

PVDE AT BRONCO INTERSECTION IMPROVEMENTS

EQUESTRIAN TRAIL ALONG PVDE FROM BRONCO DRIVE TO LOWER HEADLAND DRIVE

City Council authorized the mayor to approve the Program Supplement Agreement for PVDE Safety Project from Bronco Drive to Headland Drive on April 15, 2014.

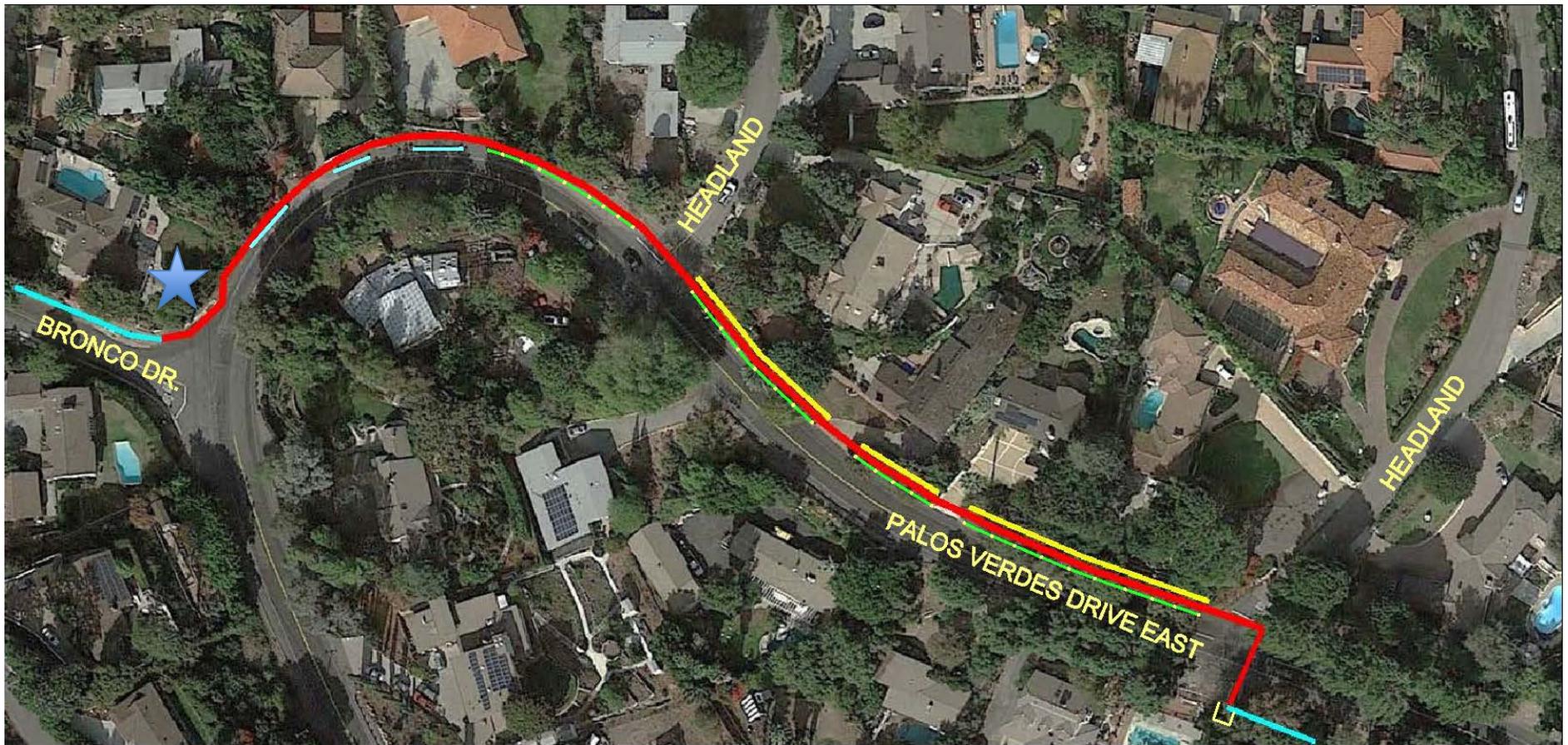
PROJECT BUDGET (Federal Funds 90%) \$487,600.

(Local 10%) \$54,400.

\$ 542,000.

