

**CITY OF PACIFICA**  
**LONG RANGE SANITARY SEWER CAPITAL IMPROVEMENT PLANS - FY 2011-2032**  
**(Updated January 2014)**

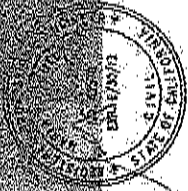
PROJECTS	BEGIN DATE	DATE COMPLETED	DURATION	EST. COST
LINDA MAR FLOW EQUALIZATION	Sep-12	On-going	4 - 5 years	\$ 20,050,000.00
			<b>TOTAL</b>	<b>\$ 20,050,000.00</b>
<b>CAPACITY IMPROVEMENT PROJECTS:</b>				
PALMETTO MAINLINE (MasterPlan Project ID. 9)	Jun-12	Sep-12	3 months	\$ 376,700.00
DESOLO MAINLINE (MasterPlan Project ID. 8)*	Jul-13	Dec-13	6 months	\$ 76,000.00
ARGUELLO MAINLINE (MasterPlan Project ID.7)*	Jul-13	Dec-13	6 months	\$ 240,000.00
MILAGRA MAINLINE (MasterPlan Project ID.10)	Apr-15		1 month	\$ 48,000.00
AVALON MAINLINE (Master Plan Project ID.11)	Apr-15		1 month	\$ 30,000.00
MANOR MAINLINE (Master Plan Project ID. 12)	Apr-15		1 month	\$ 34,000.00
SAN PEDRO MAINLINE (Master Plan Project ID.6)*	Feb-16		4 months	\$ 251,000.00
LINDA MAR MAINLINE (Master Plan Project ID.5)*	Feb-15		4 months	\$ 380,000.00
PERALTA RD MAINLINE (Master Plan Project ID.4)*	Feb-15		4 months	\$ 45,000.00
ODDSTAD MAINLINE (Master Plan Project ID. 1)*	Feb-17		4 months	\$ 281,000.00
TERRA NOVA MAINLINE (Master Plan Project IDs. 2 &3)*	Feb-17		4 months	\$ 299,000.00
LINDA MAR PUMP STATION 4th PUMP (Master Plan Project ID.13B)	Feb-20		3 months	\$ 935,000.00
			<b>TOTAL</b>	<b>\$ 2,995,700.00</b>
<b>REHAB AND REPLACEMENT PROJECTS:</b>				
FY 2012 - 14 (Locations updated from condition assessment activities)	Jul-13	On-going	12 months	\$ 1,200,000.00
FY 2014 - 15	Feb-15		4 months	\$ 1,200,000.00
FY 2015 - 16	Feb-16		4 months	\$ 1,200,000.00
FY 2016 - 17	Feb-17		4 months	\$ 1,200,000.00
FY 2017 - 22 (@ \$1,200,000/FY) (Locations to be determined)	Feb-18		4 months/FY	\$ 6,000,000.00
FY 2022 - 32 (@ \$1,400,000/FY) (Locations to be determined)	Feb-23		4 months/FY	\$ 12,000,000.00
			<b>TOTAL</b>	<b>\$ 22,800,000.00</b>
<b>OTHER COLLECTION SYSTEM PROJECTS NOT INCLUDED IN THE MASTERPLAN:</b>				
MAINLINE REPLACEMENT AT AVALON AND EDGEMAR	Jan-11	Mar-11	2 months	\$ 104,980.00
SANITARY SEWER IMPROVEMENTS AT BOWER ROAD	Nov-11	Mar-12	3 months	\$ 175,370.00
LINDA MAR GENERATOR REHABILITATION (CONSTRUCTION PHASE)	Jun-14		4 months	\$ 550,000.00
RELOCATION OF MAINLINE AT SHARP PARK PUMP STATION#	Feb-14	On-going	6 months	\$ 400,000.00
PALMETTO AVE FORCEMAIN IMPROVEMENT#	Feb-14	On-going	3 months	\$ 500,000.00
RELOCATION OF SHARP PARK FORCEMAIN##	Aug-15		3 months	\$ 400,000.00
			<b>TOTAL</b>	<b>\$ 2,130,350.00</b>
<b>NOTES:</b>				
* Capacity Improvement Projects will be included with the Rehab and Replacement Project for that Fiscal Year				
# Collection System Projects will be coordinated with the Palmetto Utility Undergrounding and Streetscape Projects				
## Schedule of Project will be dependent on the Redevelopment of the Beach Boulevard Property				
			<b>GRAND TOTAL</b>	<b>\$ 47,976,050.00</b>

