



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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ADDRESS ALL CORRESPONDENCE TO:
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December 12, 2019

IN REPLY PLEASE
REFER TO FILE: **SM-1**

Ms. Monica Heredia
Deputy Director of Public Works
City of Pico Rivera
6615 Passons Boulevard
Pico Rivera, CA 90660

Attention Ms. Maria Carrillo

Dear Ms. Heredia:

CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION-ASSESSMENT PROGRAM REPORT PROJECT NO. Y0TV0910B AND Y0TV1011B

This letter is to inform you that Los Angeles County Public Works Consolidated Sewer Maintenance District has completed a condition assessment of the City of Pico Rivera's sewer system.

The two enclosed Condition-Assessment Reports provide a summary of the maintenance and structural condition of your sewer mainlines. Please note that a previous report covering the balance of your system was transmitted on July 13, 2009. The information contained in all three reports should be included in your agency's Sewer System Management Plan as a reference in Chapter 8, System Evaluation and Capacity Assurance Plan.

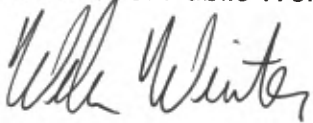
The segments identified with critical maintenance issues have been cleaned and, where appropriate, incorporated into our enhanced maintenance schedule for continued cleaning and monitoring. In addition, segments with severe structural defects have either been repaired or will be scheduled for corrective action as part of the ongoing Accumulative Capital Outlay Program.

Ms. Heredia
December 12, 2019
Page 2

If you have any questions regarding this report or the Condition-Assessment Program, please contact Mr. Robert Swartz, Sewer Maintenance Division, at (626) 300-3367, Monday through Friday, 8 a.m. to 4 p.m. or at rswartz@pw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works



WILLIAM J. WINTER
Assistant Deputy Director
Sewer Maintenance Division

EL:nv
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Enc.

**CONDITION-ASSESSMENT REPORT
LOS ANGELES COUNTY PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT**

100% SUMMARY

SUP.	1	CITY:	Pico Rivera
DISTRICT(S)			
Report By:	David Lee	Report Date:	9/9/2019

INTRODUCTION

As part of the Sewer Condition-Assessment Program, Los Angeles County Public Works Consolidated Sewer Maintenance District (District) has completed the closed-circuit television inspection of 572,058 feet or 100 percent of the City of Pico Rivera's (City) sewer system.

The closed-circuit television inspection of the City was completed in three phases (Project Nos. Y0TV0607C, Y0TV0910B, and Y0TV1011B). A copy of the Condition-Assessment Report for Project No. Y0TV0607C can be found in the District's website at <http://dpw.lacounty.gov/smd/cctv/city/>. Enclosed for your reference is the Condition-Assessment Reports for Project Nos. Y0TV0910B and Y0TV1011B.

SUMMARY MAINTENANCE REPORT

Our inspection revealed that approximately 82.1 percent of the system televised was free of significant blockages or restrictions that would impede sewer flows. The remaining 17.9 percent of the inspected pipe segments had a Pipeline Assessment and Certification Program (PACP) maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. We have taken corrective actions to address the maintenance issues as noted in the enclosed reports.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	176,351	30.8	786
2: Minor to Moderate	293,183	51.3	1,290
3: Moderate	52,871	9.2	206
4: Significant	42,385	7.4	175
5: Most Significant	7,268	1.3	30
TOTAL	572,058	100.0	2,487

SUMMARY STRUCTURAL REPORT

Our inspection revealed that approximately 92.2 percent of the inspected pipe segments within the City were free of significant structural defects. The remaining 7.8 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	296,021	51.8	1,374
2: Minor to Moderate	48,735	8.5	209
3: Moderate	182,461	31.9	730
4: Significant	30,564	5.3	119
5: Most Significant	14,277	2.5	55
TOTAL	572,058	100.0	2,487

**CONDITION-ASSESSMENT REPORT
LOS ANGELES COUNTY PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT**

PROJECT NAME: Y0TV0910B	PROJECT MGR: Kari Eskridge
PROJECT DATE: 7/21/2010	CONTACT NO: (626) 300-3390
SUP. DISTRICT(s): 1	MAP PAGE(S): 2022, 2023, 2075
Report By: David Lee	Report Date: 9/9/2019

INTRODUCTION

The District conducted a condition-assessment of 156,614 feet or 27.4 percent of the City's entire sewer system as part of Project No. Y0TV0910B.

The enclosed Condition-Assessment Report outlines the structural and maintenance ratings of your system based on the PACP's (Version 6.0.1) rating methodology. Included in the report are the following:

- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Map and High-Water Levels List and Map (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Priority Map (Enclosure 3)

The Sewer Condition-Assessment Program utilizes the PACP Quick Rating methodology to rank the structural and maintenance condition of your system based on industry standards.

PROJECT AREA AND DESCRIPTION

Project No. Y0TV0910B included sewer lines located in the unincorporated County of Los Angeles and the Cities of Cudahy, Pico Rivera, South El Monte, and Santa Fe Springs. Enclosed for your reference is an overview map of the project area within your City (Enclosure 1).

DEFECT GRADE DESCRIPTION

The Quick Rating indicates the number of occurrences for the highest severity grade for each pipe segment for either maintenance or structural defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects while a grade of 5 indicates that a pipe segment may require immediate attention. A legend of the five possible defect grades is as follows:

Grade	Defect Grade Description
1:	MINOR
2:	MINOR TO MODERATE
3:	MODERATE
4:	SIGNIFICANT
5:	MOST SIGNIFICANT

MAINTENANCE REPORT

Our inspection revealed that approximately 85.7 percent of the system televised in your City as part of Project No. Y0TV0910B was free of significant blockages or restrictions that would impede sewer flows. The remaining 14.3 percent of the pipe segments had a PACP maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our periodic cleaning schedule for enhanced maintenance.

A color-coded map showing the quick maintenance rating for each pipe segment is provided in Enclosure 2.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	626	0.4	5
2: Minor to Moderate	133,667	85.3	611
3: Moderate	8,136	5.2	32
4: Significant	12,357	7.9	51
5: Most Significant	1,828	1.2	7
TOTAL	156,614	100.0	706

High Water Levels

Our inspection revealed that approximately 97.7 percent of the system televised has adequate capacity. Approximately 2.3 percent of the segments inspected exhibited visual signs associated with high-water levels. The capacity of the sewer pipe can be determined by analyzing several PACP codes, including Water Level, Water Mark, and miscellaneous remarks, which indicate the camera was underwater or there were sags in the line. A sewer pipe is considered at capacity when 50 percent of the diameter of the sewer pipe is full of water. However, there are conditions in which the Water Level or Water Mark has reached 50 percent or greater due to heavy flows in adjoining pipes, a temporary stoppage caused by debris in the sewer lines, or a sag in the line. Therefore, additional review of these pipe segments was conducted to determine if any capacity issues exist.

All sewer pipes where the Water Level, Water Mark, and miscellaneous remarks of camera underwater or sags in the line are at or above 50 percent capacity have been listed and analyzed on the High-Water Level Table in Enclosure 2. The nature of these high-water level conditions is also summarized on this table. When the items have been identified to have high water levels due to sewer line capacity, a Yes is indicated in the capacity column. These areas should be reviewed by the City for existing and future capacity needs.

A map showing the sewer lines with high-water levels is provided in Enclosure 2.

Infiltration

Our inspection revealed that infiltration was not detected in any pipe segments in your City's system.

STRUCTURAL REPORT

Our inspection revealed that approximately 91.0 percent of the inspected pipe segments within the City were free of severe structural defects. The remaining 9.0 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below. These segments have been placed on a priority list for rehabilitations based on the severity and the need for action. For items 1 through 55 in the Quick Structural Rating Report Priority List (Enclosure 3), which warrant a corrective action, the proposed corrective action will be programmed in the next 24 months as part of the ongoing Accumulative Capital Outlay Program.