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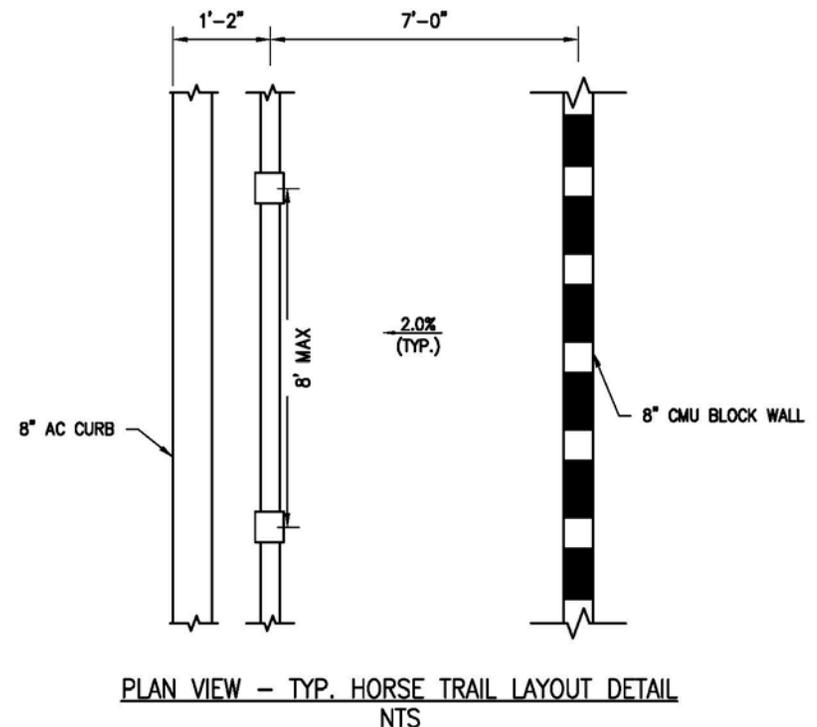
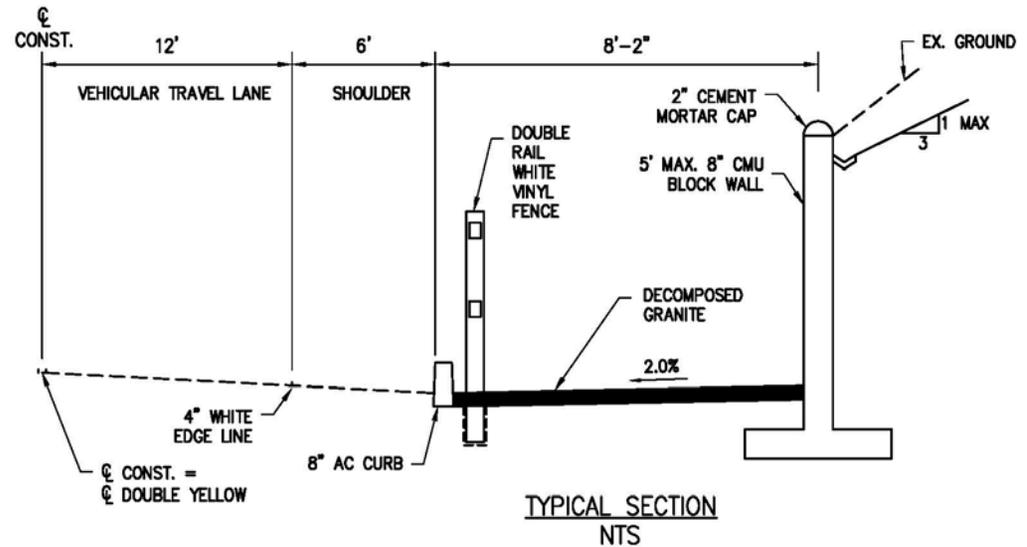
- Red - Equestrian trail with alignment across driveways
- Yellow - Five foot retaining wall
- Blue - Equestrian path of travel outside of project limits



★ The City will work with the utility company to explore relocation of the guy wire allowing passage behind the drainage inlet.

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- Section includes:
 - 12 foot vehicular travel lane
 - 6 foot shoulder
 - 8 foot equestrian trail (7' +/- clear)
 - 5 foot high (max.) retaining wall
 - 4 foot double rail white vinyl fence behind 8" AC curb



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KEY ISSUES

- Driveway entrances (2) located well within the street right of way that will require modifications to the lower 8-feet at each entrance.**
- Mature landscape removal to create area for the equestrian trail. Five foot high (max.) retaining wall required.**
- Limited sight distance opportunities to locate a roadway crossing. Must be away from the curve at Bronco Drive.**
- Four foot double-rail white vinyl fence behind 8" AC curb will help separate bicycle traffic from equestrian.**

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DRIVEWAY ENTRANCE ISSUE



The drive entrance at 28345 Palos Verdes Drive East would require removal of the pilaster and replacement of the brick entrance band and about four feet of the textured driveway surface with concrete pavement. The trail will raise to meet the driveway.

