

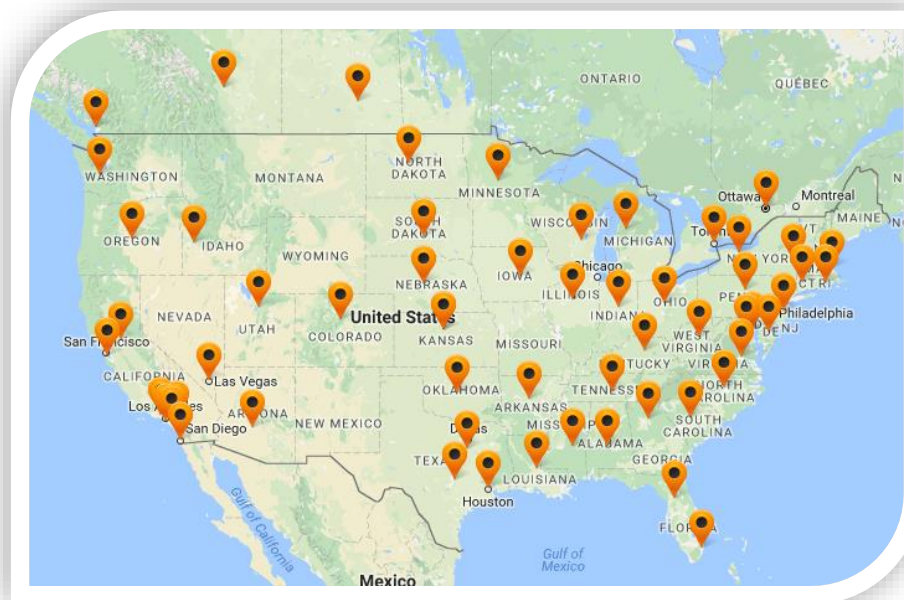
CITY OF FORT BRAGG SIDEWALK ASSESSMENT & REPAIR YEAR 2024



WHO WE ARE

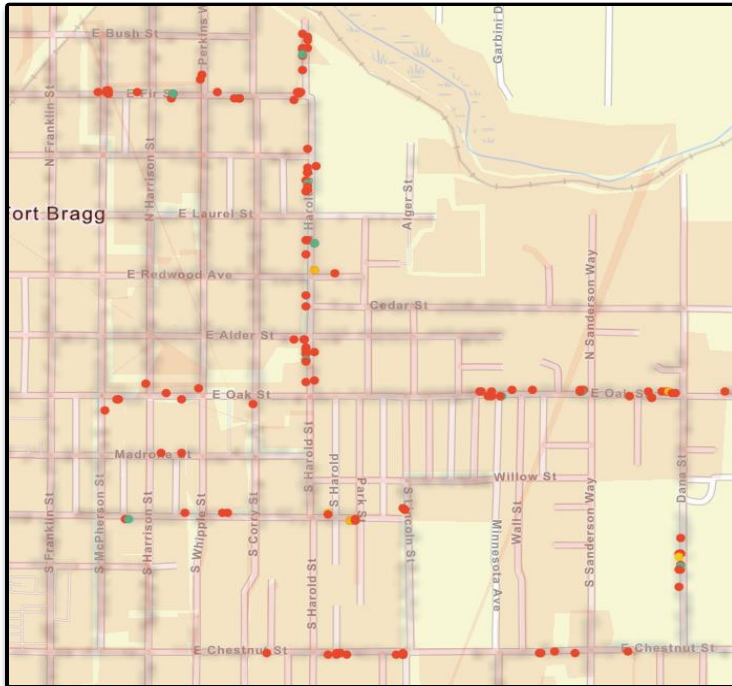
Precision Concrete Cutting is the global leader in Sidewalk Asset Management. We have numerous Franchises across North America and Canada. PCC has been awarded six patents by the US Patent & Trademark Office for our trip hazard removal equipment and unique process. Our company has worked for Municipal 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.