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**CONSTRUCTION NOTES: (continued)**

13. SEE PROJECTS GENERAL AND TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
14. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXACT LOCATION OF LATERAL CONNECTIONS.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING UTILITIES, NOT SHOWN IN THE PLANS THAT MAY BE AFFECTED BY THE PROJECT.
16. CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE TRANSFER OF SEWAGE FLOW AROUND THE SECTION OR SECTIONS OF PIPE DESIGNATED FOR PIPE REPLACEMENT. THE BYPASS SHALL BE MADE BY DIVERSION OF THE FLOW FROM AN EXISTING UPSTREAM LOCATION, AROUND THE SECTION(S) TO BE TAKEN FROM SERVICE FOR INSPECTION OR REHABILITATION, TO AN EXISTING DOWNSTREAM LOCATION. THE BYPASS SYSTEM SHALL BE OF ADEQUATE CAPACITY TO HANDLE ALL FLOWS INCLUDING WET-WEATHER RELATED FLOWS. IF BYPASS PUMPING IS UTILIZED BY CONTRACTOR TO CONTROL FLOWS, CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING BYPASS PUMPING OPERATION AT ALL TIMES UNTIL WORK IS COMPLETE. THE LOCATION OF PUMP(S), DISCHARGE POINT, PUMPING RATES, ETC. SHALL BE APPROVED BY CITY.

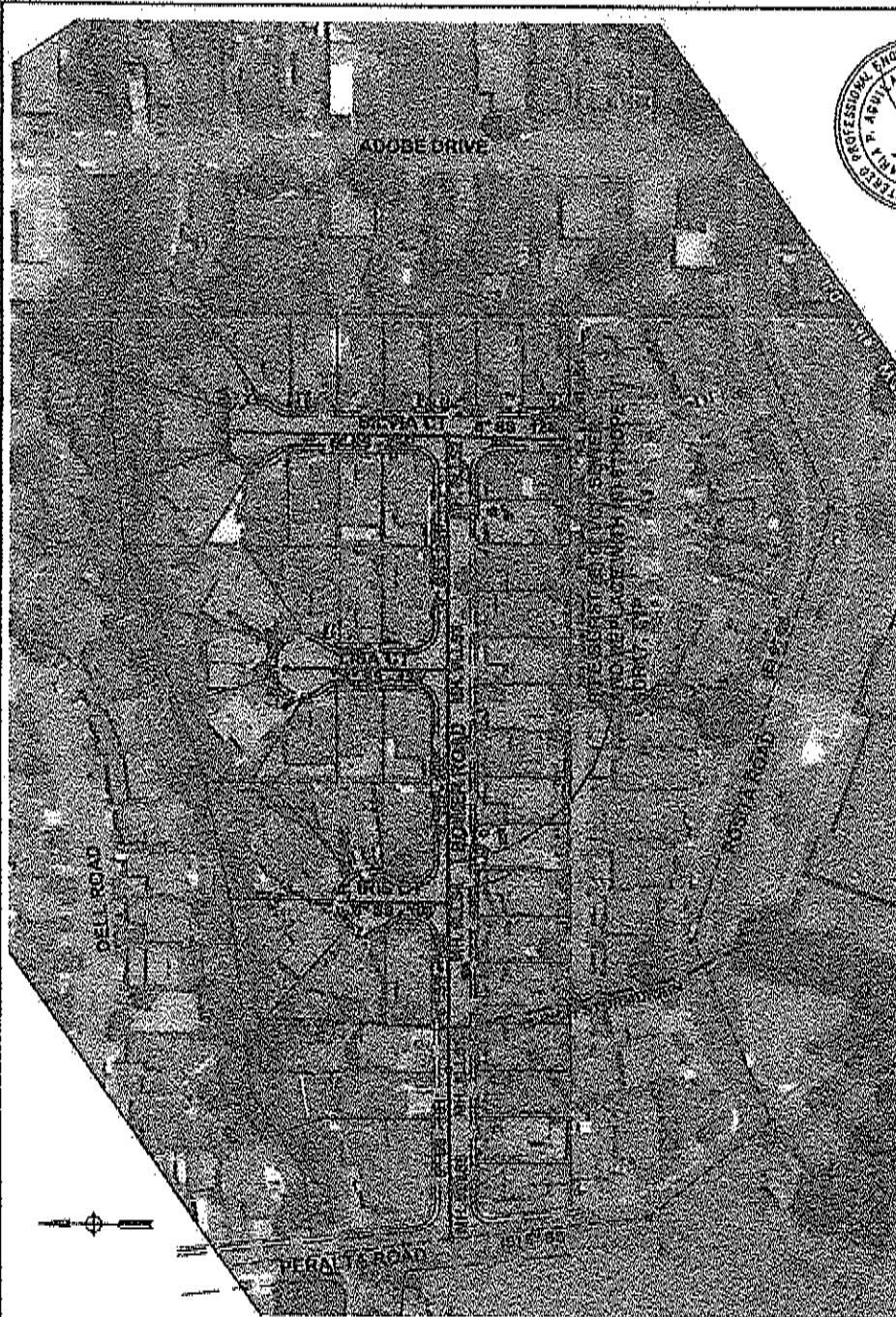
**BEFORE EXCAVATING  
CALL U.S.A.  
UNDERGROUND SERVICE ALERT  
800-227-2600 TOLL FREE  
48 HOURS BEFORE ALL  
PLANNED WORK OPERATIONS**



