



GAIL FARBER, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

IN REPLY PLEASE  
REFER TO FILE  
IN REPLY PLEASE

REFER TO FILE **SM-1**

June 24, 2009

Mr. Lou LeBlanc, City Engineer  
City of Rosemead  
8838 East Valley Boulevard  
Rosemead, CA 91770

Attention Mr. Rafael Fajardo

Dear Mr. LeBlanc:

### **CONSOLIDATED SEWER MAINTENANCE DISTRICT CONDITION ASSESSMENT PROGRAM REPORTS PROJECTS Y0TV0708E AND Y0TV0809A**

This letter is to inform you that as part of the Sewer Condition Assessment Program, the County of Los Angeles, Department of Public Works Consolidated Sewer Maintenance District has completed the closed-circuit television inspection of 415,428 feet or 100 percent of the City of Rosemead's sewer system as part of two inspection projects titled Y0TV0708E and Y0TV0809A.

The enclosed reports for each of the respective inspection projects outlines the structural and maintenance ratings of your system based on the Pipeline Assessment and Certification Program's rating methodology. Included in the reports are the following:

- Condition Assessment Report
- Project Overview Map (Enclosure 1)
- Quick Maintenance Rating Report Priority List and Quick Maintenance Rating Map (Enclosure 2)
- Quick Structural Rating Report Priority List and Quick Structural Rating Map (Enclosure 3)
- Infrastructure Inspection Reports for Grades 4 and 5 (Enclosure 4)

Mr. Lou LeBlanc  
June 24, 2009  
Page 2

The Condition Assessment Report provides you with details regarding the maintenance and structural condition of your City's sewer mainlines. This information can be included in your agency's Sewer System Management Plan as a reference in Chapter 8.0 System Evaluation and Capacity Assurance Plan. The segments with critical maintenance issues have been cleaned and, in some instances, incorporated into our routine cleaning schedule. In addition, the segments with severe structural defects have either been repaired or will be scheduled for repair as part of the ongoing Accumulative Capital Outlay Project.

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

Very truly yours,

GAIL FARBER  
Director of Public Works



*for* JOHN T. WALKER  
Assistant Deputy Director  
Sewer Maintenance Division

KE:gy  
1703

Enc.

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

**100% SUMMARY**

---

SUP. DISTRICT(s): 1	MAP PAGE(S): T.G. 636, 596
Report By: Kari Eskridge	Report Date: 06/22/09

---

**INTRODUCTION**

As part of the Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District has completed the closed-circuit television inspection (CCTV) of 415,428 feet or 100 percent of the City of Rosemead's sewer system.

The CCTV inspection in the City of Rosemead was completed during two projects Y0TV0708E and Y0TV0809A. Enclosed for your reference are the Y0TV0708E and Y0TV0809A reports.

**SUMMARY MAINTENANCE REPORT**

Our inspection revealed that approximately 96.6 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 3.4 percent of the inspected pipe segments within the City of Rosemead area had a PACP maintenance grade of 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 as noted in the attached reports.

**QUICK MAINTENANCE RATING TABLE**

DEFECT GRADE	PIPE LENGTH (FT)	PERCENT TOTAL INSPECTED PIPE LENGTH	NO. SEGMENTS
1: Excellent	51,186	12.3%	240
2: <b>Good</b>	332,682	80.1%	1,369
3: Fair	17,288	4.2%	79
4: Poor	13,355	3.2%	52
5: Immediate Attention	917	0.2%	4
<b>TOTAL</b>	<b>415,428</b>	<b>100%</b>	<b>1,744</b>

## **SUMMARY STRUCTURAL REPORT**

Our inspection revealed that approximately 96.4 percent of the inspected pipe segments within the City of Rosemead were free of severe structural defects. However, the remaining 3.6 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. The priority lists for these items are located in the attached reports.

### **QUICK STRUCTURAL RATING TABLE**

<b>DEFECT GRADE</b>	<b>PIPE LENGTH (FT)</b>	<b>PERCENT TOTAL INSPECTED PIPE LENGTH</b>	<b>NO. SEGMENTS</b>
1: Excellent	286,592	69.0%	1,281
2: Good	52,516	12.6%	169
3: Fair	61,224	14.7%	232
4: Poor	7,529	1.8%	29
5: Immediate Attention	7,567	1.8%	33
<b>TOTAL</b>	<b>415,428</b>	<b>100%</b>	<b>1,744</b>

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

PROJECT NAME:	Y0TV0809A	PROJECT MGR:	Kari Eskridge
PROJECT DATE:	August 2008	CONTACT NO:	(626) 300-3390
SUP. DISTRICT(s):	1	MAP PAGE(S):	T.G. 636, 596
Report By:	Kari Eskridge	Report Date:	05/27/2009

**INTRODUCTION**

As part of the Sewer Condition Assessment Program, the County of Los Angeles, Department of Public Works Consolidated Sewer Maintenance District has completed the closed-circuit television inspection of 56,437 feet or approximately 13.6 percent of the City of Rosemead’s sewer system.

The Sewer Condition Assessment Program utilizes the Pipeline Assessment and Certification Program (PACP) rating methodology to rank the structural and maintenance ratings of your system based on industry standards.

**PROJECT AREA AND DESCRIPTION**

Project Y0TV0809A included sewer lines located in the Unincorporated County of Los Angeles area and the Cities of Temple City, Baldwin Park, and Rosemead. Enclosed for your reference is an overview map of the project area in 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 infrastructure defects. A grade of 1 indicates that a pipe segment is in excellent condition with minor defects and failure is unlikely in the foreseeable future, while a grade of 5 indicates that a pipe segment requires immediate attention and that the pipe has either failed or will likely fail within the next five years. A detailed breakdown of the five possible defect grades is as follows:

<b>Grade</b>	<b>Description</b>	<b>Estimate time to Failure</b>
<b>1:</b>	<b>EXCELLENT: Minor Defects.</b>	Unlikely in the foreseeable future
<b>2:</b>	<b>GOOD: Defects that have not begun to deteriorate.</b>	20 years or more
<b>3:</b>	<b>FAIR: Moderate defects that will continue to deteriorate.</b>	10 to 20 years
<b>4:</b>	<b>POOR: Severe defects that will become grade 5 defects within the foreseeable future.</b>	5 to 10 years
<b>5:</b>	<b>IMMEDIATE ATTENTION: Defects requiring immediate attention.</b>	Has failed or will likely fail within the next 5 years

## **MAINTENANCE REPORT**

Our inspection revealed that approximately 94.9 percent of the system televised was free of blockages or restrictions that would impede sewer flows. However, the remaining 5.1 percent of the inspected pipe segments within the City of Rosemead area had a PACP maintenance grade of 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 as noted on the Quick Maintenance Rating Report Priority List (Enclosure 2). Also included is a color-coded map showing the quick maintenance rating for each pipe segment.

