

U.S. Department of Transportation Federal Highway Administration- California Division- Title 23 Damage Assessment Form (DAF)		DAF No. <u>DWW</u> - <u>SIEM</u> - <u>001</u> - <u>0</u>	Sheet # 1 of <u>22</u> Federal Project # EO ER - _____ ()
Applicant <u>City of Sierra Madre</u> County <u>Los Angeles</u>		Disaster No. CA <u>12</u> - <u>2</u> PR ER - _____ ()	Incident Date (mm/dd/yyyy) <u>11/30/2011</u> Inspection <u>06/27/12</u>
Location of Damage: _____ Per Site <input checked="" type="checkbox"/> or <input type="checkbox"/> Per Mile		Federal-aid Highway? Y for yes, if no, ineligible for ER funds <input type="checkbox"/> Y	
Name of Road/Bridge: <u>Multiple Roadways See Attached</u>		Map No <u>13U55, 13V15</u>	
PM Begin: <u>Varies per Roadway</u> PM Length: <u>75,010.00</u> PM End: <u>Varies per Roadway</u> (in feet)		Functional Classification Type: <u>Principal Arterial, Minor Arterial, Maj. Coll.</u>	
Road/Bridge Data: Bridge No _____ Type: _____	Route # _____		
Traveled Way: Width <u>See Att.</u> Type: PCC <input type="checkbox"/> AC <input checked="" type="checkbox"/> Gravel <input type="checkbox"/>	Forest Hwy? Y/N <input type="checkbox"/> N Interstate? Y/N <input type="checkbox"/> N		
Shoulder: Width <u>See Att.</u> Type: PCC <input checked="" type="checkbox"/> AC <input type="checkbox"/> Gravel <input type="checkbox"/>	Existing ADT: _____		
Description of Damage:	<u>Severe windstorm of November 30, 2011 through December 1, 2011 blew down trees blocking roadways and reducing or completely eliminating vehicular traffic on most streets throughout the City, including the Federal-Aid roadways described herein.</u>		

COST ESTIMATE				
Emergency Opening (EO)	Type of Repair	Description of Work	Cost Summary	
	Emergency Opening (EO)	EO- AGENCY FORCES CT Work Order #(s): <u>Specific work orders were not issued.</u> EA(s): _____	Emergency opening work consisted of the removal of downed trees, tree branches and windblown debris from traveled ways of F/A roadways and transporting those materials to a staging area within the City.	PE
EO- CONTRACT EO EA(s): _____		CE		0
		Construction		47,468
		Emergency Opening (EO)	Emergency opening work consisted of the removal of downed trees, tree branches and windblown debris from traveled ways of F/A roadways and transporting those materials to a staging area within the City.	PE
CE	0			
Construction	13,302			
NOTE: Environmental documentation for EO is required. It is generally started after work has begun.			R/W	0
			Subtotal Emergency Opening \$60,769	
Permanent Restoration (PR)	PR- CONSTRUCTION FA requires an approved PIF <input type="checkbox"/> Contract <input type="checkbox"/> FA PR EAs _____	Not Applicable, no funding will be requested. RECEIVED JUN 21 2012	PE	0
	NOTE: PRIOR AUTHORIZATION (APPROVED E-76) IS REQUIRED TO PROCEED WITH PERMANENT RESTORATION R/W & CONSTRUCTION		CE	0
			Construction	0
NOTE: Environmental clearance for permanent restoration is conducted through normal Federal-aid procedures			R/W	0
			Subtotal Permanent Restoration \$0	
Eligible	Signature	Date	PE Total	\$0
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Local Agency (if applicable): <u>Bruce Inman</u>	<u>06/19/11</u>	CE Total	\$0
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Caltrans: <u>mar</u>	<u>06/27/11</u>	R/W Total	\$0
<input type="checkbox"/> Yes <input type="checkbox"/> No	FHWA*:		Construction Total	\$60,769
TOTAL ESTIMATE			\$60,769	

