

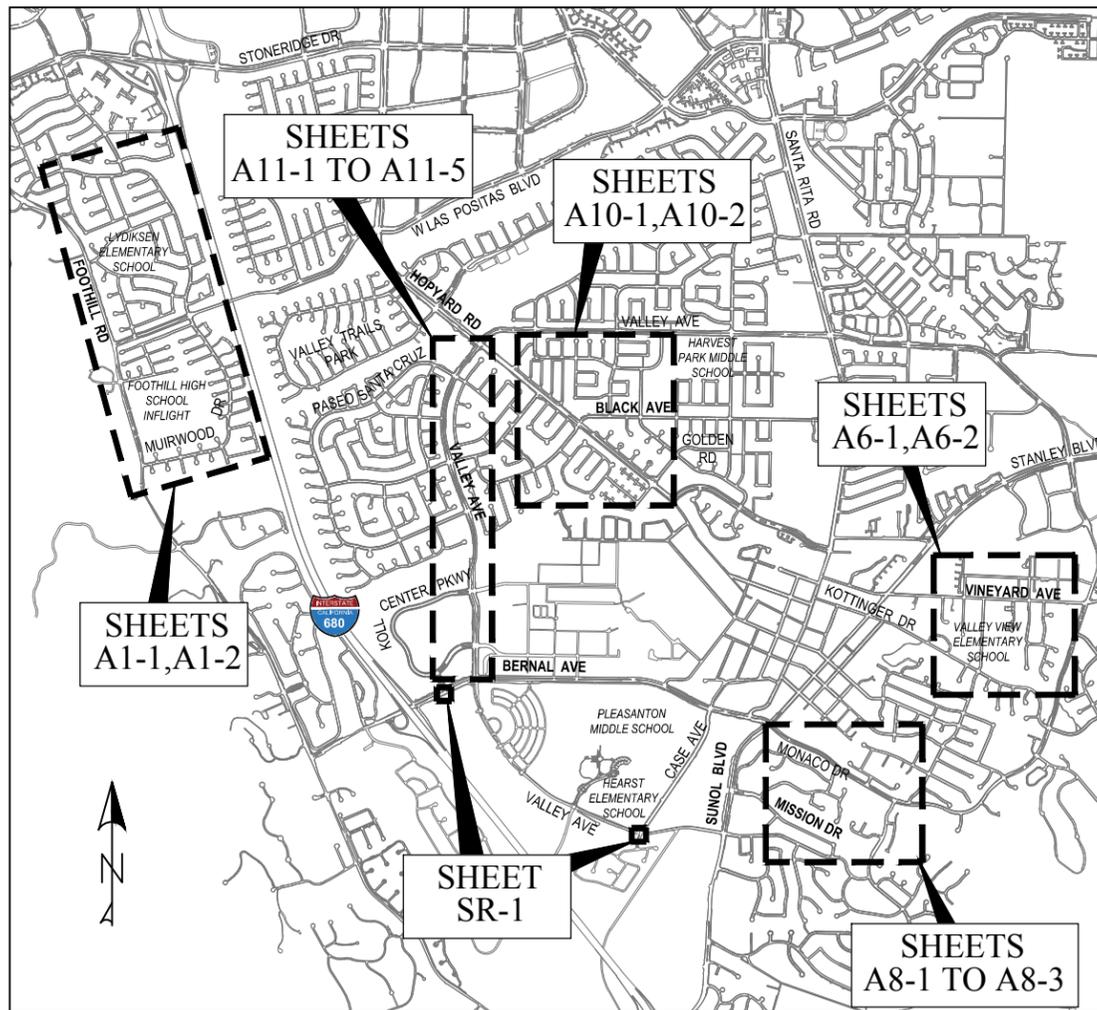
# CITY OF PLEASANTON

DEPARTMENT OF  
ENGINEERING

## ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING

CIP #15509  
NOVEMBER 2016  
BID SET  
VOLUME 1: DRAWINGS

STEPHEN M. KIRKPATRICK, CITY ENGINEER



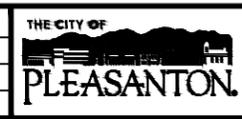
LOCATION MAP

NTS

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FILENAME: G-1 TITLE PAGE 11-04-16 01:56pm srguven

REV.	DATE	DESCRIPTION



CITY OF PLEASANTON  
Department of Engineering

STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

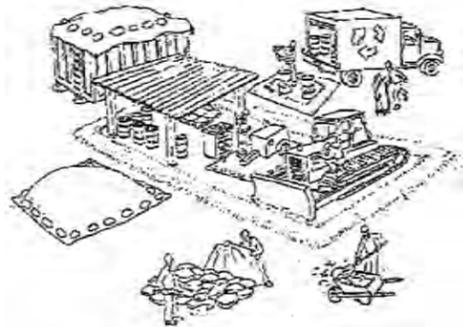
ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING  
TITLE SHEET

DESIGN:	LK	SCALE:	NTS	DWG NO.	G-1 1 OF 21
DRAWN:	SN/SC	PROJECT NO.:	CIP-15509		
CHECKED:	AN	DATE:	NOV, 2016		
TRAFFIC ENGINEER:	MT				

# Pollution Prevention - It's Part of the Plan

Make sure your crews and subs do the job right!