A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	72,024	46.0	369
2: Minor to Moderate	9,284	5.9	38
3: Moderate	61,176	39.1	244
4: Significant	12,105	7.7	48
5: Most Significant	2,025	1.3	7
TOTAL	156,614	100.0	706

CONDITION-ASSESSMENT PROJECTS

The Sewer Condition-Assessment Program performed the condition-assessment of the sewer lines within the City according to the following schedule:

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2006-07	Y0TV0607C	289,264	50.6	COMPLETED
2009-10	Y0TV0910B	156,614	27.4	COMPLETED
2010-11	Y0TV1011B	126,180	22.0	COMPLETED
TOTAL		572,058	100.0	

ENCLOSURE 1:

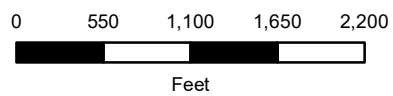
Project Overview Map

ENCLOSURE 1

CCTV PROJECT Y0TV0910B

PICO RIVERA

OVERVIEW MAP

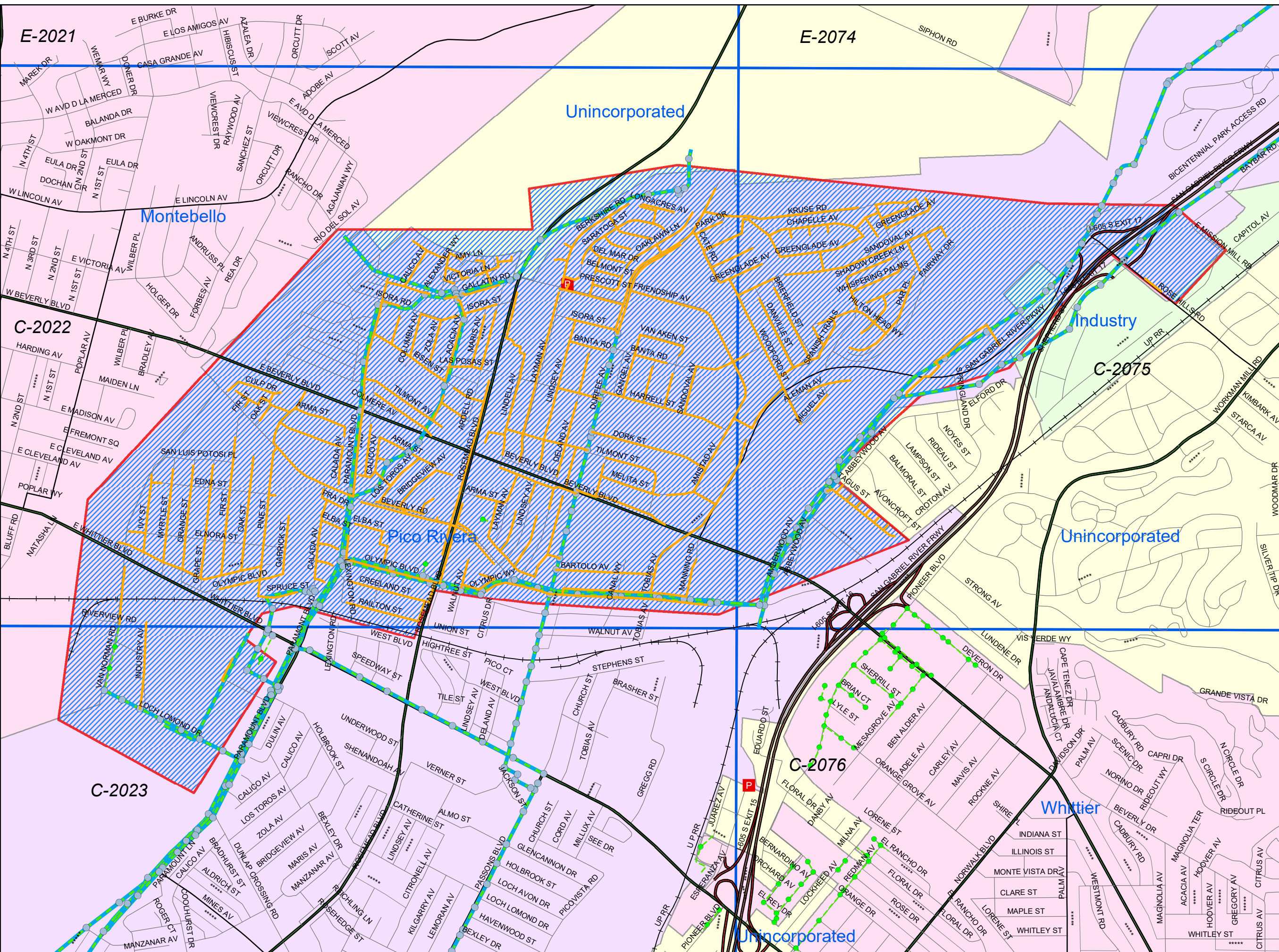


Legend

- SMD Sanitary Sewers
- SMD Manholes**
 - Other
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
 - SMD Treatment Plants
- Maintained by Others:**
 - Trunk Sewerlines
 - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
 - SMD Operations Maps
 - Y0TV0910B

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AUGUST 2019



ENCLOSURE 2:

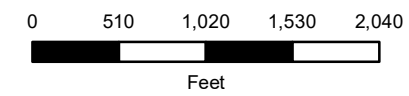
- Quick Maintenance Rating Map
- High Water Levels List and Map

ENCLOSURE 2

CCTV PROJECT Y0TV0910B

PICO RIVERA

QUICK MAINTENANCE RATING (QMR)



Legend

SMD Sanitary Sewers

- QMR**
- 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT

SMD Manholes

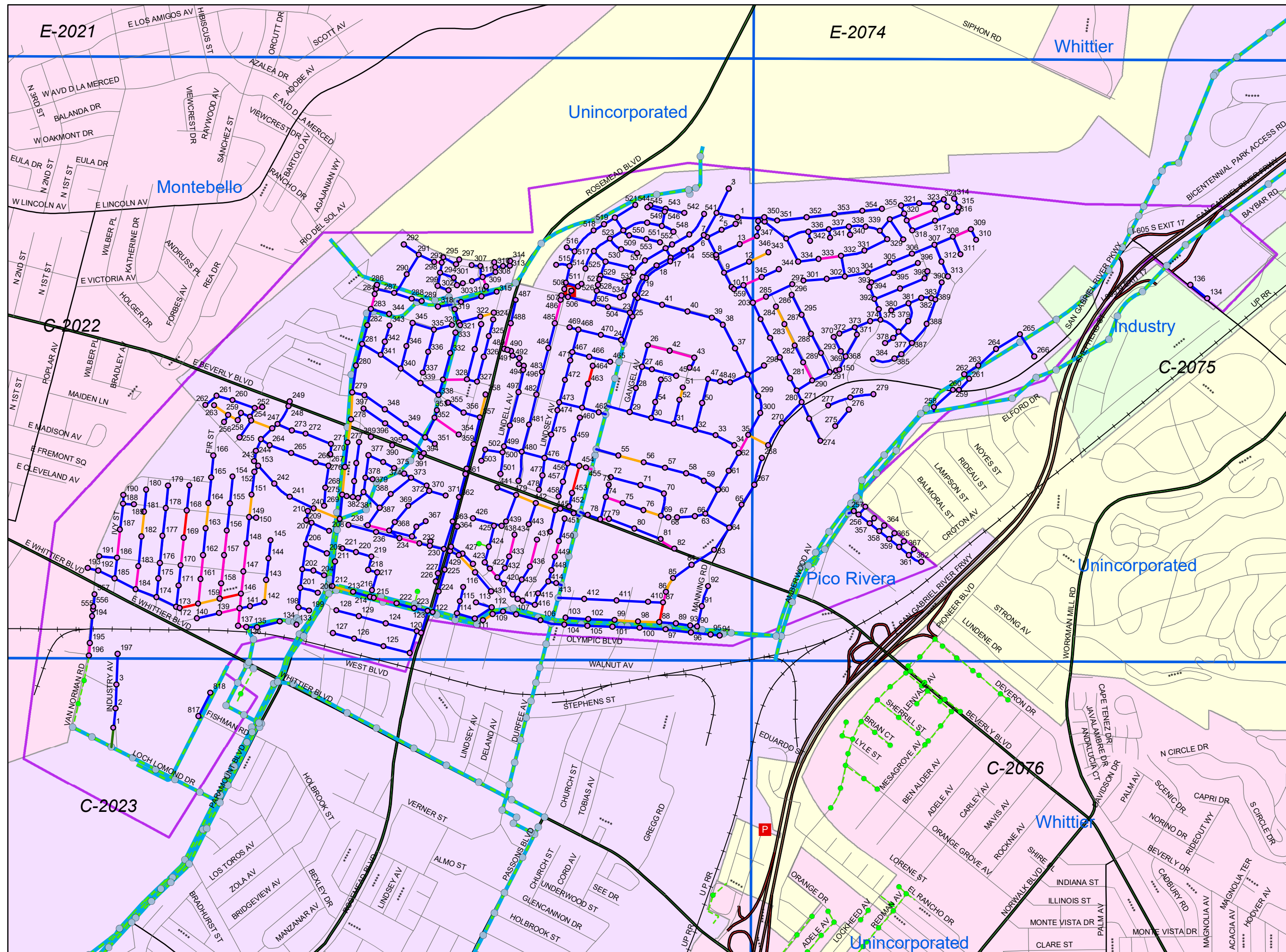
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV0910B

