

January 7, 2019

KE TO: Nicholas Agbobu
Engineering, Budget, and Office Operations

FROM: Robert Swartz
Field Operations

**CONSOLIDATED SEWER MAINTENANCE DISTRICT
CONDITION ASSESSMENT PROGRAM REPORT
UNINCORPORATED COUNTY**

This memo is to inform you that Los Angeles County Public Works Consolidated Sewer Maintenance District (District) has completed a Sewer Condition Assessment Program of a portion of the unincorporated County's sewer system maintained by the District's Central Yard.

The enclosed Condition Assessment Report provides details regarding the maintenance and structural condition of your City's sewer mainlines. This information should be included in the District's Sewer System Management Plan as a reference in Chapter 8, System Evaluation and Capacity Assurance Plan. The segments with critical maintenance issues have been cleaned and, where appropriate, incorporated into our enhanced maintenance cleaning schedule for continued monitoring. In addition, the segments with severe structural defects have either been repaired or will be scheduled for repair or replacement as part of the ongoing Accumulative Capital Outlay Project.

EL:

Attach.

bc: RS, KE, File (Y0TV0910B)

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

PROJECT NAME:	Y0TV0910B	PROJECT MGR:	Kari Eskridge
PROJECT DATE:	5/5/10	CONTACT NO:	(626) 300-3390
SUP. DISTRICT(S):	1 & 4	MAP PAGE(S):	2079, 2080, 2129, 2130
Report By:	Eric Liu	Report Date:	1/7/19

INTRODUCTION

As part of the Sewer Condition Assessment Program, the Los Angeles County Public Works Consolidated Sewer Maintenance District (District) has completed the condition assessment of 227,704 feet or 13.2 percent of the unincorporated County's sewer system maintained by the District's Central Yard.

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

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

The District has now completed the condition assessment of 815,412 feet of the unincorporated County's sewer system maintained by the District's Central Yard. Previous Condition Assessment Reports dated September 3, 2008, June 3, 2009, March 4, 2011, March 4, 2011, and November 21, 2016 have been provided to you. A copy of the reports can also be found in the District's website at <http://dpw.lacounty.gov/smd/cctv/city/>.

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 Los Angeles County 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 the unincorporated County (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 67.5 percent of the system televised in unincorporated County as part of Project No. Y0TV0910B was free of significant blockages or restrictions that would impede sewer flows. However, the remaining 32.5 percent of the pipe segments within the unincorporated County 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 routine cleaning schedule with corrective action taken.

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 OF TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	3,522	1.6	20
2: Minor to Moderate	149,984	65.9	676
3: Moderate	31,011	13.6	127
4: Significant	42,001	18.4	162
5: Most Significant	1,186	0.5	6
TOTAL	227,704	100.0	991

High Water Levels

Our inspection revealed that approximately 99 percent of the system televised has adequate capacity. Approximately 1 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.

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

Infiltration

Our inspection revealed that approximately 0.3 percent of the system in unincorporated County as part of Project No. Y0TV0910B has infiltration within the pipe segments. Infiltration is the ingress of groundwater into the sewers through a defect or porous area of the pipe wall. All sewer pipes where infiltration was found are listed on the Infiltration Table in Enclosure 2. This table also provides the proposed corrective action for these impacted sewer segments. If a corrective action is proposed, the work will be programmed in the next 24 months as part of our ongoing Accumulative Capital Outlay Program.

A map showing the sewer lines with infiltration is provided in Enclosure 2.

STRUCTURAL REPORT

Our inspection revealed that approximately 80.8 percent of the inspected pipe segments within unincorporated County were free of severe structural defects. However, the remaining 19.2 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 based on the severity and the need for action. For items 1 through 171 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 OF TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	89,149	39.3	439
2: Minor to Moderate	64,298	28.2	257
3: Moderate	30,393	13.3	124
4: Significant	34,697	15.2	133
5: Most Significant	9,167	4.0	38
TOTAL	227,704	100.0	991

CONDITION ASSESSMENT PROJECTS

The Sewer Condition Assessment Program performed the condition assessment of the sewer lines within the unincorporated County maintained by the Central Yard according to the following schedule:

