

## STRUCTURE SURVEY TEMPLATE







					DATE	10-22-08
AD NAME	Bouquet Ckn				COUNTY	LA
STREAM NAME	Bouquet Ckn				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)		Squashed/filled CMP -- very minor flow capacity				
HIGH WATER MARK (Description, Witness, and Date)		flow goes over road.				
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE	
Bridge Span Bridge Pier Shape Culvert Dam Millway Sizer Barrel Outlet		Number of Barrels ①  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) Bitumus 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°, 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

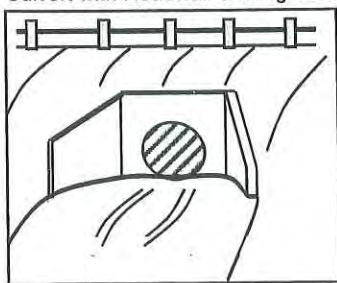


### Types (Shape) of Culvert

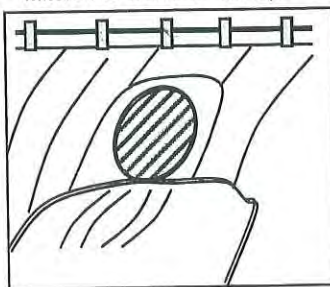
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|---|---|---|
|  |  |  |
| 1) Circular   | 2) Rectangle  | 3) Elliptical   |
|  |  |  |
| 4) Con/Span   | 5) Elevated Arch  | 6) Pipe Arch  |
| 7) Other  |   |   |

### Inlet/Outlet Type

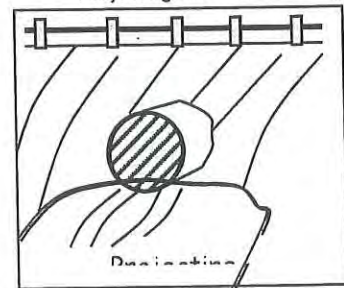
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

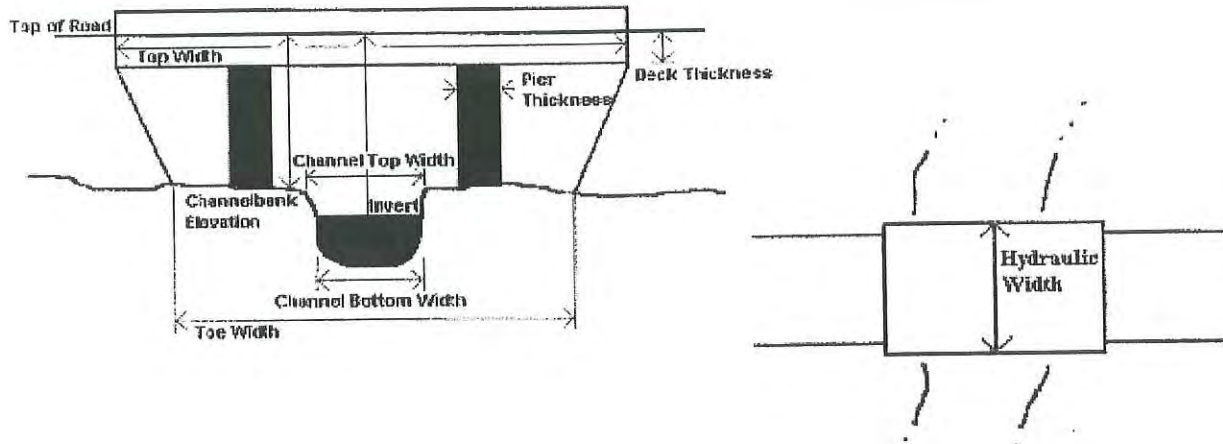


### CHANNEL INFORMATION

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

Can carry low flows only.  
 mystery dimensions  
 - flat, wide, made of corrugated metal  
 1-2 ft tall

ADDITIONAL CHANNEL INFORMATION

Land Use

open

Vegetative Cover

light brush, heavy in channel  
recent fire - oaks  
willows  
burnt trees -

Bed Material

sand + gravel

General Channel Condition

overgrown, ill-defined

Banks

not well defined

Overbanks

open - light brush

K-rails on N side  
paralleling Bouquet Cr Rd.  
flows are likely overlap the road...

