMOOR CENTER WY	SEAL BEACH BL	WEST RD		AC	3	2	C	864	30	25,920	2/2/22	60	23	69	8
23	43	BANYAN AV	CAMELIA ST	COLUMBINE ST		AC	3	2	E	600	33	19,800	1/27/22	61	37	62	1
97	160	NORTH GATE RD	SEAL BEACH BL	1857' W/O SEAL BEACH BL		AAC	6	2	A	1,857	42	72,118	2/2/22	65	31	38	31
56	88	DOGWOOD AV	MARIGOLD ST	FUCHSIA ST		AC	3	2	E	1,386	33	46,538	1/28/22	67	38	61	1
87	146	LANDING AV	SEAL BEACH BL	16TH ST		AC	1	2	E	485	22	10,670	1/26/22	67	37	62	1
115	184	SEAL BEACH BL	ELECTRIC AV	PCH		AC	1	2	A	1,510	40	60,400	1/26/22	68	43	43	14
117	194	SEAL WY	10TH ST	11TH ST		PCC	1	1	E	290	15	4,350	1/26/22	68	22	48	30
117	250	SEAL WY	ELECTRIC AV	NEPTUNE AV		PCC	1	1	E	505	13	6,565	2/2/22	68	15	71	14
22	42	BALBOA DR	PCH	BOLSA AV		AC	2	2	E	660	37	24,420	1/25/22	69	34	56	10
69	114	FIR AV	WISTERIA ST	SUNFLOWER ST		AAC	3	2	E	1,220	33	40,260	1/28/22	69	21	67	12
43	72	COLUMBINE ST	ALMOND AV	BANYAN AV		AC	3	2	E	210	33	6,930	1/27/22	70	40	59	1
87	391	LANDING AV	15TH ST	14TH ST		AC	1	2	E	228	21	4,788	1/26/22	70	45	55	0
13	26	5TH ST	MARINA DR	CENTRAL AV		AC	1	2	C	775	36	27,900	1/26/22	71	60	35	5
13	370	5TH ST	CENTRAL AV	OCEAN AV		AC	1	2	C	626	36	22,536	1/26/22	71	43	27	30
81	136	IRONWOOD AV	WISTERIA ST	TULIP ST		AC	3	2	E	322	37	11,914	1/28/22	72	44	56	0
100	166	OLD RANCH PARKWAY	SEAL BEACH BLVD	740' W/ SEAL BEACH		AC	3	4	A	740	47	38,576	1/26/22	72	46	0	54
100	167	OLD RANCH PARKWAY	740' W/ SEAL BEACH	CDS		AC	3	2	A	1,054	34	35,691	2/4/22	72	56	26	18
5	15	14TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	73	23	36	41
19	311	ALMOND AV	IRIS CR	DAISY ST		AC	3	2	E	975	36	35,100	1/27/22	73	19	48	33
9	19	1ST ST	OCEAN AV	MARINA DR		AC	1	2	A	887	40	35,480	1/24/22	74	21	0	79
57	90	DOLPHIN AV	SEAL WY	OCEAN AV		AC	1	2	E	226	24	5,424	2/3/22	74	25	75	0
61	97	ELDER AV	VIOLET ST	PRIMROSE ST		AC	3	2	E	1,380	33	45,540	1/28/22	74	40	59	1
135	129	HEATHER ST	HAZELNUT AV	IRONWOOD AVE		AAC	3	2	E	250	37	9,250	1/28/22	74	84	16	0
96	159	NEPTUNE AV	SEAL WY	OCEAN AV		AC	1	2	E	210	24	5,040	2/3/22	74	26	72	2
101	168	OLEANDER ST	ALMOND AV (S)	ALMOND AV (N)		AC	3	2	E	155	36	5,808	1/27/22	74	24	56	20
33	56	CANDLEBERRY AV	WISTERIA ST	OLEANDER ST		AC	3	2	E	1,690	33	55,770	1/27/22	75	36	64	0
37	354	CATALINA AV	BALBOA DR	SEA BREEZE DR		AC	2	2	E	1,182	37	43,734	1/24/22	75	54	37	9
87	390	LANDING AV	16TH ST	15TH ST		AC	1	2	E	228	21	4,788	1/26/22	75	40	60	0
99	164	OCEAN AV	MAIN ST	5TH ST		AC	1	2	C	1,245	52	64,740	2/2/22	75	69	29	2
2	6	11TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	965	40	36,000	1/25/22	76	53	37	10
19	35	ALMOND AV	DAISY ST	ASTER ST		AC	3	2	E	1,950	36	70,200	1/27/22	76	32	34	34
44	74	COLLEGE PARK DR	(S) HARVARD LN	CITY LIMIT		AC	4	2	C	940	30	32,365	2/1/22	76	45	52	3
59	93	DRIFTWOOD AV	BALBOA DR	COASTLINE DR		AAC	2	2	E	1,460	33	48,180	1/25/22	76	60	39	1
92	154	MARIGOLD ST	CANDLEBERRY AV	DOGWOOD AV		AC	3	2	E	160	33	5,280	1/28/22	76	34	66	0
3	7	12TH ST	ELECTRIC AV NB	PCH		AAC	1	2	C	872	36	31,392	1/26/22	77	58	42	0
4	12	13TH ST	SEAL WY	OCEAN AV		AC	1	2	E	210	25	5,250	1/25/22	77	30	0	70
11	23	3RD ST	OCEAN AV	CENTRAL AV		AC	1	2	E	760	40	30,400	1/24/22	77	28	71	1
13	25	5TH ST	MARINA DR	PCH		AC	1	4	C	683	60	41,280	1/25/22	77	49	39	12
14	27	6TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,384	37	51,208	1/26/22	77	70	9	21
42	358	COASTLINE DR	SILVER SHOALS AVE	MARVISTA DR		AC	2	2	E	999	37	36,963	1/25/22	77	35	63	2
99	163	OCEAN AV	13TH ST	MAIN ST		AC	1	2	C	1,265	52	65,780	1/26/22	77	44	40	16
99	307	OCEAN AV	5TH ST	1ST ST		AC	1	2	C	1,240	52	64,480	2/2/22	77	51	38	11
1	2	10TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	950	40	38,000	1/26/22	78	89	11	0
61	20	ELDER AV	FUCHSIA ST	IRONWOOD AV		AC	3	2	E	1,467	36	52,812	1/28/22	78	80	20	0