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AUGUST 2019



**ENCLOSURE 2
HIGH WATER LEVELS
PICO RIVERA (YOTV0910B)**

ITEM NO.	START MH	END MH	STREET	OBSERVATION: LOCATION	CAPACITY	CORRECTIVE ACTION
1	2022-0051	2022-0052	WARRINGTON AV	Camera underwater	NO	Hydro
2	2022-0103	2022-0104	BEVERLY RD	High water level	NO	Hydro
3	2022-0136	2022-0137	SPRUCE ST	Camera underwater	NO	Hydro
4	2022-0137	2022-0138	PINE ST	Camera underwater	NO	Hydro
5	2022-0138	2022-0139	OLYMPIC BV	Camera underwater	NO	Hydro
6	2022-0138	2022-0146	PINE ST	High water level	NO	Hydro
7	2022-0146	2022-0147	PINE ST	High water level	NO	Hydro
8	2022-0159	2022-0160	ALLEY	Camera underwater	NO	Hydro
9	2022-0195	2022-0196	VAN NORMAN RD	Camera underwater	NO	Hydro
10	2022-0275	2022-0276	PARAMOUNT BV	High water level	NO	Hydro
11	2022-0283	2022-0284	PARAMOUNT BV	Camera underwater	NO	Hydro
12	2022-0305	2022-0309		Camera underwater	NO	Hydro
13	2022-0442	2022-0445	BEVERLY BV	Camera underwater	NO	Hydro
14	2022-0454	2022-0455		Camera underwater	NO	Hydro
15	2022-0455	2022-TRNK		Camera underwater	NO	Hydro
16	2074-0044	2074-0043	FAWCETT AV	Camera underwater	NO	Hydro

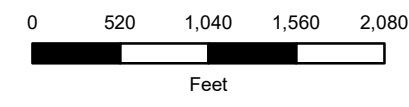
ENCLOSURE 2

CCTV PROJECT

YOTV0910B

PICO RIVERA

HIGH WATER LEVELS

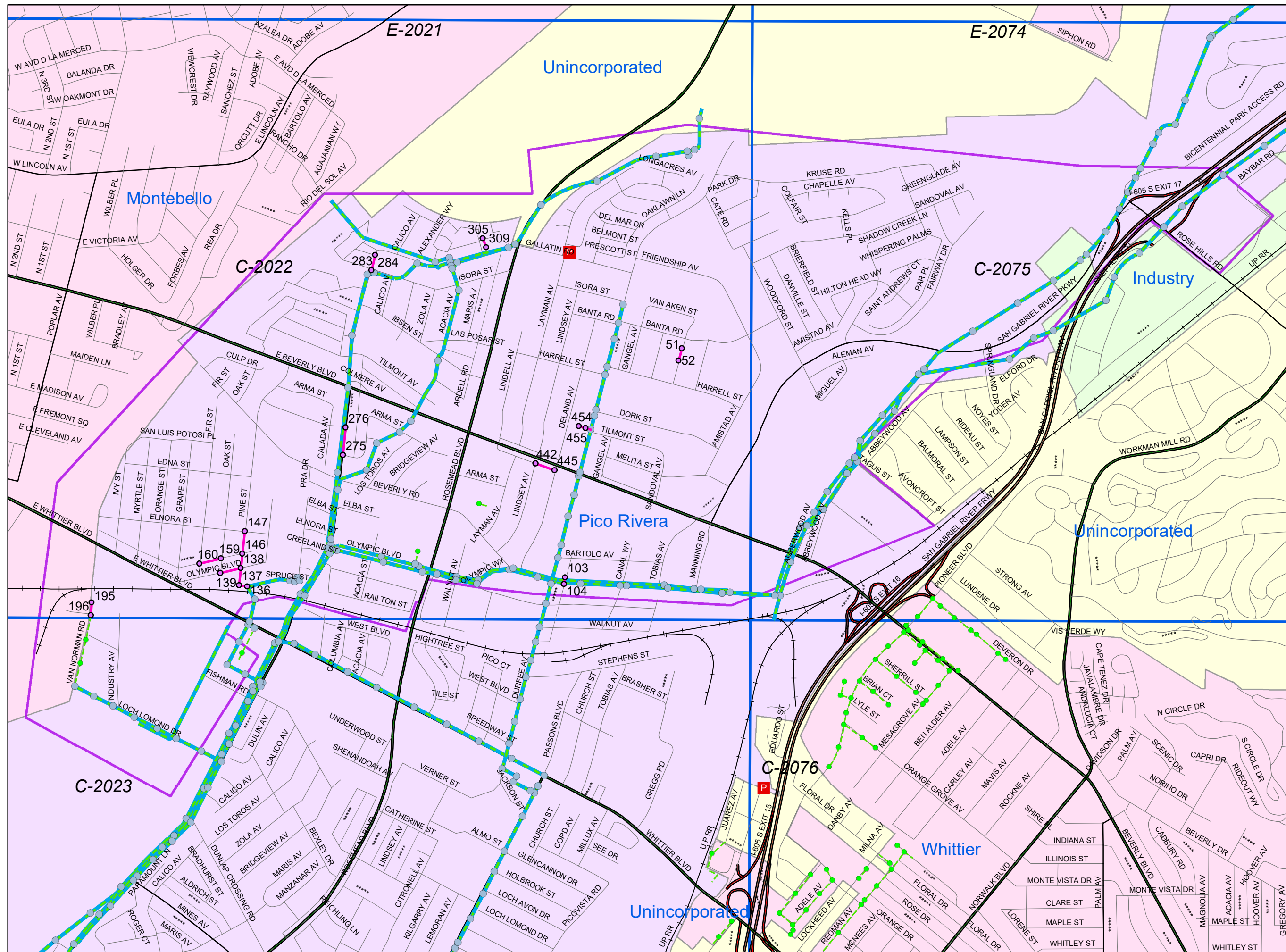


Legend

- High_Water_Levels
- SMD Manholes**
 - Other
- Manhole Type**
 - Standard
 - ▲ DROP
 - ◊ Shallow
 - ◇ Trap
 - ⊗ Siphon
- SMD Pump Stations**
 - P
- SMD Treatment Plants**
 - WTP
- Maintained by Others:**
 - Trunk Sewerlines
 - - - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
- SMD Operations Maps
- YOTV0910B

