



EXECUTIVE PROPOSAL

PAUL LUNDHOLM OF MOUNT DIABLO UNIFIED SCHOOL DISTRICT SIDEWALK INSPECTION & REPAIR PROJECT

CLAYTON VALLEY CHARTER HIGH SCHOOL



**PRECISION CONCRETE
CUTTING**
335 Beach Road
Burlingame, CA 94010

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**PRECISION CONCRETE
CUTTING**
1425 N. Market Blvd.
Sacramento, CA 95834



PROJECT SCOPE & AREA



All work is to be completed in (12-13) 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.

The sidewalk uplift repair project identified:

- Uplifted Sidewalk Panels for Saw-Cutting Repair: **385**
 - Locations requiring additional Attention: **62**
 - Locations identified as Remove & Replace: **1**
- (Not included in PCC scope of work and will not be repaired by PCC)
- Total Cost Savings compared to Remove & Replace: **\$40,693**
 - Precision Concrete Cutting Cost of Service: **\$59,659.00**

The specifications for this project are as follows:

- Repair all sidewalk uplifts measured between **1/4"** and **2"** high
- Geographically Map all locations repaired
- Collect Before & After Photos



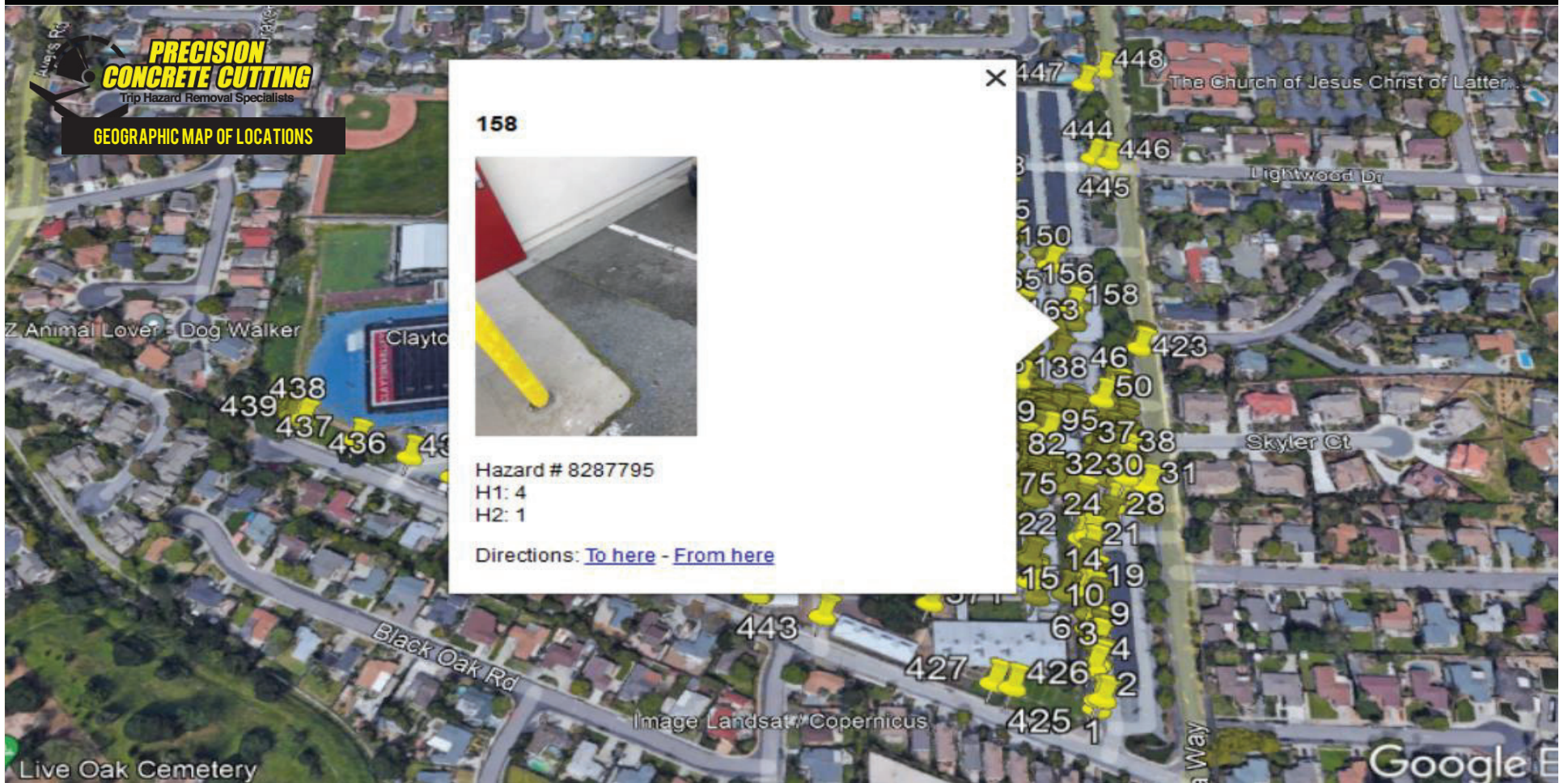
CONCORD, CA, USA



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EXECUTIVE PROPOSAL

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COLLEGE PARK HIGH SCHOOL



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335 Beach Road
Burlingame, CA 94010

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PRECISION CONCRETE
CUTTING
1425 N. Market Blvd.
Sacramento, CA 95834



PROJECT SCOPE & AREA



All work is to be completed in (12-13) 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.

