STRUCTURE SURVEY TEMPLATE

				DATE	10-22-08
)AD NAME	Quail Trail			COUNTY	LA
STREAM NAME	San Francisquito			PHOTO ID #	
STRUCTURE #	1		X,Y COORDINATE		
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)	dip crossing, paved, multiple low points				
HIGH WATER MARK (Description, Witness, and Date)					

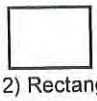
TYPE	CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape Culvert Dam illway ıser Barrel Outlet	Number of Barrels 1) Circular 2) Rectangle (Span X Rise) 3) Elliptical 4) Con/Span 5) Elevated Arch 6) Pipe Arch 7) Other	RCP (Reinforced Concrete Pipe) CMP (Corrugated Metal Pipe) Bitmus Coated Steel Timber Ductile Clay Masonry Rock	Height from Top of Road to Invert **Top of Road EL** From Topo Map (FT.NGVD) or (FT.NAVD)	Headwall Wingwalls Type 0^0, 45^0, 90^0 Projecting Flush with Slope MES (Mitered End Section) FES (Flared End Section)

Pier Shape

1) Circular pier
2) Twin-Cylinder piers
3) Elongated pier
4) Triangular nose
5) Square nose

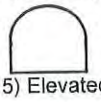
Types (Shape) of Culvert


1) Circular


2) Rectangle


3) Elliptical


4) Con/Span

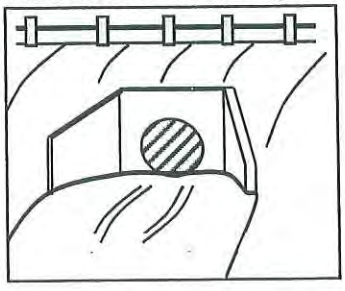

5) Elevated Arch


6) Pipe Arch

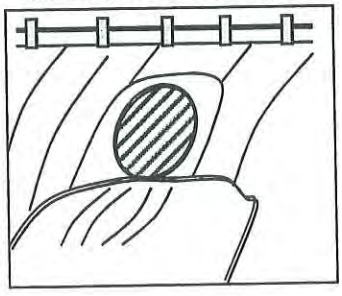
7) Other

Inlet/Outlet Type

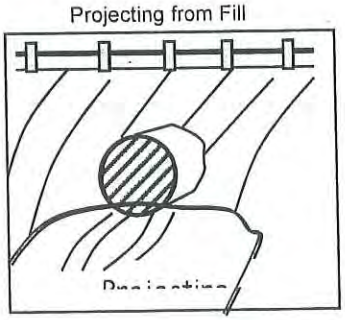
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

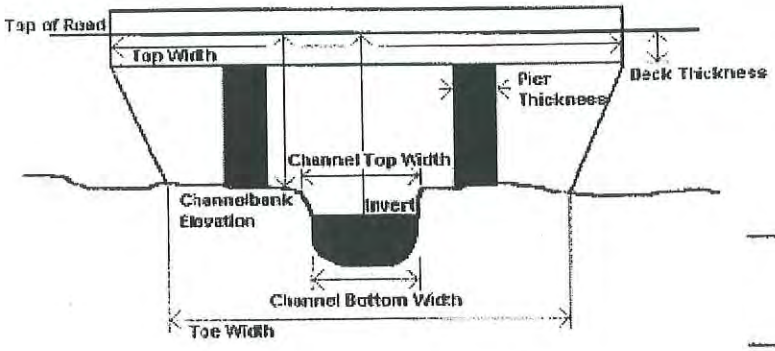


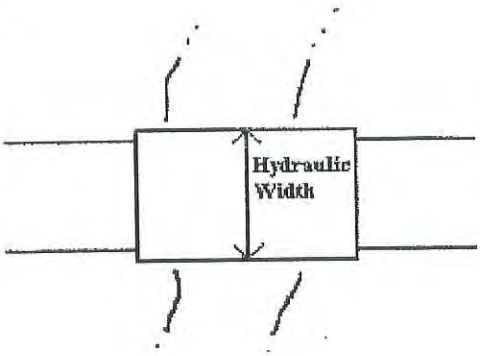
CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	**NUMBER OF PIERS**	**PIER THICKNESS**





PHOTOS

Name | Description

4 pictures -

ADDITIONAL CHANNEL INFORMATION

Land Use: open, light residential

Vegetative Cover: some light brush, cottonwoods, Arundo

Bed Material: sand to cobbles

General Channel Condition: irregular, broad, meandering channel thread

Banks: low undefined banks

Overbanks: clear

STRUCTURE SURVEY TEMPLATE

				DATE	10.22.08
ROAD NAME	Unnamed dirt crossing @ shooting range			COUNTY	LA
STREAM NAME	San Francisquito			PHOTO ID #	
STRUCTURE #	3 2		X,Y COORDINATE		
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)	no structure, dip crossing..				
HIGH WATER MARK (Description, Witness, and Date)					

