



Courthouse Square Bollards Project Update

Downtown Subcommittee

February 4, 2021

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PURPOSE

- ▶ Protect against an “intentional act” by those seeking to cause harm
- ▶ Save lives and prevent injuries caused by vehicle accidents adjacent to the sidewalk
- ▶ Reduce medical emergencies where the driver loses control and enters the sidewalk area

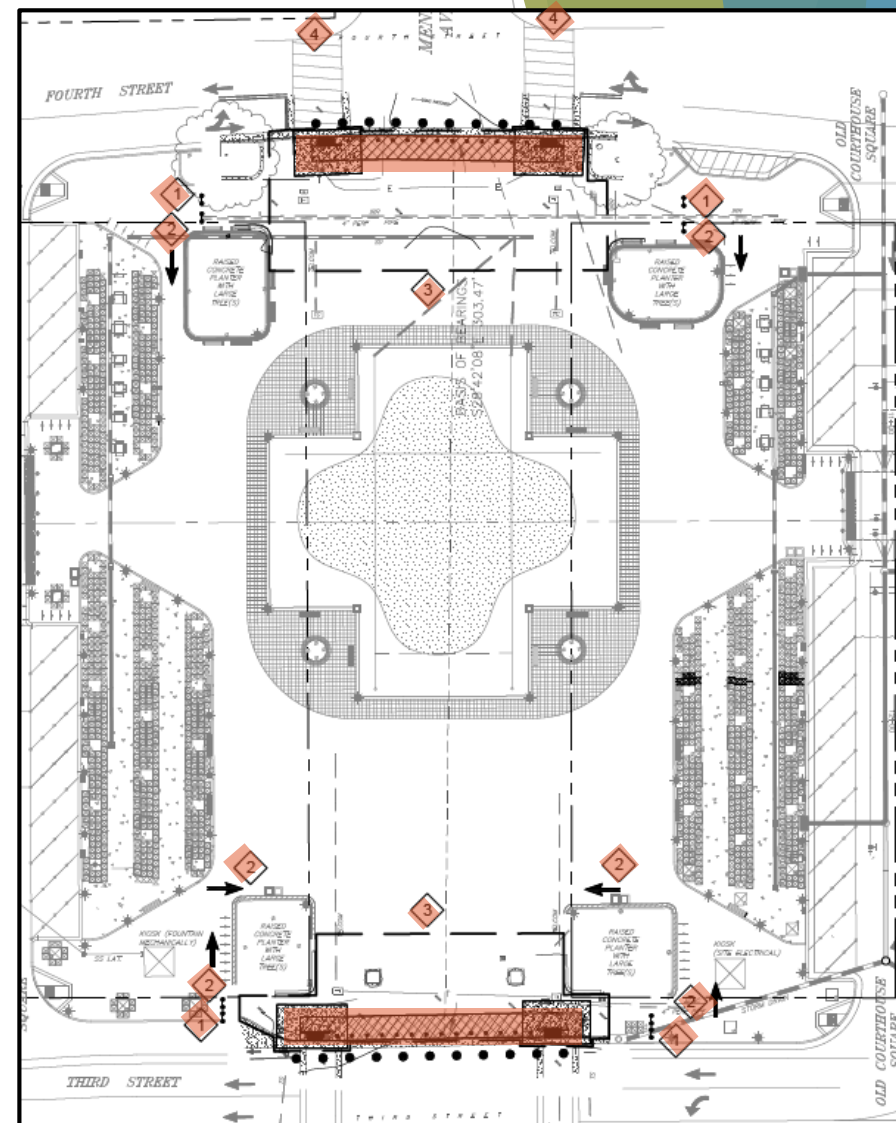
TIMELINE

- ▶ **July 2019** - Project update to subcommittee
- ▶ **January 2020** - Design-Build proposals received
- ▶ **March 2020** - Contract awarded to M3 Integrated Services, Inc. of Santa Rosa, CA
- ▶ **February 2021** - Design complete
- ▶ **March 2021** - Construction scheduled to begin



PROJECT SCOPE

- ▶ Construct two 85-foot-long traffic-rated bollard arrays
- ▶ Bollard height and spacing: 54" and 60"
- ▶ Replace curb ramps on the Square along 3rd and 4th Streets
- ▶ Two curb ramps at north side of 4th Street and Mendocino Avenue
- ▶ One curb ramp at southwest corner of Courthouse Square West and 4th Street