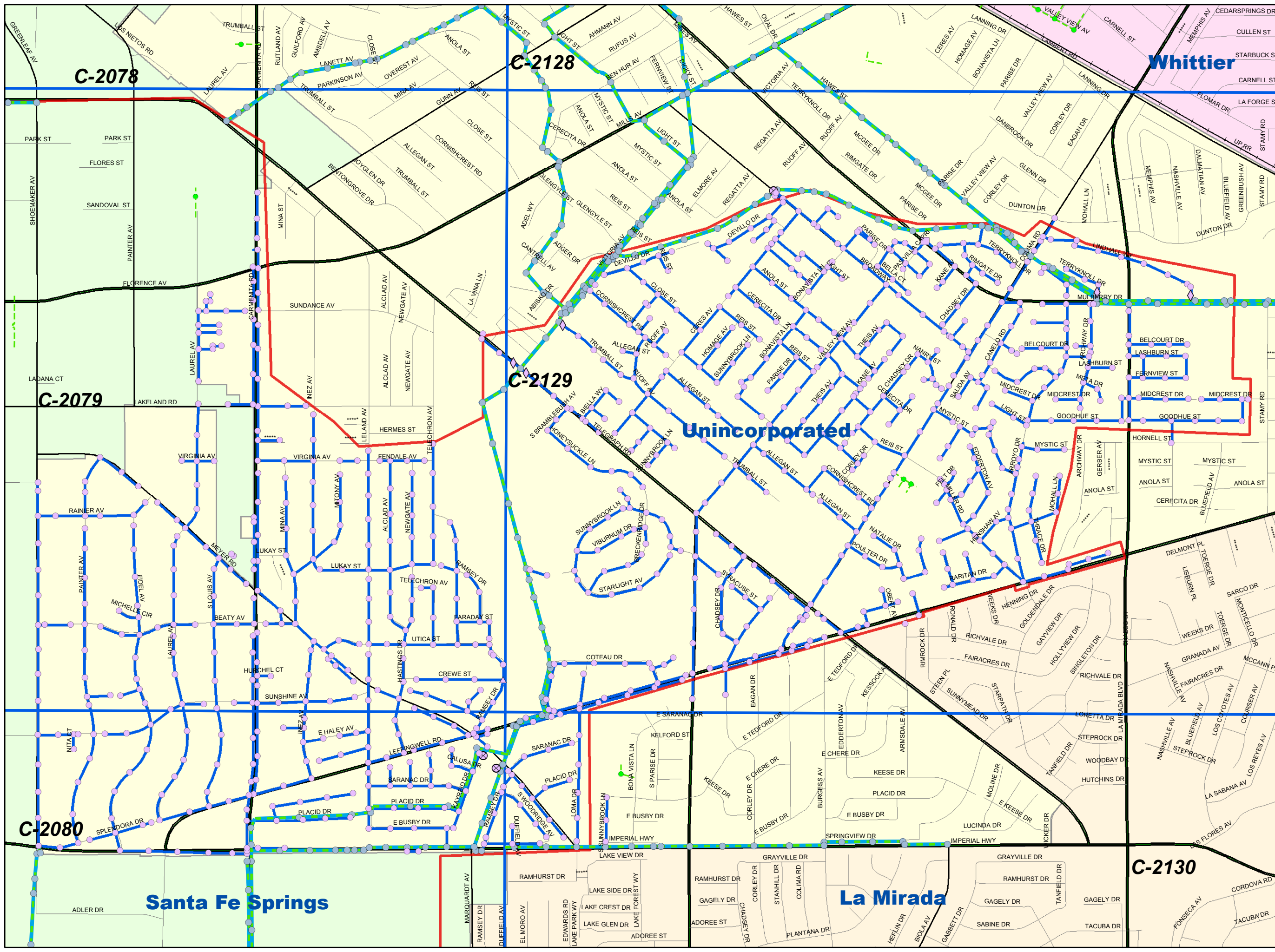
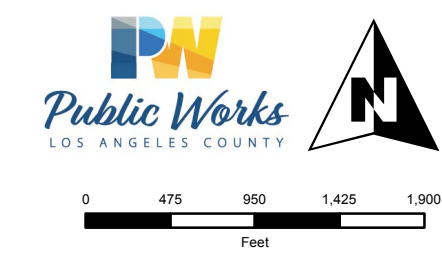
FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2005-06	Y0TV0506A	34,256	2.0	COMPLETED
2006-07	Y0TV0607C	9,475	0.6	COMPLETED
2007-08	Y0TV0708B	252,069	14.7	COMPLETED
2008-09	Y0TV0809B	5,167	0.3	COMPLETED
2009-10	Y0TV0910B	227,704	13.2	COMPLETED
2010-11	Y0TV1011B	286,741	16.7	COMPLETED
2011-12	Y0TV1112A	643,390	37.5	REPORT IN PROGRESS
2013-14	Y0TV1314B1	243,157	14.1	REPORT IN PROGRESS
2013-14	Y0TV1314B2	15,590	0.9	REPORT IN PROGRESS
TOTAL		1,717,549	100.0	

ENCLOSURE 1:

Project Overview Map

OVERVIEW MAP CCTV PROJECT Y0TV0910B

COUNTY
UNINCORPORATED



- Legend**
- SMD Sewers
 - SMD Sanitary Sewers
 - SMD Manholes
 - Manhole Type
 - Standard
 - ▲ DROP
 - Shallow
 - ◇ Trap
 - ⊗ Siphon
 - SMD Pump Stations
 - WTP SMD Treatment Plants
 - Trunk Sewerlines
 - Trunk MH
 - - - Non SMD Sanitary Sewers
 - Non SMD Maintained MH
 - SMD Operations Maps
 - CCTV PROJECT AREA

This map is intended only for internal operations of the Los Angeles County Sewer Maintenance Districts. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map. Data contained in this map is produced in whole or part from the Thomas Bros. Maps® digital database. This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps®. All rights reserved.