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



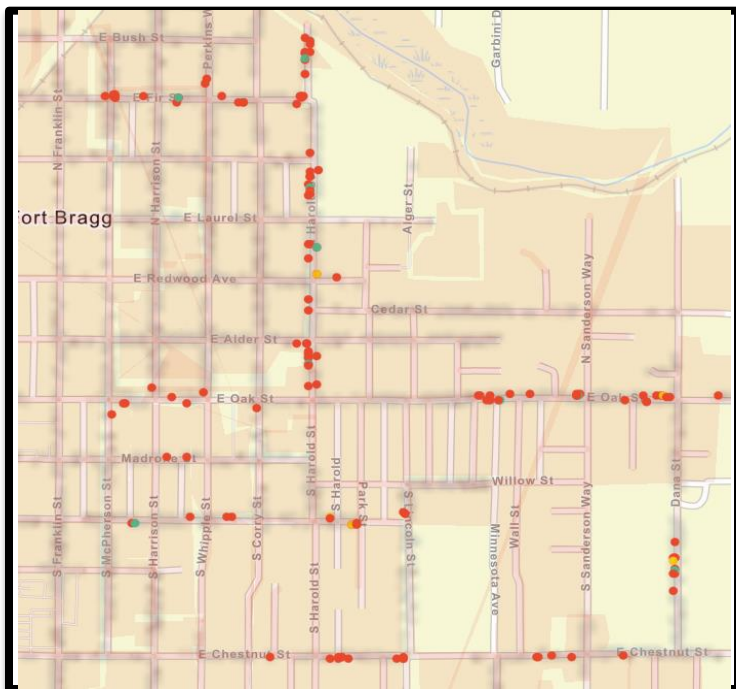
Scope and Specifications:

- Perform assessment and repair of sidewalks around **Fort Bragg**
- Repair vertical changes in level $\frac{1}{4}$ " to 2" leaving an ADA compliant slope behind
- Identify locations for concrete removal and replacement
- Photographs of each location
- Provide GIS and Excel report
- Repair recommendations and quantities