### **QUICK MAINTENANCE RATING TABLE**

<b>DEFECT GRADE</b>	<b>PIPE LENGTH (FT)</b>	<b>PERCENT TOTAL INSPECTED PIPE LENGTH</b>	<b>NO. SEGMENTS</b>
1: Excellent	46,238	81.8	219
2: Good	2,816	5.0	13
3: Fair	4,555	8.1	23
4: Poor	2,906	5.1	11
5: Immediate Attention	0	0	0
<b>TOTAL</b>	<b>56,515</b>	<b>100.0</b>	<b>266</b>

## **STRUCTURAL REPORT**

Our inspection revealed that approximately 97 percent of the inspected pipe segments within the City of Rosemead were free of severe structural defects. However, the remaining 3 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 10 in the Quick Structural Rating Report Priority List (Enclosure 3) which require a corrective action, the proposed corrective method will be scheduled in the next 24 months as part of the ongoing Accumulative Capital Outlay Project. A color-coded map showing the Quick Structural Rating for each pipe segment is located in Enclosure 3. Copies of the actual inspection reports for these 10 segments are included in Enclosure 4.

### **QUICK STRUCTURAL RATING TABLE**

<b>DEFECT GRADE</b>	<b>PIPE LENGTH (FT)</b>	<b>PERCENT TOTAL INSPECTED PIPE LENGTH</b>	<b>NO. SEGMENTS</b>
1: Excellent	41,312	73.1	205
2: Good	7,716	13.7	31
3: Fair	5,792	10.2	20
4: Poor	613	1.1	2
5: Immediate Attention	1,082	1.9	8
<b>TOTAL</b>	<b>56,515</b>	<b>100.0</b>	<b>266</b>

## **FUTURE PROJECTS**

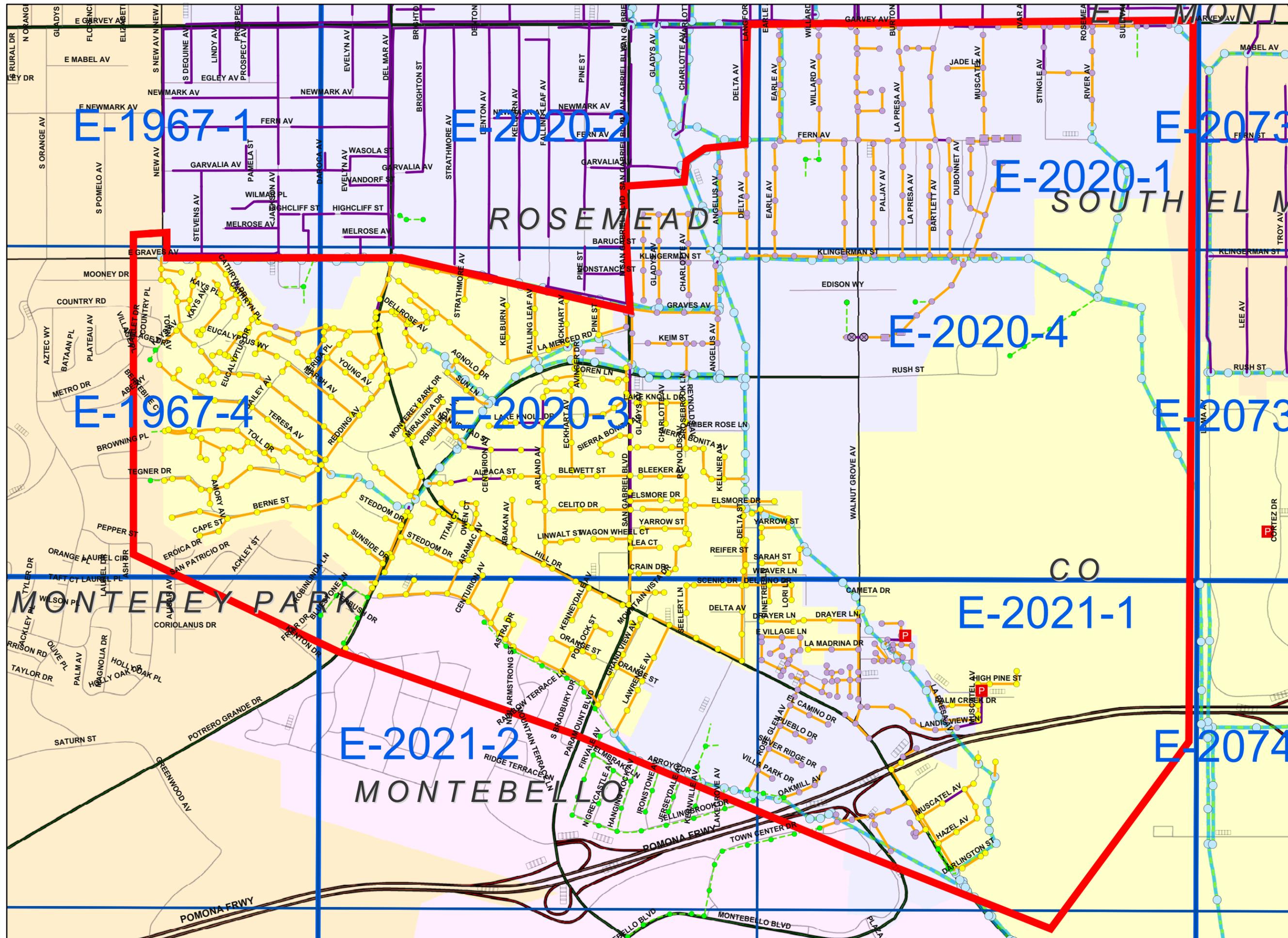
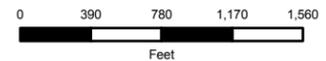
The Sewer Condition Assessment Program has performed closed-circuit television inspection of the sewer lines within the City of Rosemead according to the following schedule:

<b>FISCAL YEAR</b>	<b>PROJECT NAME</b>	<b>LENGTH (FT)</b>	<b>PERCENTAGE OF SYSTEM</b>	<b>STATUS</b>
2007-2008	Y0TV0708E	358,913	86.4	COMPLETED
2008-2009	Y0TV0809A	56,515	13.6	COMPLETED
<b>TOTAL</b>		<b>415,428</b>	<b>100.0</b>	

ENCLOSURE 1:

Project Overview Map

ENCLOSURE 1  
 Overview Map  
 CCTV PROJECT  
 YOTV0809A  
 City of Rosemead



**Legend**

- SMD Manholes**
  - Other
- RMD Manholes**
  - STD
  - SHALLOW
  - ⊗ SIPHON
- SMD Sanitary Sewers**
  - Other
  - YOTV0809A
- WTP** SMD Treatment Plants
- P** SMD Pump Stations
- Maintained by Others:**
  - Trunk Sewerlines
  - - - Non SMD Sanitary Sewers
  - Trunk MH
  - Non SMD MH
- SMD Operations Maps** (Blue outline)
- CCTV PROJECT AREA** (Red outline)

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.