**SITE PLAN**

DATE: 11-21-10	APPROVED BY: <i>[Signature]</i>	NO. _____	DATE _____	REVISION _____	BY _____
SCALE: 1"=20'	PROJECT NO. 10114				
DRAWN BY: J. J. [Signature]	CHECKED BY: [Signature]				
CITY OF PACIFICA DEPARTMENT OF PUBLIC WORKS, WASTEWATER DIVISION 170 SANTA ANA BOULEVARD PACIFICA, CALIFORNIA 94026		COLLECTION SYSTEM PROJECTS SS MAINLINE REPLACEMENT AT AVALON DRIVE AND EDGEMAR AVENUE SITE PLAN AND GENERAL NOTES			
		SHEET 3 OF 12 SHEETS			

- GENERAL NOTES:**
1. SEE PROJECT'S GENERAL AND TECHNICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  2. PROPERTY LINES, EASEMENTS, BUILDINGS, SEWER MAINS AND LATERALS LOCATIONS SHOWN ARE APPROXIMATE.
  3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXACT LOCATION OF LATERAL CONNECTIONS.
  4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING UTILITIES NOT SHOWN IN THE PLANS THAT MAY BE AFFECTED BY THE PROJECT. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES 48 HOURS PRIOR TO ANY EXCAVATION SO THAT THEIR LINES CAN BE MARKED. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) AT 800-642-2444.
  5. THE CONTRACTOR SHALL PROVIDE ALL INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
  6. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
  7. ALL EXISTING UTILITIES, PUBLIC AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE ENGINEER THEREOF, AT THE CONTRACTOR'S SOLE EXPENSE.
  8. THE CONTRACTOR SHALL COMPLY WITH ALL AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
  9. ALL WORK SHALL BE DONE BETWEEN THE HOURS OF 9:00 AM AND 5:00 PM, MONDAY THRU FRIDAY, UNLESS APPROVED IN WRITING BY THE ENGINEER.
  10. EXISTING CURBS, SIDEWALK, PRIVATE AND PUBLIC IMPROVEMENTS THAT ARE DAMAGED OR DISPLACED, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR. CONTRACTOR'S RESPONSIBILITY



11. THE CONTRACTOR SHALL TAKE CAUTION WHILE WORKING IN PRIVATE PROPERTY, LANDSCAPING, DRIVEWAY AND OTHER IMPROVEMENTS DISPLACED DURING CONSTRUCTION SHALL BE RESTORED IN KIND AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
12. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS FAILURE TO DO SO.
13. LENGTHS OF SANITARY SEWER ARE HORIZONTAL DISTANCES FROM CENTER TO CENTER OF STRUCTURES, ROUNDED OFF TO THE NEAREST FOOT.