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82	138	ISLAND VIEW DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,110	33	36,630	1/24/22	78	67	32	1
93	155	MARINE AV	ELECTRIC AV	DOLPHIN AV		AC	1	1	E	320	24	7,680	2/3/22	78	55	45	0
95	158	MARVISTA AV	COASTLINE DR	PCH		AC	2	2	E	120	36	4,570	1/24/22	78	83	17	0
124	204	TEABERRY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	78	44	42	14
128	211	WISTERIA ST	DOGWOOD AV	CDS		AC	3	2	E	794	33	27,920	1/27/22	78	54	42	4
10	22	2ND ST	OCEAN AV	CENTRAL AV		AC	1	2	E	860	40	34,400	1/24/22	79	30	40	30
12	24	4TH ST	OCEAN AV	CENTRAL AVE ROUNDABOUT		AC	1	2	E	660	36	23,760	1/26/22	79	30	43	27
39	65	CENTRAL WY	2ND ST	1ST ST		AC	1	2	E	260	40	10,400	1/24/22	79	30	59	11
42	71	COASTLINE DR	MARVISTA DR	CARMEL DR		AC	2	2	E	455	33	15,015	1/24/22	79	46	52	2
51	81	DAFFODIL CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	79	45	51	4
62	99	ELECTRIC AV	CORSAIR WY	CDS		AC	1	2	E	473	33	17,218	1/24/22	79	52	14	34
78	126	HAZELNUT AV	HEATHER ST	ROSE ST		AC	3	2	E	1,545	33	50,985	1/28/22	79	74	26	0
85	141	LAGUNA PL	MARLIN AV	CDS		AC	5	2	E	380	27	11,460	1/25/22	79	33	65	2
99	306	OCEAN AV	ELECTRIC AV	13TH ST		AC	1	2	C	1,308	52	61,070	1/25/22	79	76	24	0
25	45	BAYSIDE DR	BOLSA AV	CRESTVIEW AV		AC	2	2	E	1,410	33	46,530	1/24/22	80	55	44	1
33	55	CANDLEBERRY AV	MARIGOLD ST	FUCHSIA ST		AAC	3	2	E	1,392	37	51,504	1/27/22	80	70	28	2
42	357	COASTLINE DR	BALBOA DR	SILVER SHOALS AVE		AC	2	2	E	795	33	26,235	1/25/22	80	45	46	9
57	91	DOLPHIN AV	OCEAN AV	ELECTRIC AV		AC	1	1	E	582	24	13,968	2/3/22	80	83	17	0
61	96	ELDER AV	OLEANDER ST	HEATHER ST		AC	3	2	E	1,130	36	40,680	1/28/22	80	57	43	0
72	117	FUCHSIA CR	FIR AV	CDS		AAC	3	2	E	330	33	12,140	1/28/22	80	76	24	0
97	161	NORTH GATE RD	1857' W/O SEAL BEACH BL	END		AAC	6	2	A	1,857	30	55,025	2/2/22	80	62	10	28
138	200	SUNFLOWER CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	80	34	44	22
52	82	DAHLIA DR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	81	30	49	21
55	86	DARTMOUTH CR	HARVARD LN	END		AC	4	2	E	180	34	8,120	1/27/22	81	50	50	0
32	53	CAMELIA ST	ALMOND AV	BANYAN AV		AC	3	2	E	590	33	19,470	1/27/22	82	72	28	0
48	310	CRESTVIEW AV	CREST DR	AVALON DR		AAC	2	2	E	925	33	30,525	1/24/22	82	58	27	15
73	118	GALLEON WY	ELECTRIC AV	SCHOONER WY		AC	1	2	E	310	33	10,230	1/24/22	82	78	15	7
73	352	GALLEON WY	SCHOONER WY	DORY WY		AC	1	2	E	740	33	25,638	1/24/22	82	63	21	16
105	173	PRINCETON CR	HARVARD LN	CDS		AC	4	2	E	116	30	5,635	1/27/22	82	49	51	0
19	37	ALMOND AV	ROSE CR	OLEANDER ST		AC	3	2	E	705	37	26,085	1/27/22	83	43	17	40
19	312	ALMOND AV	OLEANDER ST	IRIS CR		AC	3	2	E	1,120	36	40,320	1/27/22	83	25	37	38
29	49	BIRCHWOOD AV	DAISY ST	ASTER ST		AAC	3	2	E	1,650	33	54,450	1/27/22	83	50	37	13
37	60	CATALINA AV	COASTLINE DR	SURF PL		AC	2	2	E	570	38	21,660	1/24/22	83	38	62	0
60	94	EBBTIDE PL	COASTLINE PL	CDS		AC	2	2	E	230	27	7,410	1/25/22	83	67	33	0
69	111	FIR AV	GOLDENROD ST	IRONWOOD AV		AAC	3	2	E	1,460	33	48,180	1/28/22	83	86	14	0
117	249	SEAL WY	NEPTUNE AV	DOLPHIN AV		PCC	1	1	E	385	13	5,005	2/2/22	83	28	43	29
26	46	BAYOU WY	BAYSIDE DR	HARBOR WY		AAC	2	2	E	630	33	20,790	1/25/22	84	75	22	3
61	95	ELDER AV	HEATHER ST	FUCHSIA ST		AC	3	2	E	520	36	18,720	1/28/22	84	71	29	0
70	115	FIR CR	FIR AV	CDS		AC	3	2	E	130	60	8,900	1/28/22	84	77	20	3
89	149	MAIN ST	OCEAN AV	ELECTRIC AVE		AC	1	2	C	1,190	57	67,830	1/26/22	84	40	36	24
129	212	YALE CR	END	YALE LN		AC	4	2	E	100	48	5,510	1/27/22	84	70	30	0
5	365	14TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	E	102	36	3,645	2/3/22	85	68	32	0
18	34	AGUA PL	MARLIN AV	CDS		AAC	5	2	E	220	27	7,040	1/25/22	85	42	11	47
27	47	BEACHCOMBER DR	BOLSA AV	SEA BREEZE DR		AAC	2	2	E	1,160	33	38,280	1/24/22	85	68	20	12
49	79	CRYSTAL COVE WY	MARBLE COVE WY	OPAL COVE WY		AAC	5	2	E	520	33	17,160	1/25/22	85	42	56	2
67	109	FATHOM AV	SILVER SHOALS AV	BALBOA DR		AC	2	2	E	810	33	26,730	1/25/22	85	82	18	0
80	131	IRIS CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	85	66	34	0