## STRUCTURE SURVEY TEMPLATE







				DATE	10-22-08
AD NAME	Bouquet Cyn			COUNTY	LA
STREAM NAME	Bouquet Cyn			PHOTO ID #	
STRUCTURE #	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)		access to picnic area --			
HIGH WATER MARK (Description, Witness, and Date)		buried CMP -- now road sets water grade control			
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)		MES (Mitered End Section)
Pier Shape		1) Circular	Bitmus Coated	Top of Road EL	FES (Flared End Section)
Culvert		2) Rectangle (Span X Rise)	Steel	From Topo Map (FT.NGVD) or (FT.NAVD)	
Dam		3) Elliptical	Timber		
Highway		4) Con/Span	Ductile		
Water Barrel		5) Elevated Arch	Clay		
Outlet		6) Pipe Arch	Masonry Rock		
		7) Other			

### Pier Shape

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- 5) Square nose

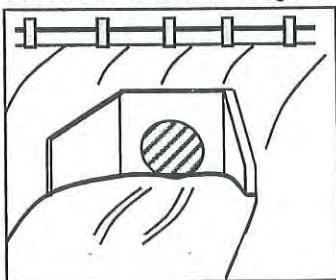


### Types (Shape) of Culvert

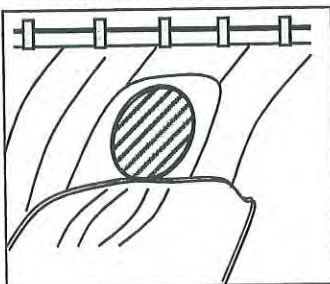
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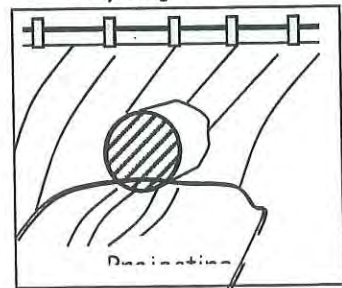
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

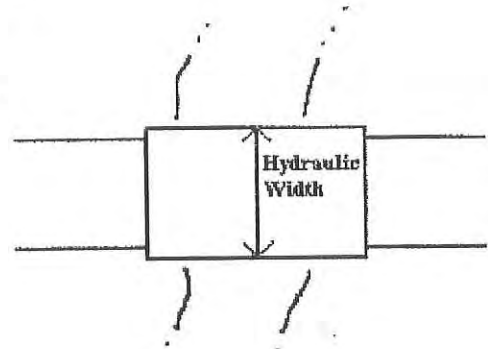
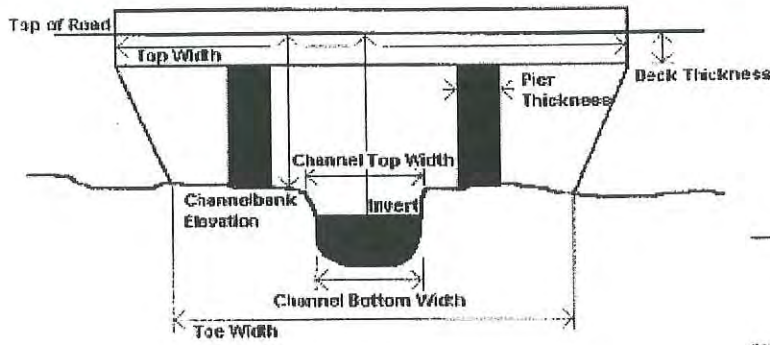


### CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

### BRIDGE INFORMATION

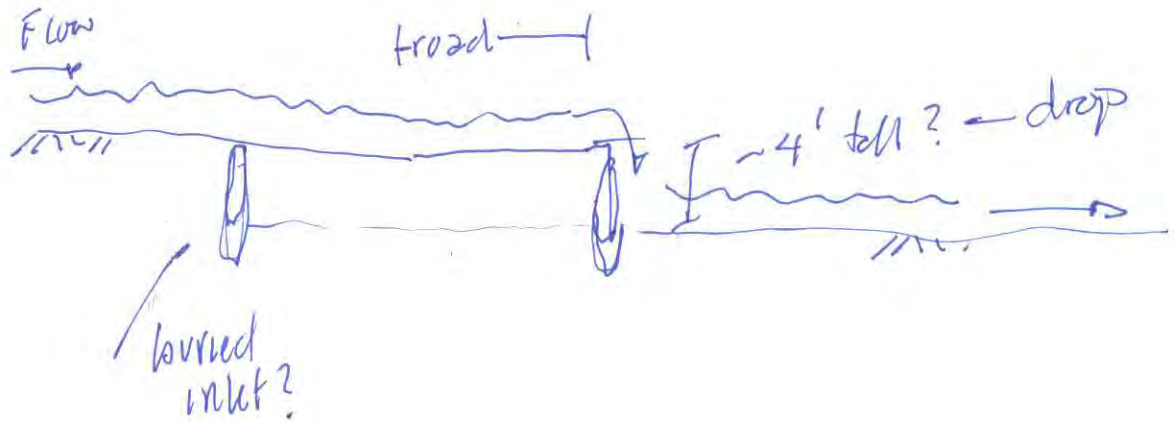
DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