The sidewalk uplift repair project identified:

→ Uplifted Sidewalk Panels for Saw-Cutting Repair:	421
→ Locations requiring additional Attention:	35
→ Locations identified as Remove & Replace:	7
(Not included in PCC scope of work and will not be repaired by PCC)	
→ Total Cost Savings compared to Remove & Replace:	\$50,412
→ Precision Concrete Cutting Cost of Service:	\$68,300.50

The specifications for this project are as follows:

- Repair all sidewalk uplifts measured between **1/4"** and **2"** high
- Geographically Map all locations repaired
- Collect Before & After Photos



PLEASANTHILL, CA, USA



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EXECUTIVE PROPOSAL

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HIGHLANDS ELEMENTARY SCHOOL



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Burlingame, CA 94010

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**PRECISION CONCRETE
CUTTING**
1425 N. Market Blvd.
Sacramento, CA 95834



PROJECT SCOPE & AREA



All work is to be completed in (10-11) 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.

The sidewalk uplift repair project identified:

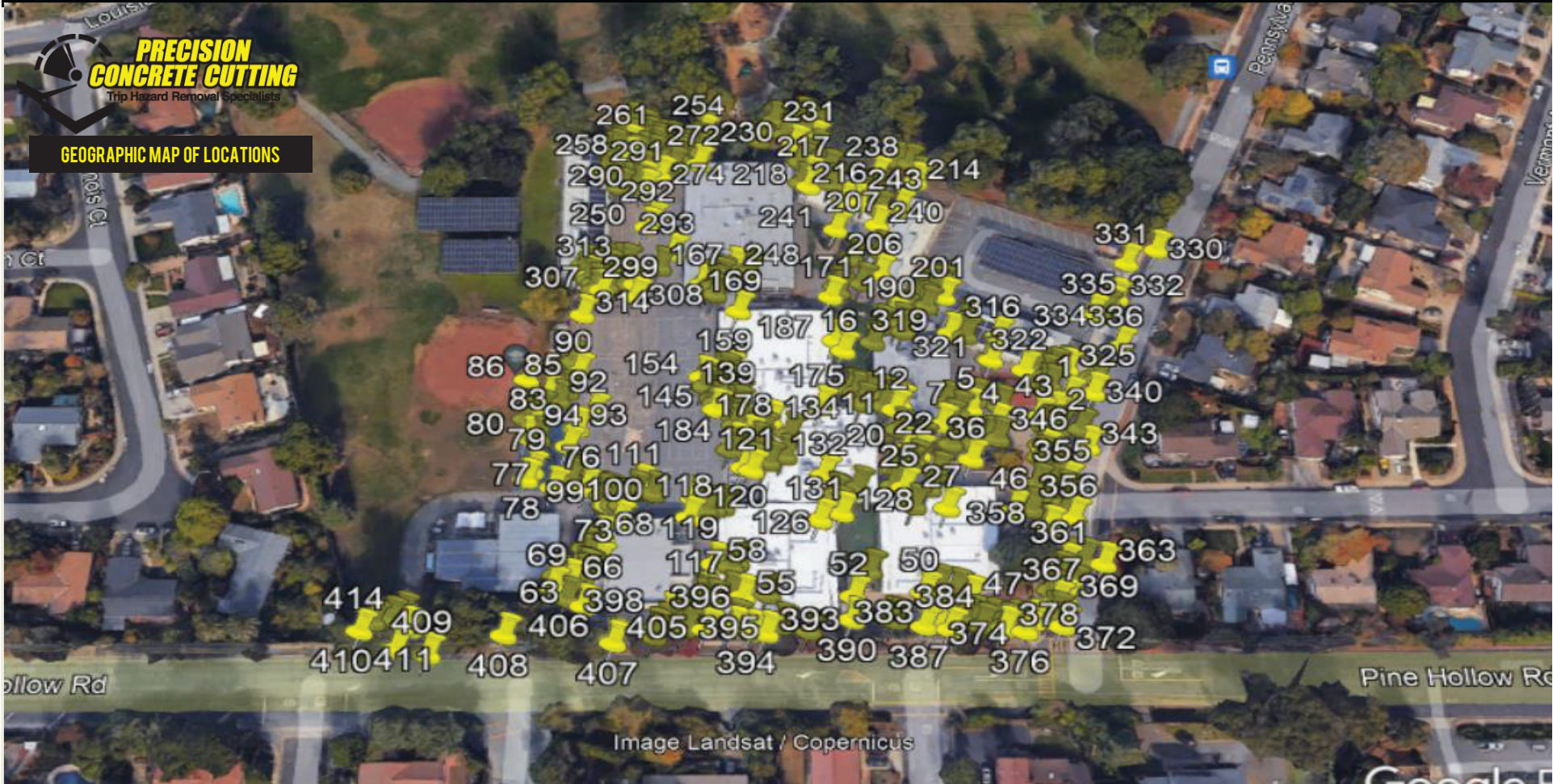
- Uplifted Sidewalk Panels for Saw-Cutting Repair: **402**
 - Locations requiring additional Attention: **29**
 - Locations identified as Remove & Replace: **4**
- (Not included in PCC scope of work and will not be repaired by PCC)
- Total Cost Savings compared to Remove & Replace: **\$50,540**
 - Precision Concrete Cutting Cost of Service: **\$46,900.50**

