


September 6, 2018

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 the County of Los Angeles Department of 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 South 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 (Y0TV0910D)

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

PROJECT NAME:	Y0TV0910D	PROJECT MGR:	Eric Liu
PROJECT DATE:	1/31/11	CONTACT NO:	(626) 300-3369
SUP. DISTRICT(S):	2	MAP PAGE(S):	1481, 1482, 1534, 1535, 1587, 1588, 1589, 1592, 1642, 1646
Report By:	Eric Liu	Report Date:	9/6/18

INTRODUCTION

As part of the Sewer Condition Assessment Program, the County of Los Angeles Department of Public Works Consolidated Sewer Maintenance District (District) has completed the condition assessment of 301,756 feet or 14.3 percent of the unincorporated County's sewer system maintained by the District's South 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 Priority Map (Enclosure 3)

The District has now completed the condition assessment of 1,228,553 feet of the unincorporated County's sewer system maintained by the District's South Yard. Previous Condition Assessment Reports dated July 23, 2009, December 14, 2009, November 12, 2009, April 13, 2011, and June 20, 2013 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. Y0TV0910D included sewer lines located in the unincorporated County of Los Angeles and the Cities of Carson and Santa Clarita. 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 68.7 percent of the system televised in unincorporated County as part of Project No. Y0TV0910D was free of significant blockages or restrictions that would impede sewer flows. However, the remaining 31.3 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 TOTAL INSPECTED PIPE LENGTH	NO. OF SEGMENTS
1: Minor	1,327	0.4	7
2: Minor to Moderate	205,990	68.3	924
3: Moderate	25,637	8.5	113
4: Significant	65,111	21.6	274
5: Most Significant	3,691	1.2	16
TOTAL	301,756	100.0	1,334

High Water Levels

Our inspection revealed that approximately 99.2 percent of the system televised has adequate capacity. Approximately 0.8 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 0.2 percent of the system in unincorporated County as part of Project No. Y0TV0910D 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 91.8 percent of the inspected pipe segments within unincorporated County were free of severe structural defects. However, the remaining 8.2 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 112 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	189,700	62.9	836
2: Minor to Moderate	10,986	3.6	52
3: Moderate	76,490	25.3	334
4: Significant	18,682	6.2	83
5: Most Significant	5,898	2.0	29
TOTAL	301,756	100.0	1,334

CONDITION ASSESSMENT PROJECTS

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

FISCAL YEAR	PROJECT NAME	LENGTH (FT)	PERCENTAGE OF SYSTEM	STATUS
2005-2006	Y0TV0506B	192,470	9.1	COMPLETED
2006-2007	Y0TV0607A	123,225	5.8	COMPLETED
2007-2008	Y0TV0708G	357,674	17.0	COMPLETED
2008-2009	Y0TV0809D	115,004	5.5	COMPLETED
2009-2010	Y0TV0910A	138,424	6.6	COMPLETED
2009-2010	Y0TV0910D	301,756	14.3	COMPLETED
2011-2012	Y0TV1112C	479,646	22.7	REPORT IN PROGRESS
2018-2019	Y0TV1819B	400,436	19.0	SCHEDULED
TOTAL		2,108,635	100.0	

ENCLOSURE 1:

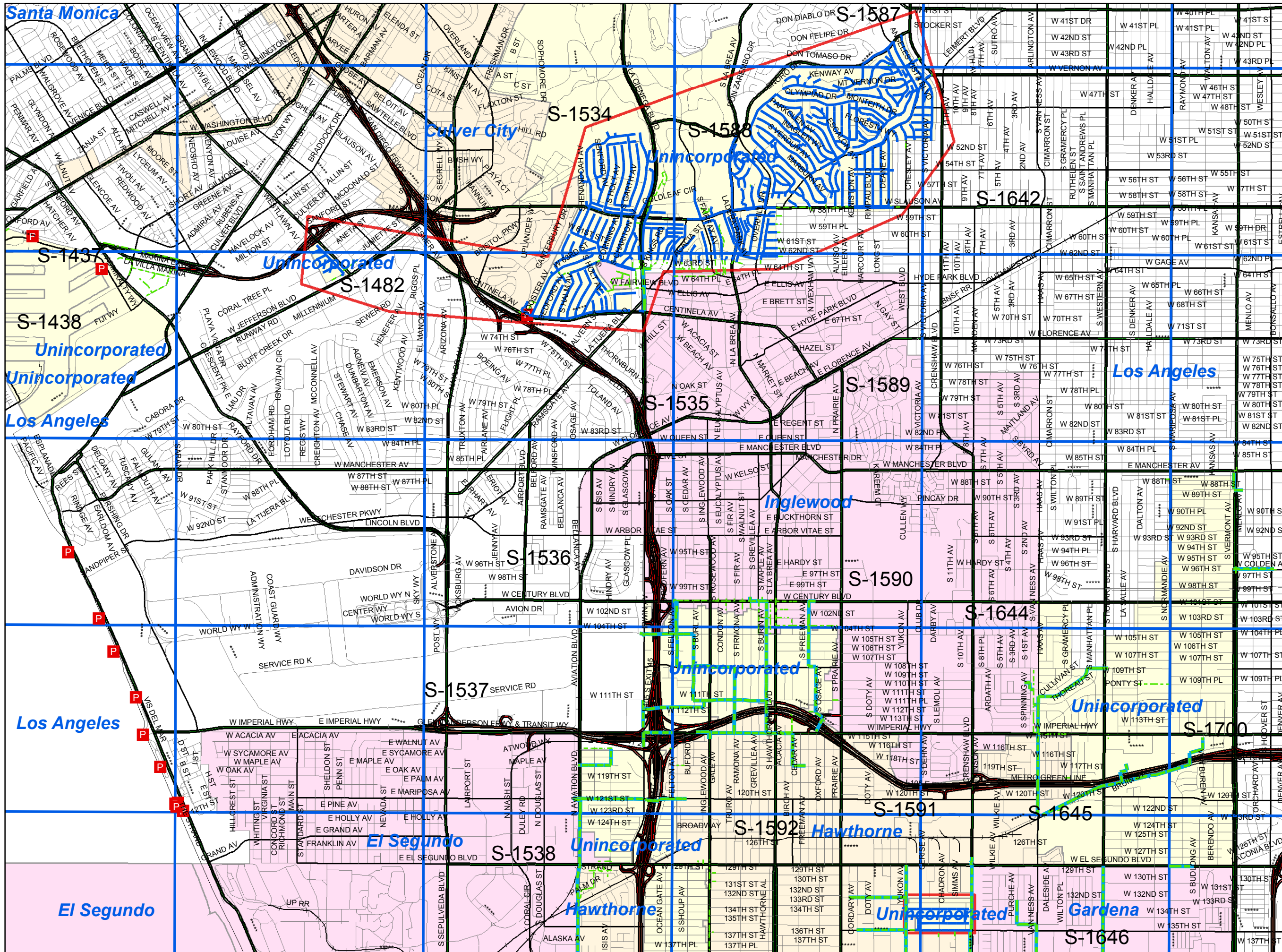
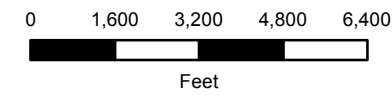
Project Overview Map