September 2018

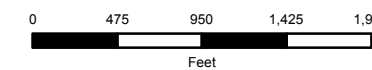
ENCLOSURE 2:

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

ENCLOSURE 2
CCTV PROJECT
Y0TV0910B

COUNTY
UNINCORPORATED

QUICK
MAINTENANCE
RATING
(QMR)

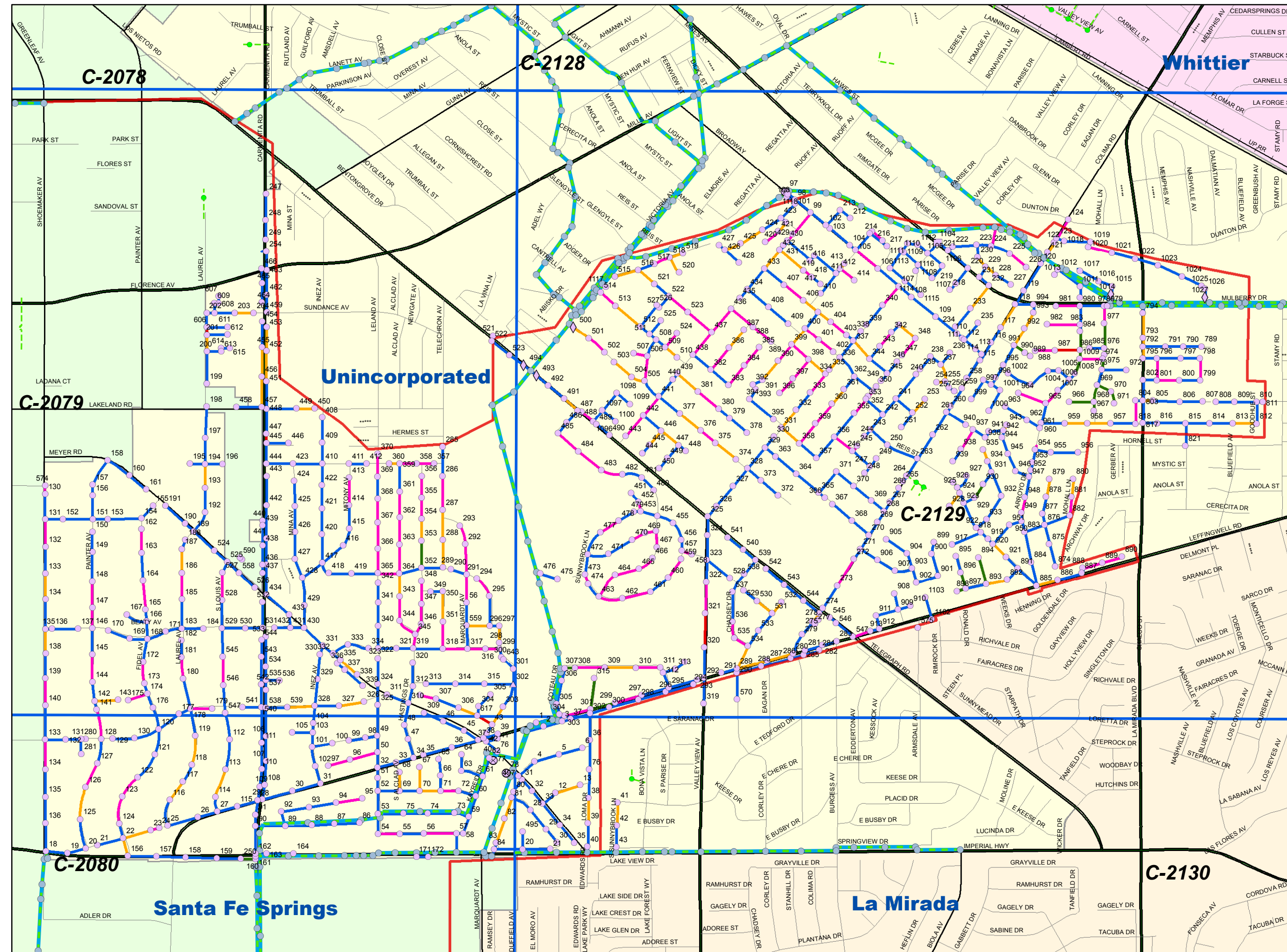


Legend

- SMD Sewers
- QMR
 - 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT
- SMD Manholes
- Manhole Type
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
 - SMD Treatment Plants
- Trunk Sewerlines
- Trunk MH
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

This map is intended only for internal operations of the Los Angeles County Sewer Maintenance Districts. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map. Data contained in this map is produced in whole or part from the Thomas Bros. Maps® digital database. This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps®. All rights reserved.

September 2018



Whittier

Unincorporated

Santa Fe Springs

La Mirada

C-2078

C-2128

C-2129

C-2079

C-2080

C-2130

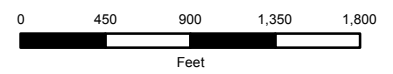
**ENCLOSURE 2
HIGH WATER LEVELS
COUNTY UNINCORPORATED CENTRAL YARD (YOTV0910B)**

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CAPACITY	CORRECTIVE ACTION
1	4A3B	2079-0317	2079-0318	UTICA ST	Camera under water	NO	Rodder
2	463A	2079-0316	2079-0317	UTICA ST	Camera under water	NO	Rodder
3	453C	2129-0513	2129-0514	CORNISHCREST RD	Camera under water	NO	Rodder
4	442A	2079-0299	2079-0316	UTICA ST	Camera under water	NO	Rodder
5	4336	2129-0429	2129-0430	CERES AV	Sag	NO	Rodder
6	4235	2129-0353	2129-0355	KANE AV	Sag	NO	Rodder
7	4231	2129-0225	2129-0226	TERRYKNOLL DR	Sag	NO	Rodder
8	4225	2129-0547	2129-0913	LEFFINGWELL RD	Camera under water	NO	Rodder
9	3221	2129-0514	2129-TRNK	VICTORIA AV	Sag	NO	No maintenance action needed