JUNE 2009

## ENCLOSURE 2:

- Quick Maintenance Rating Report  
Priority List
- Quick Maintenance Rating Map

QUICK MAINTENANCE RATING REPORT PRIORITY LIST  
 CITY OF ROSEMEAD (Y0TV0809A)  
 as of 01/23/2009

ITEM NO.	SECTION NO.	QMR	START MH	END MH	STREET	OBSERVATION	DATE MAINTAINED	EQUIPMENT USED
1	846	4100	2020-0273	2020-0644	ANGELUS	DEPOSITS - OTHER	03/24/2009	Rodder
2	266	4100	2020-0721	2020-0720	EASEMEN	OBSTACLE	03/24/2009	Rodder
3	299	4100	2020-0754	2020-0160	EASEMEN	ROOTS - LATERAL BALL	03/24/2009	Rodder
4	1116	4112	2021-0103	2021-0101	VILLAGE L	INFILTRATION RUNNER	03/24/2009	Rodder
5	771	4112	2020-0243	2020-0244	EARLE AV	ROOTS - BALL & ROOTS -FINE	03/24/2009	Hydro
6	280	4131	2020-0174	2020-0175	EASEMEN	OBJECT - PROTRUDING & ROOTS - LATERAL FINE & ROOTS - LATERAL MEDIUM	03/25/2009	Hand Rodded
7	297	4131	2020-0158	2020-0159	EASEMEN	ROOTS -FINE & ROOTS - LATERAL MEDIUM & ROOTS - LATERAL BALL	03/27/2009	Rodder
8	252	4132	2020-0170	2020-0171	EASEMEN	ROOTS -FINE & ROOTS - LATERAL MEDIUM & ROOTS - LATERAL BALL	03/25/2009	Hydro
9	248	4231	2020-0166	2020-0167	EASEMEN	ROOTS - MEDIUM & ROOTS -FINE & ROOTS - LATERAL BALL	03/24/2009	Rodder
10	249	4233	2020-0165	2020-0166	EASEMEN	ROOTS -FINE & ROOTS - LATERAL MEDIUM & ROOTS - LATERAL BALL	03/25/2009	Hydro
11	253	4332	2020-0169	2020-0170	EASEMEN	DEPOSITS - GREASE & ROOTS - TAP & ROOTS - LATERAL MEDIUM	03/25/2009	Hydro

ENCLOSURE 2

CCTV PROJECT

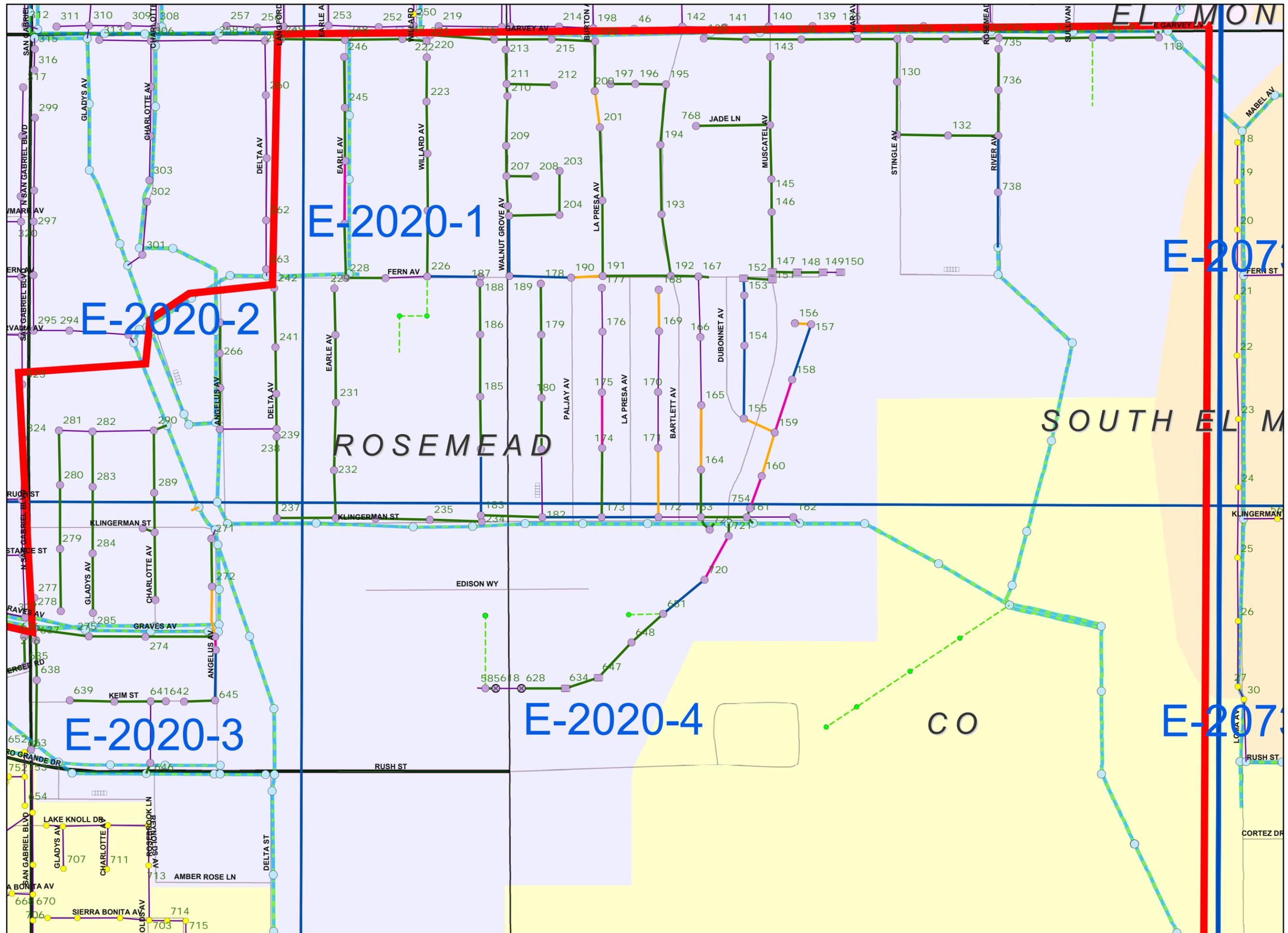
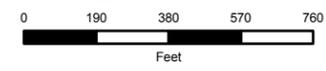
Y0TV0809A

City of Rosemead

Quick Maintenance

Rating

(QMR)



Legend

SMD Manholes

Other

ROSEMEAD MH

STD

SHALLOW

SIPHON

SMD Pump Satations

SMD Treatment Plants

SMD Sanitary Sewers

OTHER

QMR

1: EXCELLENT

2: GOOD

3: FAIR

4: POOR

5: IMMEDIATE ATTENTION

Maintained by Others:

Trunk Sewerlines

Non SMD Sanitary Sewers

Trunk MH

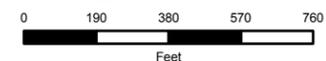
Non SMD MH

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.