OVERVIEW MAP

CCTV PROJECT

YOTV0910D

COUNTY
UNINCORPORATED



Legend

- SMD Sanitary Sewers**
 - SMD Sanitary Sewers
- SMD Manholes**
 - Other
 - 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
 - CCTV PROJECT AREA

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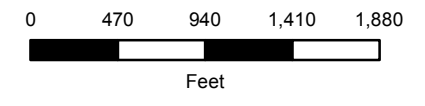
ENCLOSURE 2:

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

ENCLOSURE 2 CCTV PROJECT YOTV0910D

COUNTY
UNINCORPORATED

QUICK
MAINTENANCE
RATING
(QMR)



Legend

SMD Sanitary Sewers

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

SMD Manholes

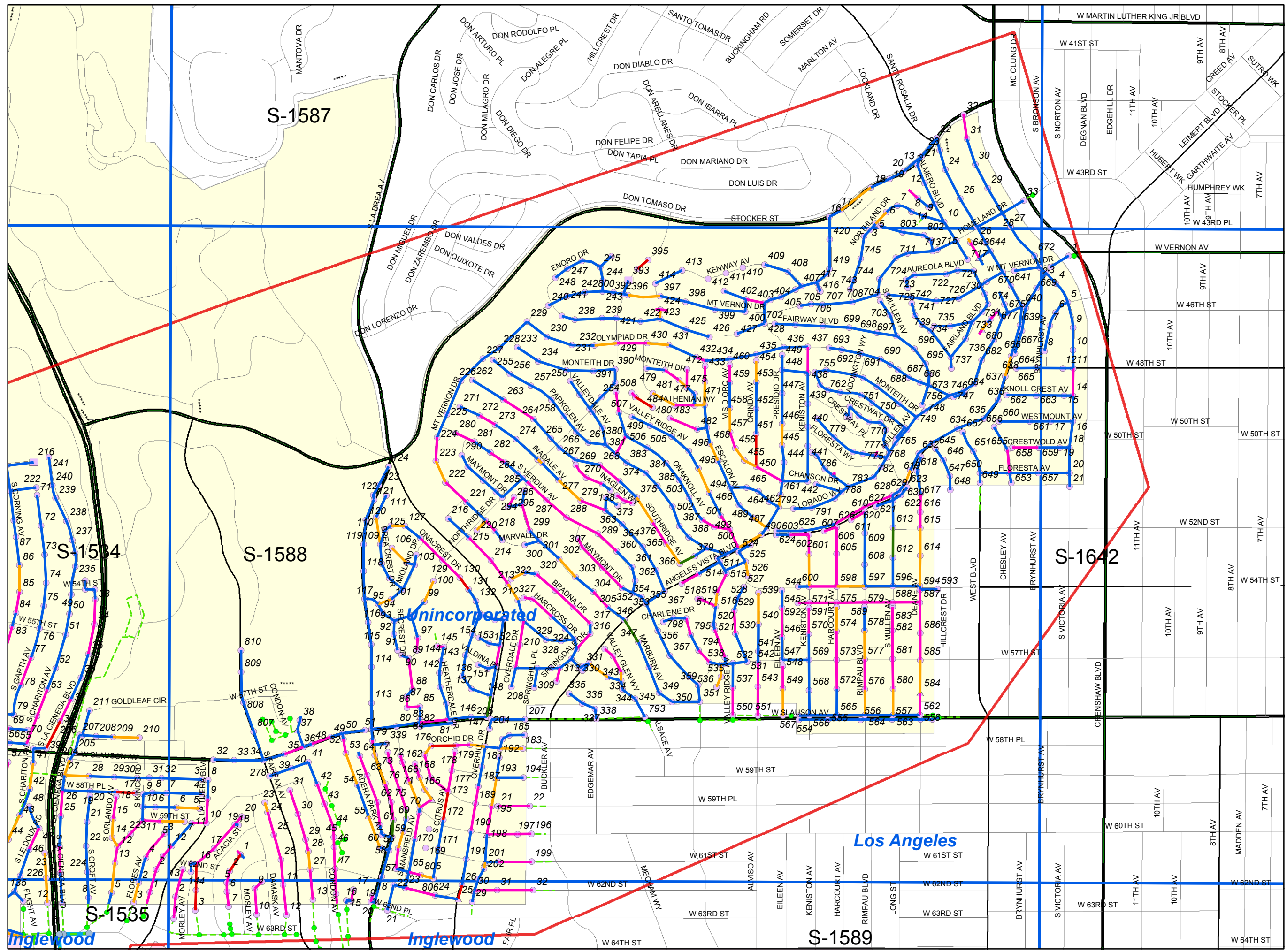
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