ENCLOSURE 2
CCTV PROJECT
Y0TV0910B

COUNTY
UNINCORPORATED

HIGH WATER LEVELS

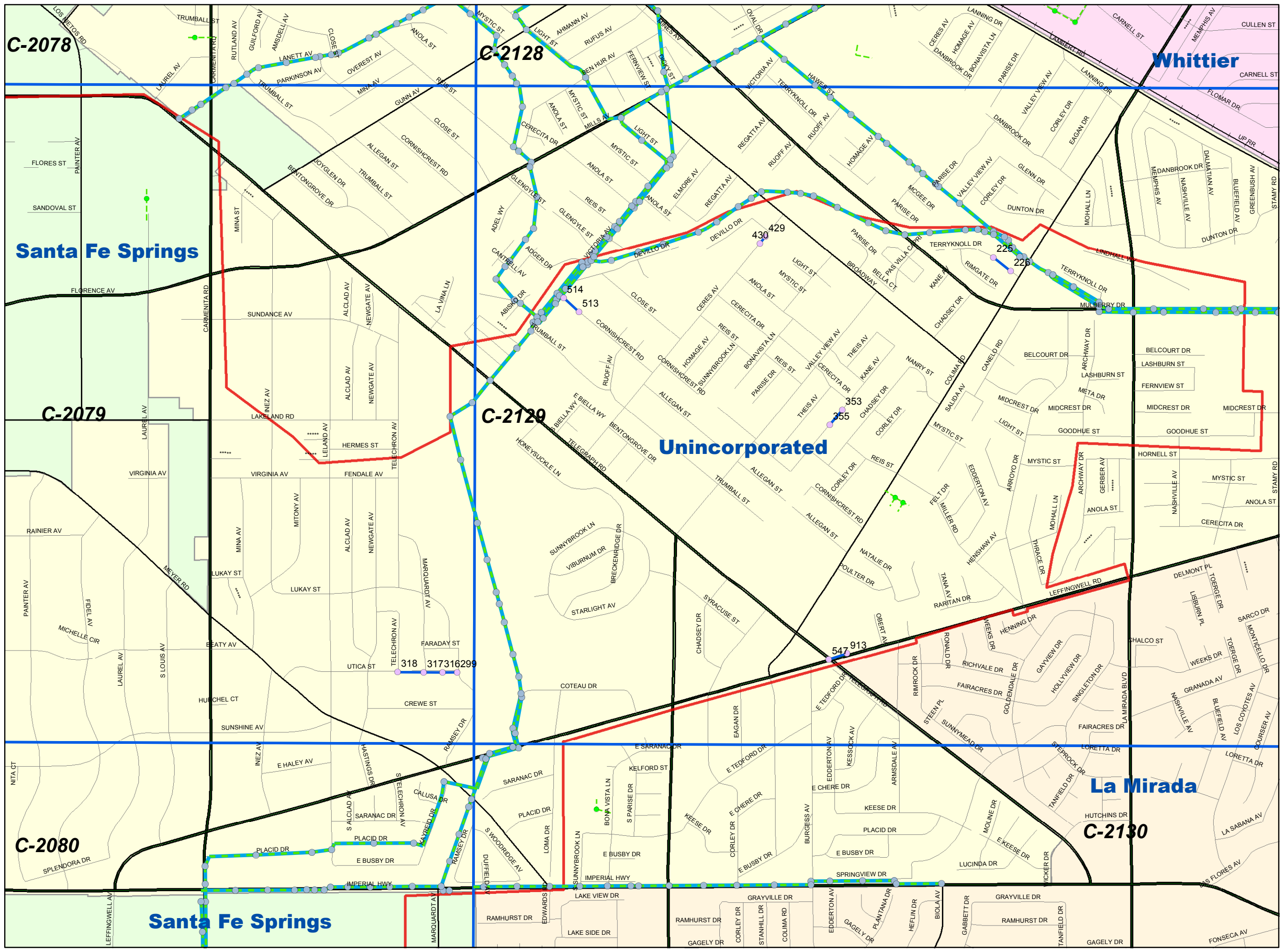


Legend

- High Water Levels
- SMD Manholes
- Manhole Type
 - Standard
 - ▲ DROP
 - Shallow
 - ◆ Trap
 - ⊗ Siphon
 - P SMD Pump Stations
- WTP SMD Treatment Plants
- Trunk Sewerlines
- Trunk MH
- - - Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

This map is intended only for internal operations of the Los Angeles County Sewer Maintenance Districts. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map. Data contained in this map is produced in whole or part from the Thomas Bros. Maps® digital database. This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps®. All rights reserved.

