

MEMO



Department of Public Works

DATE: February 17, 2015

TO: Gary Halbert, City Manager

VIA: Maria Kachadoorian, Assistant City Manager
R.A. Hopkins, Director of Public Works *[Signature]*

FROM: William Valle, Assistant Director of Engineering/City Engineer *[Signature]*

SUBJECT: Emergency Storm Drain Repairs at 1515 Oleander Avenue
(CIP No. DR201)

This is to inform you that on February 10, 2015, after normal work hours, a sinkhole was discovered at 1515 Oleander Avenue, near the Valle Lindo elementary school. The sinkhole was approximately 10'x16'x5' and was created by the collapse of an existing 18" Corrugated Metal Pipe (CMP) storm drain under the southbound lane. Upon discovery and notification, Public Works crews immediately deployed to investigate and secure the site. Precautionary measures were taken to temporarily secure the site and provide the public safe passage until the permanent repair could be implemented. Additionally, crews were present the next morning to address traffic control issues due to the vicinity of the school.

Public Works Staff conducted a video inspection of the drainage system associated with the sinkhole and discovered approximately 800-LF of heavily corroded and perforated 18" CMP storm drain between Inlet ID No. 2585 and Inlet ID No. 3407, crossing Olympic Parkway(see attached plat). The video inspection also located a section where the CMP bottom was completely gone and another hole was developing. Because a failure had already occurred in this drainage system, immediate action was taken to protect the public and avoid further damage to public and private property.

On February 11, Staff solicited three informal bids for the repair work. The three contractors were:

- TC Construction, 10540 Prospect Avenue Santee, CA 92071
- Arrieta Construction, 1215 N Marshall Avenue El Cajon, CA 92026
- Cass Construction, 1100 Wagner Drive El Cajon, CA 92020

TC Construction was the only one available with the required material to perform the work. TC Construction was selected and immediately commenced the storm drain rehabilitation work on an emergency basis in accordance with provisions in Section 1009 of the City Charter in order to assure the protection of the public and of public and private properties. TC Construction has performed many City CIP projects in the past and has proven to be very fair and reliable.

The damaged pipe at the sinkhole location has been replaced. The work is now continuing to replace/reline the remaining pipe in the system (approx. 720'). The material required to replace/line the rest of the failed pipe has been ordered.

FISCAL IMPACT

There are no direct or dedicated funding sources for the maintenance and repair of storm drain facilities. This Project will cost an estimated total of \$240,000 from the general fund reserve.