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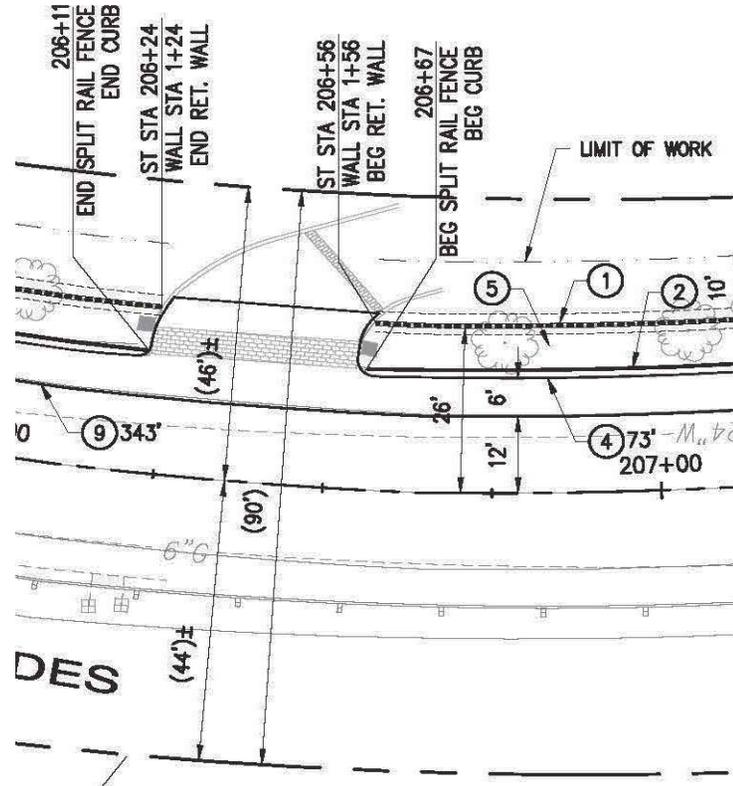
DRIVEWAY ENTRANCE ISSUE



The drive entrance at 28335 Palos Verdes Drive East would also require removal of the pilaster and replacement of about 6-feet of the existing driveway with concrete pavement. The trail grade will raise to meet the driveway.

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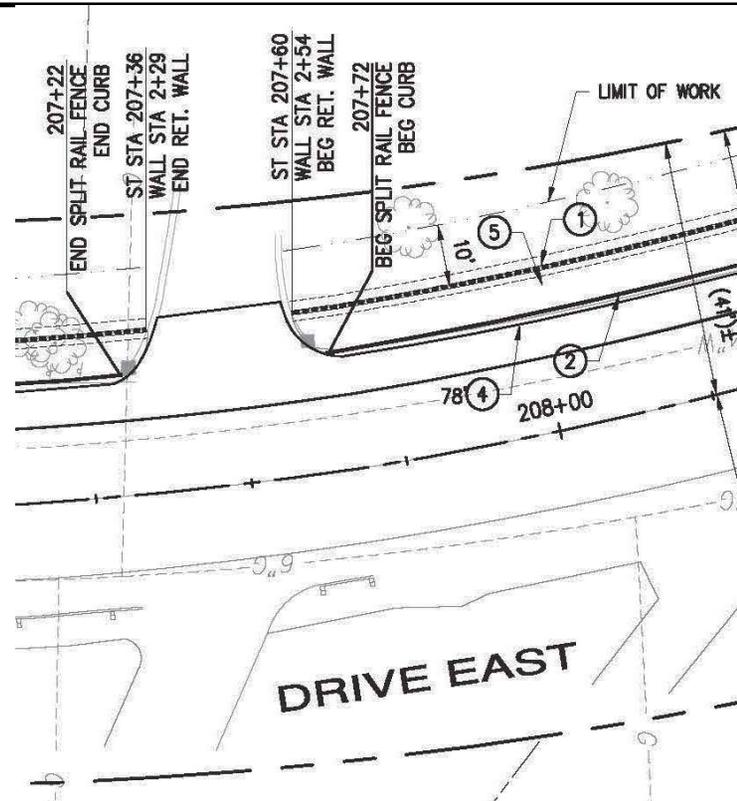
DRIVEWAY ENTRANCE DETAILS



The driveway entrance at 28345 PVDE will be modified to allow equestrian traffic to pass directly over the driveway entrance. The surface will be replaced with concrete pavement within the crossing zone to provide safe footing.

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DRIVEWAY ENTRANCE DETAILS



The driveway entrance at 28335 PVDE will be modified to allow equestrian traffic to pass directly over the driveway entrance. The surface will be replaced with concrete pavement within the crossing zone to provide safe footing.

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LANDSCAPE ISSUE



The mature trees along the equestrian trail alignment approximately 10-12 feet from the edge of pavement are planned to be removed to create space along the roadway for the trail and retaining wall. Replacement landscaping is part of the project and will be designed with input from the affected homeowners.