The specifications for this project are as follows:

- Repair all sidewalk uplifts measured between **1/4"** and **2"** high
- Geographically Map all locations repaired
- Collect Before & After Photos



CONCORD, CA, USA



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EXECUTIVE PROPOSAL

PAUL LUNDHOLM OF MOUNT DIABLO UNIFIED SCHOOL DISTRICT SIDEWALK INSPECTION & REPAIR PROJECT

WESTWOOD ELEMENTARY



PRECISION CONCRETE
CUTTING
335 Beach Road
Burlingame, CA 94010

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PRECISION CONCRETE
CUTTING
1425 N. Market Blvd.
Sacramento, CA 95834



PROJECT SCOPE & AREA



All work is to be completed in (4-5) 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.

The sidewalk uplift repair project identified:

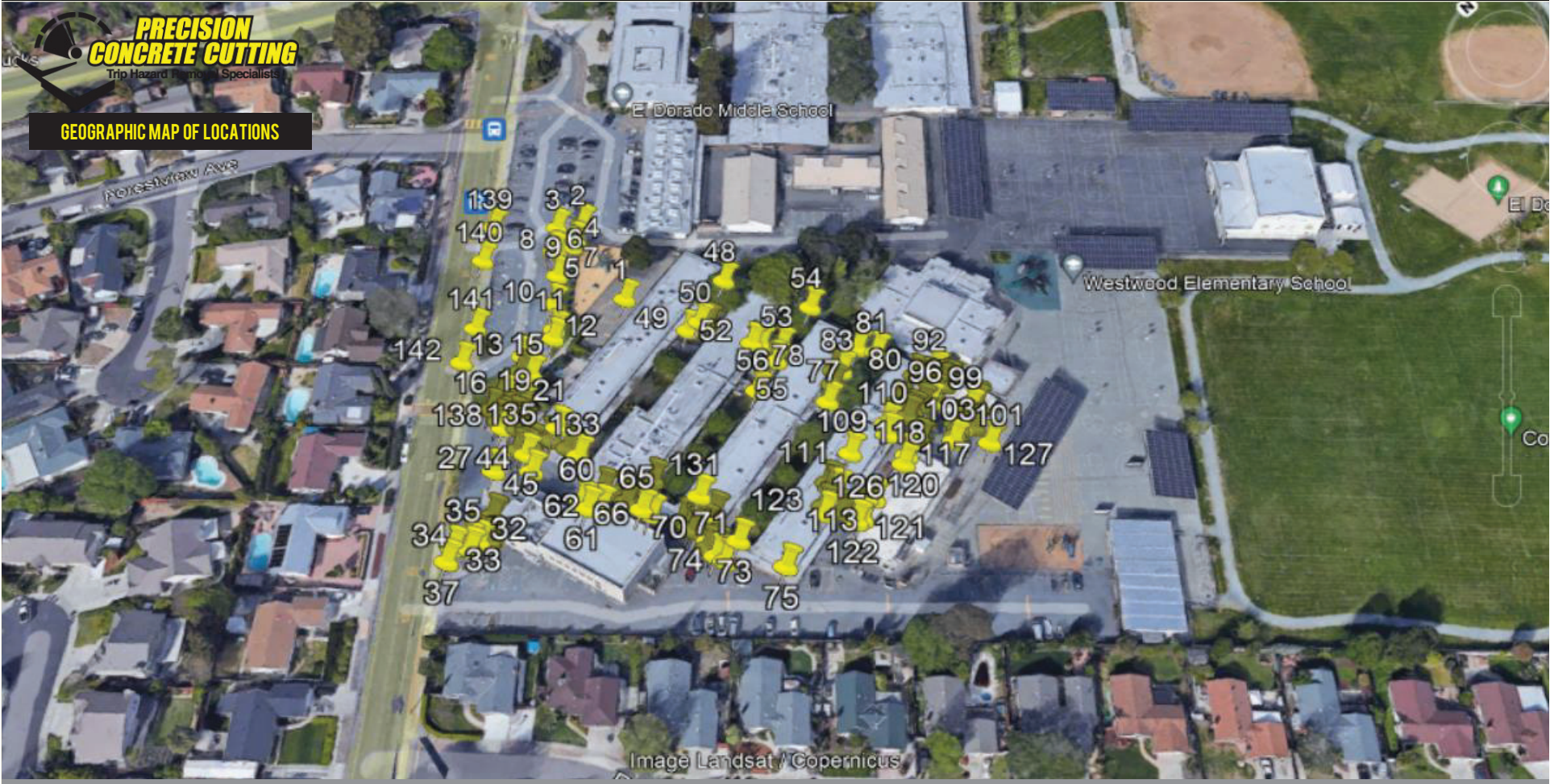
- Uplifted Sidewalk Panels for Saw-Cutting Repair: **140**
 - Locations requiring additional Attention: **0**
 - Locations identified as Remove & Replace: **2**
- (Not included in PCC scope of work and will not be repaired by PCC)
- Total Cost Savings compared to Remove & Replace: **\$13,139**
 - Precision Concrete Cutting Cost of Service: **\$18,669.00**

The specifications for this project are as follows:

- Repair all sidewalk uplifts measured between **1/4"** and **2"** high
- Geographically Map all locations repaired
- Collect Before & After Photos



CONCORD, CA, USA



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CONCORD, CA, USA

PRECISION CONCRETE CUTTING
Trip Hazard Removal Specialists

GEOGRAPHIC MAP OF LOCATIONS

139 3 2
140 8 9 6 4
5 7
141 10 11
12
142 13 15
16 19 21
138 135 133
27 44 60
45 62
35 32 61
34 33
37