Agency sig. Name (print): Bruce Inman, Director of Public Works FHWA Sig. Name (print): _____
 CT signature Name (print): MARK NOUVEN DAF Prepared by (print): _____

Original: Caltrans District Copies: FHWA, Division of Local Assistance(local roads), Federal Resources (state hwy), HQ Major Damage Engineer (state hwy)
 *Write "N/A" in FHWA signature block if the project has no Federal ER funding or Federal ER funding delegated to the State.
 FHWA Signature: REQUIRED for all Federal Funded State projects. REQUIRED for any Local Agency projects with 1) any BETTERMENT, 2) more than 2 ROW takes or 3) when paving is more than 50% of the Total Estimated Cost. Reminder: This DAF must be accompanied by photos of the damage.

Local Agency Damage Sites CA12-? Wind Storms

To change the tab name place the cursor over Agency (at the bottom of this page) and right click, click on rename and type the new name completed spreadsheets to
 Agency: City of Sierra Madre
 E-mail: blmanan@cityofsierramadre.com
 DATE: 7/2/2012 - current date
 Please e-mail your
 Teresa McWilliam
 Teresa.mcwilliam@dot.ca.gov
 916-798-4799 cell

Damage Assessment Sites		Emergency Opening (EO)		Perm. Restoration (PR)		Est Cost*					
Dist	Co	Rte	PM (back)	PM (ahead)	DAF Number	EO @ Force Account	A	B	C (A+B)	D	E (C+D)
							EO Contract	Total EO Cost	Project ID		
7	LA	Auburn Avenue			DWW-777-001-0	\$ 1,156	\$ 324	\$ 1,480			\$ 1,480
7	LA	Backwin Avenue			DWW-777-001-0	\$ 4,357	\$ 1,221	\$ 5,578			\$ 5,578
7	LA	Churchill Road-Canyon Crest			DWW-777-001-0	\$ 845	\$ 237	\$ 1,082			\$ 1,082
7	LA	Carder Avenue			DWW-777-001-0	\$ 1,174	\$ 329	\$ 1,503			\$ 1,503
7	LA	Elkins Avenue			DWW-777-001-0	\$ 324	\$ 91	\$ 415			\$ 415
7	LA	Grand View Avenue			DWW-777-001-0	\$ 7,465	\$ 2,092	\$ 9,557			\$ 9,557
7	LA	Highland Avenue			DWW-777-001-0	\$ 4,563	\$ 1,279	\$ 5,842			\$ 5,842
7	LA	Lima Street			DWW-777-001-0	\$ 3,164	\$ 887	\$ 4,051			\$ 4,051
7	LA	Michillinda Avenue			DWW-777-001-0	\$ 2,540	\$ 712	\$ 3,252			\$ 3,252
7	LA	Mira Monte Avenue			DWW-777-001-0	\$ 1,014	\$ 284	\$ 1,298			\$ 1,298
7	LA	Mountain Trail			DWW-777-001-0	\$ 3,053	\$ 858	\$ 3,921			\$ 3,922
7	LA	Orange Grove Avenue			DWW-777-001-0	\$ 2,533	\$ 710	\$ 3,243			\$ 3,243
7	LA	Santa Anita Avenue			DWW-777-001-0	\$ 3,471	\$ 973	\$ 4,444			\$ 4,444
7	LA	Sierra Madre Boulevard			DWW-777-001-0	\$ 7,846	\$ 2,189	\$ 10,045			\$ 10,044
7	LA	Sturtevant Drive-Woodland Drive			DWW-777-001-0	\$ 959	\$ 267	\$ 1,222			\$ 1,222
7	LA	Sunnyside Avenue			DWW-777-001-0	\$ 2,998	\$ 840	\$ 3,838			\$ 3,838
Totals						EO \$	47,488	13,303	60,771	PR \$	60,770

