



ORLAND PUBLIC WORKS AND SAFETY COMMISSION AGENDA

Tuesday, October 10, 2023 at 4:00 PM
Carnegie Center, 912 Third Street and Via Zoom

P: (530)-865-1600 F: (530) 865-1632

Commission: James Paschall | David Kelly

Emil Cavagnolo | Monica Rossman | Byron Denton

City Officials: Jennifer Schmitke, City Clerk | Leticia Espinosa, City Treasurer

Virtual Meeting Information:

<https://us02web.zoom.us/j/89558741932>

Webinar ID: 895 5874 1932 | Zoom Telephone: 1 (669) 900-9128

Public comments are welcomed and encouraged in advance of the meeting by emailing the City Clerk at jtschmitke@cityoforland.com or by phone at (530) 865-1610 by 4:00 p.m. on the day of the meeting

1. CALL TO ORDER - 4:00 PM
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. ORAL AND WRITTEN COMMUNICATIONS

Public Comments:

Members of the public wishing to address the Commission on any item(s) not on the agenda may do so at this time when recognized by the Chairperson. However, no formal action or discussion will be taken unless placed on a future agenda. The public is advised to limit discussion to one presentation per individual. While not required, please state your name and place of residence for the record. (Public Comments will be limited to three minutes).

5. CONSENT CALENDAR

A. Approval of Prior Minutes from August 8, 2023 (Pg.3)

6. PUBLIC WORKS

A. Public Works Department Update (Verbal)

B. Street Traffic Calming Measures (Pg. 6)

C. Precision Concrete Sidewalk Cutting (Pg.8)

7. PUBLIC SAFETY

A. Police Department Update (Verbal)

B. Request from Orland Unified School District: Consideration of Stop sign at East South Street and Walnut (Discussion/Recommendation) (Pg.)

C. Fire Department Update (Verbal)

8. GENERAL

Next Meeting - December 12, 2023

9. COMMISSIONER REPORTS

10. FUTURE AGENDA ITEMS

11. ADJOURN

CERTIFICATION: Pursuant to Government Code Section 54954.2(a), the agenda for this meeting was properly posted on October 2, 2023.

A complete agenda packet is available for public inspection during normal business hours at City Hall, 815 Fourth Street, in Orland or on the City's website at www.cityoforland.com where meeting minutes and audio recordings are also available.

In compliance with the Americans with Disabilities Act, the City of Orland will make available to members of the public any special assistance necessary to participate in this meeting. The public should contact the City Clerk's Office 530-865-1610 to make such a request. Notification 72 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting.

PUBLIC WORKS & SAFETY COMMISSION

Meeting Minutes

August 8, 2023

1. Call to Order

The meeting was called to order by Kelly at 4:03pm

2. Pledge of Allegiance – led by Police Chief, Joe Vlach

3. Roll Call

Present: Chairperson David Kelly, Vice Chairperson James Paschall Sr., Commissioner Emil Cavagnolo, Chairperson Monica Rossman.

Absent: Commissioner Byon Denton

Councilmembers: Councilmember Roundy

Staff: Joe Vlach, Police Chief; Ed Vonasek, Director of Public Works; Meagan Mondragon, Secretary.

4. Oral and Written Communications

A. Citizen Business: None

5. Consent Calendar

A. Approval of June 13, 2023 minutes

Commissioner Rossman motioned, seconded by Vice Chairperson Paschall to approve the June 13, 2023 minutes as presented, motion carried 4-0 by the following voice vote. Ayes: Kelly, Cavagnolo, Rossman and Paschall; Noes: None; Abstain: None; Absent: Denton.

6. Public Safety

A. Fire Department Update

Chairperson Kelly gave the Fire Department update in Fire Chief Justin Chaney’s absence. Chairperson Kelly stated that the Fire Department has had quiet a fire season so far, but the Fire department does have their equipment ready if anything changes. Chairperson Kelly informed the Commission that 3 new volunteers have joined the department.

Commissioner Rossman asked how many calls they are currently at for the year. Chairperson Kelly responded that they are currently at 452 calls this year and are on track to getting around 750-800 calls this year.

B. Police Department Update

Police Chief, Joe Vlach shared that the Police Department closed out Phase 1 of security infrastructure upgrade project and just signed a contract for Phase 2. Chief

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August 8, 2023

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Vlach stated that the cameras and access control for Carnegie, Library, and Library park have been ordered.

Chief Vlach informed the commission that they are still waiting on frequency pair to complete the radio project. Chief Vlach stated that the Police Department is going through a new hiring cycle and is optimistic about the quality of applicants.

7. Public Works

A. Public Works Department Update

Public Works Director Ed Vonasek updated the commission that the Library roof project is almost complete and the upgrading of the HVAC system for the Library has been completed. Director Vonasek shared that the City Hall and Police Department roof replacement project is next to be completed.

