

STRUCTURE SURVEY TEMPLATE

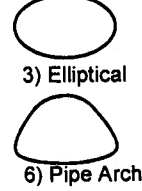
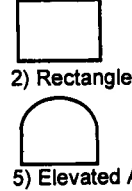
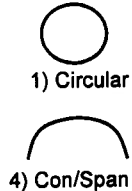
				DATE		10-23-06	
ROAD NAME		Lost Cyn Rd		COUNTY		LA	
STREAM NAME		sand Cyn		PHOTO ID #			
STRUCTURE #		1		X,Y COORDINATE			
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE		
Railroad Bridge				Top of Road	EL		
SPECIAL NOTE (Conditions, Blockage, etc)		Span bridge / Two bridges					
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) CMP (Corrugated Metal Pipe) Bitmus Coated	Height from Top of Road to Invert	Headwall Wingwalls Type 0°, 45°, 90° Projecting Flush with Slope		
Span Bridge		1) Circular 2) Rectangle (Span X Rise) 3) Elliptical 4) Con/Span 5) Elevated Arch 6) Pipe Arch 7) Other	Steel Timber Ductile Clay Masonry Rock	Top of Road EL	MES (Mitered End Section) FES (Flared End Section)		
Pier Shape				From Topo Map (FT.NGVD) or (FT.NAVD)			
Culvert							
Dam							
Fillway							
Gravel Barrel							
Outlet							

Pier Shape

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



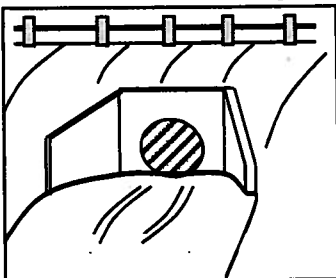
Types (Shape) of Culvert



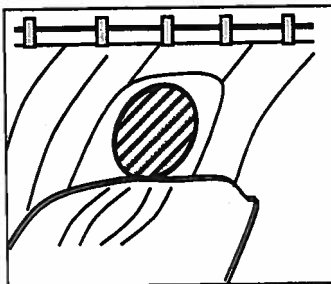
7) Other

Inlet/Outlet Type

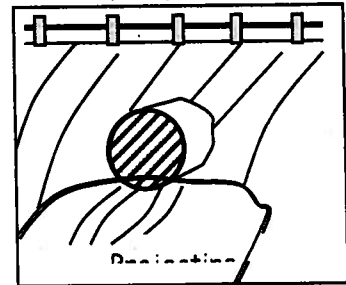
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

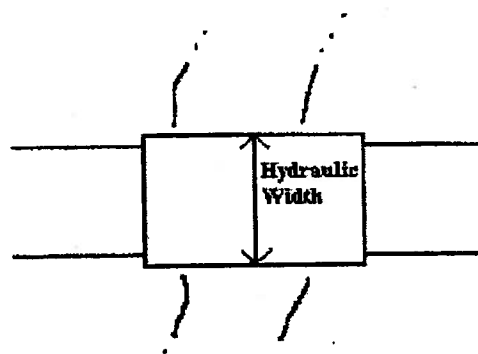
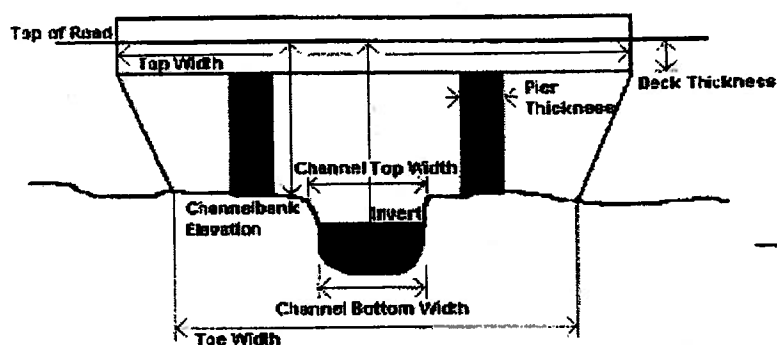


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

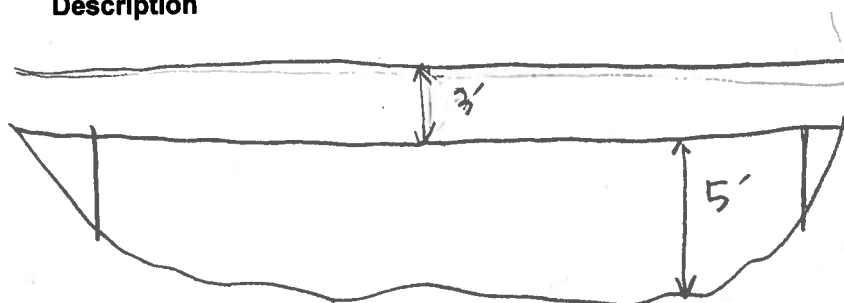
DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name