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126	206	VIOLET ST	ALMOND AV	CANDLEBERRY AV		AC	3	2	E	660	33	21,780	1/27/22	85	49	0	51
1	1	10TH ST	ELECTRIC AV	PCH		AC	1	2	E	660	40	26,400	2/2/22	86	33	65	2
20	38	ASTER ST	ALMOND AV	BIRCHWOOD AV		AAC	3	2	E	1,239	37	45,843	1/27/22	86	91	1	8
37	353	CATALINA AV	AVALON DR	BALBOA DR		AC	2	2	E	535	37	19,795	1/24/22	86	67	33	0
37	356	CATALINA AV	BAYSIDE DR	CDS		AC	2	2	E	828	37	31,442	1/24/22	86	69	25	6
39	67	CENTRAL WY	5TH ST	4TH ST		AC	1	2	E	260	38	9,880	1/26/22	86	47	48	5
48	309	CRESTVIEW AV	BAYSIDE DR	CREST DR		AAC	2	2	E	1,130	33	37,290	1/24/22	86	56	15	29
71	405	FUCHSIA ST	CANDLEBERRY AV	ELDER AV		AAC	3	2	E	456	33	15,048	1/28/22	86	100	0	0
76	336	HARVARD LN	(N) COLLEGE PARK DR	CDS		AC	4	2	E	992	37	37,804	1/27/22	86	78	20	2
81	134	IRONWOOD AV	ELDER AV	HEATHER ST		AC	3	2	E	1,967	33	64,911	1/28/22	86	81	16	3
83	139	JADE COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	86	53	47	0
112	183	SCHOONER WY	GALLEON WY	DORY WY		AC	1	2	E	660	33	21,780	1/24/22	86	79	17	4
122	202	SURF PL	CATALINA AV	END		AC	2	2	E	480	33	15,840	1/24/22	86	42	55	3
5	14	14TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	660	36	23,760	1/25/22	87	91	0	9
20	39	ASTER ST	BIRCHWOOD AV	CANDLEBERRY AV		AAC	3	2	E	206	37	7,622	1/27/22	87	59	37	4
37	355	CATALINA AV	SEA BREEZE DR	BAYSIDE DR		AC	2	2	E	510	37	18,870	1/24/22	87	62	38	0
42	70	COASTLINE DR	CARMEL AV	CDS		AC	2	2	E	480	27	14,110	1/24/22	87	69	31	0
44	395	COLLEGE PARK DR	YALE LN (S)	YALE LN (N)		AC	4	2	C	1,083	36	38,988	1/27/22	87	72	28	0
47	77	CREST DR	CATALINA AV	CRESTVIEW AV		AAC	2	2	E	210	33	6,930	1/24/22	87	51	0	49
58	92	DORY WY	GALLEON WY	SCHOONER WY		AC	1	2	E	360	28	10,080	1/24/22	87	100	0	0
76	331	HARVARD LN	OCCIDENTAL LN	(N) COLLEGE PARK DR		AC	4	2	C	1,289	37	47,693	1/27/22	87	72	21	7
95	157	MARVISTA AV	CATALINA AV	COASTLINE DR		AC	2	2	E	1,682	33	56,106	1/25/22	87	84	14	2
111	182	SANDPIPER DR	BOLSA AV	TAPER DR		AC	2	2	E	1,110	33	36,630	1/25/22	87	81	15	4
3	388	12TH ST	ELECTRIC AV SB	ELECTRIC AV NB		AC	1	2	C	102	37	3,774	2/3/22	88	73	27	0
6	16	15TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,110	21	23,310	1/26/22	88	78	22	0
12	376	4TH ST	CENTRAL AVE ROUNDABOUT	MARINA DR		AC	1	2	E	502	36	18,072	1/26/22	88	77	21	2
16	31	8TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,150	40	46,000	1/26/22	88	62	20	18
21	40	AVALON DR	CATALINA AV	END		AC	2	2	E	430	33	14,190	1/24/22	88	63	37	0
41	69	CLOVER CR	ALMOND AV	CDS		AC	3	2	E	130	33	5,540	1/27/22	88	80	20	0
76	123	HARVARD LN	COLLEGE PARK DR	OCCIDENTAL LN		AC	4	2	C	1,063	37	39,331	1/27/22	88	80	20	0
101	411	OLEANDER ST	BIRCHWOOD AV	ELDER AV		AC	3	2	E	708	36	25,488	2/4/22	88	30	67	3
114	185	SEA BREEZE DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,160	33	38,280	1/25/22	88	75	0	25
123	203	TAPER DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,110	33	36,630	1/25/22	88	76	21	3
130	213	YALE LN	(N) COLLEGE PARK DR	(S) COLLEGE PARK DR		AC	4	2	E	1,260	33	45,968	1/27/22	88	81	19	0
8	18	17TH ST	ELECTRIC AV	PCH		AC	1	1	E	1,260	21	26,460	1/26/22	89	16	64	20
12	375	4TH ST	CENTRAL AVE ROUNDABOUT	CENTRAL AVE ROUNDABOUT		PCC	1	2	E	70	60	4,200	1/26/22	89	46	54	0
24	44	BASSWOOD ST	ASTER ST	LAMPSON AV		AC	3	2	C	410	36	14,760	2/1/22	89	61	28	11
44	337	COLLEGE PARK DR	HARVARD LN (N)	YALE LN (N)		AC	4	2	C	908	37	34,585	1/27/22	89	78	22	0
45	75	CORAL PL	CDS	BAYSIDE DR		AC	2	2	E	230	27	7,310	1/25/22	89	100	0	0
139	120	GOLDENROD ST	ELDER AV	FIR AV		AAC	3	2	E	240	33	7,692	1/28/22	89	94	0	6
139	400	GOLDENROD ST	FIR AV	CDS		AAC	3	2	E	295	33	11,494	1/28/22	89	100	0	0
119	198	SOUTH SHORE DR	BOLSA AV	TAPER DR		AC	2	2	E	1,060	33	34,980	1/25/22	89	100	0	0
19	36	ALMOND AV	VIOLET ST	ROSE CR		AC	3	2	E	765	37	28,305	1/27/22	90	46	0	54
34	57	CARMEL AV	SURF PL	COASTLINE DR		AAC	2	2	E	360	37	13,320	1/24/22	90	68	32	0
38	62	CENTRAL AV	1ST ST	2ND ST		AAC	1	1	C	270	18	5,196	2/3/22	90	100	0	0
46	76	CORSAIR WY	CARAVEL WY	SCHOONER WY		AC	1	2	E	1,020	33	33,660	1/24/22	90	39	0	61
48	78	CRESTVIEW AV	CATALINA AV	BAYSIDE DR		AAC	2	2	E	1,130	33	37,290	1/24/22	90	61	0	39