Director Vonasek informed the commission that Lely Park pond received its first water delivery for Glenn Groundwater Authority (GGA) Recharge Program. Director Vonasek said that the water has percolated and is looking for a way for Orland Unit Water Users to send any extra water they have, so that it can be placed in Lely Park pond.

Director Vonasek stated that Visinoni Brothers was the awarded bidder for Phase 2B of Department of Water Resources (DWR) project and the notice for bidders on Phase 2A of project will go out August 19, 2023.

Director Vonasek gave updates on the stoplight on Commerce Lane, Cal trans traffic study on Newville and 9th street, and opening of McDonalds.

Chairperson Kelly asked about emergency technology for stoplights on Commerce Lane and Newville Road intersection. Director Vonasek responded that City staff did request for an Emergency Preemption Device to be installed at that intersection for Fire and Police department.

B. Groundwater Well Level Update

Director Vonasek shared that the well levels are doing well overall.

Commissioner Cavagnolo updated the commission on the Orland and Artois water district conditions.

8. General

A. Schedule of Next Meeting

The next regularly scheduled Commission meeting will take place at Carnegie Center at 4 pm, October 10, 2023

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9. Commissioner Reports

Chairperson Kelly updated the commission that after the last Public Works Safety meeting he had a meeting with Dutch Bros. They are looking to come up with a solution to address the safety concerns for the public and their employees.

10. Future Agenda Items

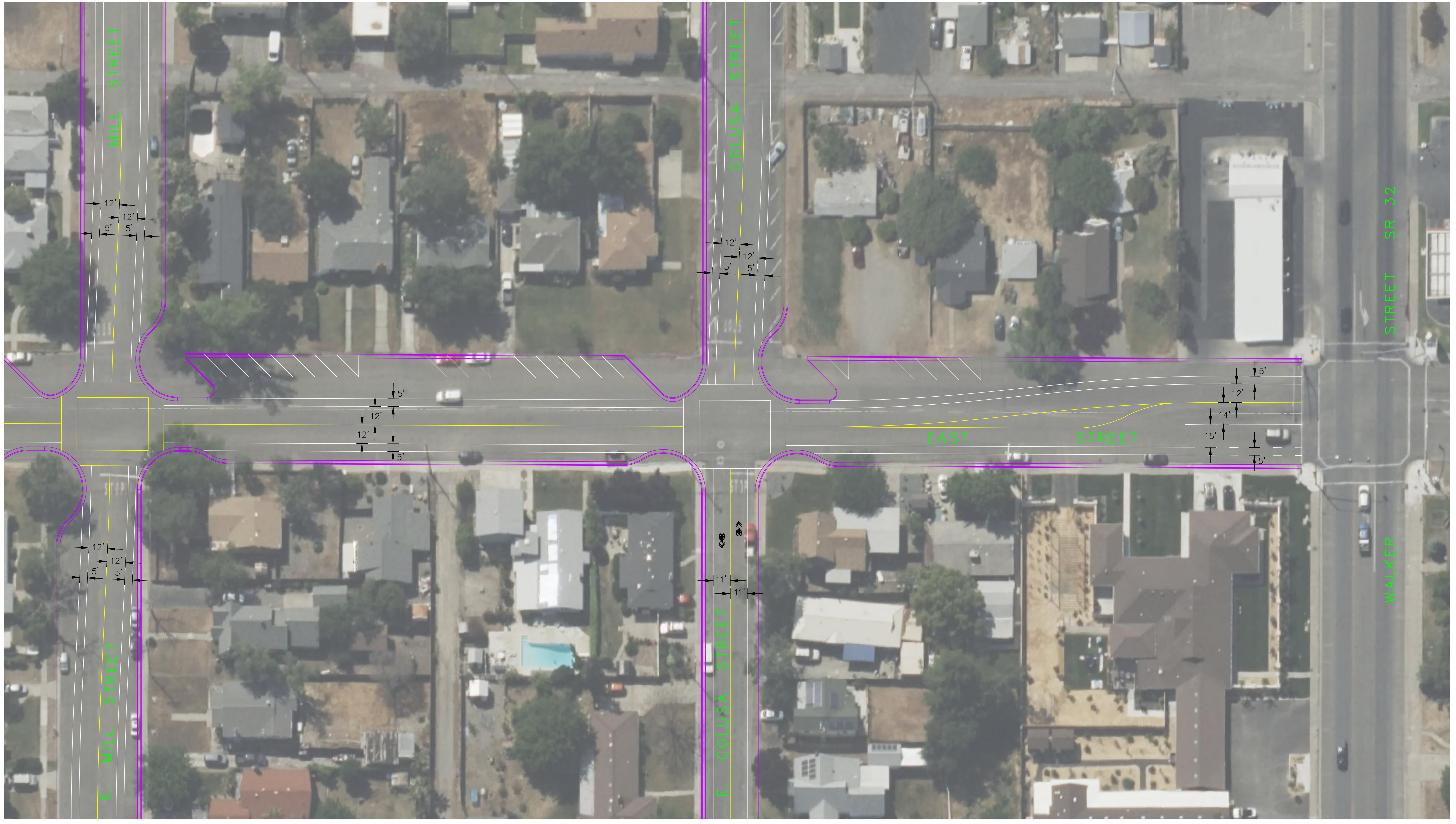
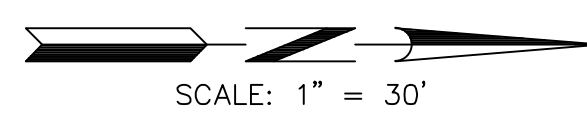
Commissioner Rossman would like the lines on East St. repainted.