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AUGUST 2019



ENCLOSURE 3:

- Quick Structural Rating Report
Priority List
- Quick Structural rating Map

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF PICO RIVERA (Y0TV0910B)

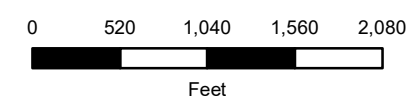
ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	2022-0479	2022-0480	LAYMAN AV	Holes	Lining
2	2022-0167	2022-0168	GRAPE ST	Broken; Fractures	Lining
3	2022-0075	2022-0076	MELITA ST	Broken	Lining
4	2022-0421	2022-0422	EASEMENT	Broken	Lining
5	2022-0064	2022-0083	TOBIAS AV	Hole	No action needed*
6	2075-0302	2075-0303	SANDOVAL AV	Hole; Fractures	Lining
7	2022-0439	2022-0440	LAYMAN AV	Hole	No action needed*
8	2075-0274	2075-0275	MIGUEL AV	Fractures	Lining
9	2075-0203	2022-0011	WOODFORD ST	Fractures	Lining
10	2022-0138	2022-0141	OLYMPIC BV	Fractures	Lining
11	2075-0300	2022-0035	AMISTAD AV	Fractures	Lining
12	2022-0160	2022-0161	FIR ST	Fractures	Lining
13	2022-0162	2022-0163	FIR ST	Fractures	Lining
14	2075-0275	2075-0276	MIGUEL AV	Fractures	Lining
15	2022-0079	2022-0080	BEVERLY BV	Fractures	Lining
16	2022-0057	2022-0058	DORK ST	Fractures	Lining
17	2022-0073	2022-0074	GANGEL AV	Fractures	Lining
18	2022-0141	2022-0142	OLYMPIC BV	Fractures	No action needed*
19	2075-0301	2075-0302	SANDOVAL AV	Fractures	Lining
20	2022-0066	2022-0067	MELITA ST	Fractures	No action needed*
21	2022-0055	2022-0056	DORK ST	Fractures	No action needed*
22	2022-0056	2022-0057	DORK ST	Fractures	No action needed*
23	2022-0077	2022-0079	BEVERLY BV	Fractures	No action needed*
24	2022-0154	2022-0155	OAK ST	Fractures	No action needed*
25	2022-0164	2022-0165	FIR ST	Fractures	No action needed*
26	2022-0178	2022-0179	ORANGE ST	Fractures	No action needed*
27	2075-0306	2075-0307	SANDOVAL AV	Fractures	No action needed*
28	2022-0176	2022-0177	ORANGE ST	Fractures	No action needed*
29	2022-0282	2022-0283	PARAMOUNT BV	Fractures	No action needed*

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF PICO RIVERA (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
30	2022-0352	2022-0354	ARDELL RD	Fractures	No action needed*
31	2022-0074	2022-0075	MELITA ST	Fractures	No action needed*
32	2024-0488	2024-0487	ALLEY	Broken	No action needed*
33	2075-0269	2022-0035	EASEMENT	Fractures	No action needed*
34	2022-0241	2022-0242	BEVERLY RD	Fractures	Lining
35	2022-0496	2022-0497	LINDELL AV	Fractures	No action needed*
36	2022-0497	2022-0498	LINDELL AV	Fractures	No action needed*
37	2075-0278	2075-0279	ALEMAN AV	Fractures	No action needed*
38	2075-0307	2075-0308	SANDOVAL AV	Fractures	No action needed*
39	2075-0327	2075-0328	EASEMENT	Fractures	Lining
40	2075-0321	2075-0322	KRUSE RD	Fractures	No action needed*
41	2075-0328	2075-0329	CHAPELLE AV	Fractures	Lining
42	2022-0119	2022-0123	ROSEMEAD BV	Fractures	No action needed*
43	2022-0465	2022-0466	BANTA RD	Fractures	No action needed*
44	2075-0280	2075-0290	AMISTAD AV	Fractures	No action needed*
45	2075-0312	2075-0313	BRADGATE DR	Fractures	No action needed*
46	2022-0316	2022-0317	GALLATIN BV	Broken	No action needed*
47	2022-0341	2022-0342	CALICO AV	Fractures	No action needed*
48	2022-0032	2022-0033	HARRELL ST	Fractures	No action needed*
49	2022-0033	2022-0034	HARRELL ST	Fractures	No action needed*
50	2075-0309	2075-0310	SANDOVAL AV	Fractures	No action needed*
51	2022-0028	2022-0029	GANGEL AV	Fractures	No action needed*
52	2022-0103	2022-0104	BEVERLY RD	Fractures	No action needed*
53	2022-0452	2022-0453	EASEMENT	Fractures	Lining
54	2075-0262	2075-0263	EASEMENT	Fractures	No action needed*
55	2075-0319	2075-0326	EASEMENT	Fractures	No action needed*

* Determined not to interfere with the normal operation of the sewer.

PICO RIVERA
QUICK
STRUCTURAL
RATING
(QSR)



Legend

- SMD Sanitary Sewers**
- QSR**
- 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT

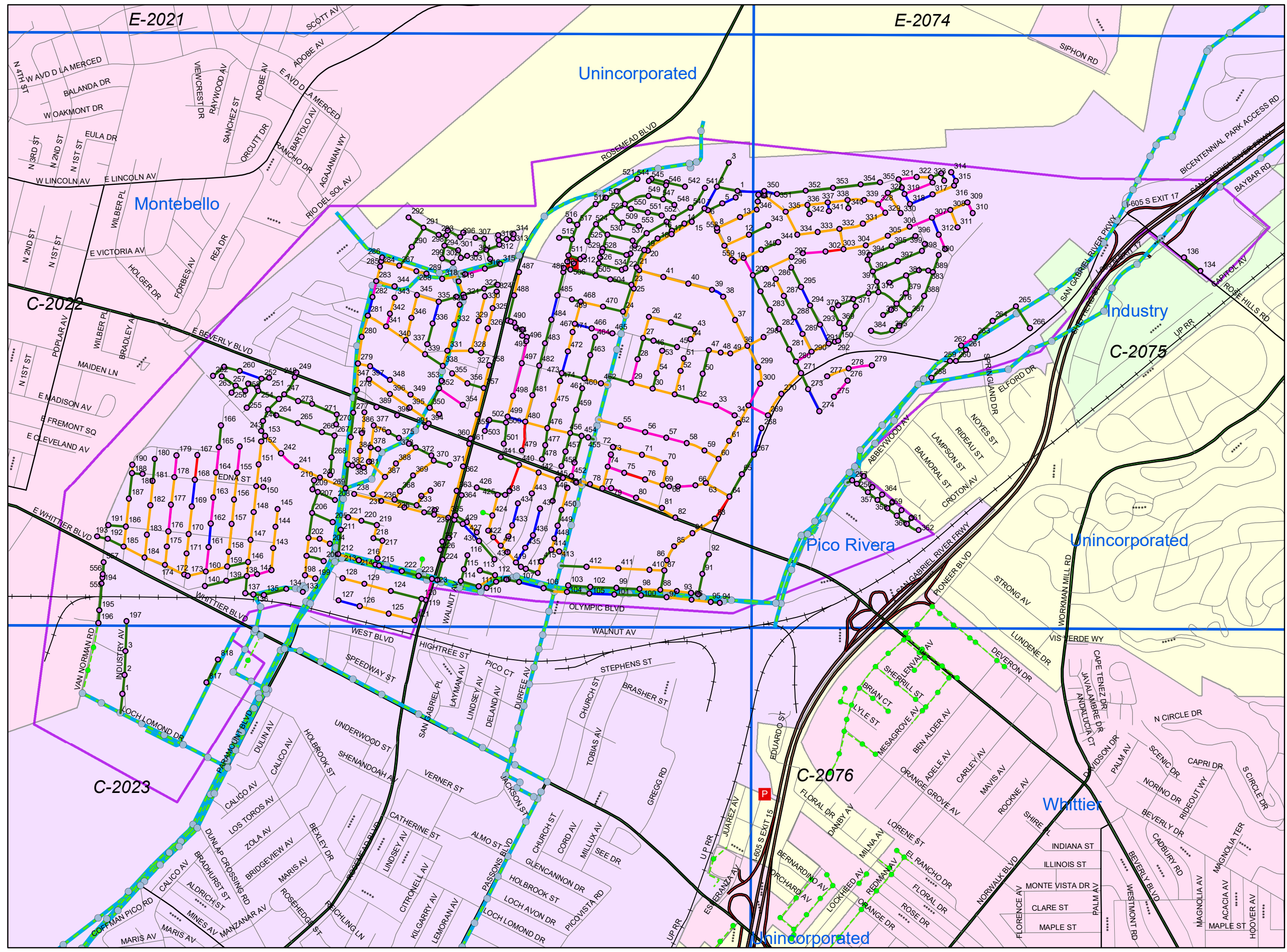
SMD Manholes

- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- YOTV0910B

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**CONDITION-ASSESSMENT REPORT
LOS ANGELES COUNTY PUBLIC WORKS
CONSOLIDATED SEWER MAINTENANCE DISTRICT**

PROJECT NAME:	Y0TV1011B	PROJECT MGR:	Hanna Kebede
PROJECT DATE:	8/3/2011	CONTACT NO:	(626) 300-4686
SUP. DISTRICT(s):	1	MAP PAGE(S):	1971, 1972, 2024, 2025
Report By:	David Lee	Report Date:	9/3/2019

INTRODUCTION

The District conducted a condition-assessment of 126,180 feet or 22.0 percent of the City's entire sewer system as part of Project No. Y0TV1011B.

The enclosed Condition-Assessment Report outlines the structural and maintenance ratings of your system based on the PACP's (Version 6.0.1) rating methodology. Included in the report are the following:

- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Map and High-Water Levels List and Map (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Map (Enclosure 3)

The Sewer Condition-Assessment Program utilizes the PACP Quick Rating methodology to rank the structural and maintenance condition of your system based on industry standards.

PROJECT AREA AND DESCRIPTION

Project No. Y0TV1011B included sewer lines located in the unincorporated County of Los Angeles and the Cities of Lakewood, Pico Rivera, and Santa Fe Springs. Enclosed for your reference is an overview map of the project area within your City (Enclosure 1).

DEFECT GRADE DESCRIPTION

The Quick Rating indicates the number of occurrences for the highest severity grade for each pipe segment for either maintenance or structural defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects while a grade of 5 indicates that a pipe segment may require immediate attention. A legend of the five possible defect grades is as follows:

Grade	Defect Grade Description
1:	MINOR
2:	MINOR TO MODERATE
3:	MODERATE
4:	SIGNIFICANT
5:	MOST SIGNIFICANT

MAINTENANCE REPORT

Our inspection revealed that approximately 64.2 percent of the system televised in your City as part of Project No. Y0TV1011B was free of significant blockages or restrictions that would impede sewer flows. The remaining 35.8 percent of the pipe segments had a PACP maintenance grade of 3, 4, or 5 as indicated in the Quick Maintenance Rating Table shown below. These segments have been incorporated into our periodic cleaning schedule for enhanced maintenance.

A color-coded map showing the quick maintenance rating for each pipe segment is provided in Enclosure 2.

QUICK MAINTENANCE RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	57,022	45.2	244
2: Minor to Moderate	24,145	19.0	96
3: Moderate	26,572	21.1	105
4: Significant	15,222	12.1	59
5: Most Significant	3,219	2.6	13
TOTAL	126,180	100.0	517

High Water Levels

Our inspection revealed that approximately 96.1 percent of the system televised has adequate capacity. Approximately 3.9 percent of the segments inspected exhibited visual signs associated with high-water levels. The capacity of the sewer pipe can be determined by analyzing several PACP codes, including Water Level, Water Mark, and miscellaneous remarks, which indicate the camera was underwater or there were sags in the line. A sewer pipe is considered at capacity when 50 percent of the diameter of the sewer pipe is full of water. However, there are conditions in which the Water Level or Water Mark has reached 50 percent or greater due to heavy flows in adjoining pipes, a temporary stoppage caused by debris in the sewer lines, or a sag in the line. Therefore, additional review of these pipe segments was conducted to determine if any capacity issues exist.

All sewer pipes where the Water Level, Water Mark, and miscellaneous remarks of camera underwater or sags in the line are at or above 50 percent capacity have been listed and analyzed on the High-Water Level Table in Enclosure 2. The nature of these high-water level conditions is also summarized on this table. When the items have been identified to have high-water levels due to sewer line capacity, a Yes is indicated in the capacity column. These areas should be reviewed by the City for existing and future capacity needs.

A map showing the sewer lines with high-water levels is provided in Enclosure 2.

Infiltration

Our inspection revealed that infiltration was not detected in any pipe segments in your City's system.

STRUCTURAL REPORT

Our inspection revealed that approximately 90.6 percent of the inspected pipe segments within the City were free of severe structural defects. The remaining 9.4 percent of the inspected pipe segments had a PACP structural grade of 4 or 5 as indicated in the Quick Structural Rating Table shown below. These segments have been placed on a priority list for rehabilitations based on the severity and the need for action. For items 1 through 47 in the Quick Structural Rating Report Priority List (Enclosure 3), which warrant a corrective action, the proposed corrective action will be programmed in the next 24 months as part of the ongoing Accumulative Capital Outlay Program.

A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3.

QUICK STRUCTURAL RATING TABLE

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	63,518	50.3	262
2: Minor to Moderate	7,010	5.6	32
3: Moderate	43,822	34.7	176
4: Significant	7,078	5.6	29
5: Most Significant	4,752	3.8	18
TOTAL	126,180	100.0	517

CONDITION-ASSESSMENT PROJECTS

The Sewer Condition-Assessment Program performed the condition-assessment of the sewer lines within the City according to the following schedule:

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2006-07	Y0TV0607C	289,264	50.6	COMPLETED
2009-10	Y0TV0910B	156,614	27.4	COMPLETED
2010-11	Y0TV1011B	126,180	22.0	COMPLETED
TOTAL		572,058	100.0	

ENCLOSURE 1:

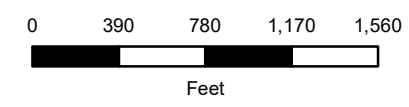
Project Overview Map

ENCLOSURE 1

CCTV PROJECT Y0TV1011B

PICO RIVERA

OVERVIEW MAP

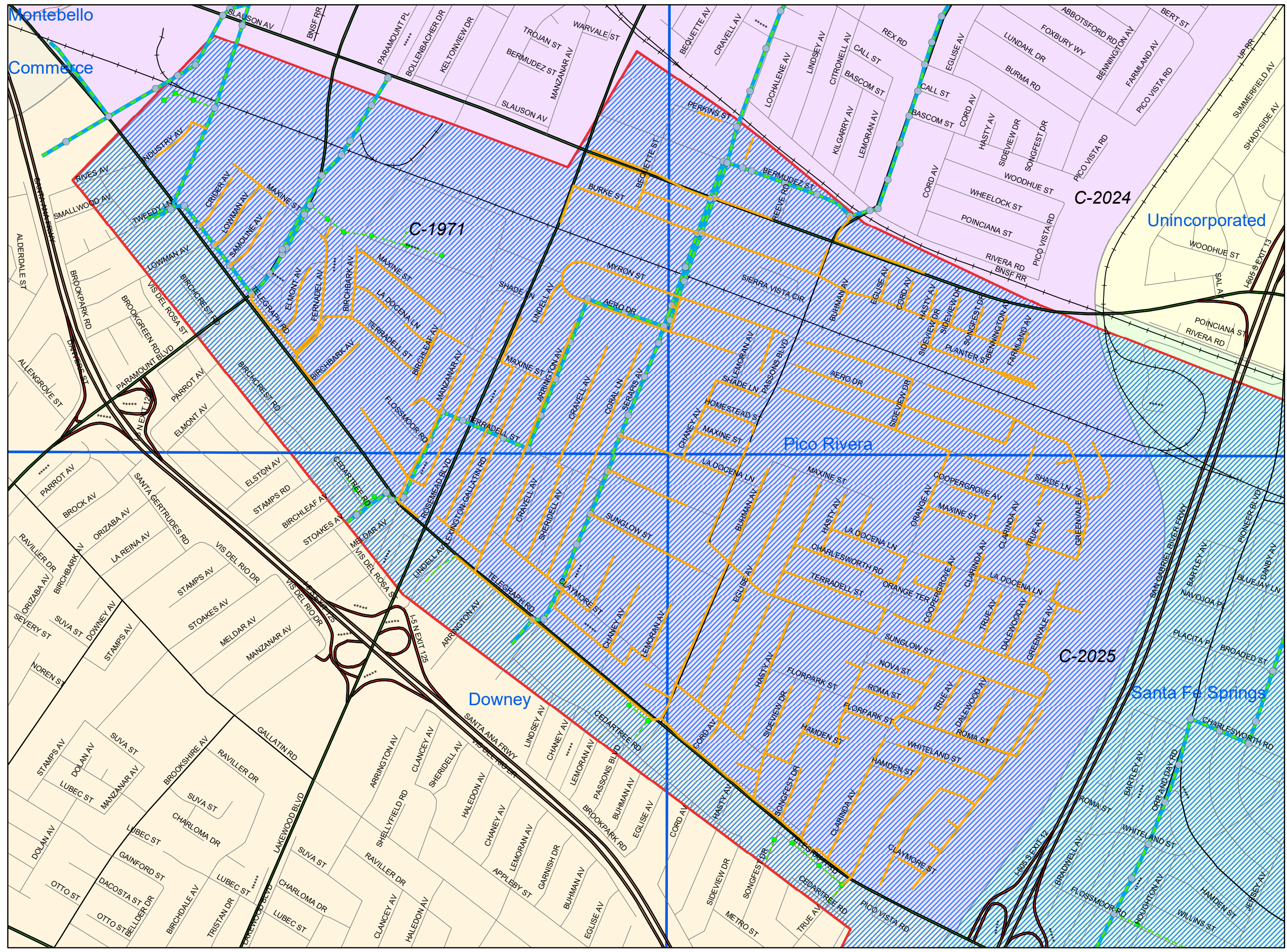


Legend

- SMD Sanitary Sewers
- SMD Manholes**
 - Other
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
 - SMD Treatment Plants
- Maintained by Others:**
 - Trunk Sewerlines
 - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
 - SMD Operations Maps
 - Y0TV1011B

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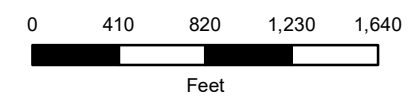


ENCLOSURE 2:

- Quick Maintenance Rating Map
- High Water Levels List and Map

PICO RIVERA

QUICK
MAINTENANCE
RATING
(QMR)