JUNE 2009



E-2020-4

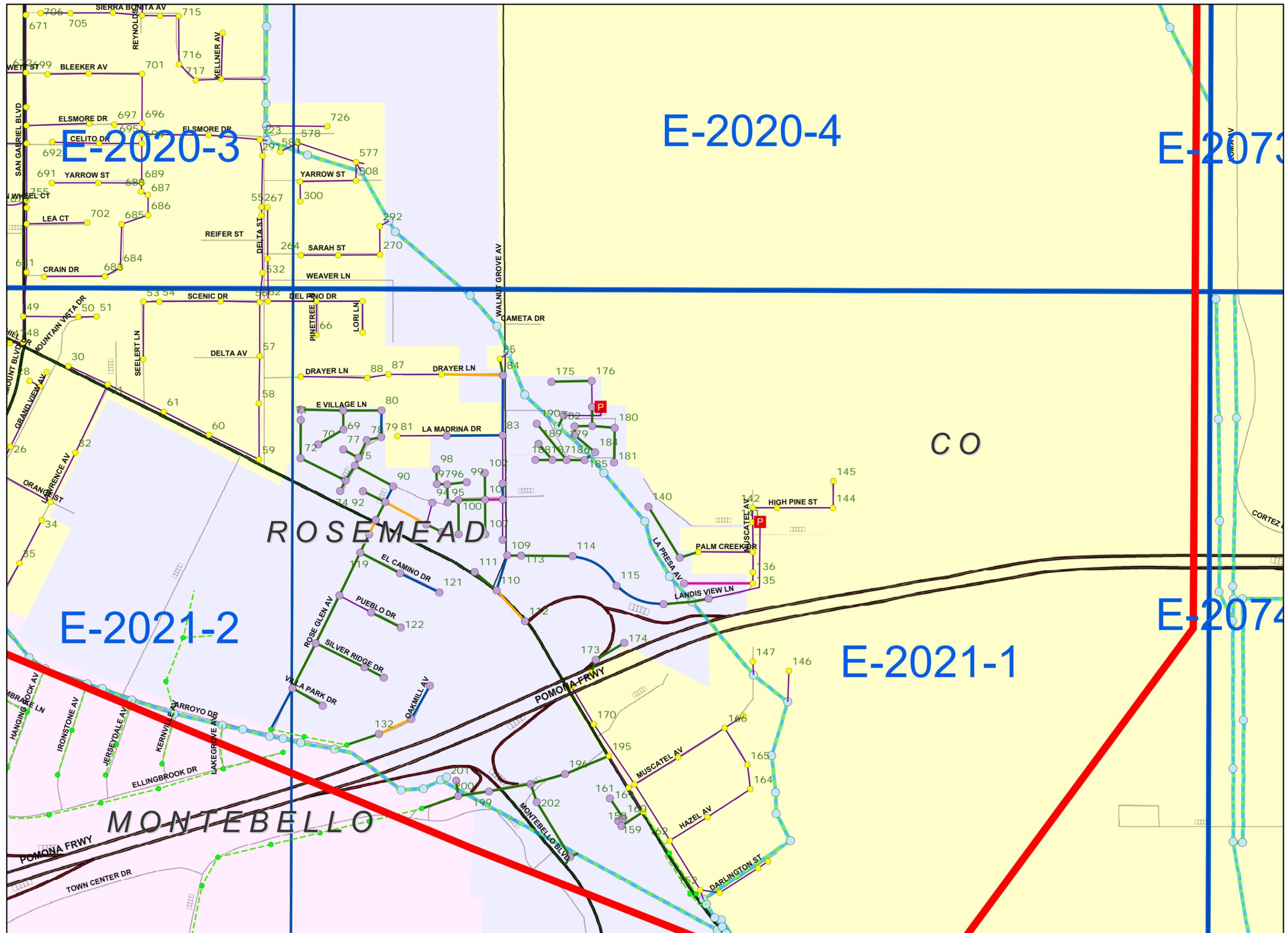
E-2073

E-2020-3

E-2021-2

E-2021-1

E-2074



Legend

SMD Manholes

- Other
- ROSEMEAD MH
  - STD
  - SHALLOW
  - SIPHON
  - SMD Pump Satations
  - SMD Treatment Plants

SMD Sanitary Sewers

- OTHER
- QMR
  - 1: EXCELLENT
  - 2: GOOD
  - 3: FAIR
  - 4: POOR
  - 5: IMMEDIATE ATTENTION

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Trunk MH
- Non SMD 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.

JUNE 2009

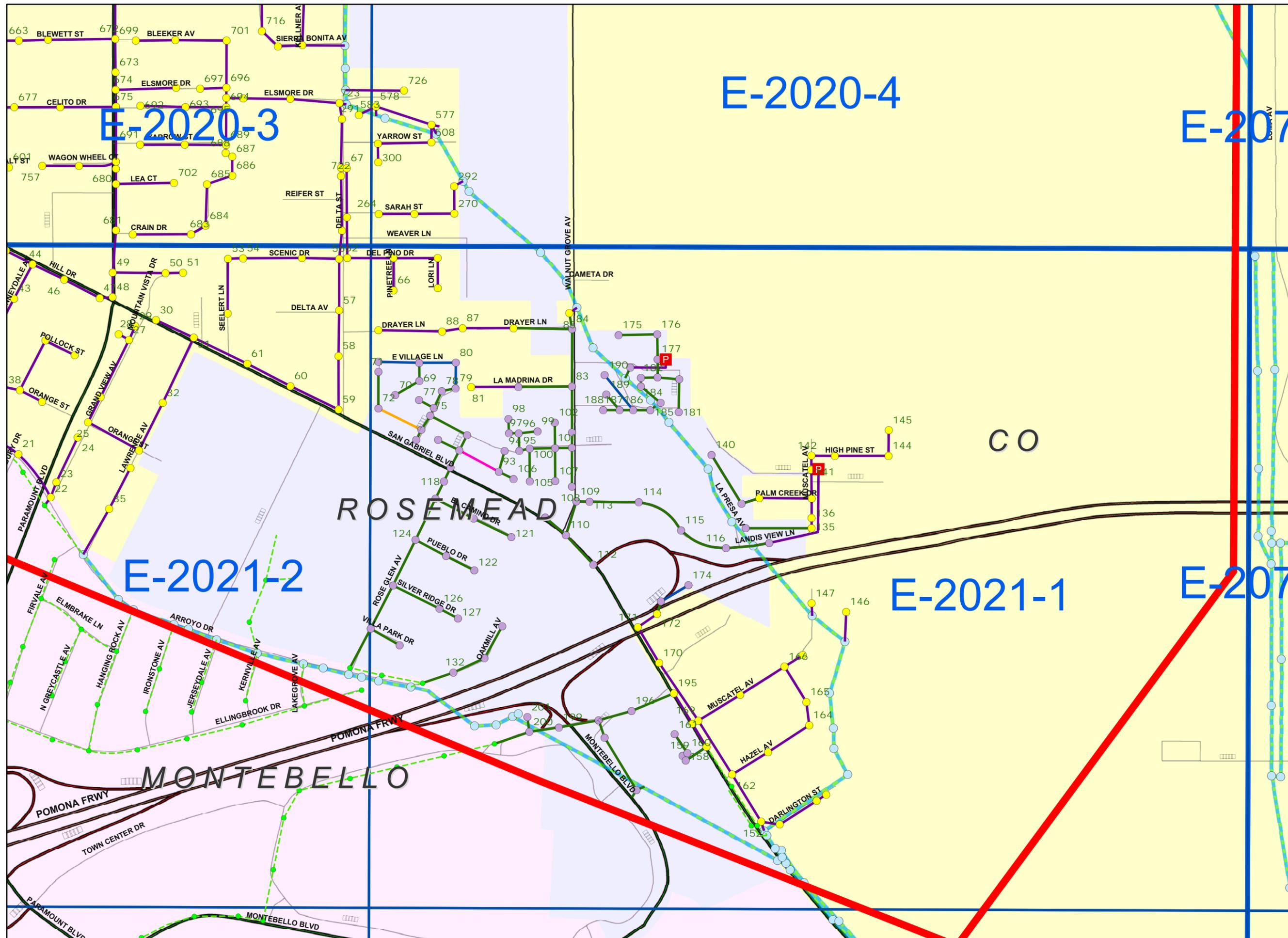
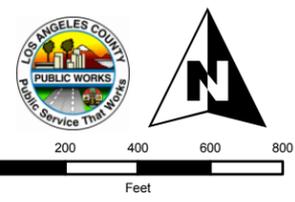
## ENCLOSURE 3:

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

**ENCLOSURE 3**  
**QUICK STRUCTURAL RATING REPORT PRIORITY LIST**  
**CITY ROSEMEAD (Y0TV0809A)**  
as of 01/23/09

ITEM NO.	QSR	START MH	END MH	STREET	OBSERVATION: LOCATION	PROPOSED CORRECTIVE ACTION	LENGTH OF REPAIR (FT)
1	5200	2020-0190	2020-0189	FERN AV	Hole (patched): 51', 68'	Structural integrity in tact. No action needed.	
2	5111	2020-0151	2020-0152	FERN AV	Broken with gasket visible: 115'	Structural integrity in tact. No action needed.	
3	5121	2020-0187	2020-0186	ALLEY W/O WALNUT GROVE AV	Broken with soil visible (inside lateral): 191'	Lateral Connection Lining	
4	5131	2020-0184	2020-0183	ALLEY W/O WALNUT GROVE AV	Broken with soil visible (inside lateral): 70', 189', 259'	Lateral Connection Lining	
5	511A	2020-0183	2020-0182	KLINGERMAN ST	Hole with void visible: 175'	Lining: MH to MH	338
6	5123	2020-0190	2020-0191	FERN AV	Hole with void visible: 212'	Structural integrity in tact. No action needed.	
7	5131	2020-0277	2020-0276	SAN GABRIEL BV	Broken with soil visible (inside lateral): 16'	Lateral Connection Lining	
8	5122	2020-0175	2020-0174	EASEMENT E/O PALJAY AV	Hole (intrusion of pipe / grounding rod): 261'	Point Repair	
9	4121	2020-0225	2020-0226	WILLARD AV	Fracture Multiple: 302'	Lining: MH to MH	329
10	4100	2021-0093	2021-0091	VILLAGE LN	Fracture Multiple: 198'	Lining: MH to MH	267





Legend

SMD Manholes

- Other
- ROSMEAD MH
  - STD
  - SHALLOW
  - SIPHON
  - SMD Pump Stations
  - SMD Treatment Plants

SMD Sanitary Sewers

- OTHER
- QSR
  - 1: EXCELLENT
  - 2: GOOD
  - 3: FAIR
  - 4: POOR
  - 5: IMMEDIATE ATTENTION

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Trunk MH
- Non SMD 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.

JUNE 2009

## ENCLOSURE 4:

Infrastructure Inspection Reports  
for Grades 4 and 5



## Inspection report

Date: <b>20081031</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Rigo Alvarez</b>	section number: <b>777</b>	PSR: <b>19533</b>
Total Pipe Length: <b>357.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>Rosemead</b>	Clean Date: <b>10/28/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>WILLARD AV</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0225</b>
City: <b>RMD</b>	Year Renewed:	End MH: <b>2020-0226</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>R311-049</b>	Total length surveyed: <b>329.1 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0225/2020-0226/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:825	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0225	00:00:33	3669	
	<u>6.00</u>	Water Level, 10 %, within 8 inch: NO	00:01:19	3670	M 2
	9.00	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:01:45	3671	
	41.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:03:04	3672	
	47.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:29	3673	
	56.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:00	3674	
	98.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:05:48	3675	
	104.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:15	3676	
	140.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:58	3677	
	161.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:08:56	3678	
	195.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:18	3679	
	<u>206.30</u>	Water Level, 20 %, within 8 inch: NO	00:10:53	3680	M 2
	212.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:19	3681	
	<u>215.80</u>	Water Level, 10 %, within 8 inch: NO	00:11:34	3682	M 2
	246.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:12:56	3683	
	<u>282.50</u>	Water Level, 20 %, within 8 inch: NO	00:14:30	3684	M 2
	292.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:15:00	3685	
	<u>302.80</u>	Fracture Multiple, from 8 to 5 o'clock, within 8 inch: YES	00:16:11	3686, b	S 4
	<u>305.70</u>	Crack Circumferential, from 7 to 9 o'clock, within 8 inch: YES	00:16:55	3688, b	S 1
	<u>309.10</u>	Fracture Circumferential, from 3 to 5 o'clock, within 8 inch: YES	00:17:41	3690, b	S 2
	329.10	Manhole, within 8 inch: NO, Remarks: 2020-0226	00:19:16	3692	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4121	2400	7	8	15	2.33	2	2.14



## Inspection report

Date: <b>20081107</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>280</b>	PSR: <b>19483</b>
Total Pipe Length: <b>310.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>EASEMENT</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0175</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0174</b>
Location Code: <b>Easement/Right of Way</b>	Tape/Media #: <b>M313-054</b>	Total length surveyed: <b>261.4 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0174/2020-0175/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0175	00:00:26	4426	
	5.20	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:00:59	4427	
	5.20	Water Level, 10 %, within 8 inch: NO	00:01:42	4428	
	47.40	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:03:11	4429	
	61.60	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:04:04	4430	
	61.60	Roots Fine Lateral, at 3 o'clock, within 8 inch: NO	00:04:17	4431	M 1
	70.30	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	00:05:16	4432	S 2
	87.60	Crack Longitudinal, at 3 o'clock, within 8 inch: YES	00:06:20	4433, b	S 2
	99.10	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:7:10	4435	
	102.20	Crack Circumferential, from 8 to 4 o'clock, within 8 inch: YES	00:07:36	4436, b	S 1
	123.20	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:08:41	4438	
	150.90	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:09:49	4439	
	187.30	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:11:13	4440	
	187.30	Roots Medium Lateral, at 3 o'clock, 40 %, within 8 inch: NO	00:11:27	4441	M 3
	209.30	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:12:25	4442	
	250.90	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:14:05	4443	
	252.40	Crack Circumferential, from 8 to 5 o'clock, within 8 inch: YES	00:14:32	4444, b	S 1
	253.20	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:15:05	4446	
261.40	Obstacle Intruding Thru Wall, from 1 to 5 o'clock, 25 %, within 8 inch: NO	00:16:34	4447, b	M 4	
261.40	Hole, at 1 o'clock, within 8 inch: NO	00:17:04	4449	S 3	
261.40	Abandoned Survey, within 8 inch: NO, Remarks: INSPECTION COMPLETE WITH	00:17:22	4450		