11. ADJOURNMENT – 4:46 PM

Respectfully submitted,

Meagan Mondragon, Secretary

David Kelly, Chair



DRAFT

APPROVED
DATE
AUGUST, 2023

PREPARED FOR :
CITY OF ORLAND

RAR
ROLLS ANDERSON & ROLLS
CIVIL ENGINEERS
115 YELLOWSTONE DRIVE • CHICO, CALIFORNIA 95973-5811 • TELEPHONE 530-895-1422

EAST STREET
CONCEPTUAL STRIPING AND IMPROVEMENTS

DESIGNED	PWR
DRAWN	CAD
CHECKED	JIR
DRAWING NO.	1 OF 2
JOB NO.	23004

S:\UTBS\Users\jcarl\Projects\2023\23_4_23\27.dwg



417 Harrison St, Oakland, CA 94607 / Phone: (650) 867-8657 / Fax (650) 240-3866 / CL# 1032474

6.20.23

PROPOSAL FOR “NOT TO EXCEED” AGREEMENT BETWEEN: THE City of Orland AND PRECISION CONCRETE CUTTING (PCC)

Overview

Uneven sidewalks caused by ground settling and tree roots cause a potential hazard to pedestrians. Displaced sidewalks cause problems for both public and private entities in the form of trip and fall liability exposure.

It is proposed that the City of Orland and PCC enter into an agreement whereby PCC will inspect sidewalks as identified by City staff. The price for these services shall not exceed the proposed dollar amount and quantity defined in the “Proposal Detail” section below.

Background Information on Precision Concrete Cutting

PCC has been repairing and inspecting sidewalks since 1990. The company does work throughout the United States and with dozens of cities in California.

Precision Concrete Cutting is a leader in sidewalk asset management. We specialize in surveying sidewalk infrastructure and repairing uneven sidewalks. Our unique saw-cutting method for correcting off-set sidewalk panels leaves behind ADA-compliant results for a fraction of the cost of new concrete. Our clients benefit from detailed GIS maps that allow them to create a GIS database to cost-effectively manage their sidewalk infrastructure.

ASSESSMENT SERVICES

Precision Concrete Cutting technicians will walk every panel in the project area and visually inspect for potential tripping hazards and damage. PCC will provide a GIS-compatible report that lists each location identified including a photo, exact location, off-set height, and square foot amount for replacement locations.

PROPRIETARY MOBILE DATA COLLECTION SOFTWARE

Precision Concrete Cutting has developed proprietary mobile software that is usable across multiple platforms (Android, iPhone, iPad, Smart Phone, etc.)

- Provides GPS Coordinates – Integrates with GIS systems
- Mapping – Provides detailed location data plotted with Google Maps
- Detailed Reporting – Provides specific and detailed data on measurements for every trip hazard
- Addresses – The software gives the address and longitude/latitude of each trip hazard location
- Additional Data – Records additional sidewalk data (ie. spalling, cracks, replacement spots, and any other data you need)
- Sidewalk Asset Management – Precision Concrete Cutting offers complete sidewalk asset management



335 Beach Rd Burlingame CA 94010/ Phone: (650) 867 -8657 / Fax (650) 240-3866 / CL# 1032474

To Date, PCC has been awarded 6 patents by the US Patent and Trademark Office on our trip hazard removal equipment and process. The following is each patent description and number where they can be reviewed on the US Patent office website – www.uspto.gov

Proposal Detail ‘

Total Cost: \$32,284 will include base assessment, corner ADA ramps and curb/gutter

Base Assessment includes Street address, latitude/longitude, date/time, identification of all vertical and horizontal displacements ¼ inches and greater, max height of offset, and identification of all locations that require removal and replacement including SQFT. All data will be provided in a GIS-compatible format including Excel, KML, and/or shape files.

Streets with Sidewalks to be Inspected: All sidewalks inside of the City of Orland, a total of 46.12 sidewalk miles.

Sidewalk Assessment Menu

Add on options	Cost
Identify corners that require a pedestrian ramp or have a ramp and are out of current specifications/truncated domes (ADA 2010)	\$ 100.00
Curb and gutter	\$150.00

Precision Concrete Cutting is committed to providing the highest quality service to our clients. Should you have any questions or comments, please do not hesitate to contact us.