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Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
50	80	CRYSTAL PL	CRYSTAL COVE WY	CDS		AC	5	2	E	240	27	7,695	1/25/22	90	51	49	0
94	156	MARLIN AV	SEAL BEACH BL	RIVIERA DR		AC	5	2	E	765	32	24,480	1/25/22	90	77	23	0
98	162	OCCIDENTAL DR	STANFORD LN	HARVARD LN		AC	4	2	E	160	33	5,280	1/27/22	90	100	0	0
104	172	PRIMROSE ST	DOGWOOD AV	ELDER AV		AC	3	2	E	210	33	6,930	1/28/22	90	100	0	0
15	28	7TH ST	ELECTRIC AV	MARINA DR		AAC	1	2	E	302	36	10,872	2/2/22	91	100	0	0
15	29	7TH ST	OCEAN AV	ELECTRIC AV		AAC	1	2	E	1,280	40	51,200	1/26/22	91	39	29	32
29	313	BIRCHWOOD AV	OLEANDER ST	DAISY ST		AAC	3	2	E	1,950	33	64,350	1/28/22	91	74	26	0
35	58	CARNATION CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	91	65	35	0
38	64	CENTRAL AV	4TH ST	6TH ST		AAC	1	2	C	572	36	20,592	1/25/22	91	71	29	0
75	121	GUAVA AV	IRONWOOD AV	CDS		AC	3	2	E	530	33	18,740	1/28/22	91	96	0	4
77	124	HARBOR WY	BAYSIDE DR	BAYOU WY		AAC	2	2	E	760	33	25,080	1/25/22	91	44	0	56
94	360	MARLIN AV	RIVIERA DR	BALBOA DR		AC	5	2	E	900	37	33,300	1/25/22	91	67	30	3
117	195	SEAL WY	DOLPHIN AV	14TH ST		PCC	1	1	E	255	13	3,315	2/2/22	91	36	29	35
4	11	13TH ST	OCEAN AV	ELECTRIC AV		AC	1	2	E	710	40	28,400	1/25/22	92	100	0	0
5	13	14TH ST	ELECTRIC AV	PCH		AAC	1	2	E	1,010	21	21,210	1/26/22	92	100	0	0
37	61	CATALINA AV	SURF PL	AVALON DR		AC	2	2	E	830	37	30,710	1/24/22	92	69	31	0
38	63	CENTRAL AV	2ND ST	4TH ST		AAC	1	2	C	585	36	21,060	1/24/22	92	75	25	0
38	380	CENTRAL AV	6TH ST	7TH ST		AAC	1	2	C	270	36	9,720	1/25/22	92	89	3	8
39	66	CENTRAL WY	4TH ST	2ND ST		AC	1	2	E	560	38	21,280	1/25/22	92	67	0	33
40	68	CLIPPER WY	CARAVEL WY	ELECTRIC AV		AC	1	2	E	910	33	30,030	1/24/22	92	94	0	6
44	73	COLLEGE PARK DR	YALE LN (S)	HARVARD LN (S)		AC	4	2	C	635	36	22,860	1/27/22	92	61	33	6
65	107	EMERALD COVE WY	BERYL COVE WY	JADE COVE WY		AC	5	2	E	580	33	19,140	1/25/22	92	68	32	0
135	408	HEATHER ST	IRONWOOD AVE	LAMPSON AV		AAC	3	2	E	140	37	5,180	1/28/22	92	72	28	0
101	410	OLEANDER ST	ALMOND AV (N)	BIRCHWOOD AV		AC	3	2	E	276	33	9,108	1/27/22	92	100	0	0
17	32	ADOLFO LOPEZ DR	425 W/SEAL BEACH BL	CDS		AAC	6	2	A	850	60	51,366	1/26/22	93	100	0	0
38	382	CENTRAL AV	MAIN ST	10TH ST		AAC	1	2	C	265	36	9,540	1/25/22	93	100	0	0
71	116	FUCHSIA ST	BIRCHWOOD AV	CANDLEBERRY AV		AAC	3	2	E	210	33	6,930	2/1/22	93	100	0	0
78	125	HAZELNUT AV	GUAVA AV	HEATHER ST		AAC	3	2	E	1,210	33	39,930	1/28/22	93	94	0	6
84	140	JASMIN CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	93	92	0	8
113	170	PANSY CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	93	95	0	5
106	174	PRIMROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	93	89	0	11
108	176	RIVIERA DR	MARLIN AV	BOLSA AV		AC	5	2	E	560	31	17,360	1/25/22	93	97	3	0
16	30	8TH ST	ELECTRIC AV	PCH		AAC	1	2	E	502	36	18,072	2/2/22	94	95	0	5
28	48	BERYL COVE WY	EMERALD COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	94	100	0	0
38	381	CENTRAL AV	7TH ST	MAIN ST		AAC	1	2	C	586	36	21,096	1/25/22	94	92	3	5
38	383	CENTRAL AV	10TH ST	12TH ST		AAC	1	2	C	565	36	20,340	1/25/22	94	97	3	0
66	108	EMERALD PL	EMERALD COVE WY	CDS		AC	5	2	E	230	27	7,645	1/25/22	94	100	0	0
68	110	FERN CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	94	72	28	0
81	133	IRONWOOD AV	CANDLEBERRY AV	ELDER AV		AC	3	2	E	524	33	17,292	1/28/22	94	100	0	0
91	152	MARBLE COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	455	33	15,815	1/25/22	94	95	0	5
102	169	OPAL COVE WY	CRYSTAL COVE WY	MARLIN AV		AC	5	2	E	445	33	15,485	1/25/22	94	94	0	6
137	177	ROSE CR	ALMOND AV	CDS		AC	3	2	E	430	33	15,440	1/27/22	94	88	0	12
117	196	SEAL WY	12TH ST	11TH ST		PCC	1	1	E	300	12	3,600	1/25/22	94	69	0	31
117	248	SEAL WY	14TH ST	13TH ST		PCC	1	1	E	295	12	3,540	1/25/22	94	66	0	34
2	4	11TH ST	ELECTRIC AV	LANDING AV		AAC	1	2	E	210	37	7,770	1/26/22	95	64	36	0
4	10	13TH ST	ELECTRIC AV	PCH		AAC	1	1	E	1,013	21	20,160	1/26/22	95	100	0	0
10	334	2ND ST	CENTRAL AV	MARINA DR		AC	1	2	E	105	40	4,200	1/24/22	95	100	0	0