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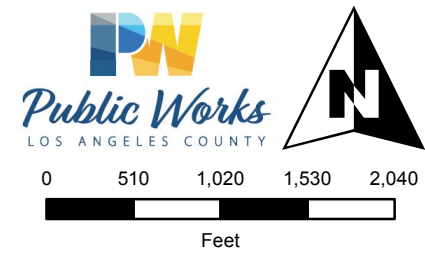
SEPTEMBER 2018



ENCLOSURE 2 CCTV PROJECT YOTV0910D

COUNTY
UNINCORPORATED

QUICK
MAINTENANCE
RATING
(QMR)



Legend

SMD Sanitary Sewers

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

SMD Manholes

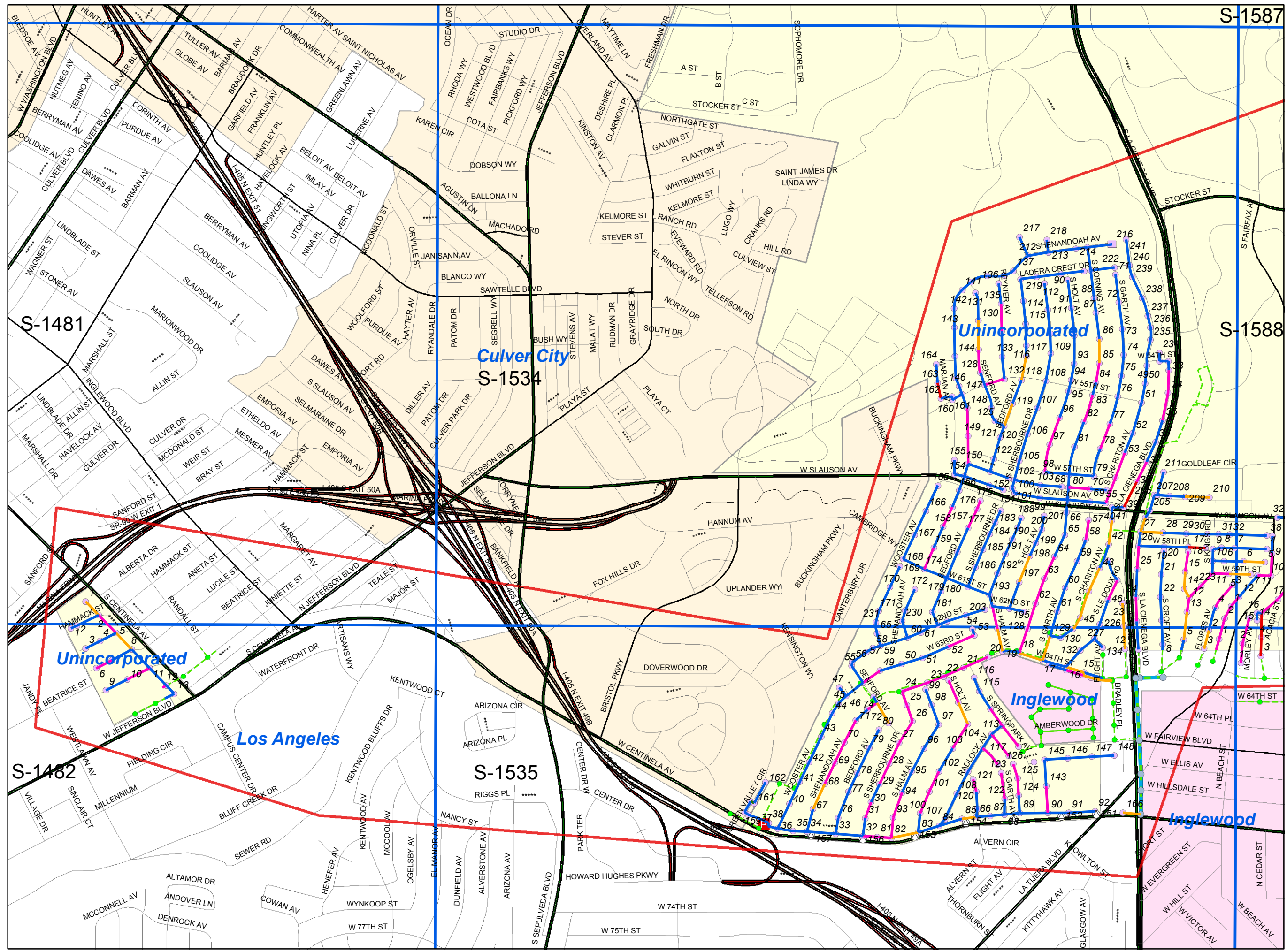
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

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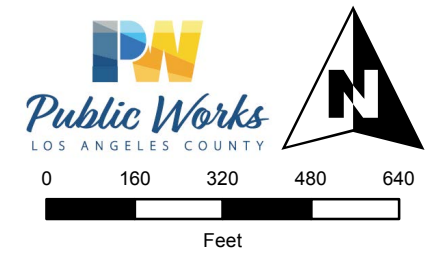
SEPTEMBER 2018