PCC Representative:

Ernesto Martinez

YOUR City REPRESENTATIVE:

X _____



CITY OF OROVILLE: ZONE 2 SIDEWALK ASSESSMENT PROJECT

PRESENTED TO:

THE CITY OF OROVILLE



WHO WE ARE

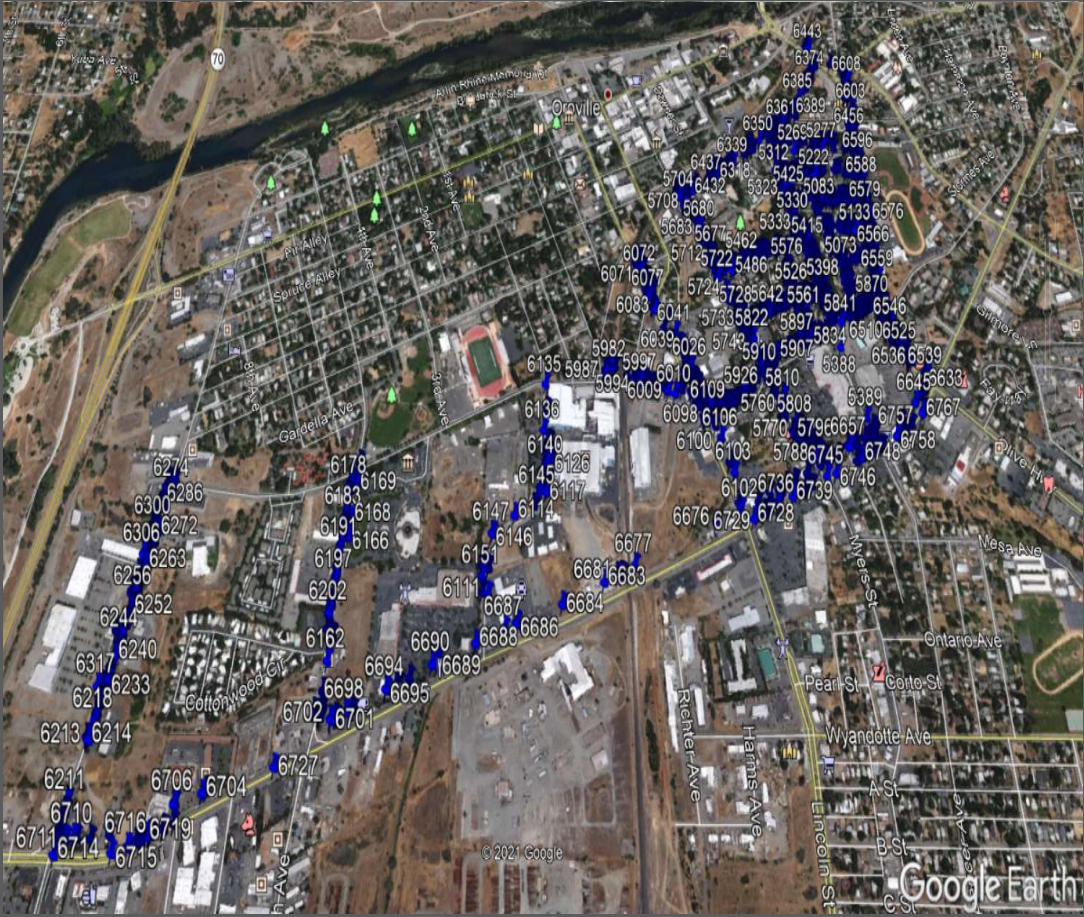
Precision Concrete Cutting is the global leader in Sidewalk Asset Management. We have numerous Franchises across North America and Canada. PCC has been awarded six patents by the US Patent & Trademark Office for our trip hazard removal equipment and unique process. Our company has worked for Municipal Governments in 48 of the 50 US States and all but two Provinces in Canada. PCC assesses hundreds of miles of sidewalk infrastructure every week and we have developed a premier Smartphone Surveying Technology which provides our clients the insight and knowledge they need to make well-informed and knowledgeable decisions about repairing their uneven sidewalk panels.

The Precision Concrete Cutting located in Northern California is independently owned and operated. We are the nation's leader and have been making sidewalks safe since 2003. With two locations throughout the Northern part of the state, we are the largest Franchise out of almost 50 Franchises. We work with numerous municipalities and thousands of Commercial, HOA, Schools, and Apartment properties. The PCC Management team has a combined trade experience of over 35 years in total. Based in Burlingame, California with another office in the Sacramento area, we are the local experts in Sidewalk Asset Management and our specialty is in complex projects with high pedestrian travel areas. In 2017 alone, PCC NorCal has repaired more than 250,000 uneven sidewalk panels leaving each one smooth, precisely cut and slip resistant.