Legend

SMD Sanitary Sewers

- QMR
- 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT

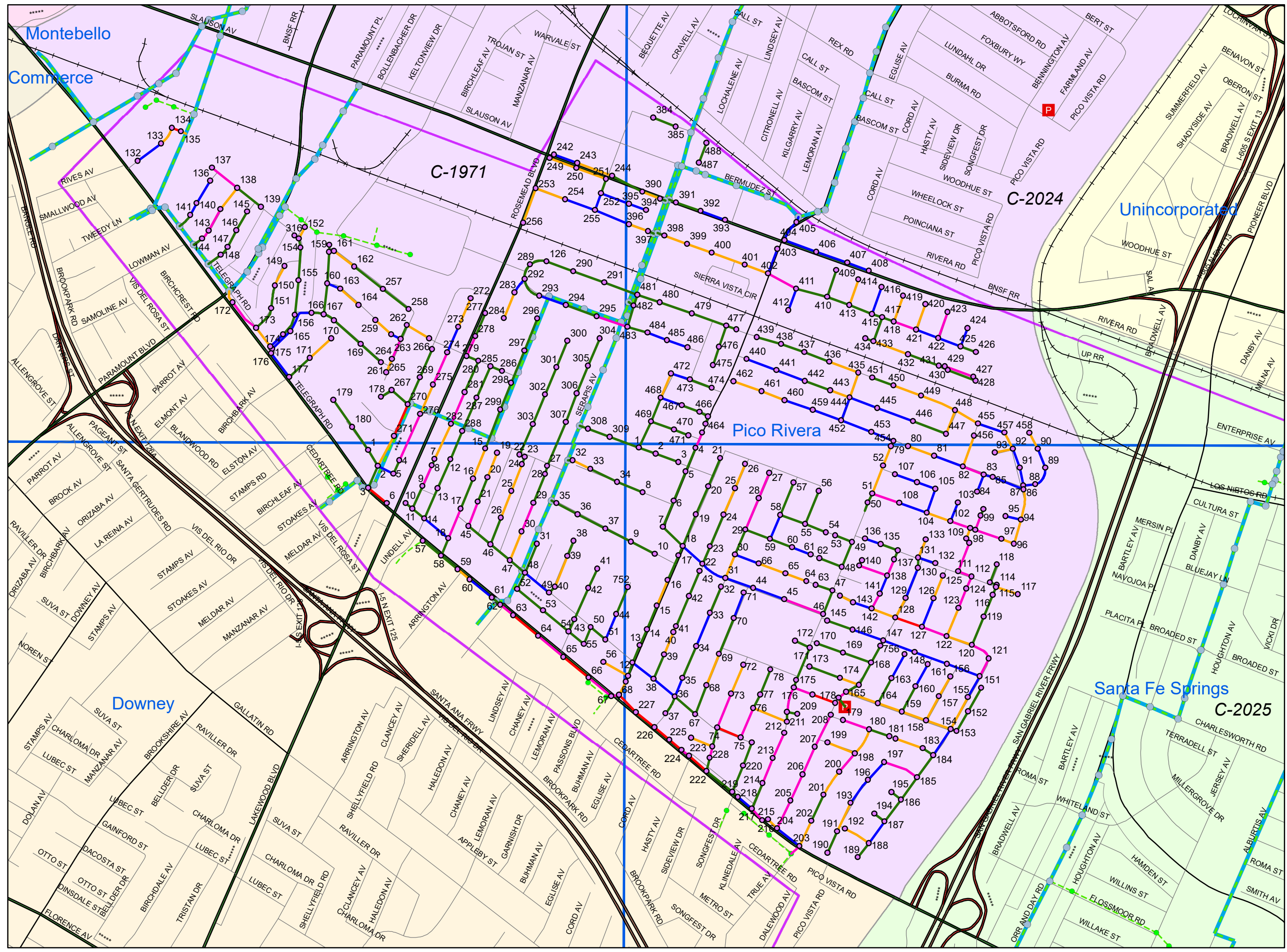
SMD Manholes

- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- Y0TV1011B

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Montebello
Commerce

Downey

Santa Fe Springs
C-2025

C-1971

C-2024

Pico Rivera

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**ENCLOSURE 2
HIGH WATER LEVELS
PICO RIVERA (Y0TV1011B)**

ITEM NO.	START MH	END MH	STREET	OBSERVATION: LOCATION	CAPACITY	CORRECTIVE ACTION
1	1972-0067	1972-0066	TELEGRAPH RD	Camera underwater	NO	Hydro
2	1972-0068	1972-0067	TELEGRAPH RD	Camera underwater	NO	Hydro
3	2025-0075	2025-0074	CLAYMORE ST	High water mark	NO	Hydro
4	2025-0109	2025-0110	EASEMENT	High water level	NO	Hydro
5	2025-0111	2025-0110	EASEMENT	Camera underwater	NO	Hydro
6	2025-0111	2025-0112	LA DOCENA LN	High water level	NO	Hydro
7	2025-0112	2025-0124	DALEWOOD AV	Camera underwater	NO	Hydro
8	2025-0127	2025-0122	TERRADELL ST	Camera underwater	NO	Hydro
9	2025-0177	2025-0176	FLORPARK ST	High water mark	NO	Hydro
10	2025-0178	2025-0177	FLORPARK ST	High water mark	NO	Hydro
11	2025-0211	2025-0076	HAMDEN ST	High water mark	NO	Hydro
12	2025-0216	2025-0217	TELEGRAPH RD	High water level	NO	Hydro
13	2025-0222	2025-0223	TELEGRAPH RD	High water mark	NO	Hydro
14	2025-0223	2025-0224	TELEGRAPH RD	High water mark	NO	Hydro
15	2025-0224	2025-0225	TELEGRAPH RD	High water level	NO	Hydro
16	2025-0225	2025-0226	TELEGRAPH RD	High water mark	NO	Hydro and Rodder
17	2025-0226	2025-0227	TELEGRAPH RD	High water mark	NO	Hydro
18	2025-0227	1972-0068	TELEGRAPH RD	High water mark	NO	Hydro
19	2025-0229	2025-0228	EASEMENT	High water mark	NO	Hydro
20	2025-CITY	2025-0203	TELEGRAPH RD	High water mark	NO	Hydro

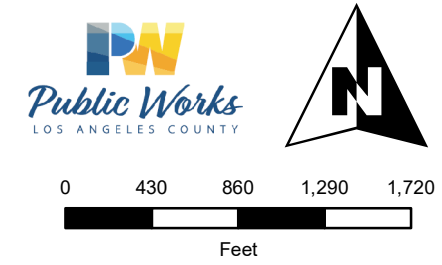
ENCLOSURE 2

CCTV PROJECT

YOTV1011B

PICO RIVERA

HIGH WATER LEVELS

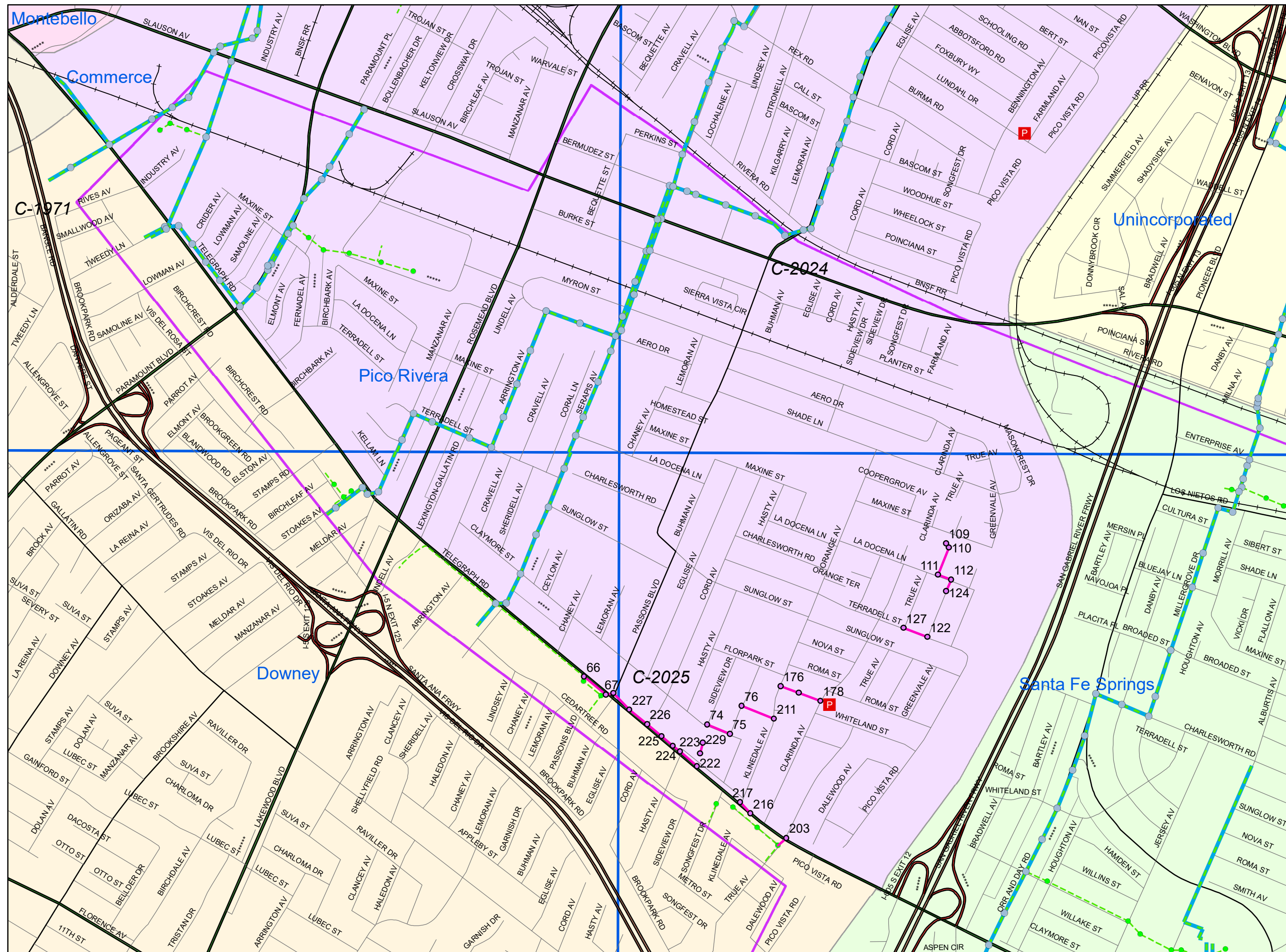


Legend

- High Water Levels
- SMD Manholes**
- Other
- Manhole Type**
- Standard
- ▲ DROP
- Shallow
- ◆ Trap
- ⊗ Siphon
- P SMD Pump Stations
- WTP SMD Treatment Plants
- Maintained by Others:**
- Trunk Sewerlines
- - - Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- YOTV1011B

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ENCLOSURE 3:

- Quick Structural Rating Report
Priority List
- Quick Structural rating Map

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF PICO RIVERA (Y0TV1011B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	2024-0400	2024-0399	BURKE ST	Broken; Fractures	Lining
2	2024-0445	2024-0444	AERO DR	Fracture	No action needed*
3	2025-0188	2025-0192	CLAYMORE ST	Broken	Point Repair
4	2025-0046	2025-0045	SUNGLOW ST	Broken	Point Repair
5	2025-0124	2025-0123	DALEWOOD AV	Fracture	No action needed*
6	2024-0423	2024-0422	BENNINGTON AV	Broken	Lining
7	2024-0402	2024-0401	BURKE ST	Hole at base of MH	Manhole base repair
8	2024-0401	2024-0400	BURKE ST	Broken	No action needed*
9	2024-0399	2024-0398	BURKE ST	Hole	No action needed*
10	2024-0447	2024-0448	AERO DR	Broken; Fractures	Lining
11	2024-0458	2025-0090	MASONCREST DR	Hole at base of MH	Manhole base repair
12	2025-0154	2025-0158	ROMA ST	Broken	No action needed*
13	2024-0391	2024-TRNK	SLAUSON AV	Broken	No action needed*
14	2025-0131	2025-0133	CLARINDA AV	Hole at base of MH	Manhole base repair
15	2024-0487	2024-0488	ALLEY	Hole at base of MH	No action needed*
16	2024-0411	2024-0402	BURKE ST	Hole	Lining
17	2025-0188	2025-0187	PICO VISTA RD	Hole at base of MH	Manhole base repair
18	2024-0481	1971-0291	MYRON ST	Broken	Lining
19	2024-0416	2024-0415	HASTY AV	Fractures	No action needed*
20	2025-0127	2025-0122	TERRADELL ST	Fractures	No action needed*
21	2025-0112	2025-0124	DALEWOOD AV	Cracks	No action needed*
22	2024-0445	2024-0446	AERO DR	Fractures	No action needed*
23	1971-0270	1971-0271	MANZANAR AV	Fractures	No action needed*
24	2024-0415	2024-0413	BURKE ST	Fractures	Lining
25	2024-0454	2025-0079	ORANGE AV	Cracks	No action needed*
26	1971-0271	1972-0002	MANZANAR AV	Cracks	No action needed*
27	2025-0081	2025-0082	SHADE LN	Broken	No action needed*
28	2024-0392	2024-0391	SLAUSON AV	Fracture	No action needed*
29	2025-0158	2025-0159	ROMA ST	Cracks	No action needed*
30	2025-0129	2025-0128	CLARINDA AV	Fracture	No action needed*
31	2025-0164	2025-0165	ROMA ST	Cracks	No action needed*
32	2025-0083	2025-0085	SHADE LN	Cracks	No action needed*
33	1971-0249	1971-0250	SLAUSON AV	Cracks	No action needed*

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
CITY OF PICO RIVERA (Y0TV1011B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
34	2024-0395	1971-0252	ALLEY	Fracture	No action needed*
35	2025-0156	2025-0157	GREENVALE AV	Fracture	No action needed*
36	2025-0128	2025-0127	TERRADELL ST	Cracks	No action needed*
37	2025-0130	2025-0129	CLARINDA AV	Cracks	No action needed*
38	2025-0105	2025-0106	HOMESTEAD ST	Fractures	No action needed*
39	2025-0076	2025-0075	SONGFEST DR	Fractures	No action needed*
40	2025-0111	2025-0112	LA DOCENA LN	Fractures	No action needed*
41	1971-0262	1971-0263	BIRCHLEAF AV	Fractures	No action needed*
42	2025-0054	2025-0055	LA DOCENA LN	Fracture	No action needed*
43	2024-0413	2024-0410	BURKE ST	Fracture	No action needed*
44	2024-0385	2024-0384	PERKINS ST	Fractures	No action needed*
45	2024-0482	2024-TRNK	SERAPIS AV	Broken	Lining
46	2024-0398	2024-TRNK	BURKE ST	Cracks	No action needed*
47	2025-0024	2025-0023	EGLISE AV	Broken	Point Repair

* Determined not to interfere with the normal operation of the sewer.

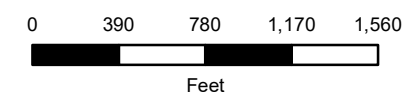
ENCLOSURE 3

CCTV PROJECT

Y0TV1011B

PICO RIVERA

QUICK STRUCTURAL RATING (QSR)



Legend

- SMD Sanitary Sewers QSR**
- 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT

SMD Manholes

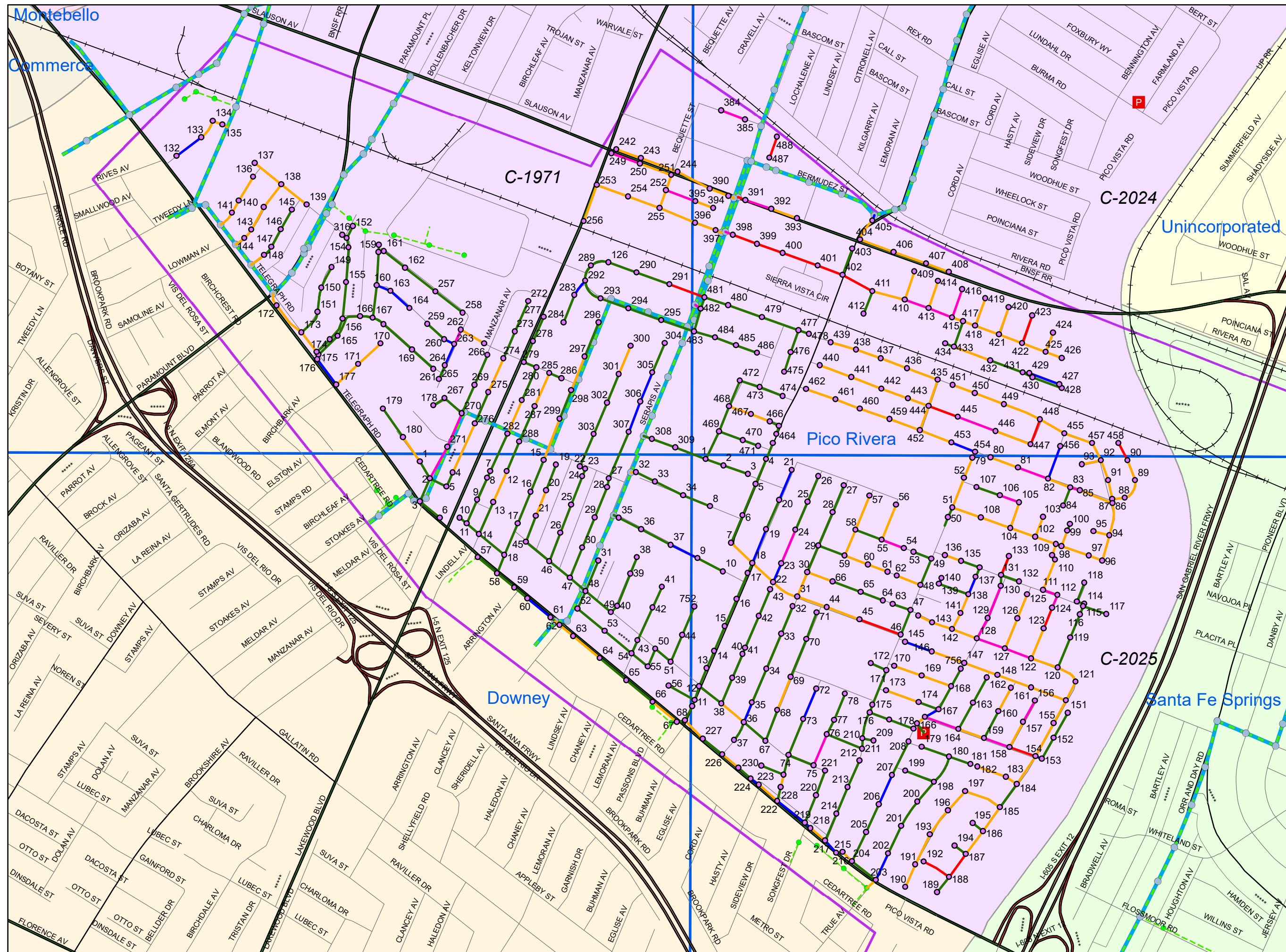
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

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AUGUST 2019



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Unincorporated

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