September 2018



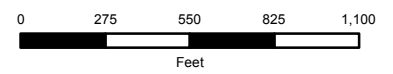
**ENCLOSURE 2
INFILTRATION
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)**

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
1	412A	2129-0224	2129-TRNK		Infiltration runner: 45'	Infiltration is minimum. No action needed.	
2	4432	2129-0123	2129-0124	COLIMA RD	Infiltration runner: 49', 53', 57'	Infiltration is minimum. No action needed.	
3	4122	2129-0948	2129-0949	ARROYO DR	Infiltration dripper: 249'	Infiltration is minimum. No action needed.	

ENCLOSURE 2
CCTV PROJECT
Y0TV0910B

COUNTY
UNINCORPORATED

INFILTRATION

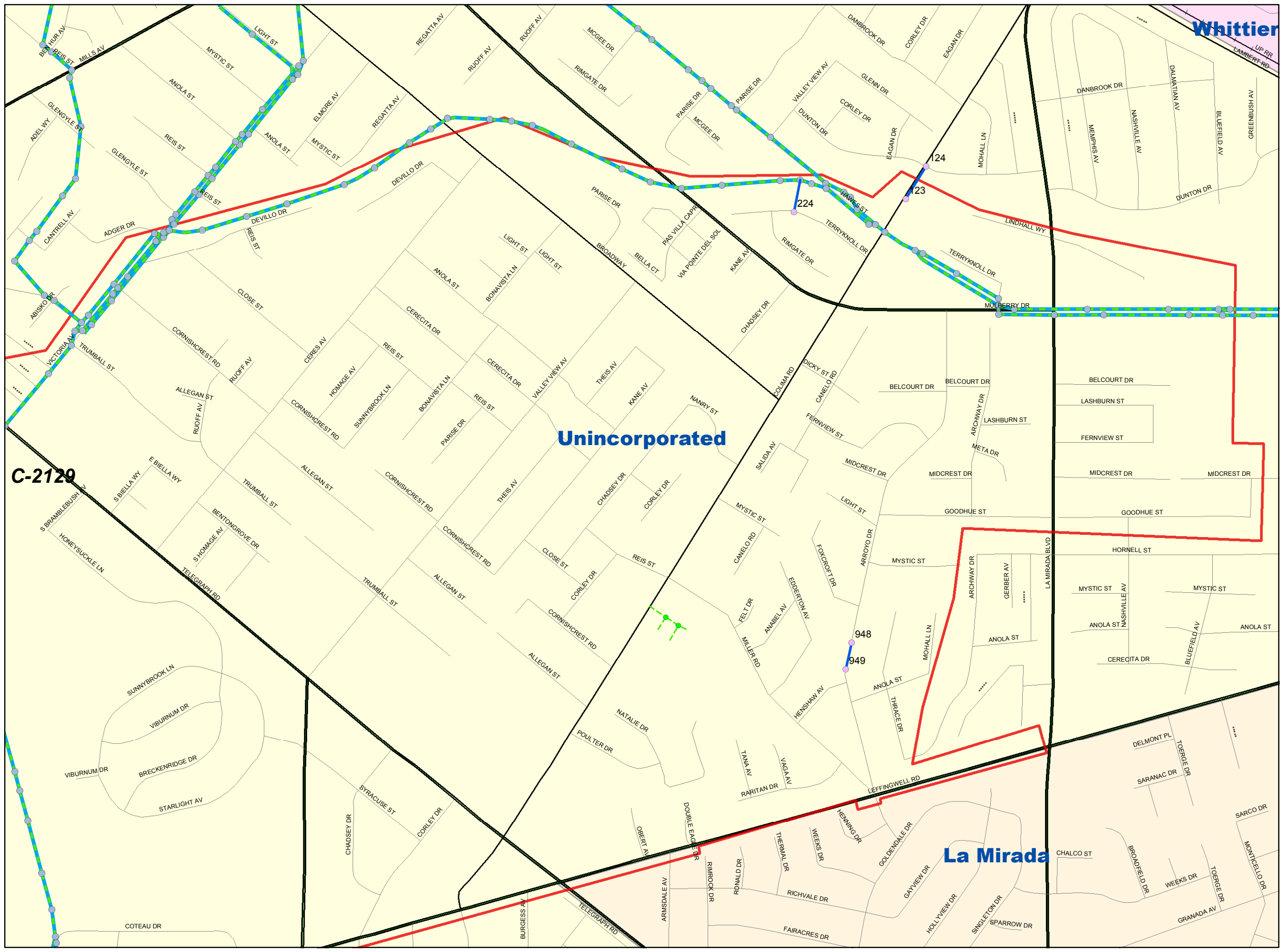


Legend

- Infiltration
- SMD Manholes
- Manhole Type
 - Standard
 - ▲ DROP
 - Shallow
 - ◆ Trap
 - ⊗ Siphon
- SMD Pump Stations
- WTP SMD Treatment Plants
- Trunk Sewerlines
- Trunk MH
- - - Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

This map is intended only for internal operations of the Los Angeles County Sewer Maintenance Districts. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map. Data contained in this map is produced in whole or part from the Thomas Bros. Maps® digital database. This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps®. All rights reserved.