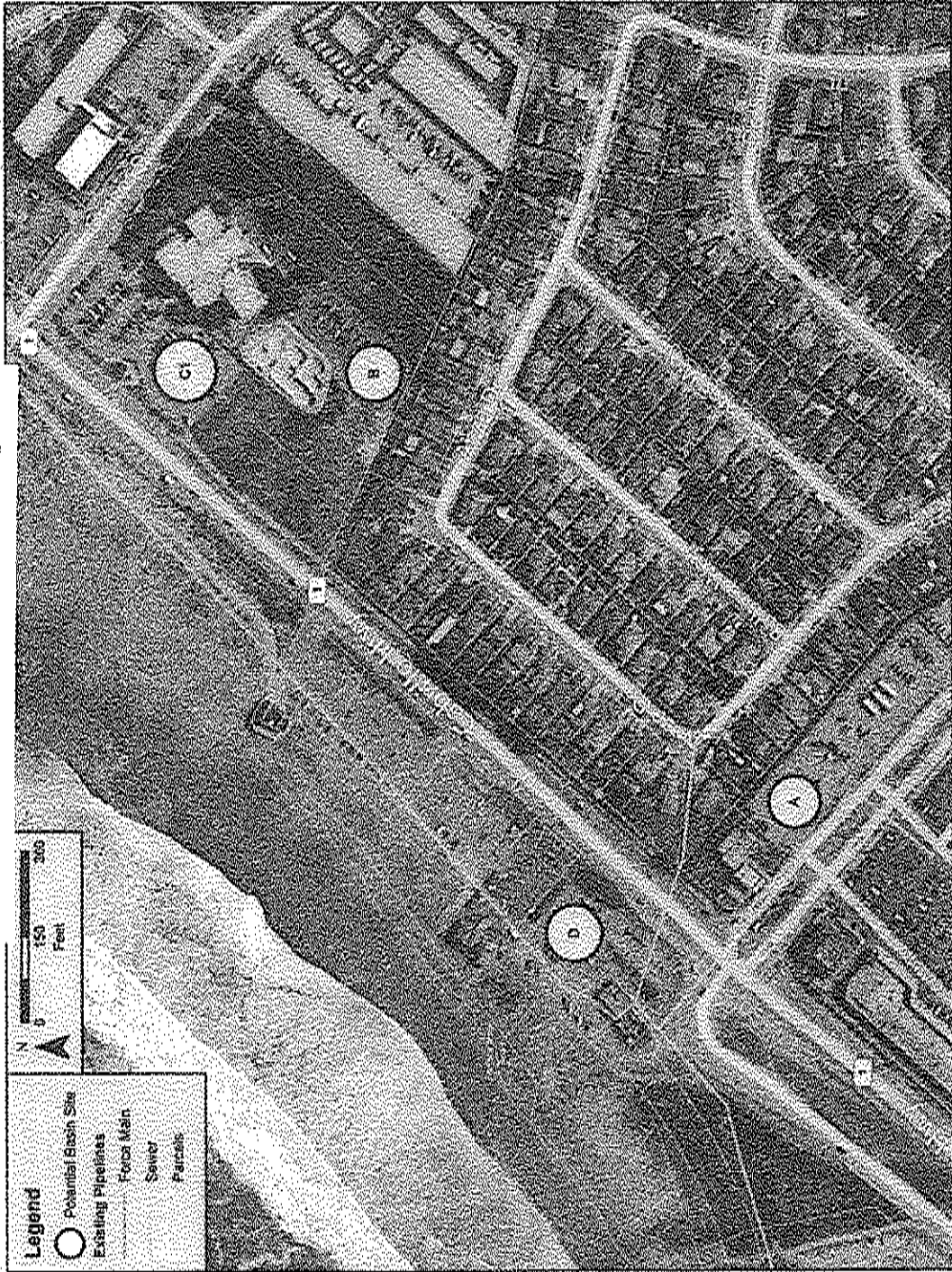
DATE: 10-23-11	APPROVED BY:	CITY OF PACIFICA	SHEET 2
SCALE: 1"=30'	FORNIE BE: MPA	DEPARTMENT OF PUBLIC WORKS, WASTEWATER DIVISION	OF 11 SHEETS
DRAWN BY: MPA	DATE: 10-2-11	170 SANTA MONICA BLVD. EAST	
CHECKED BY: MPA		PACIFICA, CALIFORNIA 94044	