Runoff from streets and other paved areas are a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with the City of Pleasanton requirements. Contact the City of Pleasanton, Department of Engineering at (925) 931-5650, or for private onsite work, please contact the Building and Safety Division at (925) 931-5300.



## Materials storage & spill cleanup Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
  - ✓ Use (but don't overuse) reclaimed water for dust control as needed.
  - ✓ Sweep or vacuum streets and other paved areas daily. Do not wash down streets or work areas with water!
  - ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- Comply with City Ordinance for recycling construction materials, wood, gyp board, pipe, etc.  
Contact Pleasanton Garbage Service at 925-846-2042 for both recycling and debris disposal.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

## Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

## Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
  - ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain.
- Never wash spilled material into a gutter, street, storm drain, or creek!  
Report any hazardous materials spills immediately! Dial 911 or the Livermore/Pleasanton Fire Department at 925-454-2330.

## Vehicle and equipment maintenance & cleaning

- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.



## Earthwork & contaminated soils

- ✓ Keep excavated soil on the site where it is least likely to collect in the street.
- Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use fiber rolls, silt fences, or other control measures to minimize the flow of silt off the site. See the approved erosion control plan for this site.



- ✓ Earth moving activities are only allowed during dry weather by permit and as approved by the City Inspector in the Field.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place fiber rolls down-slope until soil is secure.

- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call Pleasanton/Livermore Fire Department at 925-454-2330 or the Regional Water Quality Control Board for help in determining what should be done, and manage disposal of contaminated soil according to their instructions.

## Dewatering operations

- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call Pleasanton's storm drain source inspector, Brian Lorimer, before discharging water to a street, gutter, or storm drain (925-931-5511). Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing is required and how to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



## Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or sand/gravel bags to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.



## Paving/asphalt work

- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with sand/gravel bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

## Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.
- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.



## Painting

- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.



Storm drain polluters maybe liable for fines of \$10,000 or more per day!

Bay Area Stormwater Management  
Agencies Association (BASMAA)  
1-888-BAYWISE

For more detailed information:  
Get a copy of the "Field Manual" -- (510) 622-2465 or  
[www.abag.ca.gov/bayarea/sfep/reports/construction.html](http://www.abag.ca.gov/bayarea/sfep/reports/construction.html)

FILENAME: G-2 BMP 11-04-16 01:57pm snguyen

REV.	DATE	DESCRIPTION	THE CITY OF PLEASANTON		STEPHEN M. KIRKPATRICK CITY ENGINEER NO. 53367 EXP. 6/30/17	ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING	DESIGN: LK	SCALE: NTS	DWG NO.
			CITY OF PLEASANTON Department of Engineering			BMP	DRAWN: SN/SC	PROJECT NO.: CIP-15509	G-2
							CHECKED: AN	DATE: NOV, 2016	2 OF 21
							TRAFFIC ENGINEER: MT		

**TABLE OF LOCATION AND QUANTITY**

ADDRESS	NEAREST INTERSECTION	WORK TYPE	LENGTH
4695 COPE CT	VALLEY AVE & GREENWOOD RD	CURB & GUTTER	25 FEET
2257 GOLDCREST CIR	HOPYARD RD & HANSEN DR	CURB & GUTTER	25 FEET
2340 GREENBERRY CT	NORWAY RD & FAIRFIELD RD	CURB & GUTTER	10 FEET
5967 HANSEN DR	VALLEY AVE & HANSEN DR	CURB & GUTTER	40 FEET
4335 BRISTOLWOOD RD	MUIRWOOD DR & W LAS POSITAS BLVD	CURB & GUTTER AND SIDEWALK	9 FEET C/G, 41 S.F. S/W
3994 FERNWOOD WAY	FOOTHILL RD & MUIRWOOD DR	CURB & GUTTER	20 FEET
MUIRWOOD DR & ASPEN CT	MUIRWOOD DR & ASPEN CT	CURB & GUTTER	20 FEET
MUIRWOOD DR BETWEEN ALDER CT/AMBERWOOD CT	MUIRWOOD DR BETWEEN ALDER CT/AMBERWOOD CT	CURB & GUTTER	100 FEET
MUIRWOOD DR & PALM CT	MUIRWOOD DR & PALM CT	CURB & GUTTER, SIDEWALK, AND RAMP	50 FEET C/G, 250 S.F. S/W, TYPE C2 RAMP
3817 MUIRWOOD DR	MUIRWOOD DR & LEMONWOOD WAY	CURB & GUTTER	100 FEET
3930 MT. RAINIER CT	N VALLEY TRAILS DR & LASSEN ST	CURB & GUTTER	34 FEET
3593 OLYMPIC CT SOUTH	N VALLEY TRAILS DR & HOPYARD RD	CURB & GUTTER	15 FEET
3643 OLYMPIC CT NORTH	N VALLEY TRAILS DR & HOPYARD RD	CURB & GUTTER AND SIDEWALK	48 FEET C/G, 165 S.F. S/W
6998 VIA QUITO	VIA QUITO & CALLE REYNOSO	SIDEWALK	77 S.F. S/W