Ineligible Sites		Emergency Opening (EO)		Perm. Restoration (PR)		Est Cost					
Dist	Co	Rte	PM (back)	PM (ahead)	DAF Number	EO to date Cost	EO work remaining	Total EO Cost	Project EA	PR	Est Cost
Totals						EO \$	0	0	PR \$	0	0

Damage Assessment Form
Eligible Sites

	PM Begin	PM End	Functional Classification	Federal Aid Hwy?	Activity	EO FA	EO CONTRACT	EO TOTAL
1	Auburn Avenue	Sierra Madre Bl.	Carter Ave.	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$1,156	\$1,480
2	Baldwin Avenue	Orange Grove Ave.	Carter Ave.	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$4,357	\$5,578
3	Churchill Road-Canyon Crest	Mountain Trail	Idle Hour	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$845	\$1,082
4	Carter Avenue	Lima Street	Baldwin Ave.	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$1,174	\$1,503
5	Elkins Avenue	Santa Anita Avenue	E'l'y City Limit	Minor Arterial	Yes	Debris Clearance EO FA & EO Contract	\$324	\$415
6	Grand View Avenue	Michillinda Avenue	E'l'y City Limit	Minor Arterial	Yes	Debris Clearance EO FA & EO Contract	\$7,465	\$9,557
7	Highland Avenue	Michillinda Avenue	Canon Drive	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$4,563	\$5,842
8	Lima Street	Orange Grove Ave.	Carter Ave.	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$3,164	\$4,051
9	Michillinda Avenue	Orange Grove Ave.	N'l'y City Limit	Minor Arterial	Yes	Debris Clearance EO FA & EO Contract	\$2,540	\$3,251
10	Mira Monte Avenue	Baldwin Ave.	Mountain Trail	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$1,014	\$1,298
11	Mountain Trail	Orange Grove Ave.	Mira Monte Ave.	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$3,063	\$3,922
12	Orange Grove Avenue	Michillinda Ave.	E'l'y City Limit	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$2,533	\$3,243
13	Santa Anita Avenue	Grand View Ave.	N'l'y City Limit	Minor Arterial	Yes	Debris Clearance EO FA & EO Contract	\$3,471	\$4,444
14	Sierra Madre Boulevard	Michillinda Ave.	E'l'y City Limit	Principle Arterial	Yes	Debris Clearance EO FA & EO Contract	\$7,846	\$10,044
15	Sturtevant Drive-Woodland Drive	Mountain Trail	Yucca Trail	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$955	\$1,222
16	Sunnyside Avenue	Orange Grove Ave.	N. of Fairview	Major Collector	Yes	Debris Clearance EO FA & EO Contract	\$2,998	\$3,839
						\$47,468	\$13,302	\$60,770

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Federal Highway Administration-
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Damage Assessment Form (DAF)

DAF # DWW- - 001 -
Sheet # 2 of 22
Applicant: City of Sierra Madre

Photos, Sketches and/or Narrative

This Damage Assessment Form is submitted in an effort to recoup a portion of the cost of clearing the streets of Sierra Madre after the severe wind storm of November 30 and December 1, 2012. Damage was widespread across the San Gabriel Valley, and Sierra Madre suffered a significant loss of tree canopy as a result of the high winds.

As daylight broke on December 1, as the wind was still blowing Sierra Madre City staff, including Police, Fire and Public Works personnel began assessing damage. It was quickly apparent that all public streets suffered damage and blockage in the form of fallen trees, broken tree branches and other wind-deposited debris. Public Works immediately began providing minimal clearance of all streets, utilizing heavy equipment to push debris aside and clear enough roadway width that emergency vehicles could access the entire community. Some of the larger fallen trees could not be pushed aside and had to be cut up on the spot. Debris from these was typically left at the site once a travel path was cleared, so that crews could quickly address other closures.

Once all streets were passable for emergency vehicles, Public Works personnel and contractors began the clearing of all streets. They were assisted to a great degree by community residents, who in great numbers gathered debris from the streets into large curbside piles to simplify and expedite cleanup. Public Works and city contractors worked from the morning of December 1 through December 18 making an initial sweep across town removing debris left in streets by the windstorm.