U.S. Pat. No. 6,827,074
U.S. Pat. No. 7,000,606
U.S. Pat. No. 6,896,604
U.S. Pat. No. 7,201,644
U.S. Pat. No. 7,402,095

PROJECT SCOPE & AREA



This sidewalk uplift repair project includes:

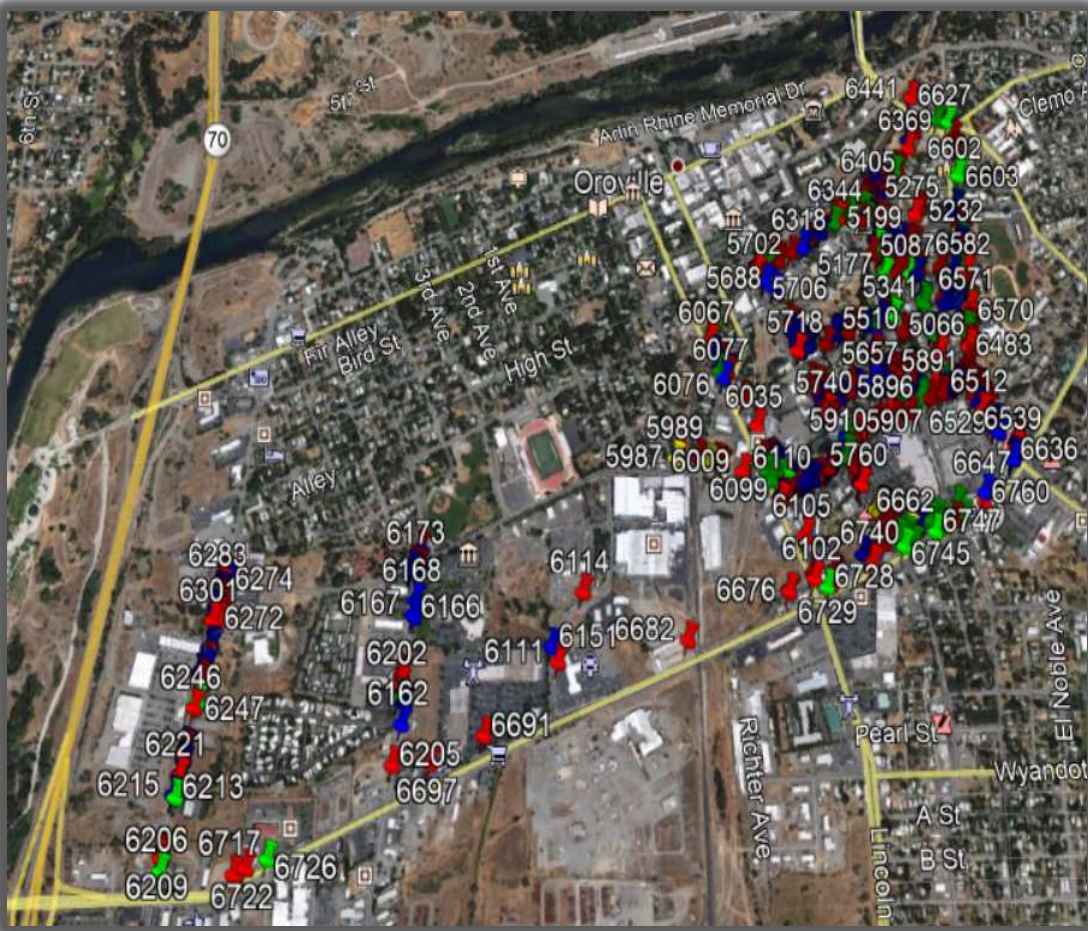
- Uplifted sidewalk panels to be repaired by saw-cutting: **1,479**
- Locations requiring additional Attention identified: **158**
- Remove & Replace locations identified: **74**
- Total Cost **\$101.495**

The specifications for this project are as follows:

- Inspect area for uneven sidewalks ½ inch and greater, curbs/gutters, corners with no ramp or domes, and sidewalk with less than 48 in. passable space
- Take site photographs
- Inventory and Document all locations that require removal and replacement

All work to be completed in 45-60 working days using our patented saw cutting technique resulting in an edge to edge repair of the sidewalk with a completely planar slope and in accordance with the Americans with Disabilities Act of 1990.