September 2018



C-2129

ENCLOSURE 3:

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

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	2080-0096	2080-0097		Hole	Lining
2	2129-0337	2129-0344	ANOLA ST	Fractures; Broken	Lining
3	2129-0289	2129-0290	LEFFINGWELL RD	Fractures; Broken	Lining
4	2079-0451	2079-0452	CARMENITA RD	Fractures	Lining
5	2129-0378	2129-0379	ALLEGAN ST	Fractures; Broken	No action needed*
6	2079-0428	2079-0429	MINA AV	Fractures; Broken	Lining
7	2080-0053	2080-0075	PLACID DR	Hole	No action needed*
8	2129-0407	2129-0433	ANOLA ST	Fractures; Broken	Point Repair
9	2079-0174	2079-0176	FIDEL AV	Fractures; Broken	No action needed*
10	2129-0365	2129-0371		Fractures	No action needed*
11	2079-0447	2079-0448	CARMENITA RD	Hole; Fractures	No action needed*
12	2130-0029	2130-0030	WOODRIDGE AV	Fractures; Broken	Point Repair
13	2129-0380	2129-0381	ALLEGAN ST	Fractures	No action needed*
14	2079-0542	2079-0543	CARMENITA RD	Fracture multiple; Broken	Lining
15	2080-0028	2080-0091	CARMENITA RD	Hole	No action needed*
16	2080-0081	2080-0082	RAMSEY DR	Fractures; Hole	No action needed*
17	2129-0108	2129-0109	BROADWAY	Fractures; Broken	No action needed*
18	2129-0382	2129-0386	HOMAGE AV	Broken	No action needed*
19	2129-0796	2129-0801		Fractures	Lining
20	2129-0986	2129-0987	BELCOURT DR	Fractures; Broken	No action needed*
21	2079-0362	2079-0363	ALCLAD AV	Hole	Lining
22	2080-0098	2080-0099	HALEY AV	Fractures	No action needed*
23	2079-0166	2079-0168	FIDEL AV	Fractures	No action needed*
24	2079-0352	2079-0364	LUKAY ST	Broken	Lining
25	2129-0456	2129-0457	STARLIGHT AV	Fractures; Broken	Lining
26	2080-0087	2080-0088	PLACID DR	Fractures; Broken	No action needed*
27	2129-0276	2129-0279	COLIMA RD	Fractures; Broken	No action needed*
28	2129-0287	2129-0289	LEFFINGWELL RD	Fractures; Broken	No action needed*
29	2079-0201	2079-0606	LAUREL AV	Hole; Fractures	No action needed*
30	2129-0936	2129-0941		Broken	Point Repair
31	2129-0280	2129-0287	LEFFINGWELL RD	Hole; Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
32	2129-0388	2129-0436	REIS ST	Fractures	No action needed*
33	2129-0412	2129-0414	LIGHT ST	Fractures	No action needed*
34	2129-0375	2129-0376	TRUMBALL ST	Fractures	No action needed*
35	2129-0978	2129-0979	MULBERRY DR	Broken	No action needed*
36	2080-0032	2080-0051	LELAND AV	Fractures	Lining
37	2075-0138	2075-TRNK	MISSION MILL RD	Broken	Point Repair
38	2129-0412	2129-0413	BONAVISTA LN	Broken	Point Repair
39	2079-0452	2079-0453	CARMENITA RD	Fractures	No action needed*
40	2129-0974	2129-1009		Fractures	Lining
41	2129-0538	2129-0539	CHADSEY DR	Fractures	Lining
42	2129-0962	2129-0963	LIGHT ST	Fractures	No action needed*
43	2129-0337	2129-0338	VALLEY VIEW AV	Fractures	Lining
44	2129-0892	2129-0893	RARITAN DR	Fractures; Broken	No action needed*
45	2079-0435	2079-0441	CARMENITA RD	Fractures; Broken	Lining
46	2129-0455	2129-0456	STARLIGHT AV	Fractures	Lining
47	2130-0003	2130-0037	LEFFINGWELL RD	Fracture multiple	Lining
48	2079-0545	2079-0546	LOUIS AV	Fracture	Lining
49	2079-0434	2079-0435	CARMENITA RD	Fractures	Lining
50	2079-0365	2079-0419	LUKAY ST	Fractures	Lining
51	2129-0515	2129-0516	DEVILLO DR	Fractures	No action needed*
52	2129-0881	2129-0882	MOHALL LN	Fractures	No action needed*
53	2079-0200	2079-0201	LAUREL AV	Fractures	No action needed*
54	2130-0034	2130-0035	MEYER RD	Fractures	Lining
55	2079-0417	2079-0428	MITONY AV	Fractures	Lining
56	2079-0417	2079-0420	INEZ ST	Fracture multiple	Lining
57	2079-0138	2079-0139	SHOEMAKER AV	Fractures	No action needed*
58	2129-0984	2129-0986	ARROYO DR	Fractures; Broken	No action needed*
59	2129-0989	2129-0990	DICKY ST	Fractures	No action needed*
60	2079-0331	2079-0332	MEYER RD	Fractures	No action needed*
61	2079-0417	2079-0418	LUKAY ST	Fractures	No action needed*
62	2080-0094	2080-0095		Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
63	2080-0122	2080-0123	FIDEL AV	Fractures	No action needed*
64	2130-0036	2130-0076	LOMA DR	Fractures	Lining
65	2079-0317	2079-0318	UTICA ST	Fractures	Lining
66	2130-0039	2130-0040	LOMA DR	Fractures	Lining
67	2129-0991	2129-0995	CANELO RD	Fractures	No action needed*
68	2129-0795	2129-0796	LASHBURN ST	Fracture multiple	No action needed*
69	2129-0295	2129-0297	LEFFINGWELL RD	Fractures; Broken	No action needed*
70	2129-0299	2129-0301	LEFFINGWELL RD	Fractures	No action needed*
71	2129-0454	2129-0455	STARLIGHT AV	Fractures	No action needed*
72	2129-0797	2129-0798	LASHBURN ST	Hole; Fractures; Broken	No action needed*
73	2129-1004	2129-1005	FERNVIEW ST	Fractures	No action needed*
74	2130-0004	2130-0005	SARANAC DR	Fractures	No action needed*
75	2129-0425	2129-0426		Fractures	No action needed*
76	2080-0116	2080-0117	LAUREL AV	Fractures	No action needed*
77	2079-0324	2079-0325	LELAND AV	Fractures	No action needed*
78	2080-0112	2079-0547	LOUIS AV	Fractures	Lining
79	2080-0134	2080-0135	SHOEMAKER AV	Fractures	No action needed*