Following the initial Public Works sweep through town, residents were allowed to bring debris from their private property and leave it in the streets for the City to remove. That round of debris removal was completed by December 30. All debris from all streets, first, second and third passes was collected from the streets and dumped at the City's maintenance yard. At that location, debris was transferred into larger vehicles for removal to landfills. The costs for hauling the debris to landfills and disposal is not included in this request.

The City is requesting relief only for the initial pass across town between December 1 and December 18, and only for streets that are Federal-Aid qualified.

The map included with this application shows numbered circles for city-owned parkway trees, most of which landed in the streets. Although this map was created for different purposes, it serves to illustrate the widespread extent of the damage. The map has had lettered triangles added to indicate the locations where the accompanying photos were taken.

The triangles do not indicate every location on federal aid streets where debris landed in the roadway. Rather, the triangles indicate just the locations of which photos are available; there was not an attempt made to photograph each and every location of a street blockage either citywide or on the basis of federal aid status.

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Quantity*	Unit*	EO-City-Owned Equipment	Unit Price	Cost
184	Hours	Cat 924 Loader #1	\$43.00	\$7,912.00
184	Hours	Cat 924 Loader #2	\$43.00	\$7,912.00
184	Hours	Small Dump Truck #1	\$44.53	\$8,193.52
184	Hours	Small Dump Truck #2	\$44.53	\$8,193.52
184	Hours	Small Dump Truck #3	\$44.53	\$8,193.52
16	Hours	Tree Truck	\$70.12	\$1,121.92
184	Hours	Large Dump Truck	\$44.53	\$8,193.52
184	Hours	Large Dump Truck (ten wheel)	\$58.43	\$10,751.12
89	Hours	Supervisor P/U (W/Supt.)	\$17.10	\$1,521.90
97	Hours	Supervisor P/U (DD/PW)	\$17.10	\$1,658.70
		Equipment Subtotal		\$63,651.72
		EO-City Personnel Costs		
128.5	Hours	Cruz	\$42.09	\$5,409.02
102.5	Hours	Redil	\$41.93	\$4,297.64
101	Hours	Gutierrez	\$31.24	\$3,154.74
129.5	Hours	McGowan	\$33.63	\$4,355.83
134.5	Hours	Caro	\$34.79	\$4,680.24
60.5	Hours	Rodriguez	\$34.28	\$2,074.14
106.75	Hours	Rogers	\$30.36	\$3,241.30
76	Hours	Peco	\$28.09	\$2,135.59
67	Hours	Benavides	\$19.50	\$1,306.67
138.5	Hours	McGee	\$38.63	\$5,349.87
122	Hours	Womack	\$45.19	\$4,609.88
99.75	Hours	Hunsicker	\$35.89	\$3,579.83
137.75	Hours	Ventura	\$36.88	\$5,079.71
53.5	Hours	Pina	\$20.05	\$1,072.55
9	Hours	Cimino	\$83.63	\$752.71
17	Hours	Reynoso	\$60.18	\$1,023.17
		Personnel Subtotal		\$52,122.89
		EO-Agency Force Subtotal		\$115,774.61