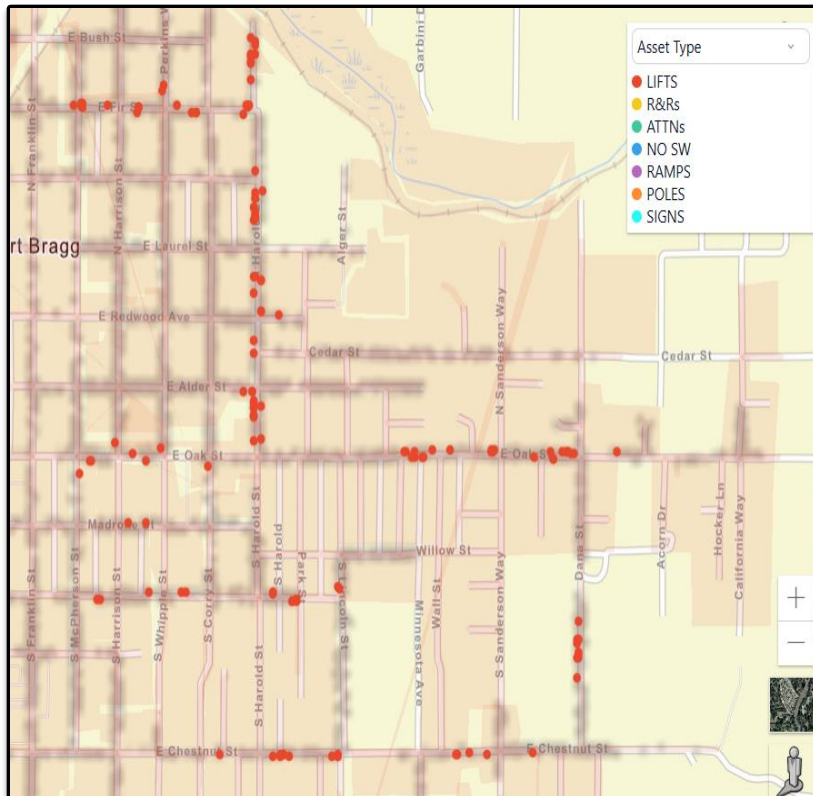
PCC REPAIR SUMMARY

Metrics

- 139 repairs
- Cost per repair \$ 176.63
- Total Cost: \$ 24,552.23



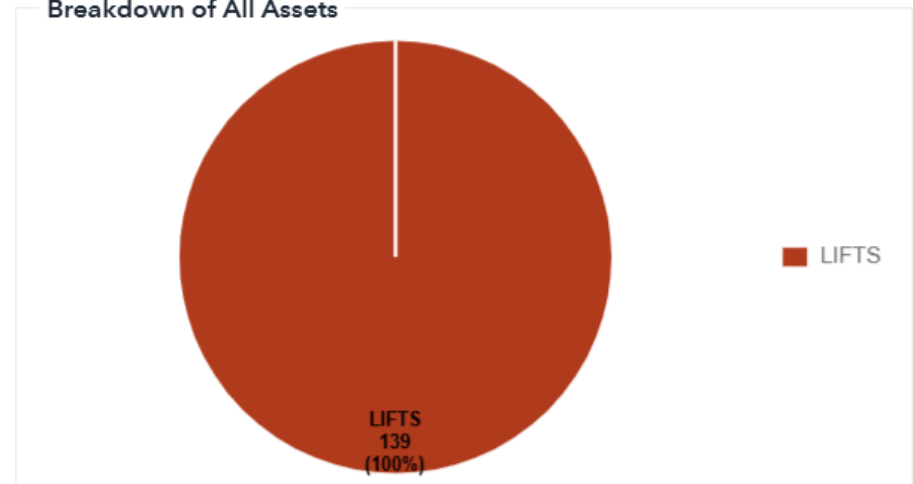
REPAIR AND ASSESSMENT SUMMARY



This sidewalk assessment identified the following :

- Lifted sidewalk panels to be repaired by saw-cutting: **139**
- Removal & Replacement (R&R) : **0** locations, **0** SQFT
- Miscellaneous Repairs (ATTN): **0**

Breakdown of All Assets



SIDEWALKS VERTICAL DISPLACEMENT REPAIRS



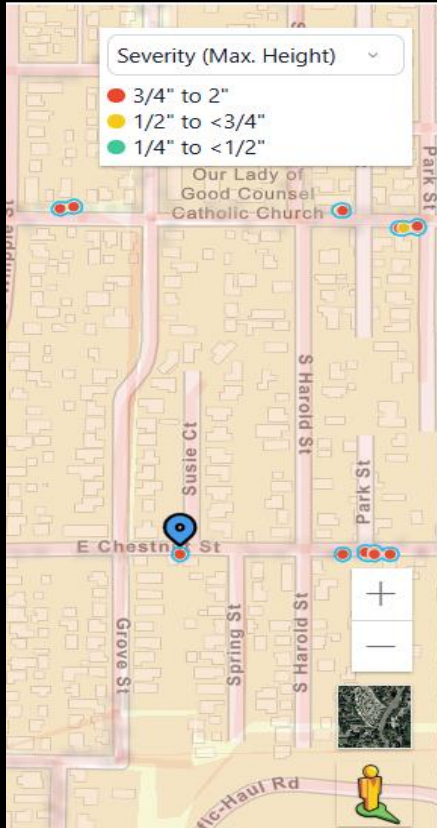
Metrics

- Number of addresses **73**
- Number of Assets **139** lifts
- **578.38** InFt
- Cost per Address **\$ 336.33**
- Cost per Repair **\$176.63**


CITY OF FORT BRAGG SITE PHOTOS (LIFT)

Severity (Max. Height) ▾

- 3/4" to 2"
- 1/2" to <3/4"
- 1/4" to <1/2"



562 E Chestnut St
Fort Bragg, California
[View on Google Maps](#)



LIFT #598-00524

[Zoom To](#)
570 E Chestnut St
Fort Bragg, CA 95437

Sidewalk Type	CSW
Situation	On Curb
Max Height	12/8"
Min Height	3/8"
Length	9ft
Unit	8.44 InFt
Repair:	
Cost	\$358.28
Priority	-
Status	-

Repair 12/4/24, 1:29 PM
Roger Jerez*

Activities

> Assessment	Completed	1/12/2024	
> Repair	Completed	12/4/2024	

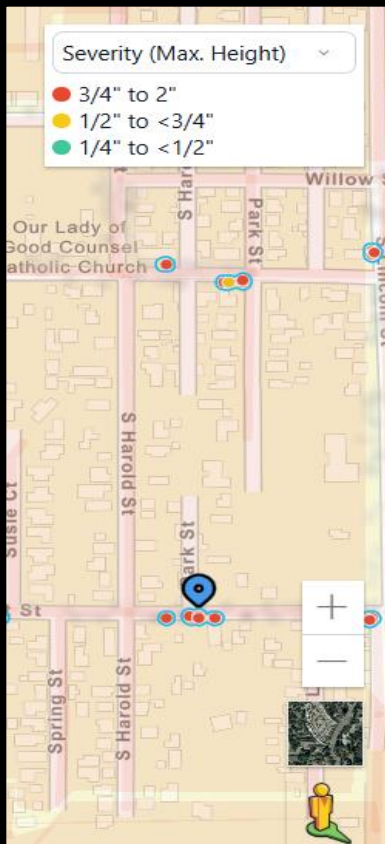
Properties ☐ Show all

ID #	598-00524
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CITY OF FORT BRAGG SITE PHOTOS (LIFT)