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Sorted by Rank, PCI Order (0-100)

Branch ID	Sec ID	Name	From	To	MPAH	Type	Zone	Lanes	Rank	Length	Width	Area	Insp. Date	PCI	PCI Pct Climate	PCI Pct Load	PCI Pct Other
33	303	CANDLEBERRY AV	ASTER ST	LAMPSON AV		AAC	3	2	E	365	36	13,140	2/1/22	95	74	0	26
36	59	CARAVEL WY	MARINA DR	CORSAIR WY		AC	1	2	E	360	37	13,320	1/24/22	95	100	0	0
62	98	ELECTRIC AV	5TH ST	CORSAIR WY		AC	1	2	E	510	37	18,870	1/24/22	95	89	0	11
74	119	GOLDENROD CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	95	56	0	44
88	147	LOYOLA PLAZA	COLLEGE PARK DR	END		AC	4	2	E	330	25	9,250	1/27/22	95	100	0	0
117	247	SEAL WY	13TH ST	12TH ST		PCC	1	1	E	295	12	3,540	1/25/22	95	87	0	13
3	8	12TH ST	OCEAN AV	ELECTRIC AV		PCC	1	2	C	810	40	32,400	1/25/22	96	100	0	0
118	197	SILVER SHOALS AV	BOLSA AV	FATHOM AV		AAC	2	2	E	300	33	9,900	1/25/22	96	94	0	6
22	41	BALBOA DR	BOLSA AV	CATALINA AV		AC	2	2	E	1,060	37	39,220	1/24/22	97	81	0	19
79	128	HEATHER CR	ALMOND AV	CDS		AC	3	2	E	230	33	8,840	1/27/22	97	100	0	0
101	412	OLEANDER ST	ELDER AV	FIR AV		AC	3	2	E	256	36	9,216	1/28/22	97	100	0	0
69	112	FIR AV	ROSE ST	HEATHER ST		AC	3	2	E	1,585	33	54,385	1/28/22	98	65	0	35
136	132	IRIS ST	HAZELNUT AV	IRONWOOD AV		AC	3	2	E	226	32	7,232	1/28/22	98	100	0	0
81	135	IRONWOOD AV	ROSE ST	IRIS ST		AC	3	2	E	1,420	33	46,860	1/28/22	98	81	0	19
92	153	MARIGOLD ST	BIRCHWOOD AV	CANDLEBERRY AV		AC	3	2	E	160	33	5,280	1/28/22	98	60	0	40
126	207	VIOLET ST	ELDER AV	FIR AV		AC	3	2	E	160	33	5,280	1/28/22	98	100	0	0
7	17	16TH ST	ELECTRIC AV	PCH		AC	1	2	E	1,160	21	24,360	1/26/22	99	73	0	27
54	84	DAISY ST	ALMOND AV	BIRCHWOOD AV		AC	3	2	E	410	33	13,530	1/27/22	99	58	0	42
54	85	DAISY ST	CANDLEBERRY AV	DOGWOOD AV		AC	3	2	E	210	33	6,930	1/27/22	99	100	0	0
56	87	DOGWOOD AV	DAISY ST	IRONWOOD AV		AC	3	2	E	1,470	33	48,510	1/27/22	99	44	0	56
56	89	DOGWOOD AV	WISTERIA ST	OLEANDER ST		AC	3	2	E	1,745	33	57,585	1/28/22	99	99	0	1
69	113	FIR AV	SUNFLOWER ST	ROSE ST		AAC	3	2	E	330	33	10,890	1/28/22	99	100	0	0
75	122	GUAVA AV	PANSY ST	HEATHER ST		AC	3	2	E	1,360	33	44,880	1/28/22	99	31	0	69
78	127	HAZELNUT AV	WISTERIA ST	SUNFLOWER ST		AC	3	2	E	1,310	33	43,230	1/28/22	99	98	0	2
81	137	IRONWOOD AV	TULIP ST	SUNFLOWER ST		AC	3	2	E	1,020	37	37,740	1/28/22	99	100	0	0
87	145	LANDING AV	12TH ST	11TH ST		AC	1	2	E	260	42	10,920	1/26/22	99	100	0	0
89	148	MAIN ST	ELECTRIC AV	PCH		AC	1	2	C	708	52	35,350	1/26/22	99	100	0	0
103	171	PANSY ST	FIR AV	GUAVA AV		AC	3	2	E	160	33	5,280	1/28/22	99	0	0	100
109	178	ROSE ST	FIR AV	HAZELNUT AV		AC	3	2	C	390	37	14,430	1/28/22	99	100	0	0