TYPE	CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape Culvert Dam illway ser Barrel Outlet	Number of Barrels 1) Circular 2) Rectangle (Span X Rise) 3) Elliptical 4) Con/Span 5) Elevated Arch 6) Pipe Arch 7) Other	RCP (Reinforced Concrete Pipe) CMP (Corrugated Metal Pipe) Bitmus Coated Steel Timber Ductile Clay Masonry Rock	Height from Top of Road to Invert **Top of Road EL** From Topo Map (FT.NGVD) or (FT.NAVD)	Headwall Wingwalls Type 0^0, 45^0, 90^0 Projecting Flush with Slope MES (Mitered End Section) FES (Flared End Section)

Pier Shape

1) Circular pier
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3) Elongated pier
4) Triangular nose
5) Square nose

Types (Shape) of Culvert

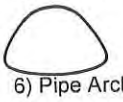

1) Circular


2) Rectangle


3) Elliptical


4) Con/Span

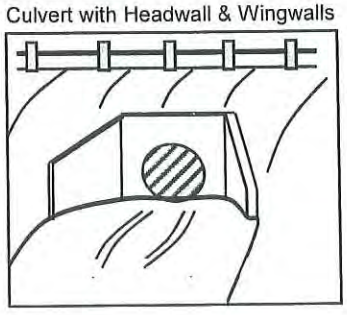

5) Elevated Arch


6) Pipe Arch

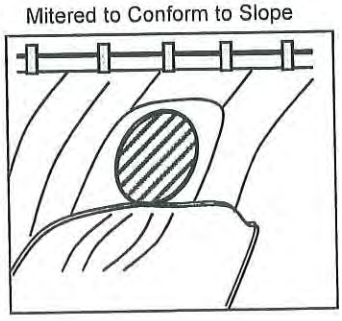
7) Other

Inlet/Outlet Type

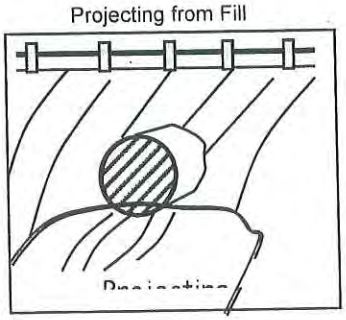
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

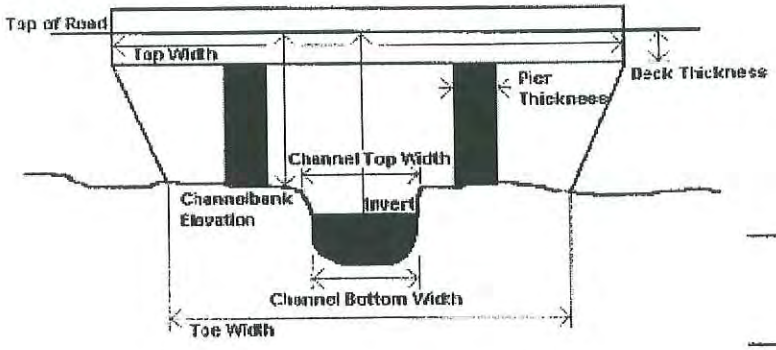


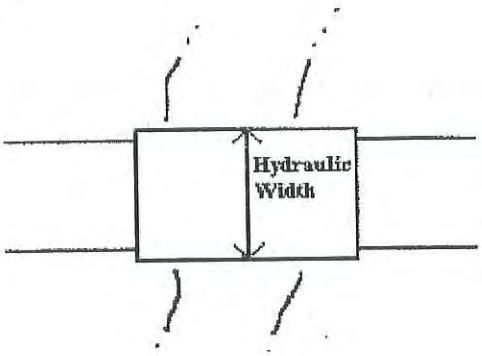
CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	**NUMBER OF PIERS**	**PIER THICKNESS**





PHOTOS

Name | Description

2 pictures

truck drove in missing locations along the study reach

note: did not stop at several other dirt crossings.

ADDITIONAL CHANNEL INFORMATION

Land Use: Open

Vegetative Cover: light brush to trees around

Bed Material: sand to cobbles

General Channel Condition: broad, irregular

Banks: low,

Overbanks: hills, road

STRUCTURE SURVEY TEMPLATE

				DATE	10-22-08
ROAD NAME	San Francisquito Road			COUNTY	LA
STREAM NAME	San Francisquito			PHOTO ID #	
STRUCTURE #	2 3		X,Y COORDINATE		
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)	bridge @ u/s end of study reach				
HIGH WATER MARK (Description, Witness, and Date)					

TYPE	CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape — Circular Culvert Dam Illway Laser Barrel Outlet	Number of Barrels 1) Circular 2) Rectangle (Span X Rise) 3) Elliptical 4) Con/Span 5) Elevated Arch 6) Pipe Arch 7) Other	RCP (Reinforced Concrete Pipe) CMP (Corrugated Metal Pipe) Bitmus Coated Steel Timber Ductile Clay Masonry Rock	Height from Top of Road to Invert **Top of Road EL** From Topo Map (FT.NGVD) or (FT.NAVD)	Headwall Wingwalls Type 0^0, 45^0, 90^0 Projecting Flush with Slope MES (Mitered End Section) FES (Flared End Section)