**CITY OF PACIFICA**  
COLLECTION SYSTEM PROJECTS  
SAN. SEWER IMPROVEMENTS AT BOWER RD  
SITE PLAN AND GENERAL NOTES

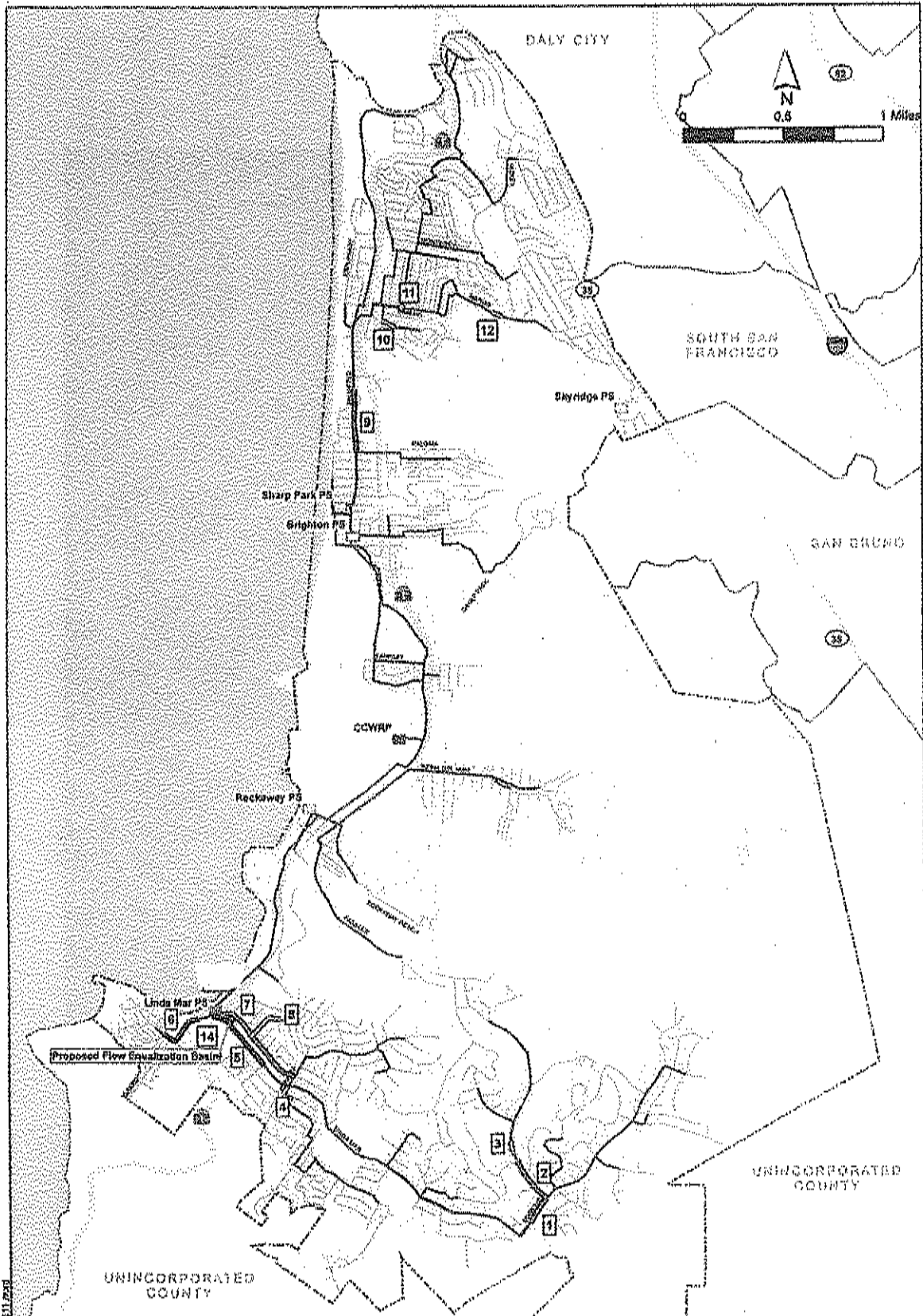


# EQUALIZATION BASIN

## POSSIBLE LOCATIONS



# CAPACITY IMPROVEMENT PROJECTS



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- |                          |                       |
|--------------------------|-----------------------|
| <b>Relative Priority</b> | Modeled Sewers        |
| High                     | Unmodeled Sewers      |
| Medium                   | Pacifica City Limits  |
| Low                      | Other City Boundaries |
| Project ID               |                       |