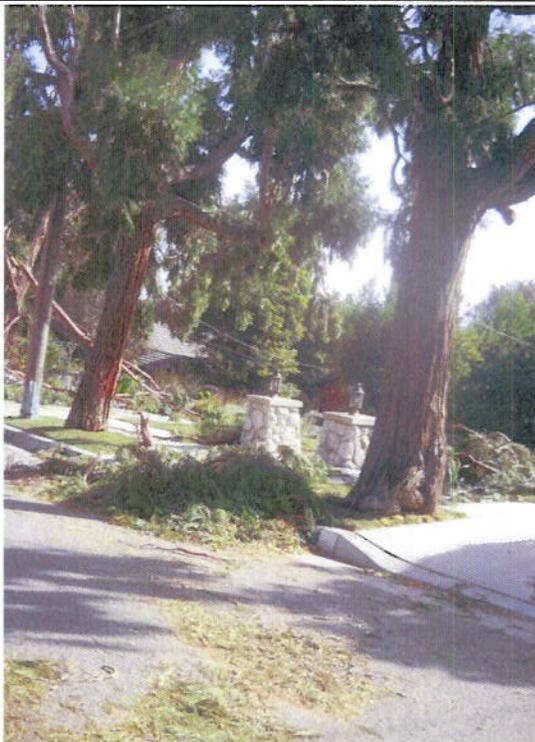
*Lump Sum will generally only be accepted for non biddable items, such as Mobilization.

Justifications/comments: Costs shown are for the first pass through the City clearing all city streets. Costs for subsequent passes are not included.

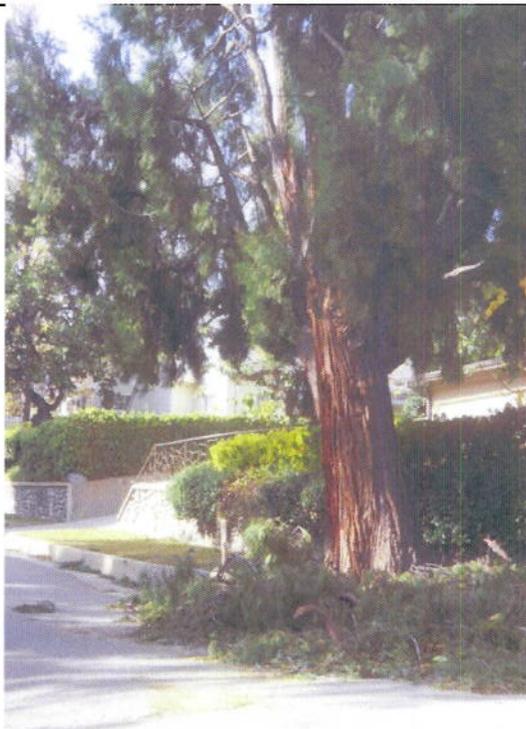
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Applicant: City of Sierra Madre

Photos, Sketches and/or Narrative



58 West Carter 12-1-2011 Photo A



25 West Carter Avenue 12-1-2011 Photo B

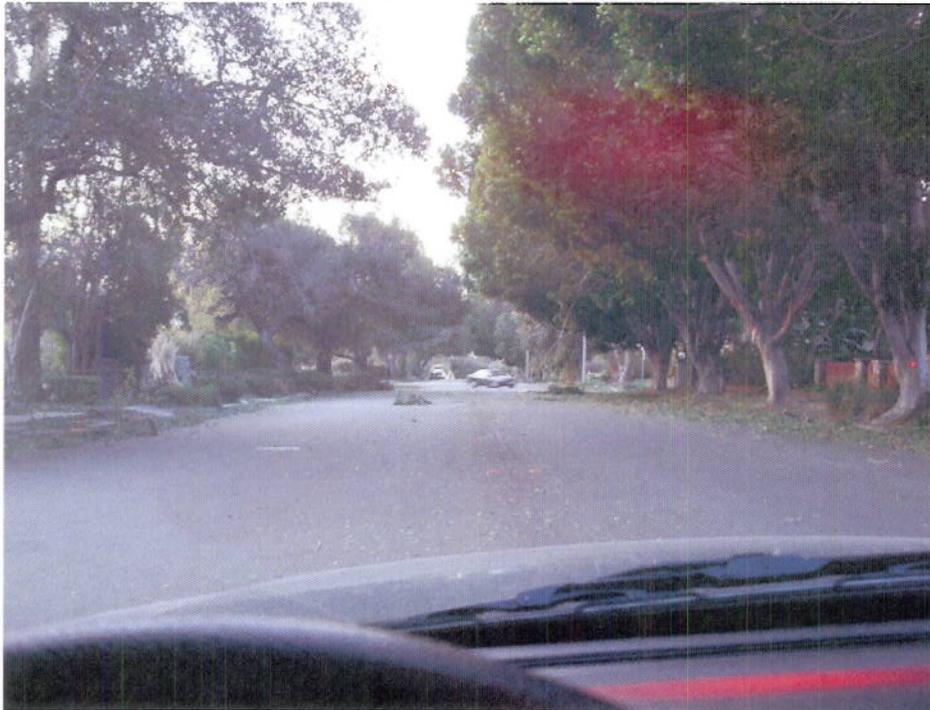
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Photos, Sketches and/or Narrative