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3122	4131	9	8	17	1.8	2.67	2.12



## Inspection report

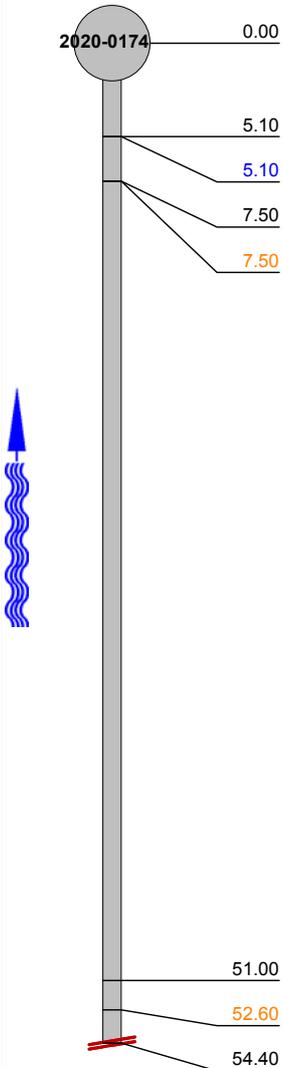
Date: <b>20081105</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>257</b>	PSR: <b>19483</b>
Total Pipe Length: <b>310.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>EASEMENT</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0174</b>
City: <b>RMD</b>	Year Renewed:	End MH: <b>2020-0175</b>
Location Code: <b>Easement/Right of Way</b>	Tape/Media #: <b>M313-052</b>	Total length surveyed: <b>54.4 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0174/2020-0175/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:125	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0174	00:00:40	4080	
	5.10	Tap Factory Active, at 9 o'clock, 4", within 8 inch: NO	00:01:06	4081	
	5.10	Water Level, 5 %, within 8 inch: NO	00:01:21	4082	M 2
	7.50	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:01:39	4083	
	7.50	Roots Medium Lateral, at 3 o'clock, 30 %, within 8 inch: NO	00:01:56	4084	M 3
	51.00	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:03:55	4085, b	
	52.60	Obstacle Intruding Thru Wall, from 7 to 11 o'clock, 15 %, within 8 inch: NO	00:04:58	4087, b	M 3
	54.40	Abandoned Survey, within 8 inch: NO, Remarks: UNABLE TO PASS OBSTACLE	00:06:14	4090	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
0000	3221	0	8	8	0	2.67	2.67



## Inspection report

Date: <b>20081106</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Rigo Alvarez</b>	section number: <b>839</b>	PSR: <b>19458</b>
Total Pipe Length: <b>170.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>SAN GABRIEL BV</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0277</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0276</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>R311-053</b>	Total length surveyed: <b>81.8 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0276/2020-0277/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:200	position	observation	MPEG	photo	grade
	0.10	Manhole, within 8 inch: NO, Remarks: 2020-0277	00:00:24	4754	
	0.10	Vermin Cockroach, within 8 inch: NO	00:00:37	4755, b	M 1
	3.00	Fracture Longitudinal, at 9 o'clock, within 8 inch: YES	00:01:25	4757, b	S 3
	5.90	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	00:02:30	4759, b	S 1
	9.30	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:3:10	4761	
	16.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:36	4762	
	16.30	Broken Soil Visible, at 9 o'clock, within 8 inch: NO, Remarks: In Side Of Lateral	00:04:13	4763, b	S 5
	81.80	Vermin Cockroach, within 8 inch: NO	00:06:11	4765, b	M 1
	81.80	Manhole, within 8 inch: NO, Remarks: 2020-0276	00:06:34	4767	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5131	1200	9	2	11	3	1	2.2



## Inspection report

Date: <b>20081104</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>245</b>	PSR: <b>19500</b>
Total Pipe Length: <b>171.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>FERN AV</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0190</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0191</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>M313-051</b>	Total length surveyed: <b>251.9 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0190/2020-0191/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:575	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0190	00:00:25	3831	
	0.00	Vermin Cockroach, within 8 inch: NO	00:00:32	3832	M 1
	4.80	Deposits Attached Grease, from 10 to 2 o'clock, 15 %, within 8 inch: NO	00:01:06	3833, b	M 3
	5.00	Water Level, 10 %, within 8 inch: NO	00:01:36	3835	
	9.40 <b>S1</b>	Deposits Attached Grease, from 10 to 2 o'clock, 10 %, within 8 inch: NO, Start	00:01:53	3836, b	M 2
	23.80	Roots Fine Joint, from 2 to 4 o'clock, within 8 inch: YES	00:02:42	3839, b	M 1
	28.70	Tap Factory Capped, at 9 o'clock, 6", within 8 inch: NO	00:03:16	3841	
	43.70	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:58	3842	
	57.50	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	00:04:46	3843, b	S 2
	57.50	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:04:58	3845, b	M 1
	75.70	Roots Fine Joint, from 4 to 8 o'clock, within 8 inch: YES	00:05:57	3847, b	M 1
	75.80	Crack Circumferential, from 11 to 4 o'clock, within 8 inch: YES	00:06:19	3849, b	S 1
	75.80 <b>F1</b>	Deposits Attached Grease, from 10 to 2 o'clock, 10 %, within 8 inch: NO, End	00:06:34	3851	M 2
	116.40	Roots Fine Joint, at 9 o'clock, within 8 inch: YES	00:07:59	3852, b	M 1
	116.40	Crack Longitudinal, at 9 o'clock, within 8 inch: YES	00:08:17	3854, b	S 2
	166.20	Roots Fine Joint, from 2 to 3 o'clock, within 8 inch: YES	00:10:12	3856, b	M 1
	197.20	Crack Longitudinal, at 12 o'clock, within 8 inch: YES	00:11:36	3858, b	S 2
	197.20	Roots Fine Joint, from 9 to 12 o'clock, within 8 inch: YES	00:11:52	3860, b	M 1
	212.40	Hole Void Visible, from 1 to 3 o'clock, within 8 inch: NO	00:13:05	3862, b	S 5
	241.00	Crack Circumferential, from 2 to 8 o'clock, within 8 inch: YES	00:14:33	3864, b	S 1
	251.90	Vermin Cockroach, within 8 inch: NO	00:15:20	3866	M 1
	251.90	Manhole, within 8 inch: NO, Remarks: 2020-0191	00:15:36	3867	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5123	312B	13	45	58	2.17	1.73	1.81