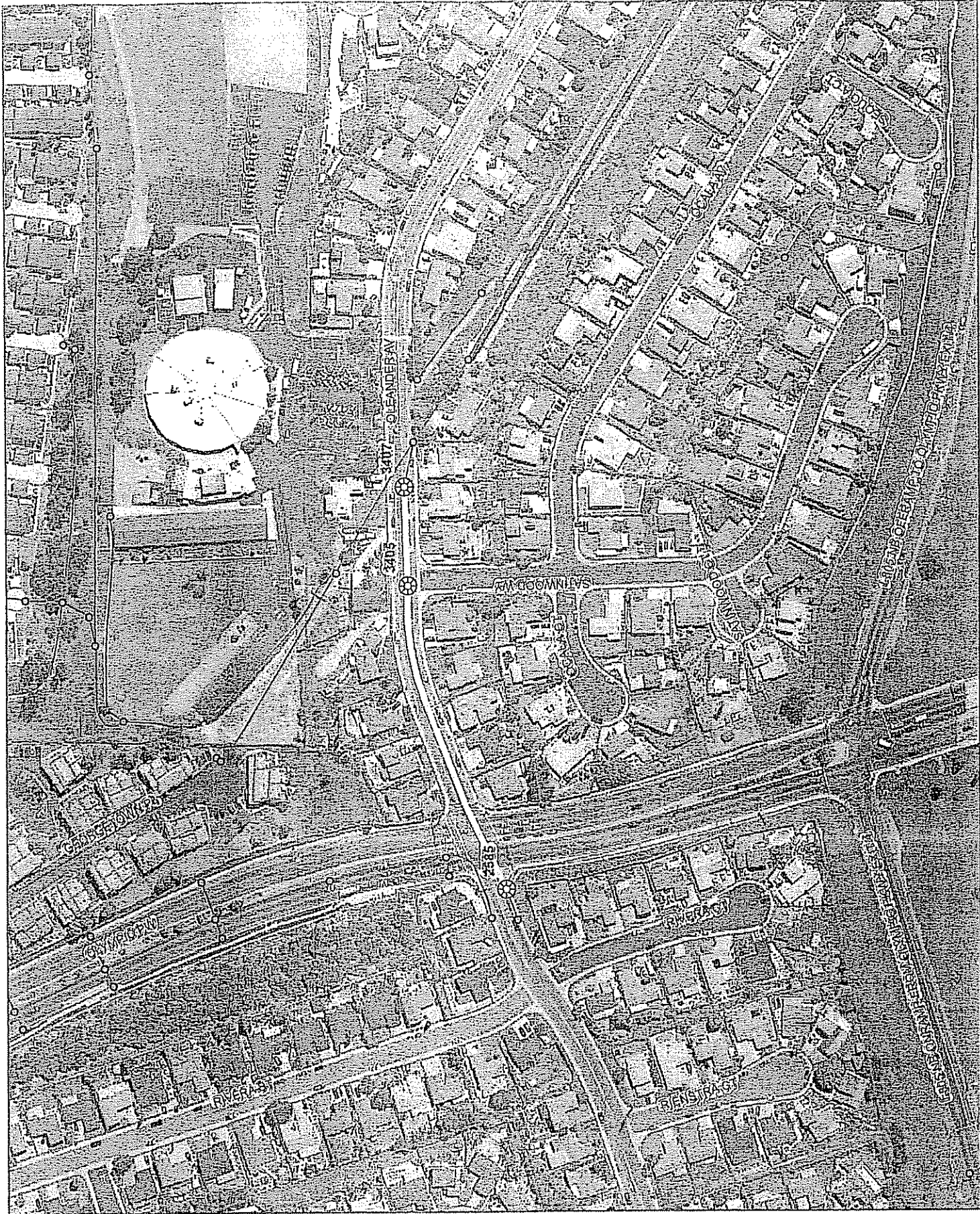
Staff will return with a Council Agenda item to report final emergency repair costs and to ratify the actions taken under the stated provision of the City charter.

PRELIMINARY ESTIMATES OF FUNDS REQUIRED FOR CONSTRUCTION	
A. Informal Contract Amount (Prevailing Wage)	\$ 220,000
B. Staff Costs (Public Works Operations, Inspection and Engineering)	\$ 20,000
TOTAL PRELIMINARY ESTIMATE OF FUNDS REQUIRED FOR CONSTRUCTION	\$ 240,000

BFS







cc Glen Googins, City Attorney
Iracsema Quilantan, Assistant Director of Public Work Operations
Silvester Evetovich, Principal Civil Engineer
Frank Rivera, Principal Civil Engineer
Roberto Yano, Senior Civil Engineer
Robert Beamon, Administrative Services Manager, Public Works-Engineering
Kalani Camacho, Sr. Public Works Inspector

Attachment 1 – location plat
Attachment 2 - Sink hole pictures



Prepared By: TWeinman
 Projection Information:
 Name: NAD 1983 StatePlane California VI FIPS 0406 Feet
 Datum: North American 1983
 File: J:\Engineer\SEWER\GIS\Maps\Sewer basemap.mxd

Legend

-  Access Point Repair
-  CMP Repairs
-  Access Points
-  MainSubType
-  Channel
-  Pipe



Attachment 2