Broken Ficus Nitida Blocking Intersection of Orange Grove and Baldwin 12-01-11 Photo C



10 South Baldwin Avenue 12-01-11 Photo D

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Photos, Sketches and/or Narrative



304 Sycamore Place, East Grandview Frontage 12-01-11 Photo E



431 East Grandview 12-1-2011 Photo F

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Photos, Sketches and/or Narrative



400 East Grandview 12-1-11 Photo G



32 N. Lima Street, 12-01-2011 Photo H

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Photos, Sketches and/or Narrative



330 Manzanita, South Lima Street Frontage, 12-01-2011 Photo I



24 N Lima Street, 12-01-11 Photo J

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Photos, Sketches and/or Narrative



700 West Highland, Michillinda Frontage, downed tree hanging over Michillinda constituting a hazard. 12-1-11
Photo K



40 South Michillinda 12-01-2011 Photo L

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Photos, Sketches and/or Narrative



288 South Michillinda Avenue 12-01-2011 Photo M



142 E. Mira Monte Avenue, 12-1-11 Photo N

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Photos, Sketches and/or Narrative



190 East Mira Monte Avenue, 12-01-11 Photo O



125 E. Mira Monte Avenue, 12-01-2011 Photo P

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Photos, Sketches and/or Narrative



97 West Carter 12-01-2011, private property tree fell across street Photo Q



2075 Santa Anita Avenue, 12-01-11 Photo R

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Photos, Sketches and/or Narrative



371 Mountain Trail Avenue, 12-1-11 Photo S



158 East Mira Monte Avenue, 12-01-11, Photo T

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Photos, Sketches and/or Narrative



475 East Orange Grove, fallen tree blocking westbound lanes 12-01-2011 Photo U



475 East Orange Grove 12-01-2011 Photo V

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Photos, Sketches and/or Narrative



255 East Orange Grove Photo W



385 West Orange Grove Avenue, 12-01-11 Photo X

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Photos, Sketches and/or Narrative



217 W. Orange Grove Avenue, 12-02-11 debris pushed to the side to allow through traffic (typical) Photo Y



681 West Orange Grove Avenue, 12-01-11, Photo Z

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Photos, Sketches and/or Narrative



681 W. Orange Grove Avenue, 12-01-11, Photo AA



217 W. Orange Grove Avenue, 12-01-2011, Photo BB

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Photos, Sketches and/or Narrative



217 W. Orange Grove Avenue, 12-01-2011, Photo CC



205 W. Orange Grove Avenue, 12-01-2011, Photo DD

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Photos, Sketches and/or Narrative



110 East Sierra Madre Boulevard, 12-01-11 Photo EE



154 East Sierra Madre Boulevard 12-01-11 Photo FF

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Photos, Sketches and/or Narrative



611 East Sierra Madre Boulevard, fallen sycamore tree blocked city parking lot and entire Boulevard, 12-01-2011, Photo GG



37 West Sierra Madre Boulevard, 12-01-2011, Photo HH

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Photos, Sketches and/or Narrative



555 West Sierra Madre Boulevard, North Sunnyside frontage, 12-01-2011 Photo II



35 South Sunnyside Avenue, 12-01-2011, Photo JJ