



COURTHOUSE SQUARE BOLLARDS

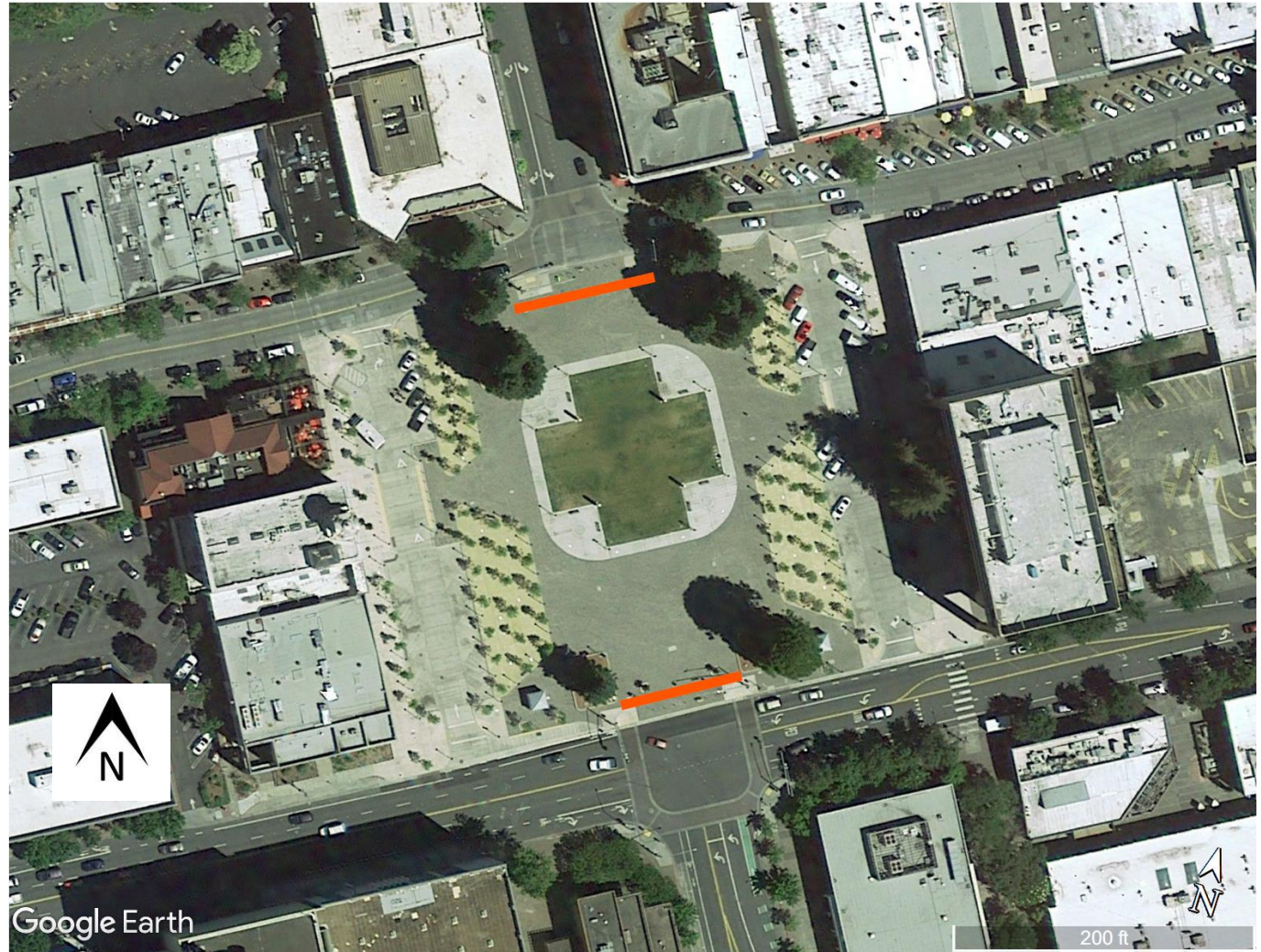
PROJECT UPDATE

GRANT BAILEY – ASSOCIATE
CIVIL ENGINEER, TPW

ERICH RAUBER – SUPERVISING
ENGINEER, TPW

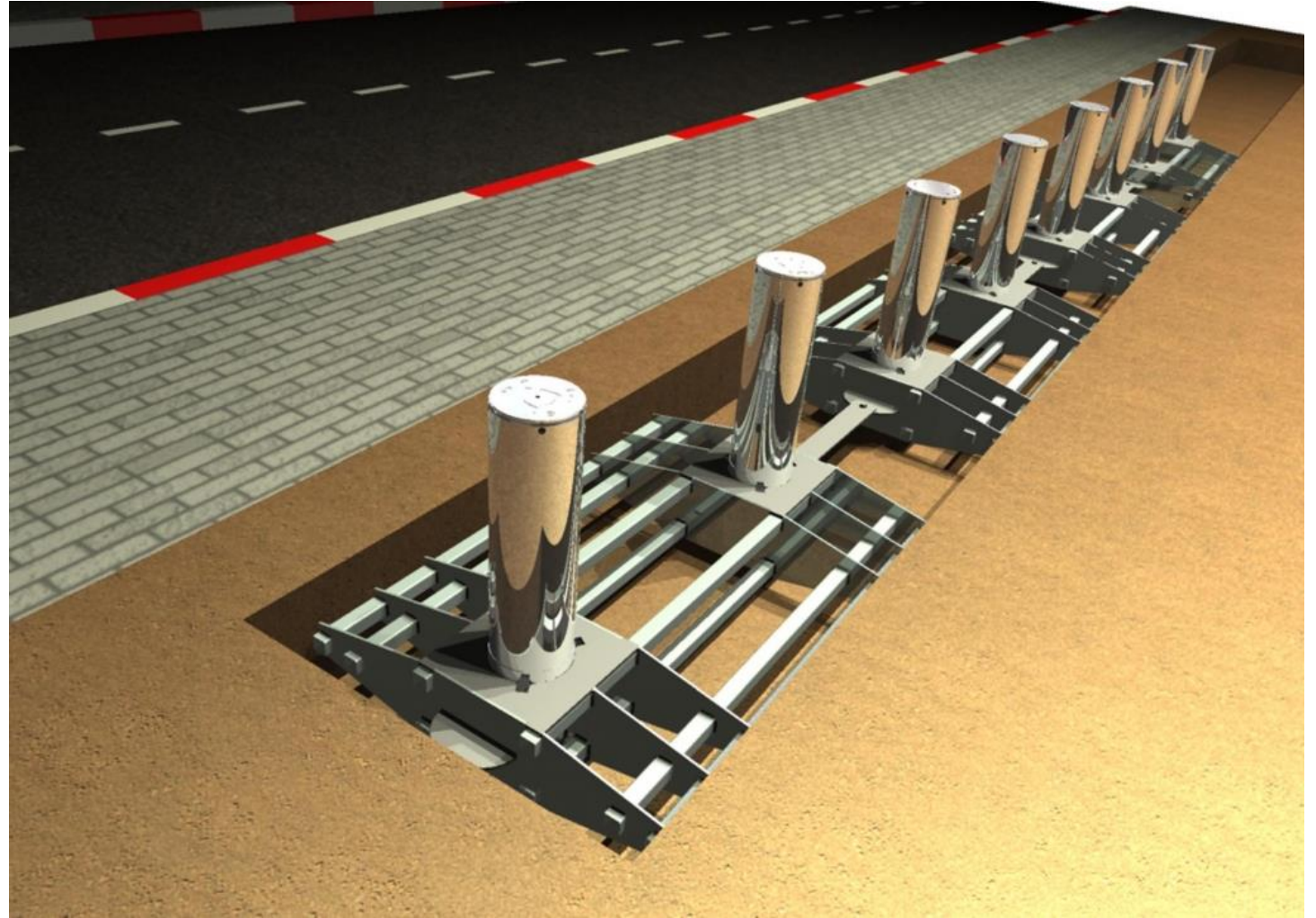
SCOPE OF WORK

- Protect Courthouse Square
 - Errant Vehicles
 - Terrorist Attack
- Minimum design protection should stop:
 - 15,000 lbs vehicle
 - Travelling at 50 MPH



SOLUTION

- Vehicle rated bollards
- 75' array at the 3rd and 4th Street entrances



COST AND SCHEDULE

■ Cost

- Bollard Material Costs: \$150,000
- Construction Cost + Contingency: \$300,000
- Project Delivery – Design + Construction Management & Inspection: \$120,000
- Total Estimated Cost: \$575,000

■ Schedule

- Design Complete: January 2020
- Construction Complete: May 2020



QUESTIONS?