ENCLOSURE 2 CCTV PROJECT YOTV0910D

COUNTY
UNINCORPORATED

**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

Manhole Type

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

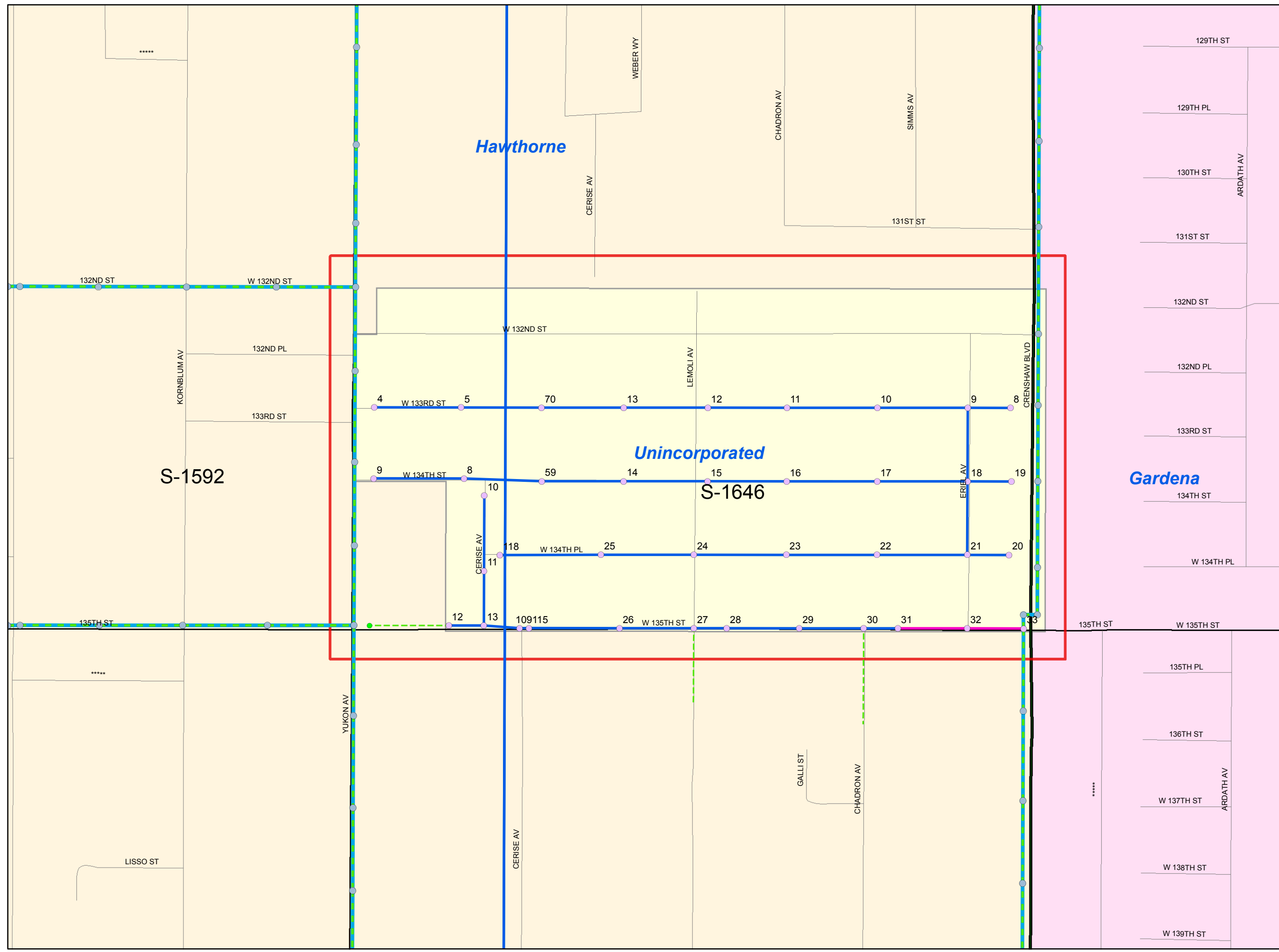
Maintained by Others:

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

- SMD Operations Maps
- CCTV PROJECT AREA

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SEPTEMBER 2018

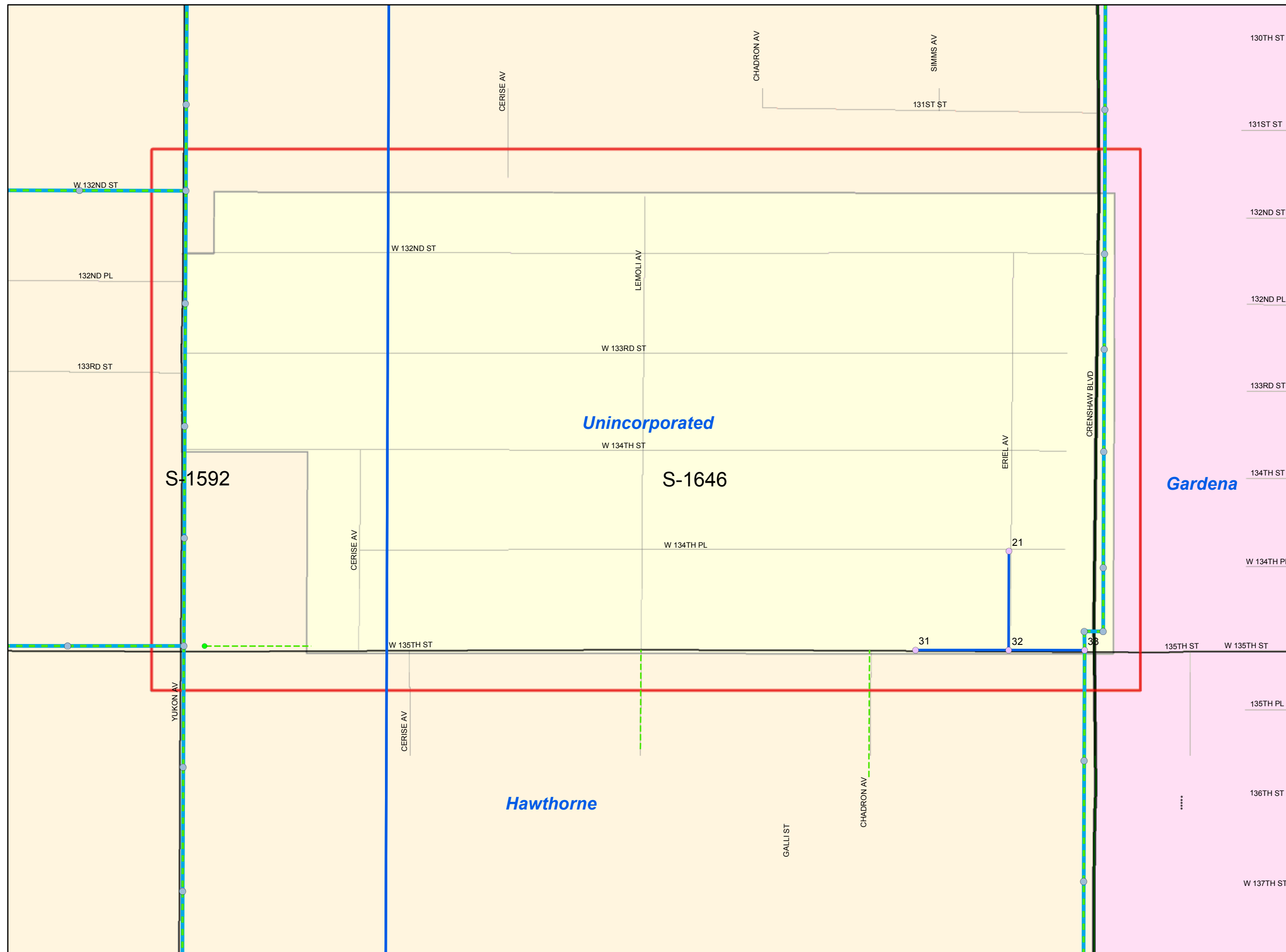
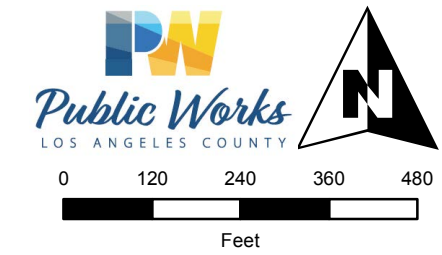