**NOTES:**

1. WORK IDENTIFIED ON THIS PAGE IS FOR THE CITY'S ANNUAL SLURRY SEAL PROGRAM.
2. ALL EDGES PAV'T GRADES SHALL MATCH INTO EXISTING GRADES.
3. ADJUST FLOWLINE AS NECESSARY TO ENSURE PROPER DRAINAGE.
4. WORK WILL BE MARKED IN THE FIELD BY ENGINEER.

@	AT	JT	JOINT TRENCH
AB	AGGREGATE BASE	LF	LINEAR FEET
AC	ASPHALT CONCRETE	MIN	MINIMUM
B/W	BACK OF WALK	MH	MAN HOLE
C/G	CURB AND GUTTER	NTS	NOT TO SCALE
CD	CURB DRAIN	PG&E	PACIFIC GAS & ELECTRIC
CI	CURB INLET		ELECTRIC
CL	CENTERLINE	PL	PROPERTY LINE
DI	DRAIN INLET	R/W	RIGHT-OF-WAY
DIP	DUCTILE IRON PIPE	R/R	REMOVE & REPLACE
DWY	DRIVEWAY	S	SEWER LATERAL STAMP
EA	EACH	SD	STORM DRAIN
ELEC	ELECTRICAL	S.F.	SQUARE FEET
EL	ELEVATION	SS	SANITARY SEWER
EP	EDGE OF PAVEMENT	ST.	STREET
EQ	EQUAL	S/W	SIDEWALK
EX	EXISTING	TC	TOP OF CURB
F/C	FACE OF CURB	TEL	TELEPHONE
FH	FIRE HYDRANT	TYP	TYPICAL
GB	GRADE BREAK	W/	WITH
HORIZ	HORIZONTAL	WV	WATER VALVE