City of Pacifica  
Collection System Master Plan

Recommended Capacity Improvement CIP

**RMC** Figure 5-1

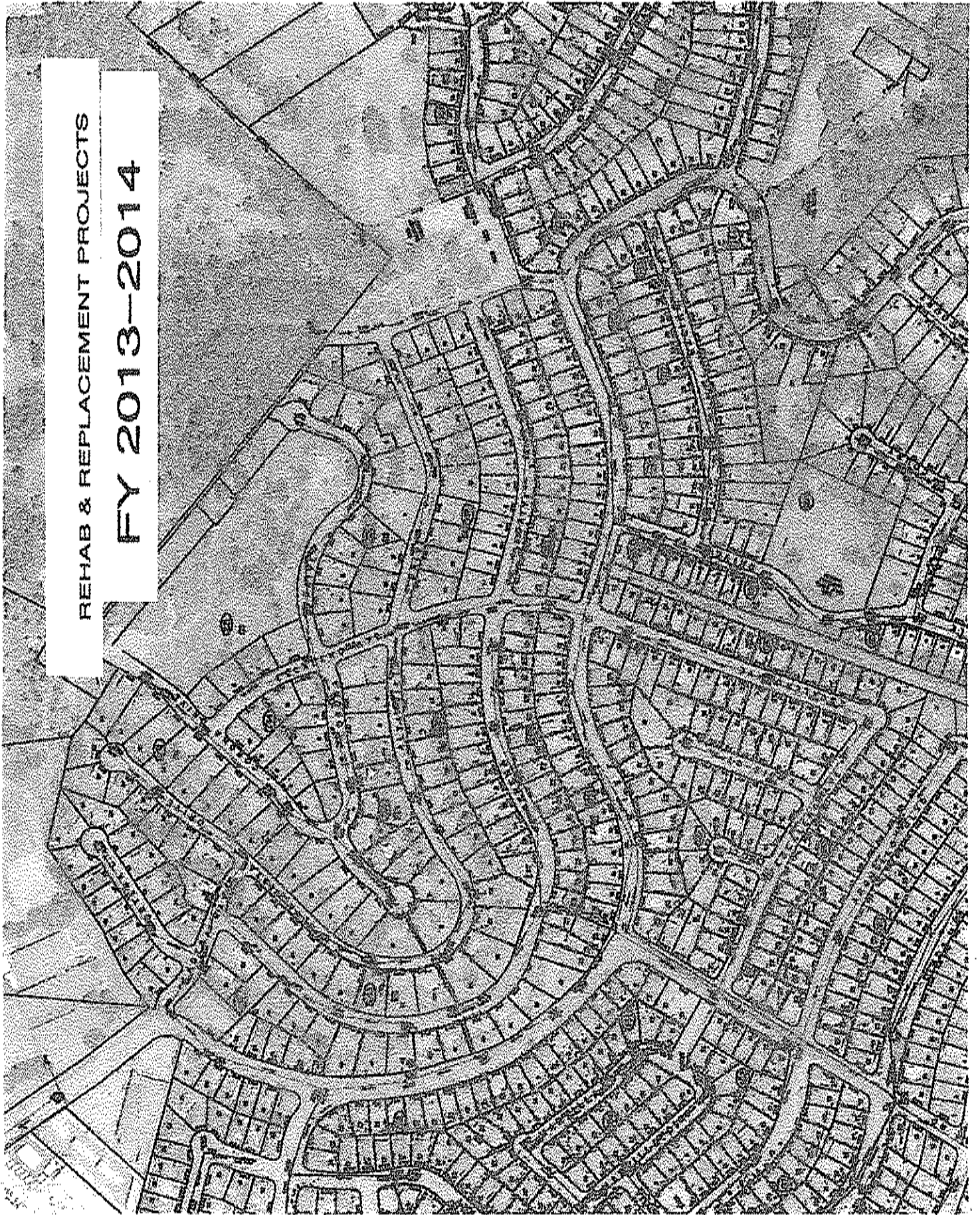
REHAB & REPLACEMENT PROJECTS  
FY 2012-2013