**ENCLOSURE 2
HIGH WATER LEVELS
COUNTY UNINCORPORATED SOUTH YARD (Y0TV0910D)**

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION: LOCATION	CAPACITY	CORRECTIVE ACTION
1	5141	1534-0038	1534-0039	LA CIENEGA BV	Camera under water	NO	Hydrojet
2	4132	1588-0048	1588-0049	SLAUSON AV	Camera under water; Sag	NO	Hydrojet
3	4131	1588-0053	1588-0052	LA DERA PARK AV	Camera under water	NO	Hydrojet
4	4131	1588-0079	1588-0078	LA BREA AV	Camera under water	NO	Hydrojet
5	4100	1646-0021	1646-0032	ERIEL AV	High flow	YES	Hydrojet
6	4100	1646-0032	1646-0031	135TH ST	High flow	YES	Hydrojet
7	4100	1646-0033	1646-0032	135TH ST	High flow	YES	Hydrojet
8	3122	1588-0053	1588-0054	LA DERA PARK AV	Sag	NO	Hydrojet
9	3122	1588-0462	1588-0461	PRESIDIO DR	Sag	NO	Hydrojet
10	3122	1588-0490	1588-0491	ANGELES VISTA BV	Sag	NO	Hydrojet
11	3121	1534-0204	1534-0027	LA CIENEGA BV	Sag	NO	Hydrojet

ENCLOSURE 2
CCTV PROJECT
YOTV0910D
COUNTY
UNINCORPORATED

HIGH WATER LEVEL



Legend

— High Water Level

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

□ CCTV PROJECT AREA

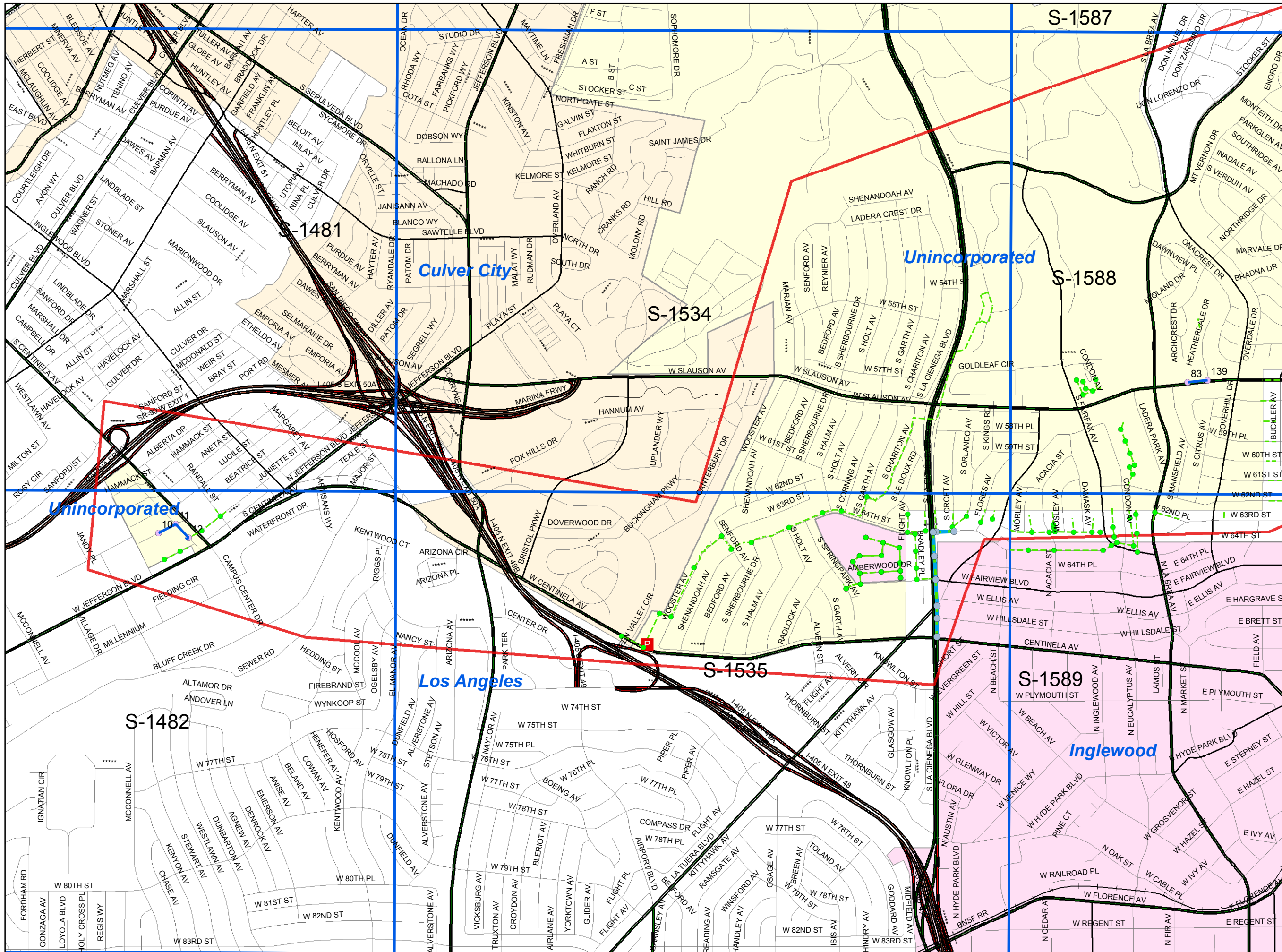
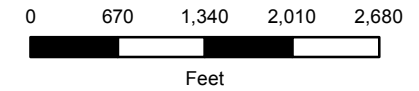
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**ENCLOSURE 2
INFILTRATION
COUNTY UNINCORPORATED SOUTH YARD (Y0TV0910D)**

