**STRUCTURE SURVEY TEMPLATE**

<table>
<thead>
<tr>
<th>ROAD NAME</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliso Cyn Rd</td>
<td>7-28-08</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STREAM NAME</th>
<th>COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliso Cyn</td>
<td>LA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>STRUCTURE #</th>
<th>X,Y COORDINATE</th>
<th>TYPE</th>
<th>LENGTH</th>
<th>SIZE (W X H) &amp; SHAPE</th>
<th>MATERIAL</th>
<th>Road to Bed</th>
<th>INLET/OUTLET TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC 1</td>
<td></td>
<td>Railroad Bridge</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Top of Road EL</td>
</tr>
</tbody>
</table>

**SPECIAL NOTE**
(Conditions, Blockage, etc)

Some debris at VS end

**HIGH WATER MARK**
(Description, Witness, and Date)

<table>
<thead>
<tr>
<th>TYPE</th>
<th>CULVERT TYPE</th>
<th>MATERIAL</th>
<th>Road to Bed</th>
<th>INLET/OUTLET TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridge</td>
<td>Number of Barrels</td>
<td>5</td>
<td>RCP (Reinforced Concrete Pipe)</td>
<td>Headwall</td>
</tr>
<tr>
<td>Span Bridge</td>
<td></td>
<td></td>
<td>CMP (Corrugated Metal Pipe)</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
</tr>
<tr>
<td>Pier Shape</td>
<td>1) Circular</td>
<td></td>
<td>Bitumus Coated</td>
<td>Projecting</td>
</tr>
<tr>
<td>Culvert</td>
<td>2) Rectangle</td>
<td></td>
<td>Steel</td>
<td>Flush with Slope</td>
</tr>
<tr>
<td>Dam</td>
<td>3) Elliptical</td>
<td></td>
<td>Timber</td>
<td>MES (Mitered End Section)</td>
</tr>
<tr>
<td>Spillway</td>
<td></td>
<td></td>
<td>Ductile</td>
<td>FES (Flared End Section)</td>
</tr>
<tr>
<td>Flow Barrel</td>
<td></td>
<td></td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Outlet</td>
<td></td>
<td></td>
<td>Masonry Rock</td>
<td></td>
</tr>
</tbody>
</table>

**Inlet/Outlet Type**

<table>
<thead>
<tr>
<th>Inlet/Outlet Type</th>
<th>Diagram</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culvert with Headwall &amp; Wingwalls</td>
<td><img src="image1" alt="Diagram" /></td>
</tr>
<tr>
<td>Mitered to Conform to Slope</td>
<td><img src="image2" alt="Diagram" /></td>
</tr>
<tr>
<td>Projecting from Fill</td>
<td><img src="image3" alt="Diagram" /></td>
</tr>
</tbody>
</table>

**Pier Shape**

1) Circular pier
2) Twin-Cylinder pier
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
| 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   |
|                     |                   |                 |

![Diagram showing channel and bridge dimensions]

**PHOTOS**

- 4 photos

**Description**

Road likely acts as a grade control during floods

ROAD

S 4 1/2 cm up

S 3800

80

@ grade

1/2 side

"B3411" stamped in conc.

Mile post 1.40
ADDENDUM: CHANNEL INFORMATION

Land Use

Open + light residential + us

Vegetative Cover

Brush

Large rocks & boulders + some willows

Bed Material

Canyon - well defined

General Channel Condition

Steep canyon walls

Banks

Light brown

Overbanks
# Structure Survey Template

**Road Name**: Aliso Cyn Rd  
**County**: LA  
**Photo ID #**:  
**Structure**: No structure - AC2  
**X,Y Coordinate**:  
**Inlet/Outlet Type**: Top of Road EL  
**Special Note**: Recent fire in channel, dead trees 0-½ of power line crossings (see quad)  
**High Water Mark**: Description, Witness, and Date  

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Culvert Type</th>
<th>Material</th>
<th>Road to Bed</th>
<th>Inlet/Outlet Type</th>
</tr>
</thead>
</table>
| Bridge         | Number of Barrels | RCP (Reinforced Concrete Pipe)  
                  |                       | Height from Top of Road to Invert    | Headwall                        |
| Span Bridge    | 1) Circular  
                  | CMP (Corrugated Metal Pipe)    |                       | Wingwalls Type 0°, 45°, 90°      |
| Pier Shape     | 2) Rectangle (Span x Rise) | Bituminous Coated  
                  |                       | Projecting                        |
| Culvert        | 3) Elliptical  
                  | Steel  
                  |                       | Flush with Slope                  |
| Dam            | 4) Conv/Spans  
                  | Timber  
                  |                       | MES (Mitered End Section)         |
| Spillway       | 5) Elevated Arches | Ductile  
                  |                       | FES (Flared End Section)          |
| Tainter Barrel | 6) Pipe Arches  
                  | Clay  
                  |                       |                                |
| Outlet         | 7) Other       | Masonry Rock       |                       |                                |

**Inlet/Outlet Type**

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

**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) Conv/Spans  
5) Elevated Arch  
6) Pipe Arches  
7) Other
### CHANNEL INFORMATION

<table>
<thead>
<tr>
<th>ROAD TO BANK</th>
<th>CHANNEL TOP WIDTH</th>
<th>CHANNEL BOTTOM WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### BRIDGE INFORMATION

<table>
<thead>
<tr>
<th>DECK THICKNESS</th>
<th>TOP WIDTH</th>
<th>TOE WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>HYDRAULIC WIDTH</th>
<th>NUMBER OF PIERS</th>
<th>PIER THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

![Diagram of channel and bridge information]

### PHOTOS

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Land Use**

open, some residential

**Vegetative Cover**

lots of trees in channel

**Bed Material**

rocky, boulders

**General Channel Condition**

canyon, moderate to steep banks

**Banks**

light brush

**Overbanks**