121	201	SUNFLOWER ST	FIR AV	IRONWOOD AV		AC	3	2	E	560	37	20,720	1/28/22	99	60	0	40
120	199	STANFORD LN	COLLEGE PARK DR	COLLEGE PARK DR		AC	4	2	E	1,898	32	60,736	1/27/22	100	28	15	57
										29.8		5,527,247					
		Alleys															
0131	0215	AL E/1ST	CORSAIR WY	AL S/ELECTRIC	O	AC	1	2	O	440	17	7,480	3/17/22	29	32	59	9
0148	0239	AL N/CLIPPER	CARAVEL WY	W/AL S/ELECTRIC	O	AC	1	2	O	561	17	9,537	3/17/22	21	25	75	0
0150	0242	AL E/GALLEON	ELECTRIC AV	GALLEON WY	O	AC	1	2	O	370	17	6,290	3/17/22	66	59	24	17
0150	0241	AL E/GALLEON	DORY WY	GALLEON WY	O	AC	1	2	O	683	17	11,611	3/17/22	48	15	74	11
0153	0246	AL N/MARINA	CARAVEL WY	CLIPPER WY	O	AC	1	2	O	840	17	14,280	3/17/22	30	23	71	6
0156	0254	AL S/ELECTRIC	E/AL E/1ST	CORSAIR WY	O	AC	1	2	O	220	17	3,740	3/17/22	30	70	29	1
0156	0255	AL S/ELECTRIC	CORSAIR WY	CLIPPER WY	O	AC	1	2	O	290	17	4,930	3/17/22	25	30	70	0
0157	0257	AL W/GALLEON	SCHOONER WY	DORY WY	O	AC	1	2	O	500	17	8,500	3/17/22	45	33	59	8
0157	0256	AL W/GALLEON	ELECTRIC AV	SCHOONER WY	O	AC	1	2	O	280	17	4,760	3/17/22	60	43	57	0
										0.8		71,128					

XIII. APPENDIX C – QUALITY ASSURANCE / QUALITY CONTROL PLAN

Introduction

When performing data collection in any field, the need for quality control is paramount as it is essential for accurate planning, analysis and design. This is particularly true for collecting pavement distress data for a pavement management program.

The Quality Assurance / Quality Control (QA/QC) Plan establishes minimum quality standards for performance and procedures for update of the pavement management program.

Objectives

This document constitutes a formal QA/QC Plan for the City of Seal Beach. It was prepared on March, 2018 and last revised in March, 2018.

Specifically, it is intended for the 2022 Pavement Management Plan Update. The focus is on the collection of network-level pavement distress data (defined by National Cooperative Highway Research Program (NCHRP) Synthesis 401 Quality Management of Pavement Data Collection, as “Network-level data collection involves collection of large quantities of pavement condition data, which is often converted to individual condition indices or aggregated into composite condition indices”).

This document also addresses the QA/QC plan requirements of the Orange County Transportation Authority (OCTA)’s “Countywide Pavement Management Plan Guidelines” (Section 2.4), adopted in May 2010.

Structure of QA/QC Plan

The following components are addressed in this QA/QC Plan:

- Condition survey procedures used;
- Accuracy required for data collection;
- Inspector qualifications and experience; and
- Safety.

