

## STRUCTURE SURVEY TEMPLATE

				DATE	7-28-08
ROAD NAME	Aliso Cyn Rd			COUNTY	LA
STREAM NAME	Aliso Cyn			PHOTO ID #	
STRUCTURE #	AC 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)		Some debris @ 1/4 end			
HIGH WATER MARK (Description, Witness, and Date)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape <u>Culvert</u> Dam Spillway Riser Barrel Outlet		Number of Barrels <b>5</b>  1) Circular 2) Rectangle (Span X Rise) 3) Elliptical 4) Con/Span 5) Elevated Arch 6) Pipe Arch 7) Other	RCP (Reinforced Concrete Pipe) <u>CMP</u> (Corrugated Metal Pipe) Bitmus Coated  Steel Timber Ductile Clay Masonry Rock	Height from Top of Road to Invert  <u>Top of Road EL</u>  From Topo Map (FT.NGVD) or (FT.NAVD)	Headwall Wingwalls Type 0°, 45°, 90° 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

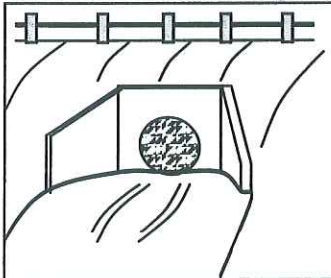


### Types (Shape) of Culvert

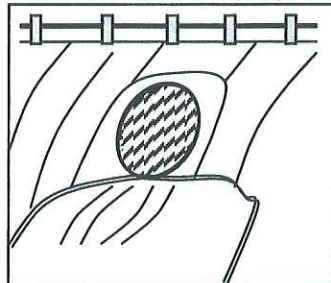
- |             |                  |               |
|-------------|------------------|---------------|
|             |                  |               |
| 1) Circular | 2) Rectangle     | 3) Elliptical |
|             |                  |               |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch  |
| 7) Other    |                  |               |

### Inlet/Outlet Type

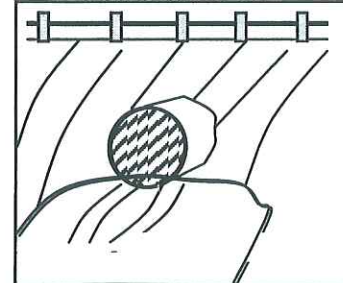
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

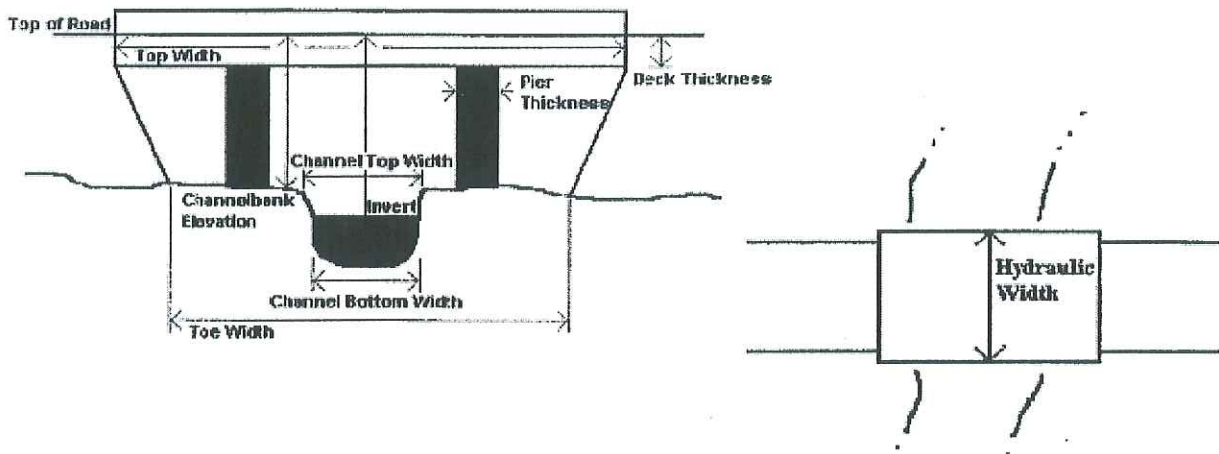


### CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

### BRIDGE INFORMATION

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



Name	Description	PHOTOS
	<p>road likely acts as a grade control during floods</p> <p><i>d/s side</i></p> <p>ROAD</p> <p>5, 4" dia curb</p> <p>grout</p> <p>conc..</p> <p>2-3' above invert</p> <p>inverts @ grade 1/8 side</p>	<p>4 photos.</p> <p>"B3411" stamped in conc.</p> <p>mile post 1.40</p>

ADDITIONAL CHANNEL INFORMATION

Land Use open + light residential v/s

Vegetative Cover brush

Bed Material large rocks & boulders + some willows

General Channel Condition canyon -- well defined

Banks steep canyon walls

Overbanks light brown
















## STRUCTURE SURVEY TEMPLATE

				DATE	7-28-08
ROAD NAME	Aliso Cyn Rd			COUNTY	LA
STREAM NAME	Aliso Cyn			PHOTO ID #	
STRUCTURE #	no structure - AC 2 <sup>1/2 end of study reach</sup>		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)		recent fire in channel dead trees 1/2 of Power Line crossings (see quad)			
HIGH WATER MARK (Description, Witness, and Date)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge		Number of Barrels	RCP (Reinforced Concrete Pipe)	Height from Top of Road to Invert	Headwall
Span Bridge			CMP (Corrugated Metal Pipe)		Top of Road EL
Pier Shape		1) Circular	Bitmus Coated	From Topo Map (FT.NGVD) or (FT.NAVD)	
Culvert		2) Rectangle (Span X Rise)	Steel		
Dam		3) Elliptical	Timber		MES (Mitered End Section)
Spillway		4) Con/Span	Ductile		FES (Flared End Section)
Riser Barrel		5) Elevated Arch	Clay		
Outlet		6) Pipe Arch	Masonry Rock		
		7) Other			

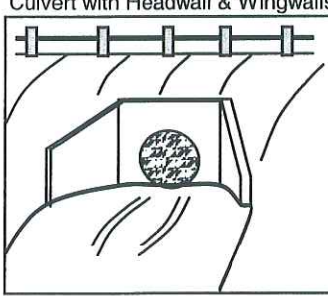

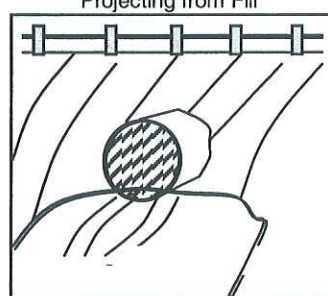
**Pier Shape**

1) Circular pier		1) Circular	<b>Types (Shape) of Culvert</b>		
2) Twin-Cylinder piers		2) Rectangle			
3) Elongated pier		3) Elliptical			
4) Triangular nose		4) Con/Span			
5) Square nose		5) Elevated Arch			

7) Other

**Inlet/Outlet Type**

Culvert with Headwall & Wingwalls	Mitered to Conform to Slope	Projecting from Fill
		



ADDITIONAL CHANNEL INFORMATION

Land Use

open, some residential

Vegetative Cover

lots of trees in channel

Bed Material

rocky - boulders.

General Channel Condition

well defined, rocky - obstructed -

Banks

canyon, moderate to steep banks

Overbanks

light brown