

Appendix Q

Summary of I-580 Modifications

Appendix Q. I-580 Modifications

From	To	I-580 Mainline and Ramps	Structures	Frontage Roads
East of Dougherty Road/ Hopyard Road	Hacienda Drive	<ul style="list-style-type: none"> • Realign WB I-580 to accommodate median widening • Realign WB I-580 off-ramp at Dougherty Road • Realign WB I-580 diagonal on-ramp at Hacienda Drive 	<ul style="list-style-type: none"> • Widen WB I-580 bridge over Iron Horse Trail/ Dublin/Pleasanton BART Station • Construct new median structure over Iron Horse Trail to support track • Construct new retaining walls and concrete barriers along WB I-580 	<ul style="list-style-type: none"> • Realign Scarlett Court • Realign Altamirano Avenue between Campus Drive and Arnold Road
Hacienda Drive	Tassajara Road/ Santa Rita Road	<ul style="list-style-type: none"> • Realign WB I-580 to accommodate median widening • Realign WB I-580 off-ramp and loop on-ramp at Hacienda Drive • Realign WB I-580 diagonal on-ramp at Tassajara Road 	<ul style="list-style-type: none"> • Widen WB I-580 bridge over Tassajara Creek • Replace existing recreational bridge over Tassajara Creek along WB I-580 • Construct new median bridge over Tassajara Creek to support track • Construct new retaining walls and concrete barriers along WB I-580 	N/A
Tassajara Road/ Santa Rita Road	Fallon Road/ El Charro Road	<ul style="list-style-type: none"> • Realign WB I-580 to accommodate median widening • Realign WB I-580 off-ramp and loop on-ramp at Tassajara Road • Realign WB I-580 diagonal on-ramp at Fallon Road 	<ul style="list-style-type: none"> • Extend existing culvert under WB I-580 west of Fallon Road on-ramp • Construct new bridges in median of I-580 to support track • Construct new retaining walls and concrete barriers along portions of WB I-580 	<ul style="list-style-type: none"> • Realign Northside Drive

From	To	I-580 Mainline and Ramps	Structures	Frontage Roads
Fallon Road/ El Charro Road	Airway Boulevard	<ul style="list-style-type: none"> • Realign WB and portions of EB I-580 to accommodate median widening • Realign WB I-580 off-ramp and loop on-ramp at Fallon Road • Realign WB I-580 diagonal on-ramp at Airway Boulevard • Realign EB I-580 diagonal off-ramp and loop on-ramp at Airway Boulevard 	<ul style="list-style-type: none"> • Construct new retaining walls and concrete barriers along WB and portions of EB I-580 • Extend Collier Canyon Road box culvert at Cotton Creek • Construct new I-580 median bridge over Cottonwood Creek 	<ul style="list-style-type: none"> • Realign Croak Road • Realign Collier Canyon Road
Airway Boulevard	Isabel Avenue	<ul style="list-style-type: none"> • Realign WB and EB I-580 to accommodate median widening • Realign EB I-580 loop on-ramp at Airway Boulevard • Realign WB I-580 diagonal on-ramp at Isabel Avenue • Realign EB I-580 diagonal off-ramp and loop on-ramp at Isabel Avenue 	<ul style="list-style-type: none"> • Construct new concrete barriers and retaining walls along portions of WB and EB I-580 • Replace the west Airway Boulevard Overcrossing 	<ul style="list-style-type: none"> • Realign Constitution Drive • Realign Kitty Hawk Road

From	To	I-580 Mainline and Ramps	Structures	Frontage Roads
Isabel Avenue	North Livermore Avenue	<ul style="list-style-type: none"> • Realign WB and portions of EB I-580 to accommodate median widening • Realign WB I-580 diagonal off-ramp and loop on-ramp at Isabel Avenue • Realign EB I-580 diagonal on-ramps at Isabel Avenue • Realign WB I-580 on-ramp at North Livermore Avenue • Realign EB I-580 off-ramp at North Livermore Avenue 	<ul style="list-style-type: none"> • Replace WB I-580 Isabel Avenue off-ramp bridge over Arroyo Las Positas Creek • Widen/reconstruct WB I-580 bridge over Arroyo Las Positas Creek (east of Isabel Avenue) • Widen EB I-580 Isabel Avenue on-ramp bridge over Arroyo Las Positas Creek • Replace portion of existing bridge in median over Las Positas Creek (east of Isabel Ave) to support track. • Widen/reconstruct WB I-580 bridge over Arroyo Las Positas Creek east of Portola Avenue overcrossing • Replace portion of existing bridge in I-580 median over Las Positas Creek (east of Portola Avenue) to support track • Replace portion of North Livermore undercrossing in I-580 median to support track • Construct new concrete barriers and retaining walls along portions of WB and EB I-580 • Widen existing I-580 bridge undercrossing of North Livermore Avenue 	<ul style="list-style-type: none"> • Realign East Airway Boulevard • Realign Cayetano Court

From	To	I-580 Mainline and Ramps	Structures	Frontage Roads
North Livermore Avenue	Springtown Boulevard/First Street	<ul style="list-style-type: none"> • Realign WB and portions of EB I-580 to accommodate median widening • Realign WB I-580 off-ramp at North Livermore Avenue • Realign EB I-580 on-ramp at North Livermore Avenue • Replace/reconstruct existing I-580/Springtown Boulevard/First Street overcrossing and realign all ramps and approaches to conform to new overcrossing 	<ul style="list-style-type: none"> • Construct new concrete barriers and retaining walls along portions of WB and EB I-580 • Widen WB I-580 bridge over Arroyo Las Positas Creek west of Las Colinas Road overcrossing • Replace portion of existing bridge over Arroyo Las Positas Creek in median to support track • Replace the Las Colinas Road overcrossing • Extend existing reinforced concrete box under WB I-580 west of WB I-580 on ramp at Springtown Boulevard • Replace Springtown Boulevard/ First Street overcrossing 	<ul style="list-style-type: none"> • Realign Las Colinas Road
Springtown Boulevard/First Street	North Vasco Road/South Vasco Road	<ul style="list-style-type: none"> • Realign WB and EB I-580 to accommodate median widening • Replace/reconstruct existing I-580/Springtown Boulevard/First Street overcrossing and realign all ramps and approaches to conform to new overcrossing • Replace/reconstruct existing I-580/North Vasco Road/South Vasco Road overcrossing and realign all ramps and approaches to conform to new overcrossing 	<ul style="list-style-type: none"> • Construct new concrete barriers and retaining walls along portions of WB and EB I-580 • Relocate the existing soundwall along WB I-580 near Sundance Drive • Replace North Vasco Road/South Vasco Road overcrossing 	<ul style="list-style-type: none"> • Possible realignment of Southfront Road

From	To	I-580 Mainline and Ramps	Structures	Frontage Roads
North Vasco Road/ South Vasco Road	Just west of Greenville Road	<ul style="list-style-type: none"> ● Realign WB and portions of EB I-580 to accommodate median widening ● Replace/reconstruct existing I-580/North Vasco Road/South Vasco Road overcrossing and realign all ramps and approaches to conform to new overcrossing ● Realign WB I-580 off- and on-ramps at truck weigh station ● Realign WB I-580 on-ramp at Altamont Pass Road 	<ul style="list-style-type: none"> ● Construct new concrete barriers along portions of WB I-580 ● Construct new concrete rail viaduct, crossing from the I-580 median to north of WB I-580 for track alignment to serve Greenville Station 	N/A

Notes: WB = Westbound; EB = Eastbound; N/A = Not Applicable.