### STRUCTURE SURVEY TEMPLATE

**JAD NAME**: Sand Cyn Rd  
**COUN**: LA  
**STREAM NAME**: Iron Cyn  
**DATE**: 10-23-06  
**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)

Span bridge

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

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**CULVERT TYPE** | **MATERIAL** | **Road to Bed** | **INLET/OUTLET TYPE**
---|---|---|---
Bridge | 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)  
Bitmis Coated  
Steel  
Timber  
Ductile  
Clay  
Masonry Rock | Height from Top of Road to Invert  
Top of Road EL | 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
<table>
<thead>
<tr>
<th>CHANNEL INFORMATION</th>
<th>CHANNEL TOP WIDTH</th>
<th>CHANNEL BOTTOM WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROAD TO BANK</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>BRIDGE INFORMATION</th>
<th>TOP WIDTH</th>
<th>TOE WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>DECK THICKNESS</td>
<td>2'</td>
<td></td>
</tr>
</tbody>
</table>

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

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**PHOTOS**

Name

Description

```
/ \ 3'
/   \
\ 4'
```
### ADDITIONAL CHANNEL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Use</td>
<td>Open space + Residential</td>
</tr>
<tr>
<td>Vegetative Cover</td>
<td></td>
</tr>
<tr>
<td>Bed Material</td>
<td>Sand + Gravel</td>
</tr>
<tr>
<td>General Channel Condition</td>
<td>Thick - vegetation @ US side</td>
</tr>
<tr>
<td>Banks</td>
<td></td>
</tr>
<tr>
<td>Overbanks</td>
<td></td>
</tr>
</tbody>
</table>
**JAD NAME**  
N Iron Cyn Rd

**STREAM NAME**  
Iron Cyn

**STRUCTURE #**  
2

**X,Y COORDINATE**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>LENGTH</th>
<th>SIZE (W X H) &amp; SHAPE</th>
<th>MATERIAL</th>
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<tbody>
<tr>
<td>Railroad Bridge</td>
<td></td>
<td></td>
<td></td>
<td>Top of Road EL</td>
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</tbody>
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**SPECIAL NOTE**  
Conditions, Blockage, etc

Dip - Crossing w/ 3 buried 24" CMPs

**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>
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<tbody>
<tr>
<td>Bridge</td>
<td>Number of Barrels</td>
<td>RCP (Reinforced Concrete Pipe)</td>
<td>Height from Top of Road to Invert</td>
<td>Headwall</td>
</tr>
<tr>
<td>Span Bridge</td>
<td>1) Circular</td>
<td>CMP (Corrugated Metal Pipe)</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
<td>Headwall</td>
</tr>
<tr>
<td>Pier Shape</td>
<td>2) Rectangle (Span X Rise)</td>
<td>Bitmus Coated</td>
<td>Projecting</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
</tr>
<tr>
<td>Culvert</td>
<td>3) Elliptical</td>
<td>Steel</td>
<td>Flush with Skpe</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
</tr>
<tr>
<td>Dam</td>
<td>4) Con/ Span</td>
<td>Timber</td>
<td>MES (Mitered End Section)</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
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<tr>
<td>Illway</td>
<td>5) Elevated Arch</td>
<td>Ductile</td>
<td>FES (Flared End Section)</td>
<td>Wingwalls Type 0°, 45°, 90°</td>
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<tr>
<td>User Barrel</td>
<td>6) Pipe Arch</td>
<td>Clay</td>
<td></td>
<td></td>
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<tr>
<td>Outlet</td>
<td>7) Other</td>
<td>Masonry Rock</td>
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**Pier Shape**

1) Circular pier
2) Twin-Cylinder piers
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**Types (Shape) of Culvert**

1) Circular
2) Rectangle
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**Inlet/Outlet Type**

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- Mitered to Conform to Slope
- Projecting from Fill
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![Diagram of bridge and channel information](image)

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ADDITIONAL CHANNEL INFORMATION

Land Use: Open space + residential

Vegetative Cover

Bed Material: Gravel + cobble

General Channel Condition

Banks

Overbanks

3 CMP buried 48"