Severity (Max. Height) ▾

- 3/4" to 2"
- 1/2" to <3/4"
- 1/4" to <1/2"



715 E Chestnut St
Fort Bragg, California
[View on Google Maps](#)



LIFT #598-00558

[Zoom To](#)

726 E Chestnut St
Fort Bragg, CA 95437

Sidewalk Type	CSW
Situation	On Curb
Max Height	8/8"
Min Height	0
Length	54.5ft
Unit	27.25 InFt

Repair:

Cost	\$1,156.76
Priority	-
Status	-

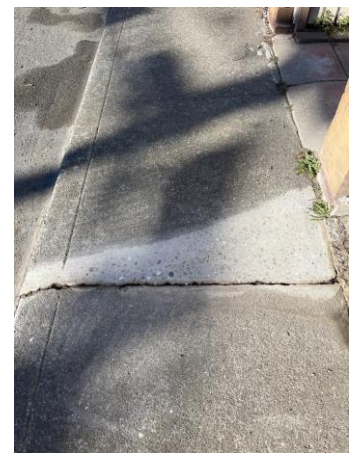
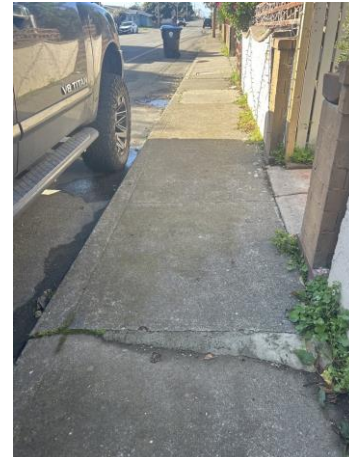
Activities

> Assessment	Completed	1/12/2024	
> Repair	Completed	10/18/2024	

Properties ☐ Show all

ID #	598-00558
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REPAIR BEFORE AND AFTER PHOTOS



SAVING METRICS

Estimated Savings



Cost



Concrete Disposal



CO₂ Emissions



Water Usage



Trees at Risk



SAVING METRICS

3/20/25, 2:54 PM

DataWorks - Right-of-Way Asset Management



DASHBOARD • LIFTS

City of Fort Bragg
3/20/25, 2:53 PM

Savings provided by PCC (Concrete Shaving) vs. R&R (Concrete Removal and Replacement)

Dataset

Total 6,556 • Displayed 139 • Selected 139

Active filters for displayed assets (139):

Job # 2024.9.6.A.RH

Repair Status Completed

A subset of 139 assets was manually selected for this report

As a member of the U.S. Green Building Council (USGBC), PCC is proud to significantly reduce the impact of sidewalk repairs on the environment.



Cost (estimated)



Benefits:

With 76% cost savings, PCC is **4.2x more cost effective** than R&R. In other terms, PCC either:

- Decreases repair cost by 4.2x for same repair scope.
- Increases repair scope by 4.2x for same repair cost.

NB: The additional cost savings associated with trees that would otherwise require root pruning or full removal (see section at the bottom right corner) are not included in the above numbers.

Concrete Disposal (estimated)



Benefits:

- 128 US tons of concrete represents ~6 truck loads of concrete saved.
- This saving also avoids the negative effects of heavy trucking, such as decreased air quality, traffic congestions, damaged roads and increased infrastructure repair and maintenance needs.

CO₂ Emission (estimated)



Benefits:

Saving 21 metric tons ("mt") of CO₂ emissions is equivalent to any of:

- Saving the yearly CO₂ emissions of 4 US passenger vehicles.
- Saving the CO₂ emissions of one person flying 84.0k miles in a commercial airplane, or ~3 times around the world.
- The amount of CO₂ absorbed by ~22,572 trees in one year, or by ~568 trees over their lifetime (~40 years).

NB: Concrete manufacturing is responsible for 7% to 8% of global CO₂ emissions, primarily due to the cement production process.

Water Usage (estimated)



Benefits:

Saving 1,941 Gallons of water is equivalent to either:

- Saving the water consumption of 1 US household for 6 days.
- Saving the water contained in ~0 backyard swimming pools.

NB: The amount of water required to manufacture cement for R&R is often very significant but varies and the associated additional water savings are not included in this calculation.

Trees at Risk (estimated)



Benefits:

- Trees are essential to urban areas. They allow air purification, carbon sequestration, better stormwater management, cooler environments in the summer, greater visual appeal, and additional recreation spaces.
- Removing trees implies an additional cost of \$500-\$2500 per tree, which means that PCC provides an additional cost saving of up to \$10.0k.



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.