


-
1. Replace Bridge
 2. Fish Passage
 3. Flood Control
 4. Correct Sag in Roadway
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FINISHED ROADWAY GRADE

ORIGINAL GROUND

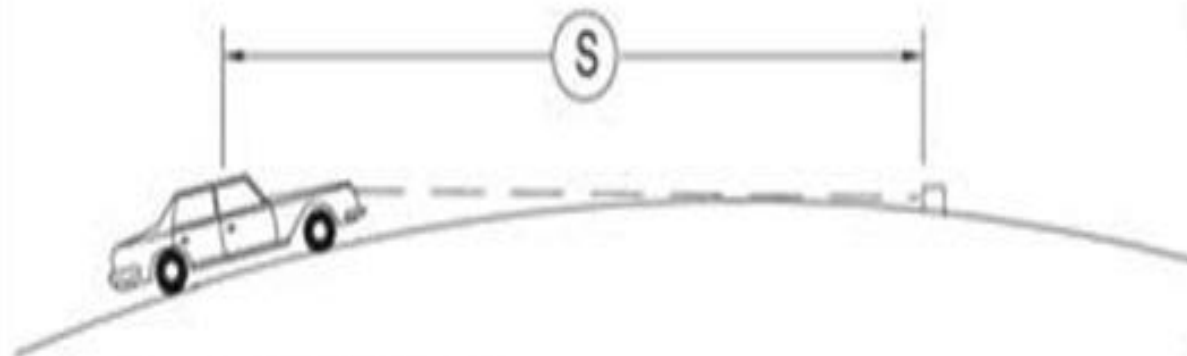
488' VC

ARROYO PARIDA CREEK BRIDGE
Br No. 51-0113
SEE STRUCTURES PLANS

PROFILE
ROUTE 192







Drivers eye height is $3 \frac{1}{2}$ feet.
Object height is $\frac{1}{2}$ -foot.





Sheet A

PI 10+00.00

S 32°07'22.9" E

193.62'

BC 11+93.62

32 cypress, 12" DBH

Sheet B

oak, 19" DBH

willow, 15" DBH

willow, 19" DBH

oak, 10" DBH

willow, 6" DBH

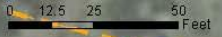
willow, 9" DBH

willow, 10" DBH

willow, 12" DBH

SB-192, Arroyo Parida Project Critical Root Zone Map Native Trees

- critical root zone (1 foot for each inch of DBH)
- trees to be removed (>50% encroachment into critical root zone) 15 oaks, 6 sycamores, 2 walnuts, 7 willows
- trees with 20% to 50% encroachment into critical root zone to be protected by tree wells (in fill areas) or hand pruning of roots (in cut areas) 6 oaks, 6 sycamores
- trees to remain (<20% encroachment into critical root zone)
- trees to be removed (within 20 ft clear recovery zone) 5 cypress
- trees to be removed (not native to the region) 32 cypress



Revised Aug. 28, 2014

ARROYO PARIDA PLANTING PLAN
HWY 102 SANTA BARBARA COUNTY

PLANTING CONCEPT

THE ARROYO PARIDA BRIDGE REPLACEMENT PLANTING PLAN CREATES A SUCCESSFUL NATIVE RIPARIAN RESTORATION MITIGATION PLANTING STRATEGY THAT REINFORCES THE CONTINGENT RIPARIAN HABITAT WHILE ALSO MAINTAINING THE VISUAL CHARACTER OF THE HIGHWAY CORRIDOR. THE PLAN PRESERVES THE EXISTING NATIVE VEGETATION TO THE MAXIMUM EXTENT POSSIBLE, COLLECTS AND REUSES NATIVE TOPSOIL, AND CHIPPED VEGETATION. THE EROSION CONTROL TECHNIQUES INCLUDE REAPPLICATION OF NATIVE TOPSOIL, CHIPPED VEGETATION, NATIVE SEED IN THE EROSION CONTROL, AND 2" COMPOST BLANKET. THE PLANTING PLAN USES NATIVE TREES AND UNDERSTORY (INCLUDING LARGE PLANTED STOCK FOR INITIAL VISUAL IMPRESSION, TOPSOIL MITIGATION SYSTEM, SEPARATE PLANTING CONTRACT, 3-YEAR PLANT ESTABLISHMENT PERIOD, AND A 5-YEAR MONITORING PERIOD.



TREE LEGEND

- 123 30" DBH QUERCUS AMBLYLATA Coast Live Oak
- 141 30" DBH PLATANUS RACEMOSA California Sycamore
- 1140 24" DBH QUERCUS AMBLYLATA Coast Live Oak
- 123 24" DBH PLATANUS RACEMOSA California Sycamore
- 120 24" DBH JUVENIS CALIFORNICA Southern California Shrub Shrub
- 1201 15 GAL QUERCUS AMBLYLATA Coast Live Oak
- 1202 15 GAL PLATANUS RACEMOSA California Sycamore
- 1203 5 GAL QUERCUS AMBLYLATA Coast Live Oak
- 1201 5 GAL PLATANUS RACEMOSA California Sycamore
- 1400 1 GAL QUERCUS AMBLYLATA Coast Live Oak
- 1400 1 GAL PLATANUS RACEMOSA California Sycamore

TREES REMOVED

BOTANICAL NAME	COMMON NAME	QUANTITY REMOVED
JUVENIS CALIFORNICA	Southern California Shrub Shrub	2
PLATANUS RACEMOSA	California Sycamore	6
QUERCUS AMBLYLATA	Coast Live Oak	15
TOTAL		23

TREES REPLANTED

SIZE	PLANTED	RATIO	MITIGATED NUMBERS
30" DBH	0	1/1	0
24" DBH	18	1,200/1	18
15 GAL	20	2/1	20
5 GAL	05	1/1	10
1 GAL	08	1/1	8
TOTAL	51		53

PRESERVATION & MINIMIZATION TECHNIQUES

- PRESERVE 6" OF NATIVE TOPSOIL
- CHIP NATIVE VEGETATION - MULCH
- 2" COMPOST BLANKET
- NATIVE HYDRANGE
- NATIVE SHRUBS AND TREES
- VARIATION IN CONTAINER STOCK
- NATIVE SILLON CUTTINGS
- TOPSOIL MITIGATION SYSTEM
- SEPARATE 3 YEAR PLANTING CONTRACT
- 5 YEAR INITIAL/MONITORING PLAN

SCALE 1" = 20'

OCTOBER 15TH, 2013



ARROYO PARIDA PLANTING PLAN
HWY 102 SANTA BARBARA COUNTY



SHRUBS REPLANTED

	BOTANICAL NAME	COMMON NAME	QUANTITY PLANTED
⊗	ARTENISA CALIFORNICA	CALIFORNIA SAGEBRUSH	251
⊕	BACCARIS PALLAENS	GRAY'S BRUSH	130
⊕	CELANOTHUS AMBROSIAE	YULAND CELESTINE	54
⊕	HEMORRHOIS ARBUSTIFOLIA	ROYAL	103
⊕	RUBUS URSINUS	WESTERN BLACKBERRY	42
⊕	SAMBUCUS NIGRICA	NEECHAM ELDERBERRY	62
⊕	SALIX LASIOLEPS	ARROYO WILLOW	199
	TOTAL		840