ITEM NO.	QMR	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE METHOD	LENGTH OF REPAIR (FT)
1	4235	1482-0010	1482-0011	BEATRICE ST	Infiltration dripper: 33', 223'; Infiltration runner: 214'	Infiltration is minimum. No action needed.	
2	4121	1482-0012	1482-WEST	JUNIETTE ST	Infiltration runner: 37'	Infiltration is minimum. No action needed.	
3	4121	1588-0083	1588-0139	SLAUSON AV	Infiltration runner: 314'	Infiltration is minimum. No action needed.	

ENCLOSURE 2
CCTV PROJECT
YOTV0910D
COUNTY
UNINCORPORATED

INFILTRATION



Legend

- INFILTRATION
- SMD Manholes**
- Other
- Manhole Type**
- 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
- CCTV PROJECT AREA

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ENCLOSURE 3:

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

ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED SOUTH YARD (Y0TV0910D)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
1	1588-0049	1588-0050	SLAUSON AV	Hole; Fractures	Point repair
2	1588-0388	1588-0389	PARK GLEN AV	Hole	No action needed*
3	1588-0160	1588-0164	EASEMENT	Hole; Fracture multiple	Lining
4	1588-0301	1588-0302	MARBURN AV	Fracture multiple; Broken	Lining
5	1588-0279	1588-0363	INADALE AV	Fracture multiple	Lining
6	1588-0288	1588-0289	VERDUN AV	Fracture multiple; Broken	Lining
7	1588-0304	1588-0303	MARBURN AV	Fracture multiple; Broken	Lining
8	1588-0046	1588-0047	EASEMENT	Hole; Fracture multiple	Lining
9	1588-0092	1588-0091	SECRET DR	Fracture multiple; Broken	Point repair
10	1588-0215	1588-0216	OVERDALE DR	Fracture multiple; Broken	Lining
11	1588-0683	1588-0682	OLYMPIAD DR	Hole; Fracture multiple	Point repair
12	1588-0459	1588-0458	VISTA DE ORO AV	Fracture multiple; Broken	Lining
13	1588-0060	1588-0061	EASEMENT	Fractures; Broken	Lining
14	1588-0310	1588-0309	SPRINGHILL PL	Broken	Point repair
15	1588-0440	1588-0441	KENISTON AV	Hole; Fracture multiple; Broken	Point repair
16	1535-0005	1535-CITY	KINGS RD	Hole; Fractures	No action needed*
17	1588-0103	1588-0102	MIOLAND DR	Fracture multiple; Broken	Point repair
18	1588-0260	1588-0261	PARKGLEN AV	Broken	Point repair
19	1588-0101	1588-0095	MIOLAND DR	Fracture multiple; Broken	Point repair
20	1588-0095	1588-0117	MIOLAND DR	Fracture multiple; Broken	Point repair
21	1588-0098	1588-0093	NORTHRIDGE DR	Fractures; Broken	Point repair
22	1588-0002	1589-0005	EASEMENT	Hole	No action needed*
23	1588-0027	1588-0028	EASEMENT	Hole	Point repair
24	1588-0152	1588-0155	OVERHILL DR	Broken	Point repair
25	1588-0165	1588-0164	EASEMENT	Hole	No action needed*
26	1588-0205	1588-0206	SLAUSON AV	Repair patch	No action needed*
27	1588-0358	1588-0359	VERDUM AV	Repair patch	No action needed*
28	1588-0385	1588-0384	PARK GLEN AV	Hole	No action needed*
29	1588-0514	1588-0515	EASEMENT	Fracture multiple	Lining
30	1588-0450	1588-0443	VISTA DE ORO AV	Fracture multiple	Lining
31	1588-0438	1588-0439	KENISTON AV	Fracture multiple	Lining