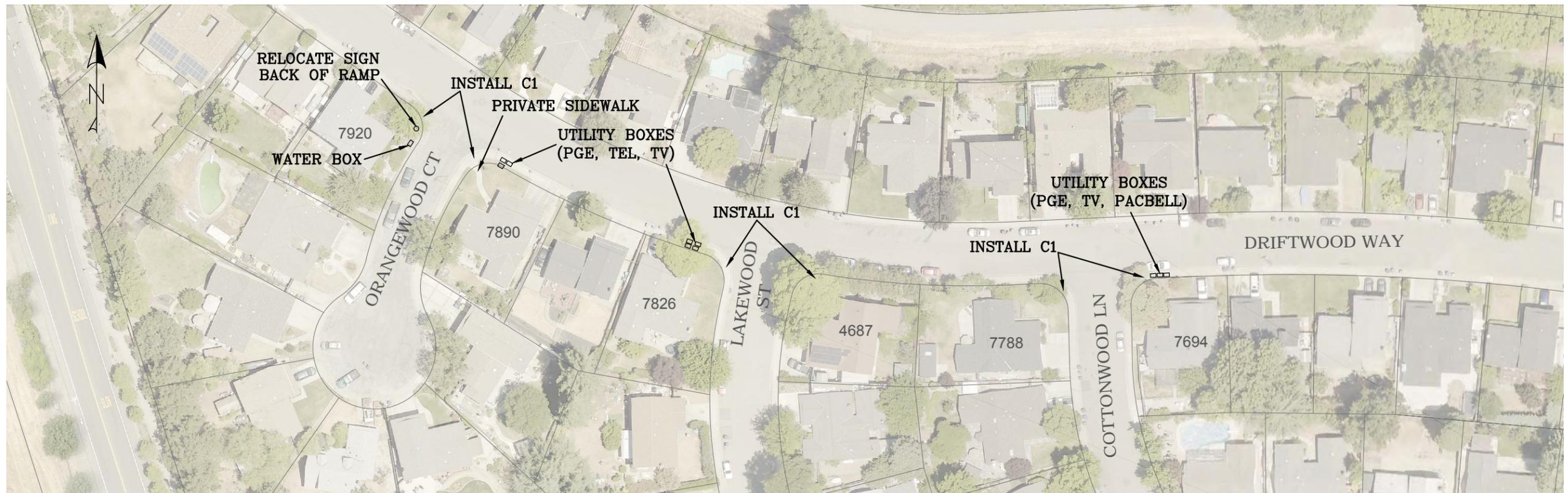
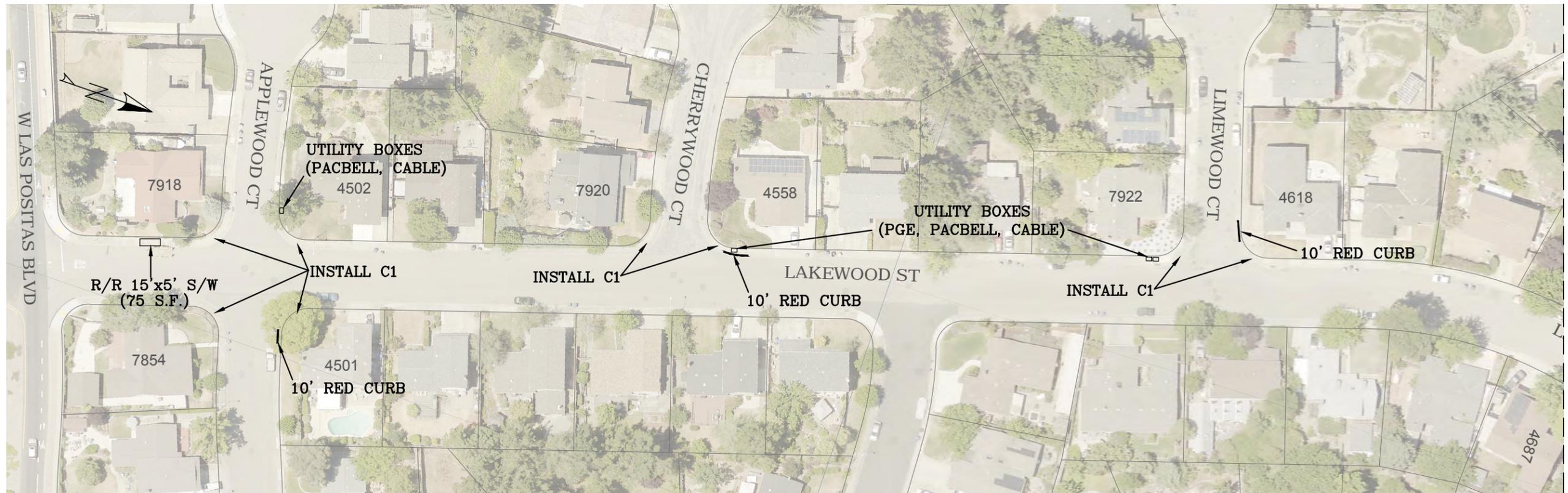
ABBREVIATIONS

1. THE COORDINATE SYSTEM IS BASED ON A RTK GPS ESTABLISHED CONTROL NETWORK ON SITE, USING NAD83 CCS ZONE 3 COORDINATES (EPOCH 2010.00). BASELINE CONTROL POINTS ESTABLISHED ON-SITE ARE LCC CP #101 (N 2070157.56, E 6162126.55 - GPS COORDINATE HELD HERE), A SET MAG NL IN AC AT THE SOUTHWEST CORNER OF BLACK AVE AND GREENWOOD RD, LCC CP #102 (N 2070441.77, E 6162151.76), A STREET MON ON GREENWOOD RD NORTH OF THE BLACK AVE INTERSECTION. DISTANCES AND COORDINATES AS SHOWN ON THIS SURVEY SHOULD BE CONSIDERED AS GROUND DISTANCES AND COORDINATES.
2. ELEVATIONS ARE BASED NAVD88, PER RTK GPS SURVEY ESTABLISHED CONTROL POINTS. SITE BENCHMARK WAS HELD AT LCC CP #101 (SEE ABOVE FOR DESCRIPTION), ELEVATION HELD AS 340.86 FEET, (NAVD88).
3. THIS SURVEY DOES NOT REPRESENT A COMPLETE BOUNDARY SURVEY. ALL PROPERTY CORNERS HAVE NOT BEEN SEARCHED FOR OR LOCATED (OTHER THAN THE FOUND STREET MONUMENTS SHOWN ON THE SURVEY), AND NEW CORNERS OR MONUMENTS HAVE NOT BEEN SET DURING THIS SURVEY. THE BOUNDARY (PROPERTY) LINES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON RECORD MAP INFORMATION AND THE PHYSICAL LOCATION OF EXISTING IMPROVEMENTS SUCH AS CURBS, FENCES, SIDEWALKS, AND BUILDINGS. EASEMENTS ARE NOT SHOWN.
4. UTILITIES SHOWN ARE BASED UPON SURFACE OBSERVATIONS OF STRUCTURES AND USA MARKINGS FOUND IN FIELD. THE SURVEYOR ASSUMES NO RESPONSIBILITY FOR LOCATIONS, CAPACITIES OR FUNCTIONALITY OF ALL UTILITIES SHOWN HEREON. SOME UNDERGROUND UTILITIES MAY NOT BE SHOWN.