### PHOTOS

Name

Description



ADDITIONAL CHANNEL INFORMATION

Land Use Natural Forest

Vegetative Cover light brush + trees

Bed Material gravel + cobbles

General Channel Condition sometimes ill-defined  
sometimes incised channel paralleling road

Banks varies

Overbanks steep hills -- canyon

road probably carries some flow during floods.

## STRUCTURE SURVEY TEMPLATE







				DATE	10-22-09
ROAD NAME		Bosquet Cr		COUNTY	LA
STREAM NAME		Bosquet Cr		PHOTO ID #	
STRUCTURE #		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)		near 1/2 end of study reach - no structure			
HIGH WATER MARK (Description, Witness, and Date)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape Culvert Dam Millway Sewer 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°, 45°, 90° Projecting Flush with Slope MES (Mitered End Section) FES (Flared End Section)

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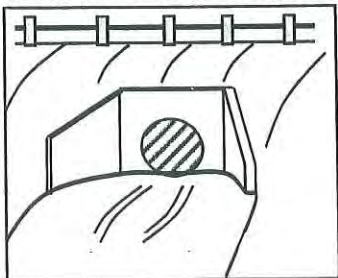


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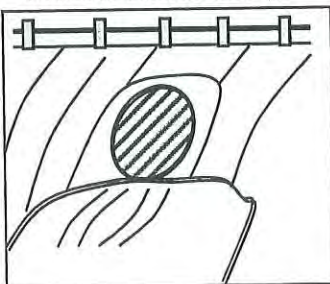
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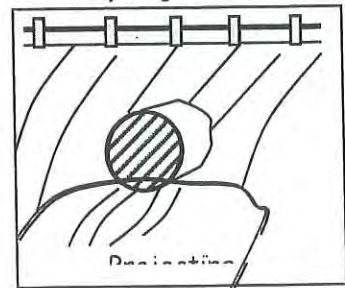
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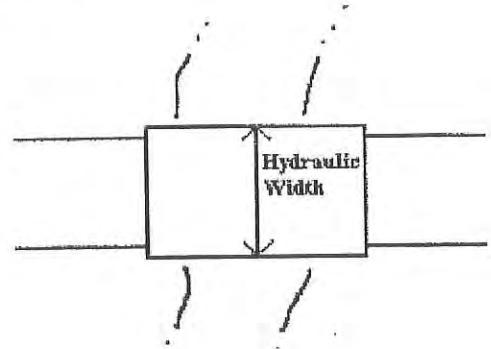
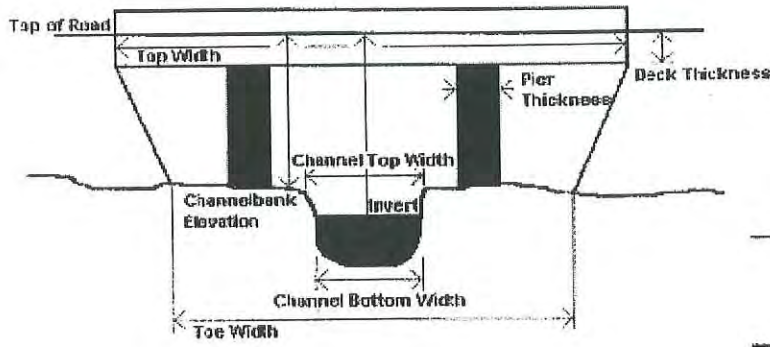


### CHANNEL INFORMATION

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

*Natural  
Canyon  
Channel*



ADDITIONAL CHANNEL INFORMATION

Land Use

open - National forest

Vegetative Cover

lots of trees in channel - oaks  
< some arundo

Bed Material

Cobbles

General Channel Condition

narrow, incised channel adjacent to road

Banks

Canyon - steep rock sides occasionally

Overbanks

light brown