*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 SOUTH YARD (Y0TV0910D)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
32	1588-0374	1588-0375	SOUTHRIDGE AV	Fracture multiple	Lining
33	1588-0304	1588-0305	MARBURN AV	Fracture multiple	Lining
34	1534-0225	1535-0010	LA CIENEGA BV	Fractures	Lining
35	1588-0277	1588-0279	INADALE AV	Fracture multiple	Lining
36	1588-0149	1588-0148	OVERHILL DR	Fracture multiple; Broken	Lining
37	1588-0439	1588-0440	KENISTON AV	Fracture multiple	Lining
38	1588-0447	1588-0446	PRESIDIO DR	Fracture multiple	Lining
39	1534-0022	1534-0224	CROFT AV	Fractures	Lining
40	1588-0236	1588-0390	MONTEITH DR	Fracture multiple; Broken	Point repair
41	1588-0140	1588-0139	HEATHERDALE AV	Fracture multiple	Lining
42	1588-0068	1588-0069	EASEMENT	Fracture multiple	Lining
43	1588-0748	1588-0685	MULLEN PL	Fracture multiple	Lining
44	1588-0456	1588-0457		Fracture multiple	Lining
45	1588-0474	1588-0475	MONTEITH DR	Fracture multiple	Lining
46	1534-0018	1534-0019	58TH PL	Fractures	Lining
47	1534-0224	1535-0008	CROFT AV	Fractures; Broken	No action needed*
48	1588-0072	1588-0071	EASEMENT	Fracture multiple	Lining
49	1588-0364	1588-0365	INADALE AV	Fracture multiple	No action needed*
50	1588-0458	1588-0457	VISTA DE ORO AV	Fracture multiple	Lining
51	1588-0066	1588-0067	EASEMENT	Fracture multiple	Lining
52	1588-0218	1588-0219	MARVALE DR	Fracture multiple; Broken	Lining
53	1588-0276	1588-0277	INADALE AV	Fracture multiple	Point repair
54	1588-0503	1588-0502	ONAKNOLL AV	Fracture multiple	Lining
55	1588-0158	1588-0065	MANSFIELD AV	Fracture multiple	No action needed*
56	1588-0268	1588-0374	SOUTHRIDGE AV	Fracture multiple	Lining
57	1588-0444	1588-0443	PRESIDIO DR	Fracture multiple	No action needed*
58	1588-0270A	1588-0368	INAGLEN WY	Fracture multiple	No action needed*
59	1588-0294	1588-0285	NORTHRIDGE DR	Fracture multiple	No action needed*
60	1588-0300	1588-0301	MARVALE DR	Fracture multiple; Broken	Lining
61	1588-0056	1588-0058	LA DERA PARK AV	Fracture multiple	Lining
62	1588-0299	1588-0301	MARBURN AV	Fracture multiple; Broken	Lining

*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 SOUTH YARD (Y0TV0910D)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
63	1535-0018	1535-0017	64TH ST	Fracture multiple	No action needed*
64	1588-0502	1588-0501	ONAKNOLL AV	Fracture multiple	Lining
65	1535-0033	1535-0034	CENTINELA AV	Fracture multiple	No action needed*
66	1534-0018	1534-0017	58TH PL	Fractures	Lining
67	1587-0015	1587-NW/1	EASEMENT	Fracture multiple	Point repair
68	1588-0005	1588-0006	ALLEY	Fracture multiple; Hole at base of MH 6	MH repair and lining
69	1588-0172	1588-0171	CITRUS AV	Fracture multiple	Lining
70	1588-0104	1588-0103	MIOLAND DR	Fractures; Broken	No action needed*
71	1588-0187	1588-0188	OVERHILL DR	Fracture multiple	Lining
72	1588-0284	1588-0285	VERDUN AV	Fracture multiple	Lining
73	1588-0408	1588-0407	KENWAY AV	Fracture multiple; Broken	Lining
74	1534-0005	1534-0011	59TH ST	Fractures	No action needed*
75	1588-0128	1588-0129	ONACREST DR	Fracture multiple	Point repair
76	1588-0225	1588-0226	MOUNT VERNON DR	Fracture multiple	Lining
77	1588-0370	1588-0368	INAGLEN WY	Cracks	No action needed*
78	1588-0448A	1588-0438	MONTEITH DR	Hole; Fractures	No action needed*
79	1588-0478	1588-0477	MONTEITH DR	Fractures	No action needed*
80	1534-0011	1534-0223	KINGS RD	Fractures	Point Repair
81	1534-0013	1535-0005	KINGS RD	Fractures	Lining
82	1534-0022	1534-0021	CROFT AV	Fractures	Point Repair
83	1534-0067	1534-0066	SLAUSON AV	Fractures	Lining
84	1534-0104	1534-0103	ALLEY	Fractures	No action needed*
85	1535-0057	1535-0056	62ND ST	Fracture multiple	No action needed*
86	1535-0137	1535-CITY	64TH ST	Fracture multiple	No action needed*
87	1588-0195	1588-0193	ALLEY	Fracture multiple; Broken	Point Repair
88	1588-0256	1588-0255	PARKGLEN AV	Fractures	No action needed*
89	1588-0291	1588-0292	MAYMONT DR	Fracture multiple	No action needed*
90	1588-0362	1588-0353	VERDUN AV	Fracture multiple	No action needed*
91	1588-0422	1588-0423	FAIRWAY BV	Fracture multiple	No action needed*
92	1588-0448	1588-0449	PRESIDIO DR	Fracture multiple	No action needed*
93	1588-0521	1588-0522	EASEMENT	Fracture multiple	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.

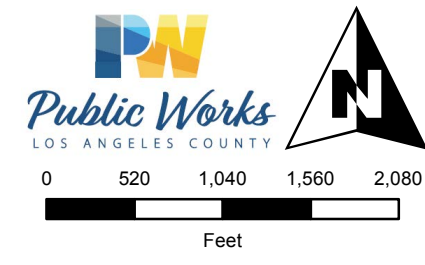
ENCLOSURE 3
QUICK STRUCTURAL RATING REPORT PRIORITY LIST
COUNTY UNINCORPORATED SOUTH YARD (Y0TV0910D)

