



CITY OF  
**EL SEGUNDO**

# REPAIR OF DISTRESSED WALLS AND SURFACES AT RECREATION PARK

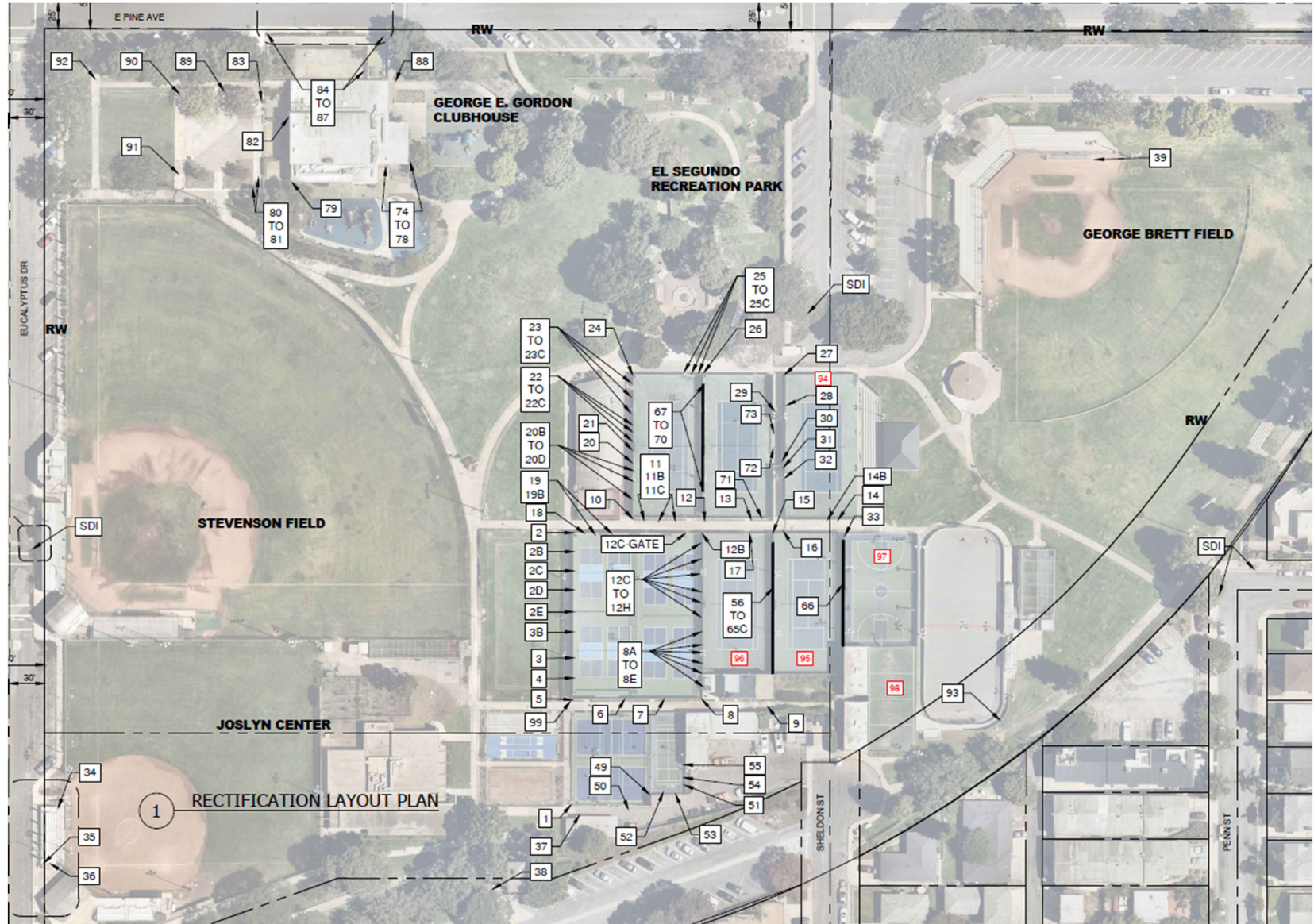
**PW 25-05**

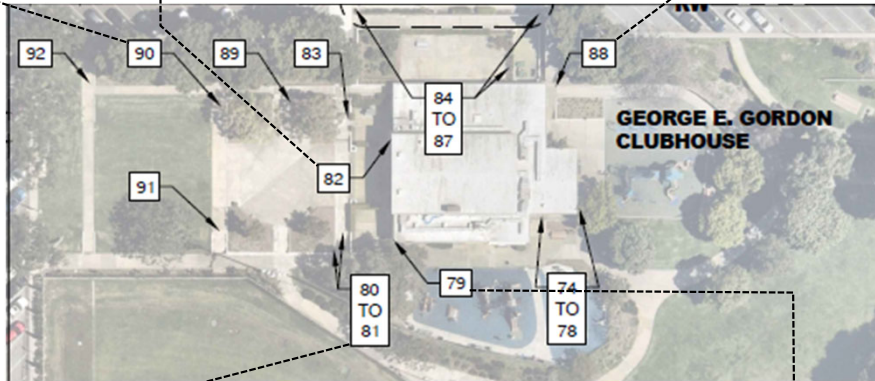
# General Overview

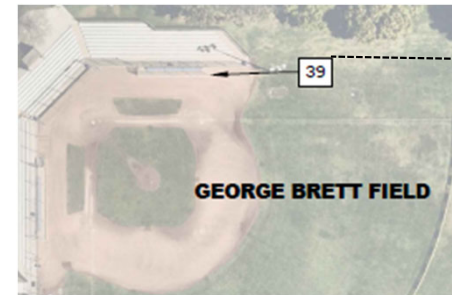
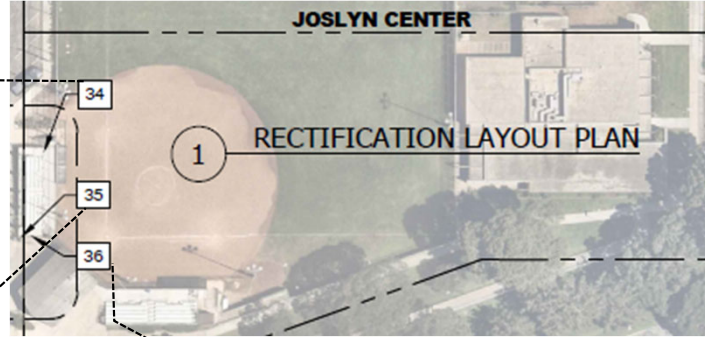
This project will repair and reconstruct distressed walls and court surfaces throughout Recreation Park to improve safety, extend facility life, and maintain compliance with building standards

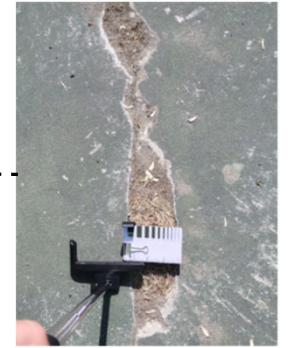
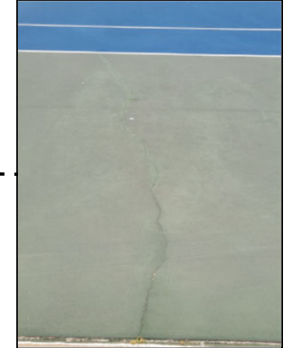
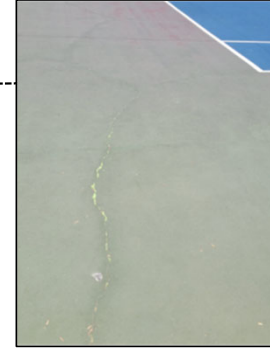
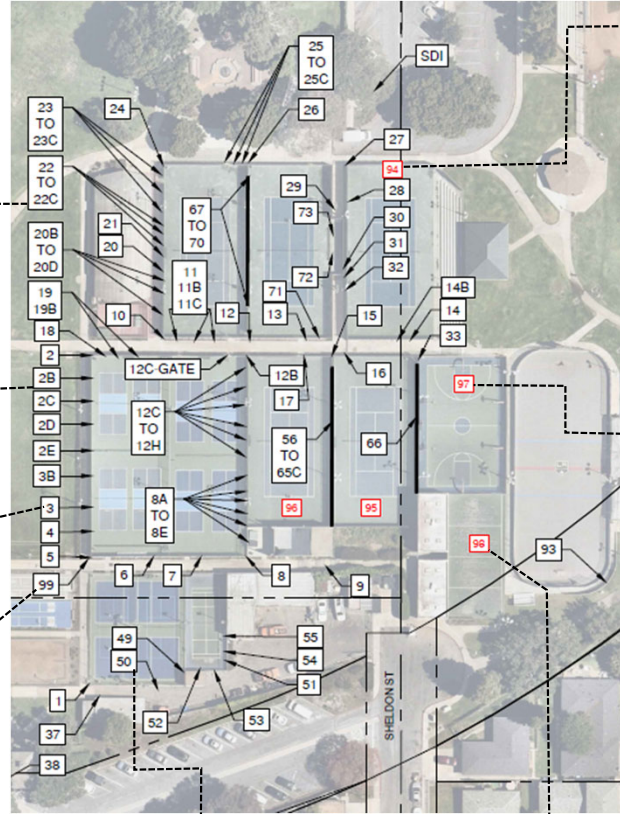
1. 93+ repair locations across tennis, pickleball, paddleball, basketball, volleyball courts, bleachers, clubhouse areas, and stairways.
  - i. Work Includes: removal of damaged concrete, rebar repair, concrete replacement, crack and spall repair methods (epoxy, flood coat, injection)
2. 50 Working days
3. Cost Estimate: \$950,000

# Location of Distress









# Court Crack Repair Procedure : Vertical & Horizontal Face

- i. Cracks let in water and weaken the concrete over time
  - i. Small cracks: sealed with liquid epoxy to bond concrete
  - ii. Larger cracks: cleaned and filled with stronger repair material
    - i. Methods:
      - i. Gravity fill (epoxy sinks in naturally)
      - ii. Flood coat (spread to seal many fine cracks)
      - iii. Injection (pump epoxy into deeper cracks)
    - ii. Goal: stop water intrusion, strengthen walls, and extend life of courts