PROJECT ASSESSMENT ADD-ONS

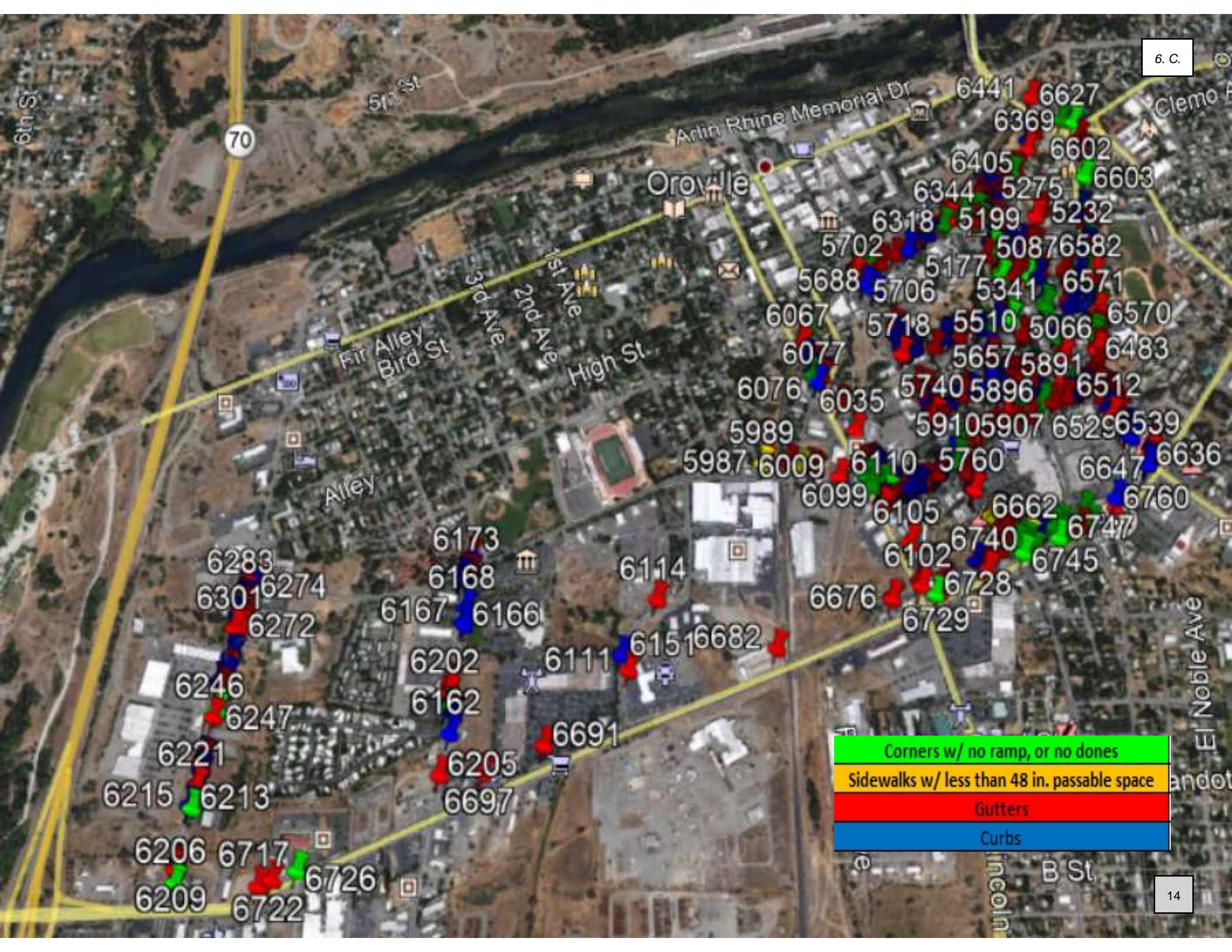


This sidewalk uplift repair project includes:

- Corners with no ramp, or no domes: 84
- sidewalks with less than 48 in. passable space 8
- gutters 239
- curbs 141

The specifications for this project are as follows:


- Inspect area for uneven sidewalks ½ inch and greater, curbs/gutters, corners with no ramp or domes, and sidewalk with less than 48 in. passable space
- Take site photographs
- Inventory and Document all locations that require removal and replacement



- Corners w/ no ramp, or no dones
- Sidewalks w/ less than 48 in. passable space
- Gutters
- Curbs



5998



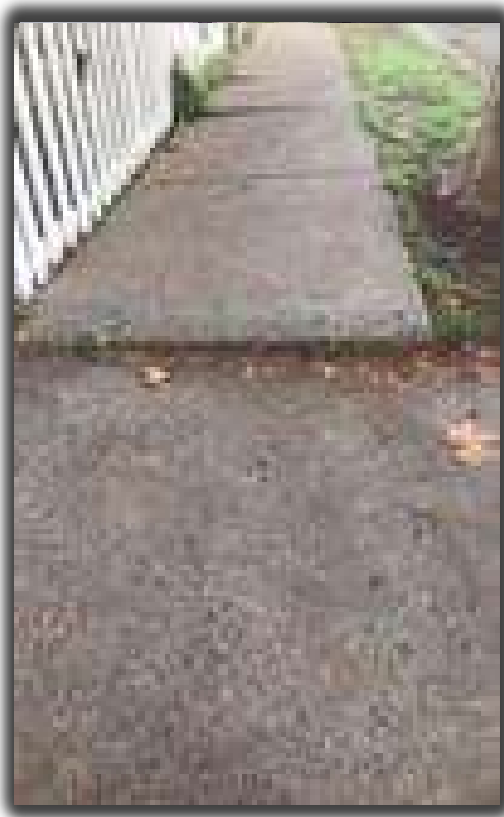
Hazard # 6721549
 H1: 13
 H2: 6

Directions: [To here](#) - [From here](#)

ACTUAL SITE PHOTOS – UNEVEN SIDEWALK PANELS



ACTUAL SITE PHOTOS – R&R LOCATIONS



SUPERIOR RESULTS



COST SAVINGS EXAMPLE

By selecting **Precision Concrete Cutting** to repair its sidewalks, **The City of Oroville** will save an estimated **\$416,155 or 80%** compared to traditional removal and replacement. Based on an average sidewalk panel size of 5 x 5 ft. and an estimated replacement cost of \$14.00 per square foot, the cost to remove and replace **1,479 off-sets** would have been **\$517,650** not including curbs & gutters.