Description



STRUCTURE SURVEY TEMPLATE

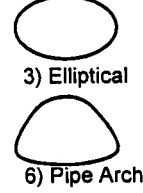
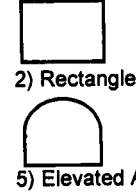
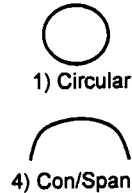
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ROAD NAME		RR		COUNTY	LA
STREAM NAME		Sand Cyn		PHOTO ID #	
STRUCTURE #		2		X,Y COORDINATE	
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)		Bridge w/ 5 piers (2 piers in the main channel) (see the sketch)			
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)		Wingwalls Type 0°, 45°, 90°
Pier Shape			Bitumast Coated		Projecting
Culvert		1) Circular	Steel	Top of Road EL	Flush with Slope
Dam		2) Rectangle (Span X Rise)	Timber		MES (Mitered End Section)
Highway		3) Elliptical	Ductile		FES (Flared End Section)
Water Barrel		4) Con/Span	Clay	From Topo Map (FT. NGVD) or (FT. NAVD)	
Outlet		5) Elevated Arch	Masonry Rock		
		6) Pipe Arch			
		7) Other			

Pier Shape

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



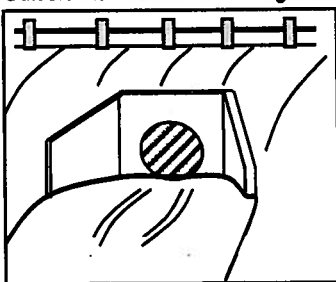
Types (Shape) of Culvert



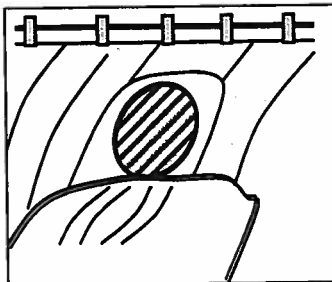
7) Other

Inlet/Outlet Type

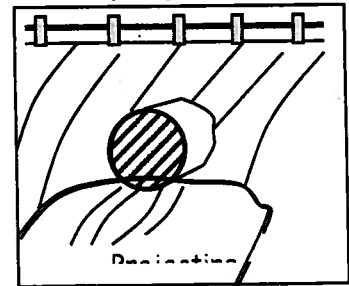
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

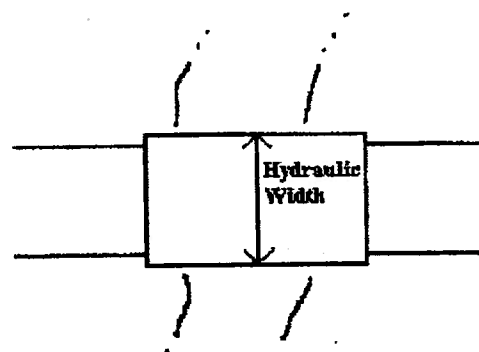
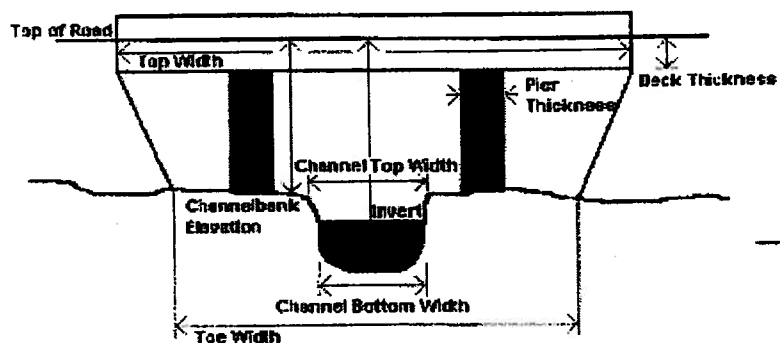