DESIGN CONSIDERATIONS

- ▶ Color & Finish
 - ▶ Jet Black - Powder Coat
 - ▶ Smooth Finish
 - ▶ Reflective Tape
- ▶ Top Style
 - ▶ Slant
- ▶ Existing permeable pavers will be replaced in kind
- ▶ Shallow Foundation
 - ▶ Approx. 18" thick

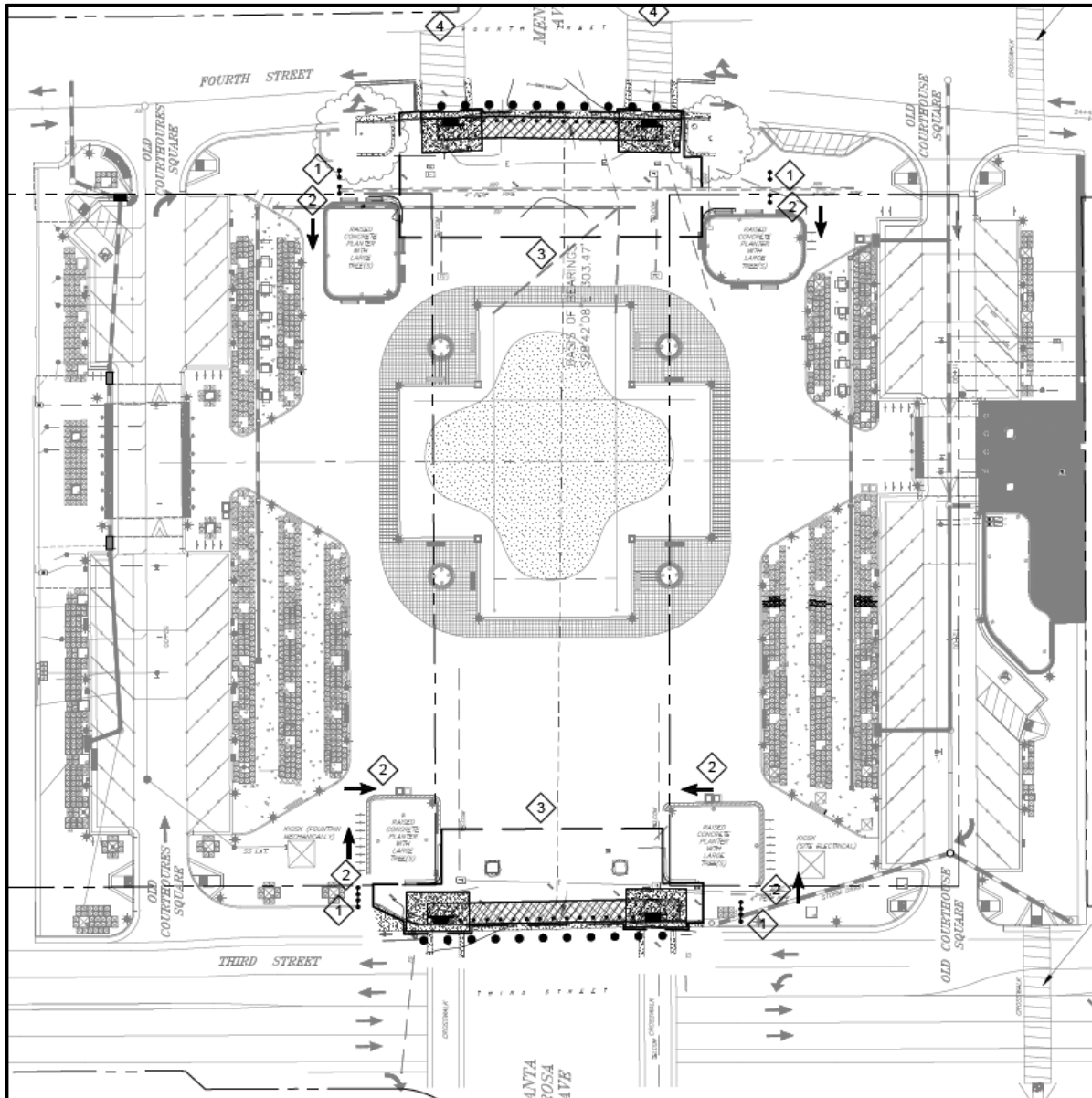


CONSTRUCTION CONSIDERATIONS

- ▶ Work area
 - ▶ Bollards
 - ▶ Curb ramps outside of the Square
- ▶ Traffic Control
 - ▶ Vehicle Traffic
 - ▶ Pedestrian Traffic
- ▶ Surrounding Businesses



CONSTRUCTION CONSIDERATIONS





QUESTIONS?