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Condition Survey Procedures

The governing document in performing condition surveys for the City of Seal Beach is ASTM D6433-16 “Standard Practice for Roads and Parking Lots Pavement Condition Index (PCI) Surveys.” Both asphalt concrete (AC) and Portland cement concrete (PCC) pavements are included in this protocol. The following distresses are collected for each pavement type:

Asphalt Concrete	Portland Cement Concrete (Jointed)
1. Alligator (fatigue) cracking	1. Blow-up/Buckling
2. Bleeding	2. Corner Breaks
3. Block Cracking	3. Divided Slab
4. Bumps and sags	4. Durability ("D") Cracking
5. Corrugation	5. Faulting
6. Depression	6. Joint Seal damage
7. Edge Cracking	7. Lane/Shoulder Drop-off
8. Joint Reflection Cracking	8. Linear Cracking
9. Lane/Shoulder Drop-off	9. Patching (large) and Utility Cuts
10. Longitudinal & Transverse Cracking	10. Patching (small)
11. Patching and Utility Cut Patching	11. Polished Aggregate
12. Polished aggregate	12. Popouts
13. Potholes	13. Pumping
14. Railroad Crossing	14. Punchout
15. Rutting	15. Railroad Crossing
16. Shoving	16. Scaling, map cracking and crazing
17. Slippage Cracking	17. Shrinkage Cracks
18. Swell	18. Spalling (corner)
19. Weathering	19. Spalling (joint)
20. Raveling	

As required by the Orange County Transportation Authority (OCTA), the City of Seal Beach must prepare and implement a quality assurance / quality control (QA/QC) plan regarding pavement management inspection as they pertain to MicroPAVER. For the purposes of this report, Bucknam has demonstrated below how our project team implemented QA/QC procedures during the project.

Our QA/QC plan focuses on the how each pavement inspection is performed, what distresses are collected and ensures that it complies with the OCTA guidelines defined within the “Countywide Pavement Management Plan Guidelines (CPMPG)”.

As shown within the OCTA (CPMPG), our staff followed and delivered on the requirements stated within Chapter 2, page 2-5 which require specific QA/QC data (Items A through G). Additionally, Chapter 3 requires numerous data/deliverables from local agencies for OC Go eligibility. All general PCI budgetary report submittals will follow the Chapter 3 guidelines.

In conjunction with the outlined items within the CPMPG Section 2 we have summarized our QA/QC procedures below:

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- a. **Descriptions of condition survey** - Our staff follows the required Condition Survey Protocols (CPMPG, Chapter 2); our staff assesses each pavement section for the minimum distresses outlined within Chapter 2, page 2-1. Additionally, based on the pavement conditions found, we collect all MicroPAVER/StreetSaver Army Corps of Engineers (ACOE) distresses, if found within the sample sections; for example, if slippage cracking, potholes, etc. are found our survey technicians record the proper information.
- b. **How data was collected** - Our surveys follow the OCTA accepted walking requirements. All sections that our staff surveys are performed through the walking method, approximately 10% of all sections surveyed were complemented with windshield surveys based on unique conditions found. Our staff physically measures the width of every section as well as measure for any square footage adjustment that need to be added or taken away from a sections “true area” (i.e. cul-de-sac, bus pads, street width variances, etc.). Samples taken always include a minimum of 2,500 SF coverage unless specific section limits prohibit this. Arterial section samples utilize a 3,500 SF sample size due to the larger section area (this is within the ASTM D6433-16 sample size calculation. Field crews typically include one individual for residential pavement sections while Arterial (MPAH) routes utilize a two-person crew for safety, traffic control and increases quality control.
- c. **Accuracy required for data collection** - We use a statistical sampling approach for measuring the quality of our field technician’s work. In this manner, 10 percent of the original surveys are re-surveyed by a different survey crew than the original, supervised by a field supervisor, and the results are compared to the original surveys. Our QC process involves checking the field crews’ work in a “blind study” fashion. Quality control checks are performed at the end of each survey week. This ensures that all field personnel are properly collecting section samples, distress types and distress severities for all street segments.
 - ❖ When QA/QC issues are found, our staff documents the issues within MicroPAVER’s user interface. If distress types found are not within the 97% accuracy our QA/QC is expanded beyond our minimum 10% resurvey to 20% of the original survey
- d. **Random and Systematic Re-Inspections** – As described above our staff re-inspects, as a minimum, 10% of the original survey (OCTA only requires 5%). Per the agencies requests, our staff will submit PCI reports to the agency as project status reports for their review. Agencies will typically review specific pavement sections for PCI accuracy based on recent overlay or slurry seal maintenance; this serves as an initial accuracy check on our surveys (outside Bucknam QC efforts). Additionally, our staff performs “ride-a-long” surveys with local agency staff to build consensus on how our MicroPAVER/StreetSaver ACOE surveys are performed, recorded and reported on.

Random re-inspections will include a representative selection across the following categories:

- Functional classed (i.e. MPAH, locals);
- Surface types (e.g. AC or PCC);
- Pavement conditions (e.g. good, fair, poor);
- Inspectors;
- Geographical areas, if applicable.

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For systematic re-inspections, this could be due to noticed trends such as specific treatment types (e.g. open-graded mixed), a specific inspector or geographical area. In these cases Bucknam continues to utilize a 10% re-inspection policy.

- e. **PCI Comparison with Past Surveys** - if previous inspection data is available, new PCI's calculated through the most recent inspections will be compared to previous PCI's. If the variance in PCI is greater than +/- 10 PCI points, these sections will be flagged for further investigation and/or re-inspection (In the cases that a PCI increases or decreases by 10 points follows the established CPMPG guidelines; Appendix A, page A-18).
- f. **Schedule of data submittal** – Pending on the City's last major PMP submittal, Bucknam will assist the agency in submitting the following:
 - ❖ Master Plan of Arterial Highways (MPAH) routes will be surveyed and reported on at least once every two years
 - ❖ Local streets will be surveyed and reported on every six years
 - ❖ Corresponding MPAH and local PCI reporting and budgetary reporting will be submitted every two years
- g. **Experience of Inspectors** – Bucknam staff have been trained on the use of MicroPAVER and the ACOE MicroPAVER segment calibration and inspection practices. Mr. Peter Bucknam (Project Manager) and Mr. Shaun Russo (Lead Field Technician) have completed the MicroPAVER Certification of Professional Development courses. All Bucknam field technicians are trained using the ACOE survey methodologies and have passed OCTA's prequalification testing. Bucknam Infrastructure Group inspectors have attended formal training on pavement condition distress surveys. This training was conducted prior to performing any work using the ASTM D6433-18 protocols, consistent with OCTA's requirements.