80	2080-0112	2080-0113	LOUIS AV	Fractures	Lining
81	2080-0029	2080-0108	CARMENITA RD	Fractures	No action needed*
82	2080-0032	2080-0033	LEFFINGWELL RD	Fractures	No action needed*
83	2079-0464	2079-0465	CARMENITA RD	Fractures	No action needed*
84	2079-0448	2079-0451	CARMENITA RD	Fractures	No action needed*
85	2129-0099	2129-0102	BROADWAY	Fractures	No action needed*
86	2129-0912	2129-0913	LEFFINGWELL RD	Fracture	No action needed*
87	2079-0431	2079-0433	MEYER RD	Broken	No action needed*
88	2079-0441	2079-0442	CARMENITA RD	Fractures; Broken	Lining
89	2080-0109	2080-0110	CARMENITA RD	Fractures	Lining
90	2079-0287	2079-0288	TELECHRON AV	Fractures	No action needed*
91	2129-0977	2129-0978	ARCHWAY DR	Cracks	No action needed*
92	2079-0151	2079-0152	RAINIER AV	Fractures	No action needed*
93	2079-0153	2079-0154	RAINIER AV	Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
94	2079-0178	2079-0179	SUNSHINE AV	Fractures	No action needed*
95	2079-0183	2079-0185	LAUREL AV	Fractures	No action needed*
96	2079-0194	2079-0197	LAUREL AV	Fractures	No action needed*
97	2079-0313	2079-0314	CREWE ST	Fractures	No action needed*
98	2079-0350	2079-0351	TELECHRON AV	Fractures	No action needed*
99	2079-0363	2079-0364	ALCLAD AV	Fractures	No action needed*
100	2079-0418	2079-0419	LUKAY ST	Fractures	No action needed*
101	2080-0048	2079-0310	HASTINGS DR	Fractures	No action needed*
102	2080-0051	2080-0052	LELAND AV	Fractures	No action needed*
103	2080-0073	2080-0074	PLACID DR	Fractures	No action needed*
104	2080-0118	2080-0119	LAUREL AV	Fractures	No action needed*
105	2080-0132	2080-0133	SUNSHINE AV	Fractures	No action needed*
106	2129-0294	2129-0296	LEFFINGWELL RD	Fracture	No action needed*
107	2129-0300	2129-0302	LEFFINGWELL RD	Fractures	No action needed*
108	2129-0301	2129-0303	LEFFINGWELL RD	Hole; Fractures	No action needed*
109	2129-0305	2129-0306	COTEAU DR	Fractures	No action needed*
110	2129-0322	2129-0323	VALLEY VIEW AV	Hole; Fractures	No action needed*
111	2129-0396	2129-0397	PARISE DR	Fractures	No action needed*
112	2129-0467	2129-0468	BRECKENRIDGE DR	Fractures	No action needed*
113	2129-0948	2129-0949	ARROYO DR	Fractures	No action needed*
114	2130-0005	2130-0006	SARANAC DR	Fractures	No action needed*
115	2130-0032	2130-0033	MEYER RD	Fractures	No action needed*
116	2129-0403	2129-0404	ANOLA ST	Fractures	No action needed*
117	2129-0286	2129-0288	LEFFINGWELL RD	Fractures; Broken	Lining
118	2129-1003	2129-1004	FERNVIEW ST	Fractures; Broken	No action needed*
119	2129-0793	2129-0794	LA MIRADA BV	Fracture multiple	Lining
120	2129-0796	2129-0797	LASHBURN ST	Fracture multiple	No action needed*
121	2129-0099	2129-0429	CERES AV	Fractures	No action needed*
122	2129-0285	2129-0286	LEFFINGWELL RD	Fractures	Lining
123	2129-0453	2129-0454	SUNNYBROOK LN	Fractures	No action needed*
124	2130-0002	2130-0003	LEFFINGWELL RD	Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
125	2130-0020	2080-0084	IMPERIAL HWY	Fractures	No action needed*
126	2129-0367	2129-0368	ALLEGAN ST	Fractures	No action needed*
127	2129-0513	2129-0514	CORNISHCREST RD	Fractures; Broken	No action needed*
128	2129-0932	2129-0933	EDDERTON AV	Fractures	No action needed*
129	2129-0957	2129-0958	GOODHUE ST	Fractures	No action needed*
130	2129-0308	2129-0309	COTEAU DR	Fractures	No action needed*
131	2129-0355	2129-0356	KANE AV	Fractures	No action needed*
132	2129-0390	2129-0391	BONAVISTA LN	Fractures	No action needed*
133	2079-0314	2079-0315	CREWE ST	Fractures	No action needed*
134	2079-0533	2079-0534	CARMENITA RD	Fractures	No action needed*
135	2129-0379	2129-0380	ALLEGAN ST	Fractures	No action needed*
136	2129-0408	2129-0409	CERECITA DR	Fractures	No action needed*
137	2129-0483	2129-0484	HONEYSUCKLE LN	Fractures	No action needed*
138	2129-0511	2129-0525	BRAMBLEBUSH AV	Fractures	No action needed*
139	2129-0514	2129-TRNK	VICTORIA AV	Fractures	Lining
140	2129-0800	2129-0801	FERNVIEW ST	Fractures	No action needed*
141	2130-0038	2130-0039	LOMA DR	Fractures	No action needed*
142	2079-0302	2079-0303	RAMSEY DR	Fractures	No action needed*
143	2079-0457	2079-0458	LAKELAND RD	Broken	No action needed*
144	2080-0083	2080-0084	RAMSEY DR	Fractures	Lining
145	2080-0121	2080-0122	FIDEL AV	Fractures	No action needed*
146	2129-0271	2129-0906	POULTER DR	Fractures	Lining
147	2129-0381	2129-0439	ALLEGAN ST	Fractures	No action needed*
148	2129-0506	2129-0507	ALLEGAN ST	Fractures	No action needed*
149	2129-0952	2129-0953	ARROYO DR	Fractures	No action needed*
150	2129-0978	2129-0980	MULBERRY DR	Fractures	No action needed*
151	2129-0995	2129-0996	CANELO RD	Fractures	No action needed*
152	2129-1005	2129-1006	FERNVIEW ST	Fractures	No action needed*
153	2130-0037	2129-0302	LEFFINGWELL RD	Fractures	No action needed*
154	2130-0002	2130-TRNK	LEFFINGWELL RD	Fractures	No action needed*
155	2079-0146	2079-0147	PAINTER AV	Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

**ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED CENTRAL YARD (Y0TV0910B)**

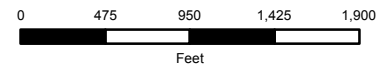
ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
156	2079-0534	2079-0535	CARMENITA RD	Fractures	No action needed*
157	2129-0242	2129-0243	CHADSEY DR	Broken	No action needed*
158	2080-0049	2080-0050	LELAND AV	Fractures	No action needed*
159	2129-0333	2129-0334	VALLEY VIEW AV	Fractures	No action needed*
160	2129-0521	2129-0522	CLOSE ST	Fractures	No action needed*
161	2080-0067	2080-0070	NEWGATE AV	Fractures	No action needed*
162	2129-0215	2129-0216	PARISE DR	Broken	No action needed*
163	2129-0508	2129-0509	CORNISHCREST RD	Fractures	No action needed*
164	2129-0511	2129-0512	CORNISHCREST RD	Fractures	No action needed*
165	2129-0540	2129-0541	TELEGRAPH RD	Fractures	No action needed*
166	2129-0922	2129-0933	EDDERTON AV	Fractures	No action needed*
167	2079-0359	2079-0360	FENDALE ST	Hole at base of MH 359	MH repair
168	2079-0367	2079-0368	LELAND AV	Fractures	No action needed*
169	2129-0934	2129-0935	EDDERTON AV	Fractures; Broken	No action needed*
170	2079-0300	2079-0643	RAMSEY DR	Broken	Yard investigation required
171	2080-0050	2080-0096		Fractures	No action needed*

*Structural deficiencies are categorized into groups of defects or observations with a wide range of severity. Each of these deficiencies received additional post inspection review and some of these were determined not likely to interfere with the normal operation of the sewer line due to the severity, size, and/or location of the deficiency. These segments will be reviewed during the next cycle of CCTV inspections.

ENCLOSURE 3
CCTV PROJECT
Y0TV0910B

COUNTY
UNINCORPORATED

QUICK
STRUCTURAL
RATING
(QSR)



Legend

- SMD Sewers
- QSR
 - 1: MINOR
 - 2: MINOR TO MODERATE
 - 3: MODERATE
 - 4: SIGNIFICANT
 - 5: MOST SIGNIFICANT
- SMD Manholes
- Manhole Type
 - Standard
 - DROP
 - Shallow
 - Trap
 - Siphon
 - SMD Pump Stations
- SMD Treatment Plants
- Trunk Sewerlines
- Trunk MH
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

This map is intended only for internal operations of the Los Angeles County Sewer Maintenance Districts. Los Angeles County expressly disclaims any liability for any inaccuracies which may be present in this map. Data contained in this map is produced in whole or part from the Thomas Bros. Maps® digital database. This map is copyrighted, and reproduced with permission granted, by Thomas Bros. Maps®. All rights reserved.

September 2018