ITEM NO.	START MH	END MH	STREET	OBSERVATION	PROPOSED CORRECTIVE ACTION
94	1588-0522	1588-0533	EASEMENT	Fracture multiple	No action needed*
95	1588-0719	1588-0730	FAIRLAND BV	Fracture multiple	Point Repair
96	1588-0713	1588-0715	HOMELAND DR	Fracture multiple	Point Repair
97	1588-0092	1588-0093	SECREST DR	Fracture multiple	Lining
98	1588-0099	1588-0098	NORTHRIDGE DR	Fracture multiple	Lining
99	1534-0206	1534-0205	EASEMENT	Fractures; Broken	No action needed*
100	1535-0077	1535-0076	BEDFORD AV	Fractures	No action needed*
101	1535-0088	1535-0087	CENTINELA AV	Fracture multiple	No action needed*
102	1535-0091	1535-0092	CENTINELA AV	Fracture multiple	No action needed*
103	1535-0093	1535-0082	HALM AV	Fracture multiple	No action needed*
104	1535-0163	1535-0137	64TH ST	Fracture multiple	Lining
105	1588-0015	1588-0016	EASEMENT	Fracture multiple	Lining
106	1588-0083	1588-0139	SLAUSON AV	Fracture multiple	Point Repair
107	1588-0119	1588-0118	LA BREA AV	Fracture multiple	Point repair
108	1588-0144	1588-0145	EASEMENT	Fractures; Broken	No action needed*
109	1588-0296	1588-0295	EASEMENT	Fracture multiple	Lining
110	1588-0415	1588-E/15	EASEMENT	Fractures	No action needed*
111	1588-0428	1588-0403	PRESIDIO DR	Repair patch	No action needed*
112	1588-0675	1588-0640	OLYMPIAD DR	Fracture multiple	No action needed*

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ENCLOSURE 3
CCTV PROJECT
YOTV0910D
COUNTY
UNINCORPORATED

QUICK
STRUCTURAL
RATING
(QSR)



Legend

SMD Sanitary Sewers
QSR

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

SMD Manholes

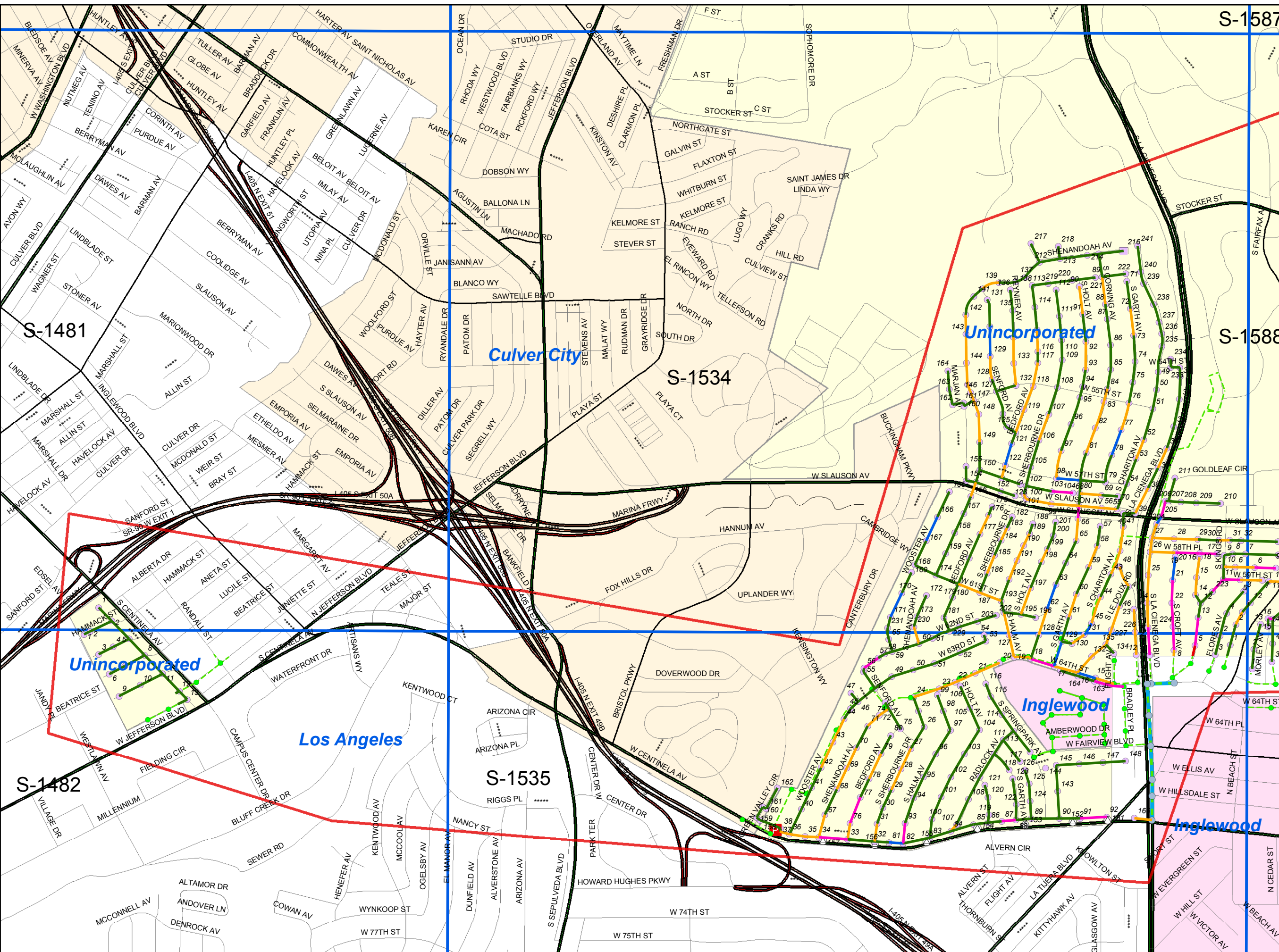
- Other
- Standard
- DROP
- Shallow
- Trap
- Siphon
- SMD Pump Stations
- SMD Treatment Plants

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
- Non SMD Maintained MH
- SMD Operations Maps
- CCTV PROJECT AREA

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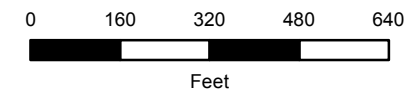
SEPTEMBER 2018



ENCLOSURE 3 CCTV PROJECT YOTV0910D

COUNTY
UNINCORPORATED

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

Manhole Type

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

Maintained by Others:

- Trunk Sewerlines
- Non SMD Sanitary Sewers
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SEPTEMBER 2018