Inspector Name	Date of ASTM D6433-18 Training	Training Conducted by
Shaun Russo	3/1/2019	OCTA
Aaron Cohodas	2/15/2020	OCTA
Josh Logsdon	2/15/2020	OCTA
Cade Bucknam	2/15/2020	OCTA

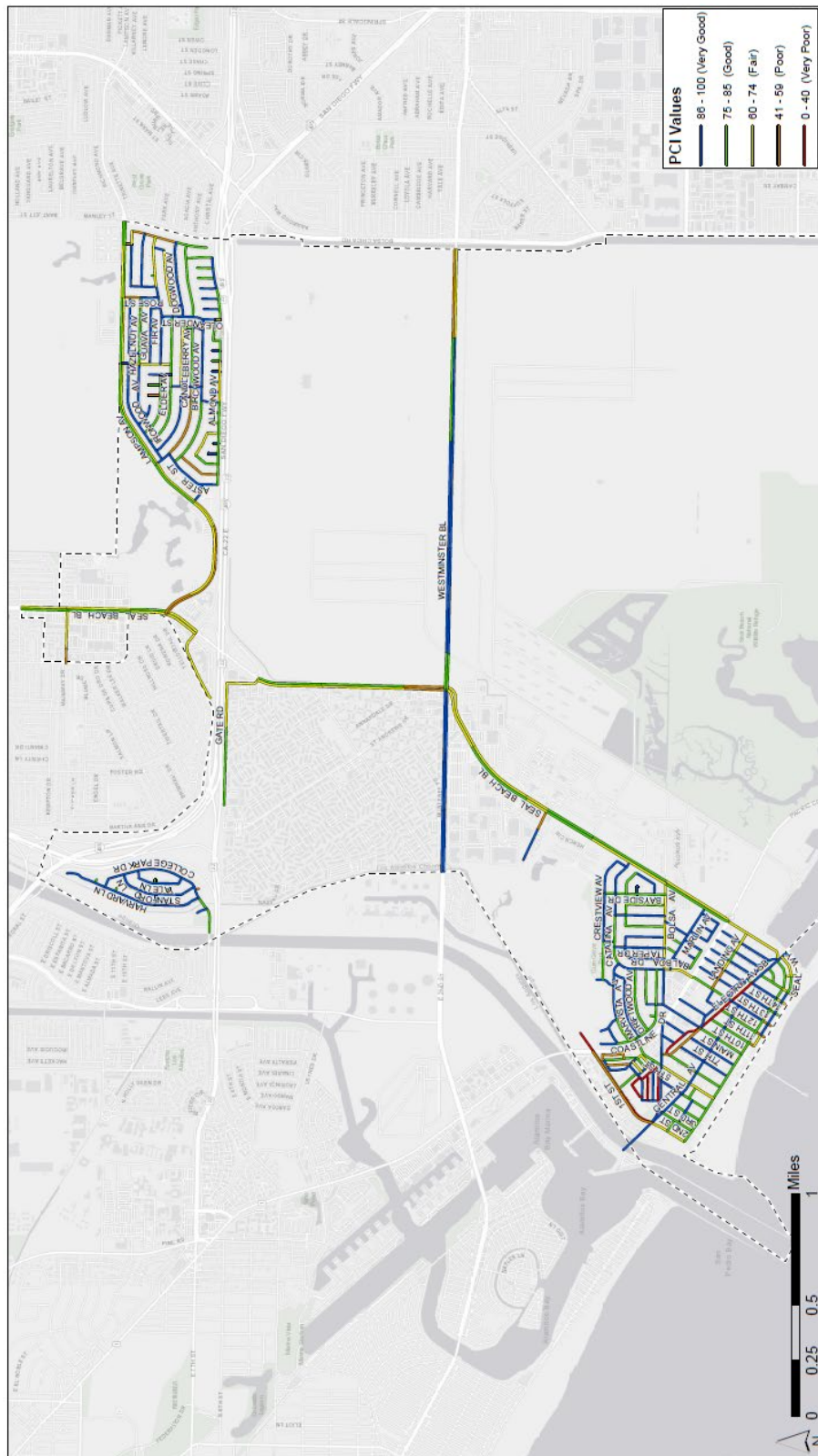
- h. **Field data collection safety procedures** – Bucknam field survey techniques utilize the following procedures:
 - a. All vehicles are properly marked or flagged with appropriate sign markings indicating that a "PAVEMENT SURVEY IS IN PROGRESS"
 - b. All vehicles have the proper flashing amber light beacons placed on the top of the vehicle to allow for proper visibility and line-of-site warning
 - c. Large MPAH routes are surveyed using two field technicians to increase traffic control warning and safety
 - d. While parking or stopping along the survey route, vehicles legally park within the right-of-way or use a parking lot
 - e. All field technicians wear ANSI – 105 Class II safety vests

XIV. APPENDIX D – PAVEMENT MANAGEMENT DATA FILES

The City of Seal Beach MicroPAVER database (.e70 file) has been enclosed for City and OCTA use. This data and the associated reporting data includes:

- Street names and limits for the City's public streets
- Street identifiers (Branch ID, Section ID)
- Direction
- Begin and end of section
- Length, width and true areas
- Functional Classification (MPAH, Local)
- Number of travel lanes
- Pavement Condition Index (PCI) and date of inspection
- Type of recommended treatment
- Cost of recommended treatment

XV. APPENDIX E – GIS MAPS / CURRENT CONDITIONS



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