SURVEY NOTES  
(BLACK AVENUE)

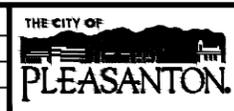
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REV.	DATE	DESCRIPTION	THE CITY OF PLEASANTON		STEPHEN M. KIRKPATRICK CITY ENGINEER NO. 53367 EXP. 6/30/17	ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING	DESIGN: LK	SCALE: NTS	DWG NO.
			CITY OF PLEASANTON Department of Engineering			MISCELLANEOUS CONCRETE FOR SLURRY SEAL	DRAWN: SN/SC	PROJECT NO.: CIP-15509	<b>G-3</b>
							CHECKED: AN	DATE: NOV, 2016	3 OF 21
							TRAFFIC ENGINEER: MT		



FILENAME: AREA 1 11-04-16 11:17am snguyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

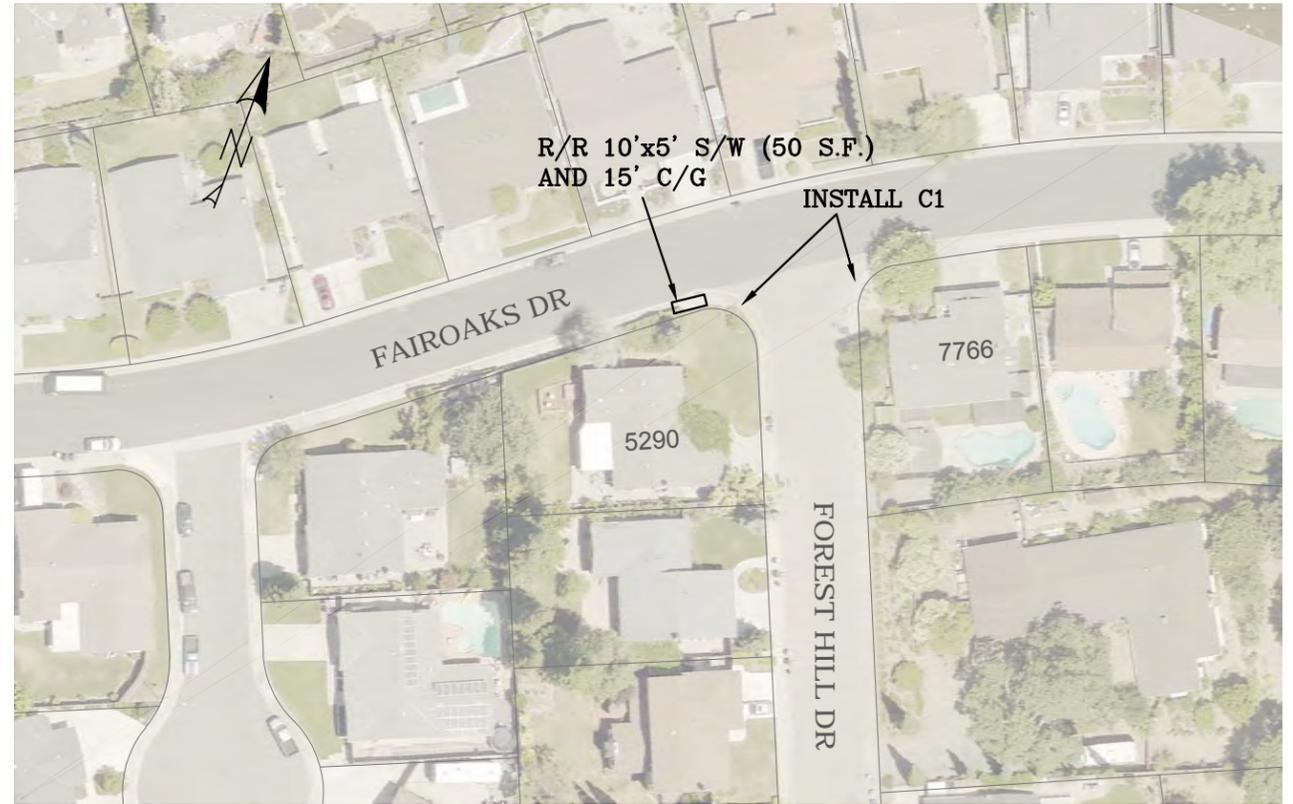
STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
LAKWOOD ST, APPLEWOOD CT, CHERRYWOOD CT, LIMEWOOD CT, ORANGEWOOD CT, COTTONWOOD LN AND DRIFTWOOD WAY