REHAB & REPLACEMENT PROJECTS

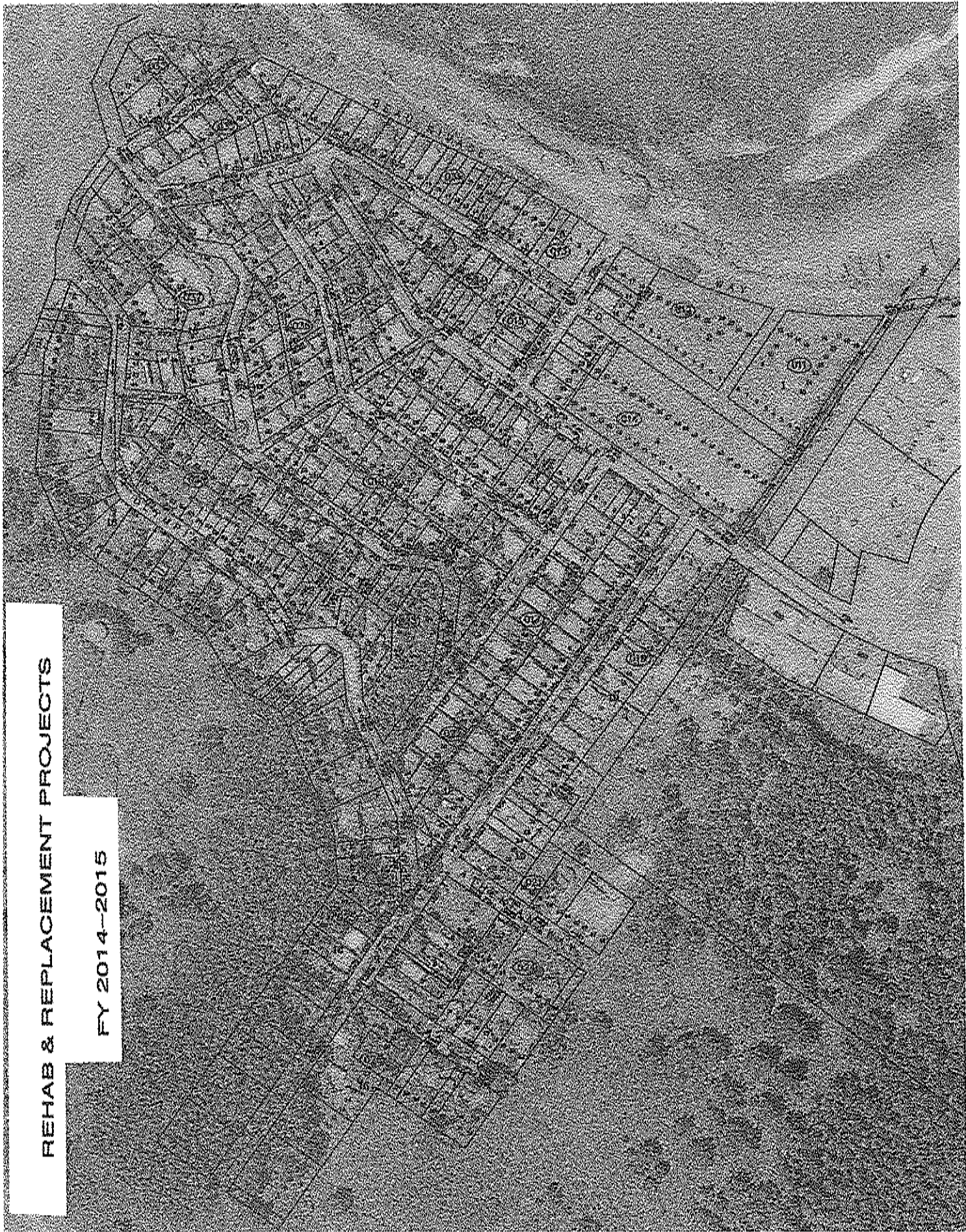
FY 2013-2014





REHAB & REPLACEMENT PROJECTS