E Dorado Middle School
Wood Elementary School

Roland Dr

Google Earth

133



Hazard # 8339135
H1: 5
H2: 0

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

Image Landsat / Copernicus

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EXECUTIVE PROPOSAL

PAUL LUNDHOLM OF MOUNT DIABLO UNIFIED SCHOOL DISTRICT SIDEWALK INSPECTION & REPAIR PROJECT

WOODSIDE ELEMENTARY SCHOOL



**PRECISION CONCRETE
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**PRECISION CONCRETE
CUTTING**
1425 N. Market Blvd.
Sacramento, CA 95834



PROJECT SCOPE & AREA



All work is to be completed in **(10-11)** 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.

The sidewalk uplift repair project identified:

- Uplifted Sidewalk Panels for Saw-Cutting Repair: **535**
 - Locations requiring additional Attention: **30**
 - Locations identified as Remove & Replace: **4**
- (Not included in PCC scope of work and will not be repaired by PCC)
- Total Cost Savings compared to Remove & Replace: **\$80,293**
 - Precision Concrete Cutting Cost of Service: **\$47,163.50**

The specifications for this project are as follows:

- Repair all sidewalk uplifts measured between **1/4"** and **2"** high
- Geographically Map all locations repaired
- Collect Before & After Photos



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CONCORD, CA, USA

PRECISION CONCRETE CUTTING
Trip Hazard Removal Specialists

GEOGRAPHIC MAP OF LOCATIONS

244

Hazard # 8274819
H1: 8
H2: 2

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

Image Landsat / Copernicus

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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.