DESIGN: LK  
DRAWN: SN/SC  
CHECKED: AN  
TRAFFIC ENGINEER: MT

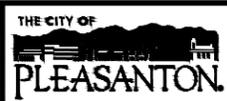
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PROJECT NO.: CIP-15509  
DATE: NOV, 2016

DWG NO. **A1-1**  
4 OF 21



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REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

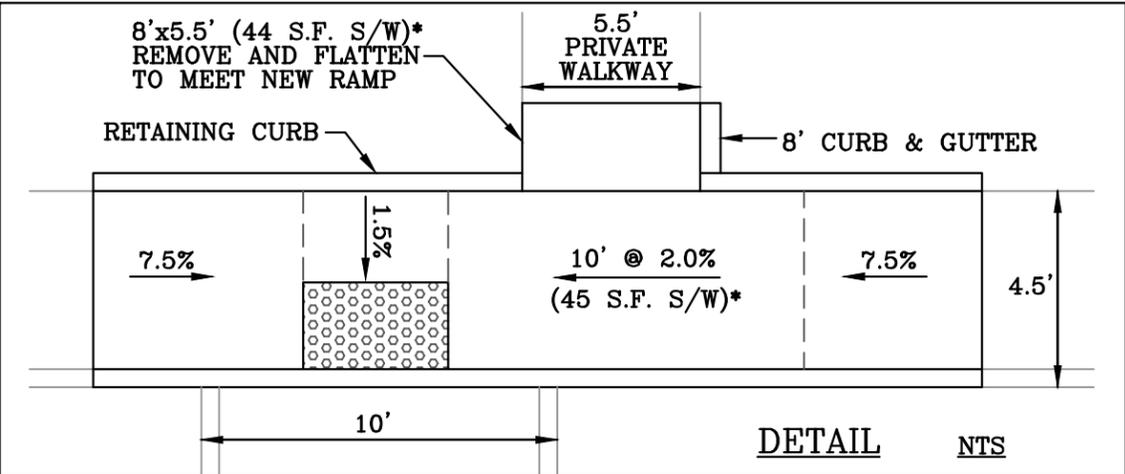
STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
MUIRWOOD DR, DRYWOOD, FAIROAKS DR AND FOREST HILL DR

DESIGN:	LK
DRAWN:	SN/SC
CHECKED:	AN
TRAFFIC ENGINEER:	MT

SCALE:	1" = 80'
PROJECT NO.:	CIP-15509
DATE:	NOV, 2016

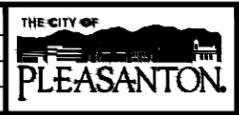
DWG NO.  
**A1-2**  
5 OF 21



**NOTE:**  
 \* THESE AREAS SHALL BE COMPUTED/PAID AS CONCRETE SIDEWALK.

FILENAME: AREA 6 11-04-16 09:53pm srnguyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
 Department of Engineering

STEPHEN M. KIRKPATRICK  
 CITY ENGINEER  
 NO. 53367  
 EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
 BIRCH CREEK DR AND VINE ST