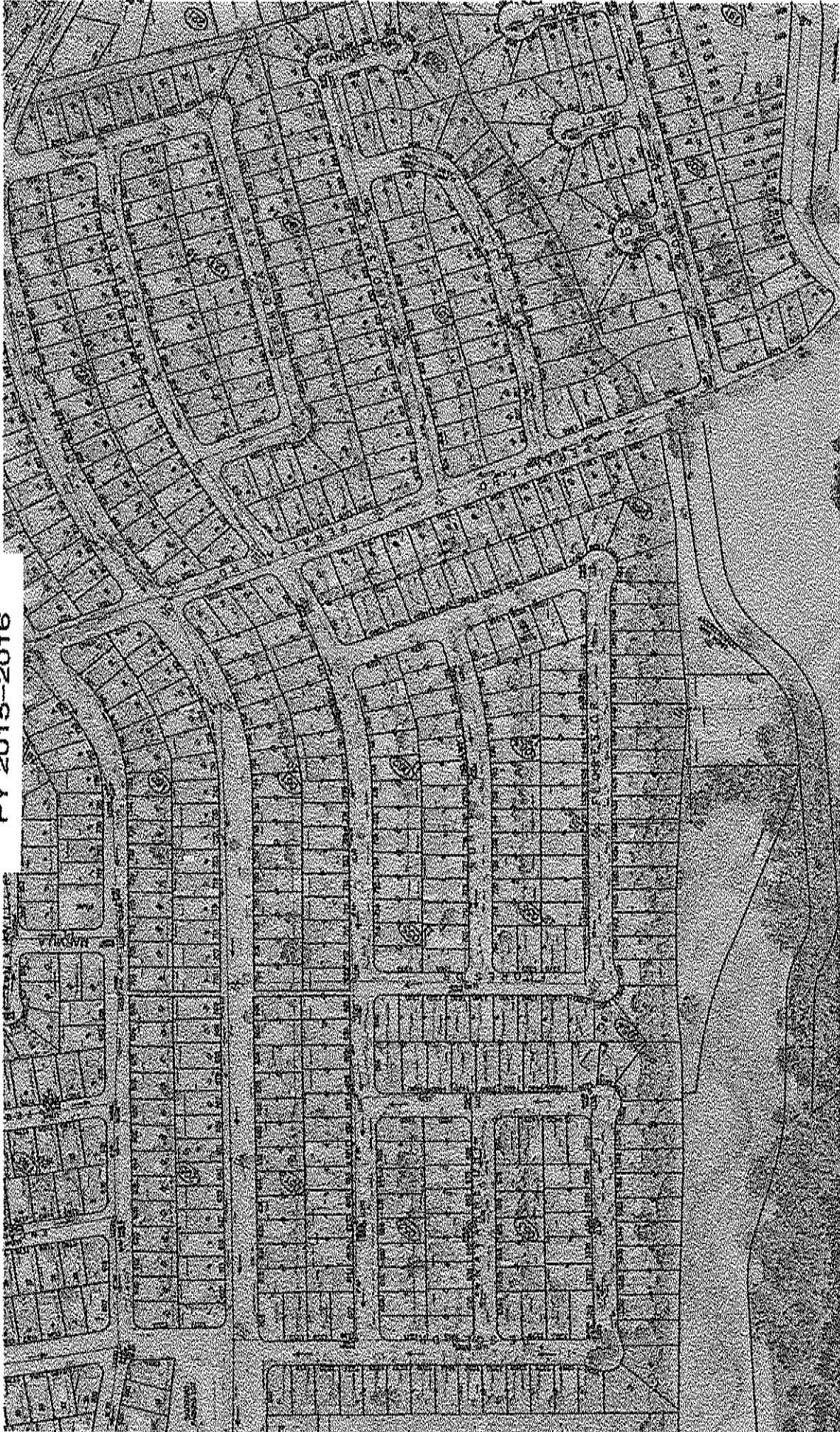
FY 2014-2015





REHAB & REPLACEMENT PROJECTS

FY 2015-2016





REHAB & REPLACEMENT PROJECTS

FY 2016-2017