## Inspection report

Date: <b>20081107</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>275</b>	PSR: <b>19490</b>
Total Pipe Length: <b>331.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>KLINGERMAN ST</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0183</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0182</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>M313-054</b>	Total length surveyed: <b>338.5 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0182/2020-0183/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:775	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0183	00:00:25	4326	
	6.00	Water Level, 15 %, within 8 inch: NO	00:01:09	4327	
	62.90	Crack Circumferential, from 9 to 2 o'clock, within 8 inch: YES	00:03:27	4328, b	S 1
	63.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:03:55	4330	
	65.60	Crack Circumferential, from 7 to 11 o'clock, within 8 inch: YES	00:04:17	4331, b	S 1
	74.60	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:05:06	4333, b	S 1
	163.60	Water Level, 80 %, within 8 inch: NO	00:08:35	4335	
	165.30	Joint Offset Medium, within 8 inch: YES	00:09:30	4336	S 1
	170.00	Deposits Attached Grease, from 8 to 1 o'clock, 10 %, within 8 inch: NO	00:10:03	4337	M 2
	175.70	Hole Void Visible, from 7 to 1 o'clock, within 8 inch: YES	00:10:56	4338, b	S 5
	195.40	Water Level, 20 %, within 8 inch: NO	00:12:09	4340	
	227.90	Crack Circumferential, from 9 to 4 o'clock, within 8 inch: YES	00:14:17	4341, b	S 1
	246.20	Crack Circumferential, from 7 to 11 o'clock, within 8 inch: YES	00:15:26	4343, b	S 1
	249.40	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:16:07	4345, b	S 1
	266.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:17:09	4347	
	280.00	Crack Circumferential, from 7 to 12 o'clock, within 8 inch: YES	00:18:09	4348, b	S 1
	292.10	Crack Circumferential, from 7 to 4 o'clock, within 8 inch: YES	00:18:56	4350, b	S 1
	304.30	Crack Circumferential, from 9 to 3 o'clock, within 8 inch: YES	00:19:52	4352, b	S 1
	325.90	Crack Circumferential, from 7 to 5 o'clock, within 8 inch: YES	00:21:06	4354, b	S 1
	338.50	Manhole, within 8 inch: NO, Remarks: 2020-0182	00:21:58	4356	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
511A	2100	16	2	18	1.33	2	1.38



## Inspection report

Date: <b>20081104</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Rigo Alvarez</b>	section number: <b>814</b>	PSR: <b>19491</b>
Total Pipe Length: <b>359.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>10/31/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>ALLEY</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0184</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0183</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>R311-051</b>	Total length surveyed: <b>336.6 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0184/2020-0183/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:750	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0184	00:00:33	4288	
	5.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:03	4289	
	5.80	Roots Fine Lateral, at 9 o'clock, within 8 inch: NO	00:01:28	4290, b	M 1
	5.80	Crack Circumferential, from 10 to 5 o'clock, within 8 inch: NO, Remarks: Lateral	00:02:26	4292, b	S 1
	8.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:02:57	4294	
	9.80	Crack Multiple, from 8 to 5 o'clock, within 8 inch: YES	00:03:30	4295, b	S 3
	12.60	Water Level, 20 %, within 8 inch: NO	00:04:08	4297	
	15.50	General Observation, within 8 inch: NO, Remarks: Pipe joint Length 3'	00:04:30	4298	
	59.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:06:04	4299	
	70.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:43	4300	
	70.50	Tap Factory Defective, at 9 o'clock, 6", 3, within 8 inch: NO	00:07:01	4301, b	M 2
	109.40	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:38	4303	
	130.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:30	4304	
	159.70	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:10:39	4305	
	189.30	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:56	4306	
	189.30	Broken Soil Visible, at 9 o'clock, within 8 inch: NO, Remarks: In Lateral	00:12:20	4307, b	S 5
	210.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:13:27	4309	
	251.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:15:05	4310	
	260.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:15:54	4311	
	283.80	Water Level, 35 %, within 8 inch: NO	00:16:53	4312	
	311.50	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:18:02	4313	
	314.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:18:22	4314	
	325.50	Water Level, 20 %, within 8 inch: NO	00:18:57	4315	
	336.60	Vermin Cockroach, within 8 inch: NO	00:19:49	4316, b	M 1
	336.60	Manhole, within 8 inch: NO, Remarks: 2020-0183	00:20:08	4318	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5131	2112	9	4	13	3	1.33	2.17



## Inspection report

Date: <b>20081104</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Rigo Alvarez</b>	section number: <b>811</b>	PSR: <b>19495</b>
Total Pipe Length: <b>277.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>10/31/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>ALLEY</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0187</b>
City: <b>RMD</b>	Year Renewed	End MH: <b>2020-0186</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>R311-051</b>	Total length surveyed: <b>299.5 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0187/2020-0186/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0187	00:00:30	4222	
	4.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:16	4223	
	6.70	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:01:56	4224	
	10.90	Water Level, 10 %, within 8 inch: NO	00:02:11	4225	
	13.90	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 3'	00:02:37	4226	
	60.90	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:04:04	4227	
	69.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:33	4228	
	111.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:05:57	4229	
	113.80	Tap Break-in Active, at 11 o'clock, 4", within 8 inch: NO	00:06:19	4230	
	131.60	Tap Factory Abandoned, at 10 o'clock, 6", within 8 inch: NO	00:07:06	4231	
	161.10	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:08:10	4232	
	191.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:09:19	4233	
	191.10	<b>Broken Soil Visible, at 9 o'clock, within 8 inch: NO, Remarks: In Side Of Lateral</b>	<b>00:10:09</b>	<b>4234, b</b>	<b>S 5</b>
	211.90	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:11:11	4236	
	213.20	<b>Crack Longitudinal, at 4 o'clock, within 8 inch: YES</b>	<b>00:11:29</b>	<b>4237, b</b>	<b>S 2</b>
	253.40	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:13:00	4239	
	262.20	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:13:31	4240	
	299.50	<b>Vermin Cockroach, within 8 inch: NO</b>	<b>00:15:07</b>	<b>4241, b</b>	<b>M 1</b>
	299.50	Manhole, within 8 inch: NO, Remarks: 2020-0186	00:15:25	4243	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5121	1100	7	1	8	3.5	1	2.67