DESIGN: LK  
 DRAWN: SN/SC  
 CHECKED: AN  
 TRAFFIC ENGINEER: MT

SCALE: 1" = 80'  
 PROJECT NO.: CIP-15509  
 DATE: NOV, 2016

DWG NO. **A6-1**  
 6 OF 21



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REV.	DATE	DESCRIPTION



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Department of Engineering

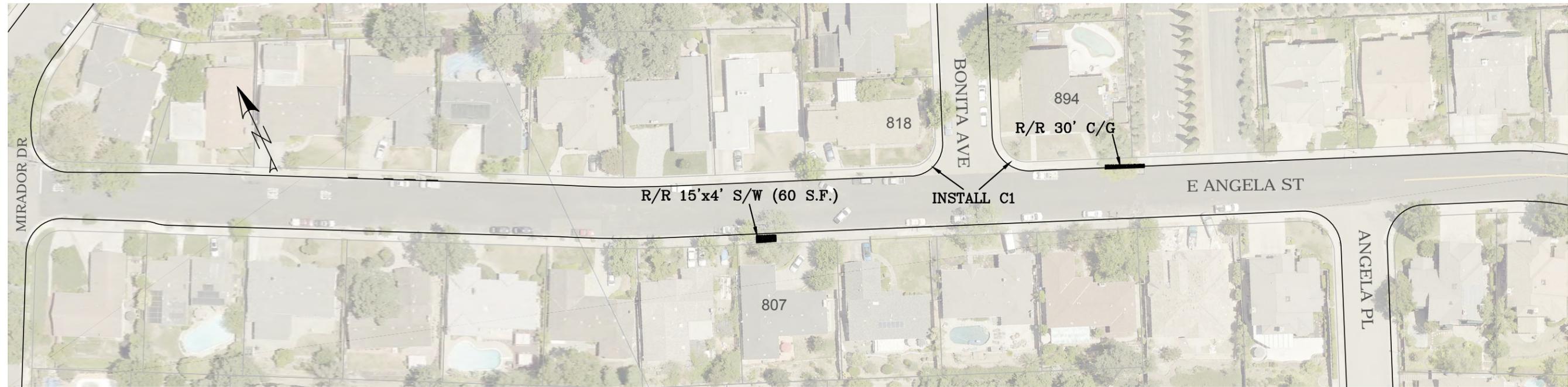
STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
EWING DR, ZWISSIG CT AND GERARD CT

DESIGN:	LK
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TRAFFIC ENGINEER:	MT

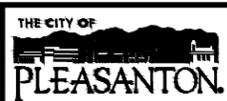
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DATE:	NOV, 2016

DWG NO.  
**A6-2**  
7 OF 21



FILENAME: AREA 8 - NORTH 11-03-16 03:16pm snguyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

STEPHEN M. KIRKPATRICK  
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NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
ABBIE ST, COBBLER CT AND E ANGELA ST

DESIGN: LK  
DRAWN: SN/SC  
CHECKED: AN  
TRAFFIC ENGINEER: MT

SCALE: 1" = 80'  
PROJECT NO.: CIP-15509  
DATE: NOV, 2016

DWG NO. **A8-1**  
8 OF 21



MATCHLINE SEE LOWER LEFT



MATCHLINE SEE DRAWING A8-3

FILENAME: AREA 8 - SOUTH 11-07-16 11:02am singuyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
MONACO DR AND PUERTO VALLARTA

DESIGN: LK  
DRAWN: SN/SC  
CHECKED: AN  
TRAFFIC ENGINEER: MT

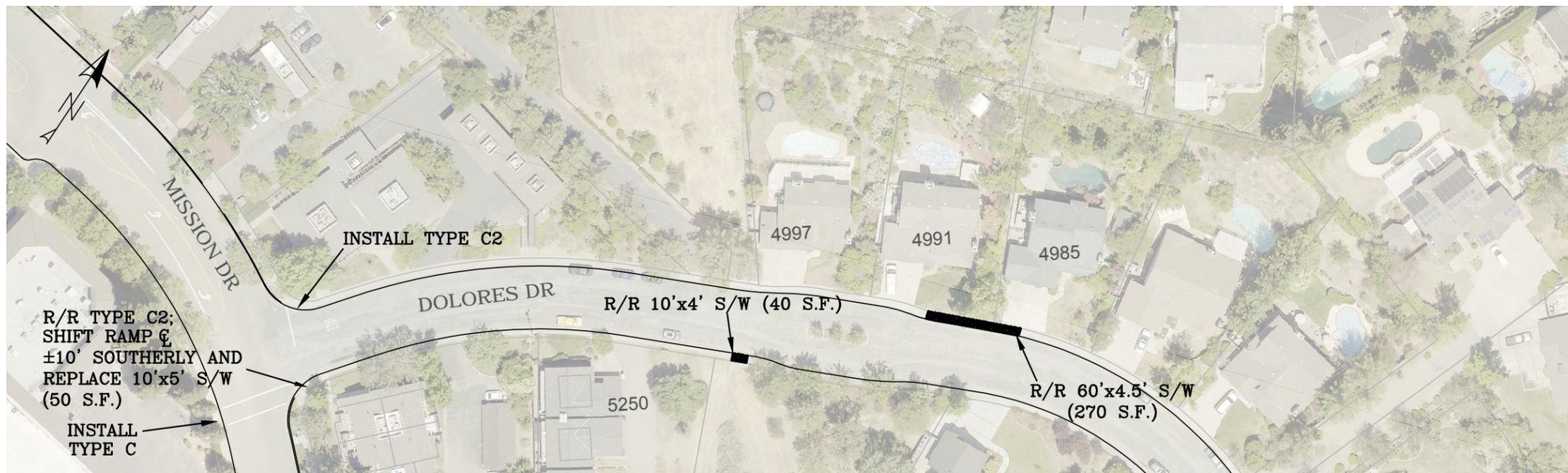
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DATE: NOV, 2016