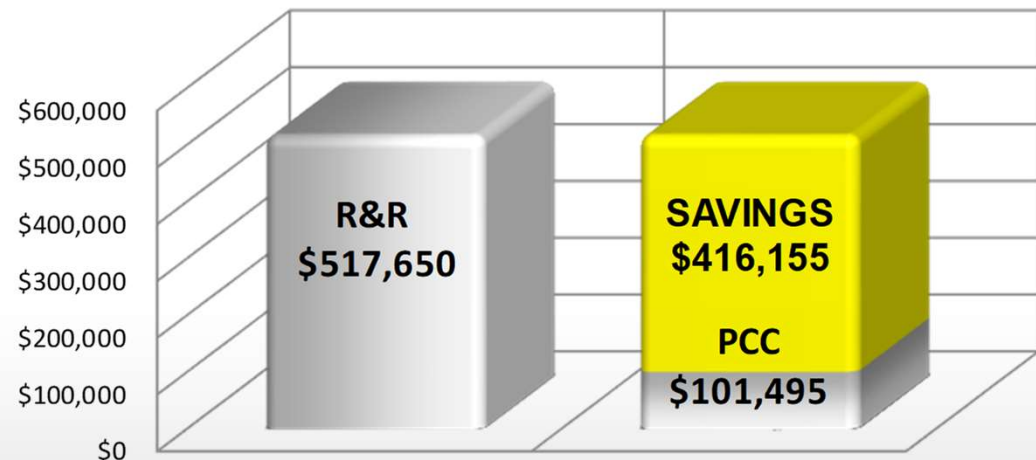
This replacement estimate takes into account:

- Cost of concrete, materials and preparation
- Labor to break up and remove existing concrete
- Labor to pour, form, level, finish, float & cut control joints
- Fuel for multiple site visits to repair or break-up, remove, pour, remove forms, and restore adjacent items
- Equipment such as a backhoe, vehicle to transport backhoe, utility vehicle, and dump truck to remove debris

Project Summary:

Total Trip Hazard Repairs		1,479
Cost Using R&R	\$	517,650
Cost Savings	\$	416,155
Cost Using		\$ 101,495

COST SAVINGS



PROJECT OPTIONS W/ CURBS

OPTION 1

1,479 Uplifted Sidewalk
Panels $\frac{1}{2}$ " and Greater
Repaired

\$101,495

OPTION 2

652 Uplifted Sidewalk
Panels $\frac{3}{4}$ " and Greater
Repaired

\$59,811

OPTION 3

307 Uplifted Sidewalk
Panels 1" and Greater
Repaired.

\$36,652

All options will be performed using our patented saw cutting technique resulting in an edge to edge repair of the sidewalk with an ADA compliant slope. HEPPA-Filtered vacuum used in process to reduce dust and debris. Complete with before and after pictures and GPS map with repair locations.

PROJECT RECOMMENDATION: 3 PHASE APPROACH



Phase 1
\$33,831.67

Phase 2
\$33,831.67

Phase 3
\$33,831.67

All phases will be performed using our patented saw cutting technique resulting in an edge to edge repair of the sidewalk with an ADA compliant slope. HEPPA-Filtered vacuum used in process to reduce dust and debris. Complete with before and after pictures and GPS map with repair locations.

ENVIRONMENTAL SAVINGS



ENVIRONMENTAL IMPACT: As a member of the U.S. Green Building Council (USGBC) we are proud of the fact that we reduce the impact to landfills and the environment as a result of our service.

Removing and replacing 100 panels would result in approximately 112,000 pounds or 56 tons of concrete being removed (average panel weight of 1120 pounds.)

Using Precision Concrete Cutting for 100 trip hazards results in 0.3 tons of concrete removed and recycled, approximately 141 gallons of gasoline saved, and a reduction of 1.3 metric tons of Co₂.

For this particular project, removing and replacing 1,479 panels would have resulted in 837.26 tons of waste concrete in landfills. By using Precision Concrete Cutting, less than 17 ½ tons of concrete is removed and everything is recycled at “SRDC”. Precision’s method saved an estimated 1,041 gallons of gasoline and prevented the release of about 9.29 metric tons of Carbon Dioxide (CO₂) gas emissions.

WATER SAVINGS



With California facing one of the most severe droughts on record, Governor Brown declared a Drought State of Emergency in January and directed state officials to take all necessary actions to prepare for water shortages. The state has continued to lead the way to make sure California is able to cope with an unprecedented drought.