- 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

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.





SUPERIOR RESULTS



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ENVIRONMENTAL CONSERVATION



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 sidewalk repair project, removing and replacing all 569 panels would have resulted in 207 tons of waste concrete in landfills. By using Precision Concrete Cutting, less than 1.65 tons of concrete was removed, and everything is recycled at "SRDC". Precision's method saved an estimated 329 gallons of gasoline and prevented the release of about 2.93 metric tons of Carbon Dioxide (CO2) gas emissions.

WATER CONSERVATION



"Our changing climate requires Californians to move beyond temporary emergency drought measures and adopt permanent changes to use water more wisely and prepare for more frequent and persistent periods of limited water supply. Conservation and efficiency also reduce the energy needed to pump, transport, treat and deliver water. Your small changes make a big impact. Only by working together can we improve and sustain the state's water future for generations to come."

- Source: <https://www.waterboards.ca.gov/>

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 sidewalk repair project, the removal and replacement of all **569** panels will result in approximately **8,085** gallons of water being used to pour concrete.*

Precision Concrete Cutting utilizes a DRY-CUT process accompanied with HEPA filtered, high-power vacuums with no water usage.





OUR PROMISE TO YOU...

**Precision
Concrete
Cutting**
makes use of
*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/Earth.
- **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 Consultation Services.

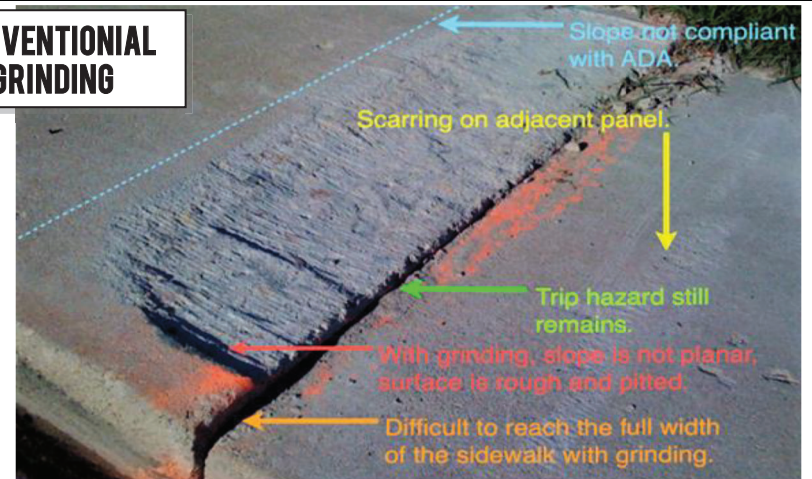
THE PRECISION ADVANTAGE

The cost savings compared to grinding is important, but the biggest contrast is the **Quality, Aesthetics and ADA Compliance** PCC Saw-Cutting Offers.

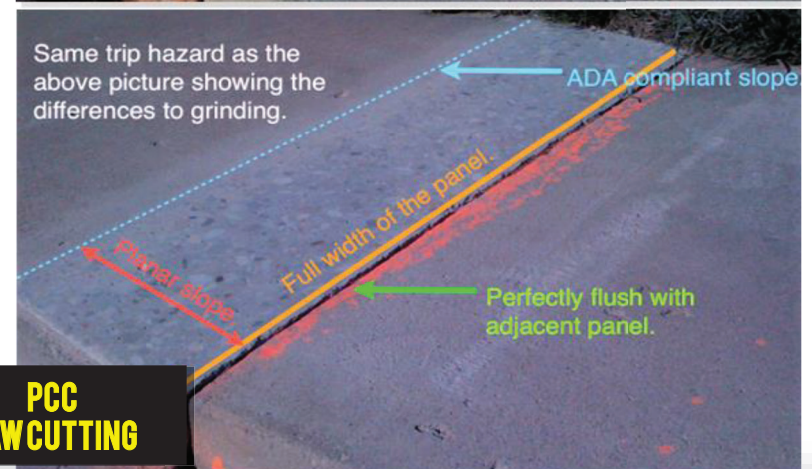
Grinding Limitations:

- Damages the concrete in that it breaks edges, knocks out aggregate, scars adjacent panels, and creates micro cracks.
- Leaves the area looking rough, unfinished, and highlights the uneven scarring.
- Does not comply with the ADA slope requirements.
- Absolutely no cost advantage. Very often MORE expensive.
- Due to its 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



Same trip hazard as the above picture showing the differences to grinding.



PCC SAWCUTTING