DWG NO. **A8-2**  
9 OF 21

MATCHLINE SEE DRAWING A8-2



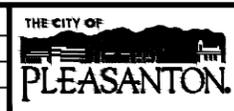
MATCHLINE SEE BOTTOM RIGHT



MATCHLINE SEE UPPER LEFT

FILENAME: AREA 8 - SOUTH 11-03-16 03:20pm enguyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**ANNUAL CURB & GUTTER REPLACEMENT FOR STREET RESURFACING**  
DOLORES DR AND DOLORES PL

DESIGN: LK  
DRAWN: SN/SC  
CHECKED: AN  
TRAFFIC ENGINEER: MT

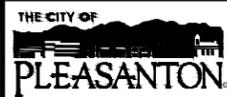
SCALE: 1" = 80'  
PROJECT NO.: CIP-15509  
DATE: NOV, 2016

DWG NO. **A8-3**  
10 OF 21



FILENAME: AREA 10 - Hopyard to Del Valle Pkwy 11-03-16 11:24am anguyen

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
Department of Engineering

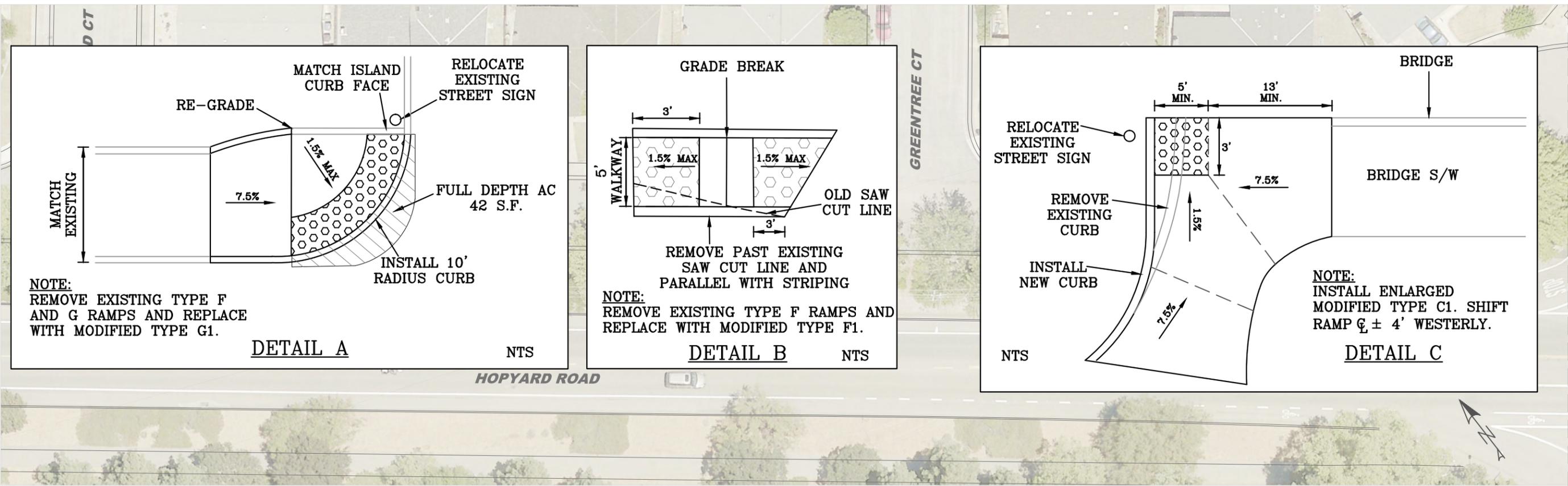
STEPHEN M. KIRKPATRICK  
CITY ENGINEER  
NO. 53367  
EXP. 6/30/17

**HOPYARD ROAD - OBAG 1**  
**BLACK AVENUE TO ELMRIDGE COURT**

DESIGN:	HH
DRAWN:	SN
CHECKED:	AN
TRAFFIC REVIEW:	MT

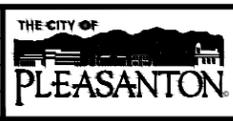
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DATE:	NOV, 2016

DWG NO.  
**A10-1**  
11 OF 21



FILENAME: AREA 10 - Hopyard to Del Valle Pkwy 11-04-16 03:48pm nguyenv

REV.	DATE	DESCRIPTION



**CITY OF PLEASANTON**  
 Department of Engineering

STEPHEN M. KIRKPATRICK  
 CITY ENGINEER  
 NO. 53367  
 EXP. 6/30/17

HOPYARD ROAD - OBAG 1  
 MEADOWWOOD CT TO DEL VALLE PKWY

DESIGN: HH  
 DRAWN: SN  
 CHECKED: AN  
 TRAFFIC REVIEW: MT

SCALE: 1" = 40'  
 PROJECT NO.: CIP-15509  
 DATE: NOV, 2016

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