## Inspection report

Date: <b>20081103</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>234</b>	PSR: <b>19577</b>
Total Pipe Length: <b>157.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>Temple City</b>	Clean Date: <b>10/13/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>FERN AV</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0151</b>
City: <b>RMD</b>	Year Renewed:	End MH: <b>2020-0152</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>M313-050</b>	Total length surveyed: <b>119.6 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0151/2020-0152/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:275	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0151	00:00:23	3664	
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:20	3665	
	115.90	Broken Soil Visible, from 3 to 11 o'clock, within 8 inch: YES	00:04:43	3666, b	S 5
	115.90	Crack Circumferential, from 10 to 2 o'clock, within 8 inch: YES	00:05:14	3668	S 1
	119.60	Manhole, within 8 inch: NO, Remarks: 2020-0152	00:05:43	3669	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5111	0000	6	0	6	3	0	3



## Inspection report

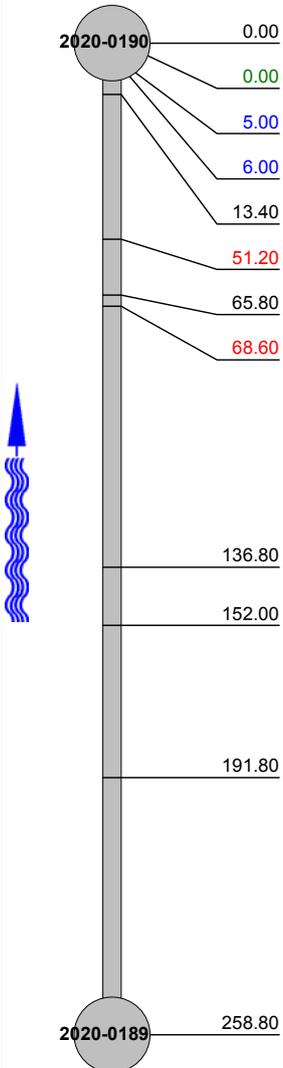
Date: <b>20081104</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Martin Garcia</b>	section number: <b>244</b>	PSR: <b>19498</b>
Total Pipe Length: <b>337.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>ROSEMEAD</b>	Clean Date: <b>11/03/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2020</b>

Street: <b>FERN AV</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2020-0190</b>
City: <b>RMD</b>	Year Renewed:	End MH: <b>2020-0189</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>M313-051</b>	Total length surveyed: <b>258.8 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0189/2020-0190/2020</b>	Lining:
	Category:

Comment:  
 Location details:

1:600	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2020-0190	00:00:38	3817	
	0.00	Vermin Cockroach, within 8 inch: NO	00:00:44	3818	M 1
	5.00	Water Level, 15 %, within 8 inch: NO	00:01:18	3819	M 2
	6.00	Deposits Attached Grease, from 9 to 3 o'clock, 10 %, within 8 inch: NO	00:06:56	3820	M 2
	13.40	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:22	3821	
	51.20	Hole Void Visible, from 10 to 2 o'clock, within 8 inch: NO	00:09:45	3822, b	S 5
	65.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:10:48	3824	
	68.60	Hole Void Visible, from 10 to 2 o'clock, within 8 inch: NO	00:11:26	3825, b	S 5
	136.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:14:04	3827	
	152.00	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:14:48	3828	
	191.80	Tap Factory Capped, at 3 o'clock, 6", within 8 inch: NO	00:16:24	3829	
	258.80	Manhole, within 8 inch: NO, Remarks: 2020-0189	00:19:01	3830	



QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
5200	2211	10	5	15	5	1.67	3



## Inspection report

Date: <b>20081216</b>	P.O.#: <b>Y0TV0809A</b>	Weather: <b>Dry</b>	Surveyed By: <b>Rigo Alvarez</b>	section number: <b>1108</b>	PSR: <b>18903</b>
Total Pipe Length: <b>256.00</b>	Survey Customer: <b>LACDPW</b>	System Owner: <b>Rosemead</b>	Clean Date: <b>12/12/2008</b>	Pre-Cleaned: <b>Jetting</b>	Map Grid #: <b>2021</b>

Street: <b>VILLAGE LN</b>	Flow Control: <b>Not Controlled</b>	Start MH: <b>2021-0093</b>
City: <b>RMD</b>	Year Renewed:	End MH: <b>2021-0091</b>
Location Code: <b>Light Highway</b>	Tape/Media #: <b>R311-078</b>	Total length surveyed: <b>267.2 ft</b>

Purpose: <b>Routine Assessment</b>	Dia/Height: <b>Circular 8"/8"</b>
Use: <b>Sanitary</b>	Material: <b>Vitrified Clay Pipe</b> Pipe Joint length:
Drain. Area: <b>0091/2021-0093/2021</b>	Lining:
	Category:

Comment:  
 Location details:

1:675	position	observation	MPEG	photo	grade
	0.00	Manhole, within 8 inch: NO, Remarks: 2021-0093	00:00:28	221	
	11.20	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:01:30	222	
	<u>11.80</u>	<b>Water Level, 5 %, within 8 inch: NO</b>	<b>00:01:44</b>	<b>223</b>	<b>M 2</b>
<b>2021-0093</b>	16.70	General Observation, within 8 inch: NO, Remarks: Pipe Joint Length 5'	00:02:17	224	
	39.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:03:18	225	
	53.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:04:07	226	
	98.80	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:02	227	
	111.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:06:41	228	
	130.80	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:07:42	229	
	137.90	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:08:12	230	
	144.00	General Observation, within 8 inch: NO, Remarks: Factory Glue Joint	00:08:54	231, b	
	155.30	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:09:53	233	
	168.10	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:10:33	234	
	179.80	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:11:13	235	
	192.50	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:11:52	236	
	<u>198.60</u>	<b>Fracture Multiple, from 7 to 10 o'clock, within 8 inch: YES</b>	<b>00:12:45</b>	<b>237, b</b>	<b>S 4</b>
	199.70	Tap Factory Active, at 3 o'clock, 4", within 8 inch: NO	00:13:31	239	
	<u>199.70</u>	<b>Roots Medium Connection, at 3 o'clock, 45 %, within 8 inch: NO</b>	<b>00:13:52</b>	<b>240, b</b>	<b>M 3</b>
	207.00	Tap Factory Active, at 9 o'clock, 6", within 8 inch: NO	00:14:56	242	
	207.00	General Observation, within 8 inch: NO, Remarks: Factory Glue Lateral	00:15:28	243, b	
	216.50	Tap Factory Active, at 3 o'clock, 6", within 8 inch: NO	00:16:16	245	
	<u>260.70</u>	<b>Water Level Sag, 25 %, within 8 inch: NO, Start</b>	<b>00:18:02</b>	<b>246, b</b>	<b>M 2</b>
	<u>264.20</u>	<b>Water Level Sag, 25 %, within 8 inch: NO, End</b>	<b>00:18:28</b>	<b>248, b</b>	<b>M 2</b>
<b>2021-0091</b>	264.20	<b>Water Level, 5 %, within 8 inch: NO</b>	<b>00:18:46</b>	<b>250</b>	<b>M 2</b>
	267.20	Manhole, within 8 inch: NO, Remarks: 2021-0091	00:19:25	251	

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
4100	3124	4	11	15	4	2.2	2.5