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Types (Shape) of Culvert

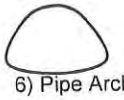

1) Circular


2) Rectangle


3) Elliptical


4) Con/Span

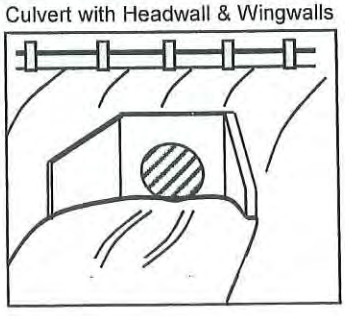

5) Elevated Arch


6) Pipe Arch

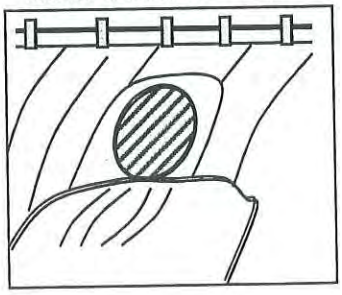
7) Other

Inlet/Outlet Type

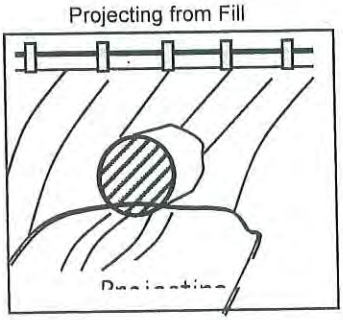
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

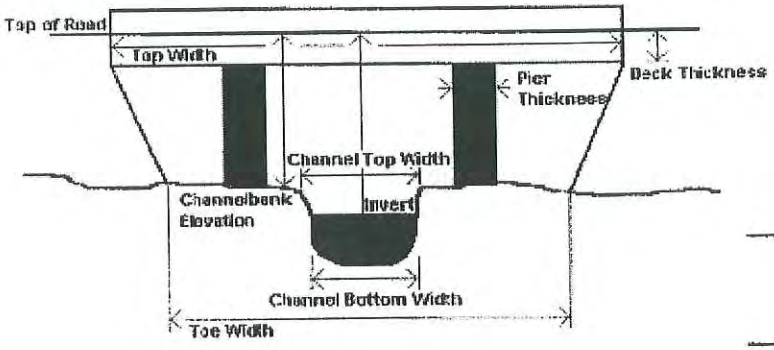


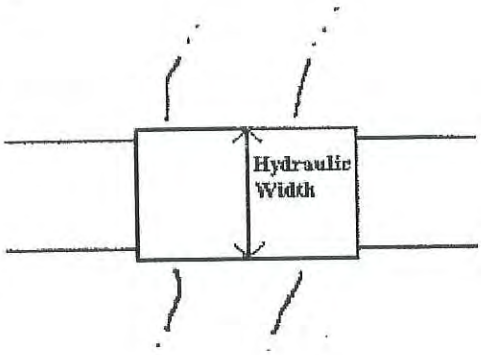
CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	**NUMBER OF PIERS**	**PIER THICKNESS**





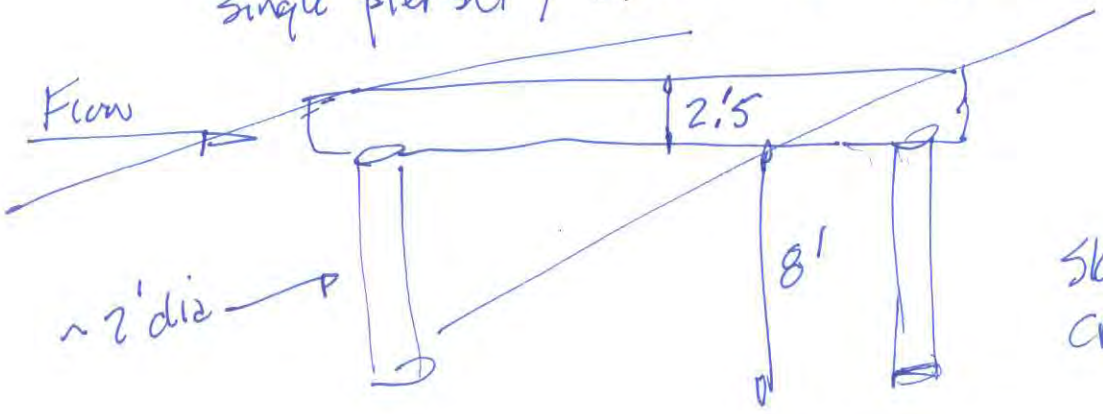
PHOTOS

Name

Description

4 pictures

Single pier set, almost clear span



Skewed crossing.

ADDITIONAL CHANNEL INFORMATION

open space

Land Use

thick brush, willow + arundo inchannel

Vegetative Cover

gravel + cobbles

Bed Material

hewn into rock on the left side

General Channel Condition

steep, rock on left.

Banks

Channel is a canyon - steep hills on overbanks -

Overbanks

soffit thickness ~ 2' to top of curb
curb is 6" above road top -

32" rail on top of curb - each side

~ 30' channel topwidth (perpendicular to flow)
(bridge width is longer - skew)