According to data provided by "Concrete Construction" publication, the removal and replacement of one 6'x6'x4" sidewalk panel results in approximately 32 gallons of water consumption. Also, according to the latest USGS survey the average household uses 9,000 gallons of water per month.

For this particular project, the removal and replacement of 1,479 panels will result in approximately 19,714 gallons of water being used to pour concrete. By using the Precision Concrete Cutting DRY CUT process with HEPA filtered high-powered vacuums with no water usage.



OUR PROMISE TO YOU...

Precision Concrete Cutting uses Proprietary and Patented Cutting Technology to repair trip hazards.

Our work is GUARANTEED to offer the following benefits:

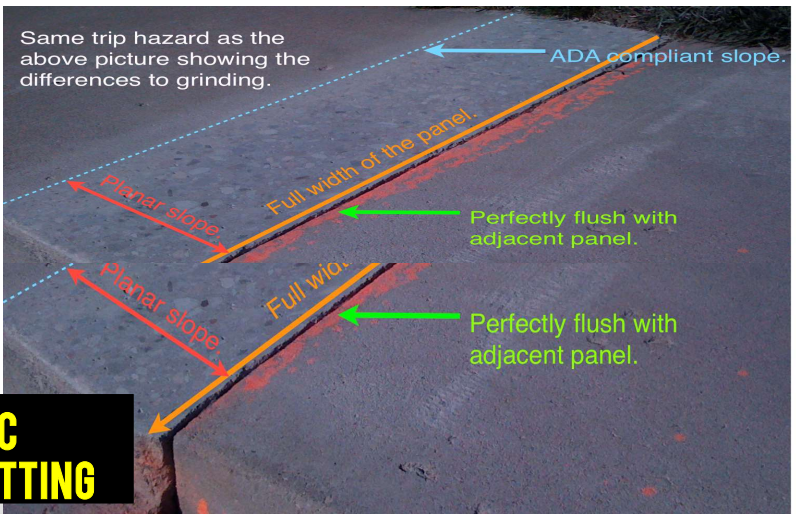
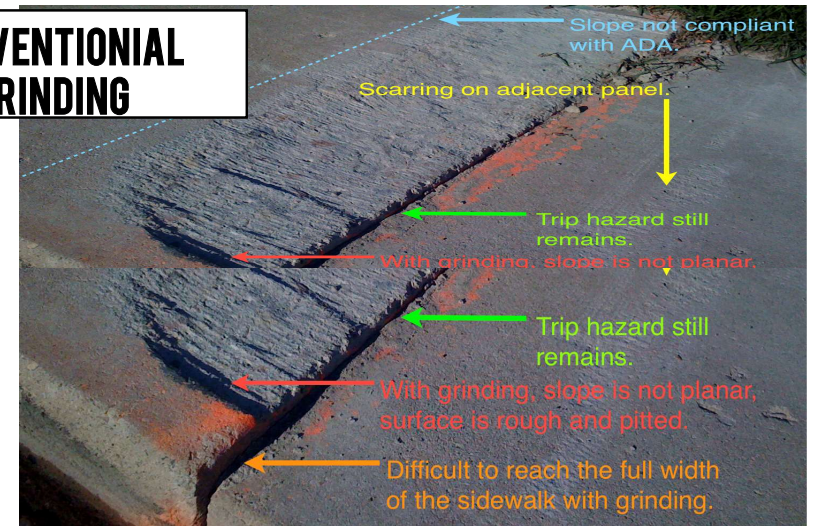
- **Cost Savings** – Remove trip hazards at a fraction of the cost of other methods.
- **ADA Compliance** – Approved and compliant with ADA standards.
- **Mapping Services** - GPS mapping integrated with Google maps.
- **Clean** – No mess left behind. Reduced resident complaints.
- **Safety** – Decrease liability on your pedestrian walkways and increase safety.
- **Detailed Reporting** – Invoices show measurements, locations, and cost for each hazard.
- **Low Impact** – Average removal time is less than 20 minutes, no sidewalk closures or incidental costs.
- **Full Service Contractor** – Sidewalk Maintenance Program consulting services.

THE PRECISION ADVANTAGE

The cost savings compared to grinding is important, but the biggest contrast is the quality, aesthetics and ADA compliance PCC Saw-Cutting Offers.

- ✓ Grinding damages the concrete in that it breaks edges, knocks out aggregate, scars adjacent panels, and creates micro cracks.
- ✓ Grinding leaves the area looking rough, unfinished, and highlights the uneven scarring.
- ✓ Grinding doesn't comply with the ADA slope requirements.
- ✓ Has absolutely no cost advantage. Very often MORE expensive.
- ✓ Due to it's design, is unable to maneuver and remove hazards next to objects/obstacles.
- ✓ Faces extremely difficulty on removing small trip hazards (under 3/8") and larger trip hazards (over 1 inch).
- ✓ Overall, an unnecessarily slow process that generates a large amount of residual dust.

CONVENTIONAL GRINDING



PCC SAWCUTTING