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

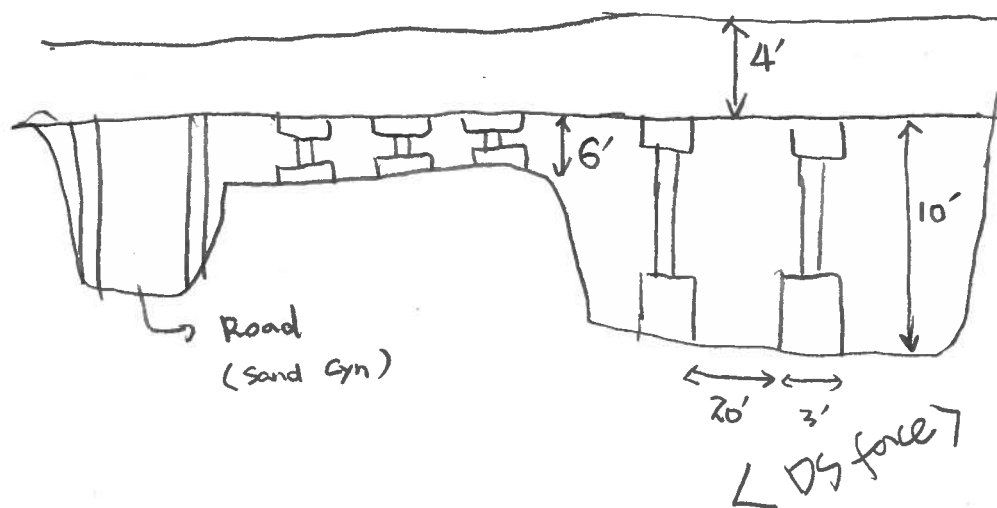
DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS
	5'	3'



PHOTOS

Name

Description



ADDITIONAL CHANNEL INFORMATION

Land Use

Open space w/ small residential area

Vegetative Cover

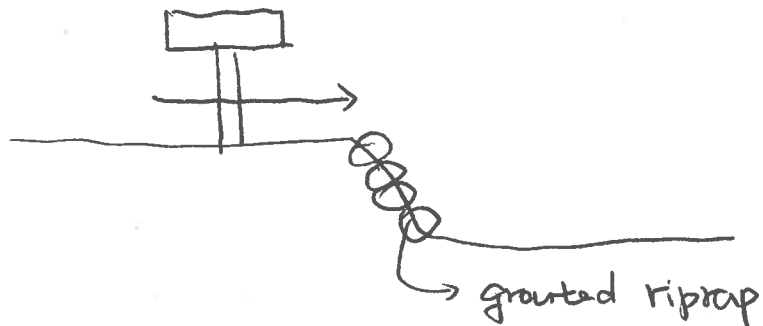
Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks



STRUCTURE SURVEY TEMPLATE

				DATE	10.23.08
ROAD NAME	Road Runner Rd			COUNTY	LA
STREAM NAME	Sand Cyn			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)		Dip - crossing			
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)		Wingwalls Type 0°, 45°, 90°
Pier Shape			Bitumast Coated		Projecting
Culvert		1) Circular	Steel	Top of Road EL	Flush with Slope
Dam		2) Rectangle (Span X Rise)	Timber		MES (Mitered End Section)
Highway		3) Elliptical	Ductile		FES (Flared End Section)
Water Barrel		4) Con/Span	Clay	From Topo Map (FT.NGVD) or (FT.NAVD)	
Outlet		5) Elevated Arch	Masonry Rock		
		6) Pipe Arch			
		7) Other			

Pier Shape

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

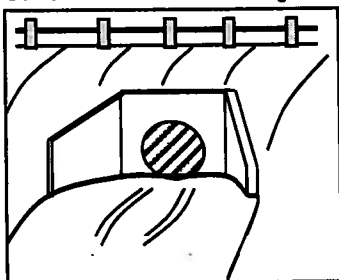


Types (Shape) of Culvert

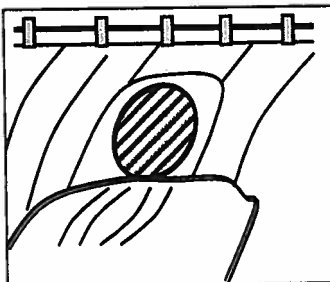
- | | | |
|-------------|------------------|---------------|
| 1) Circular | 2) Rectangle | 3) Elliptical |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

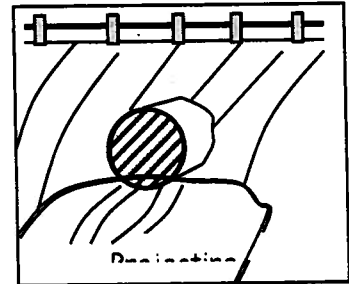
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope

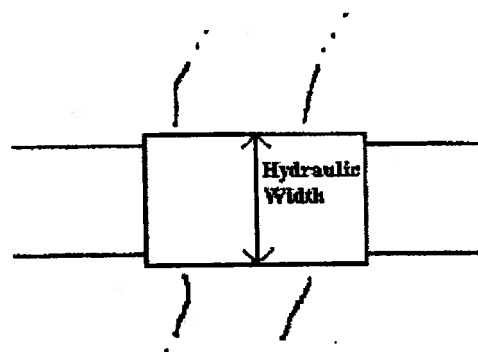
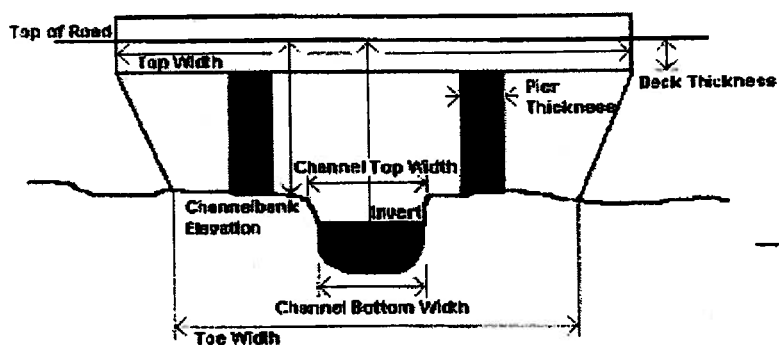


Projecting from Fill



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

ADDITIONAL CHANNEL INFORMATION

Land Use

Residential

Vegetative Cover

Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

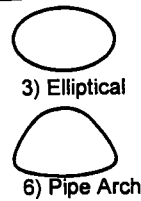
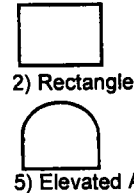
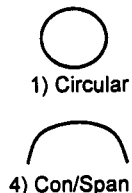
				DATE	10-23-08
AD NAME	Valley Ranch			COUNTY	LA
STREAM NAME	Sand Syn			PHOTO ID #	
STRUCTURE #	4	X,Y COORDINATE			
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)		Dip - xing			
HIGH WATER MARK (Description, 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)		Wingwalls Type 0°, 45°, 90°
Pier Shape			Bitmus Coated		Projecting
Culvert		1) Circular	Steel	Top of Road EL	Flush with Slope
Dam		2) Rectangle (Span X Rise)	Timber		MES (Mitered End Section)
Millway		3) Elliptical	Ductile		FES (Flared End Section)
Gravel Barrel		4) Con/Span	Clay	From Topo Map (FT.NGVD) or (FT.NAVD)	
Outlet		5) Elevated Arch	Masonry Rock		
		6) Pipe Arch			
		7) Other			

Pier Shape

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



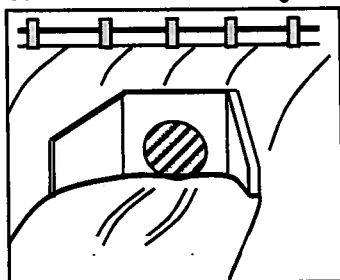
Types (Shape) of Culvert



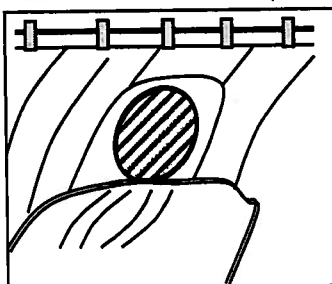
7) Other

Inlet/Outlet Type

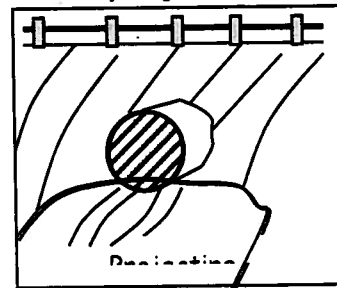
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

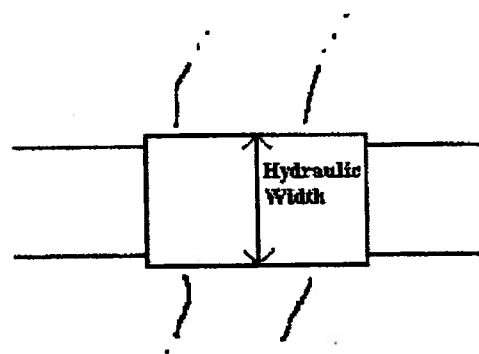
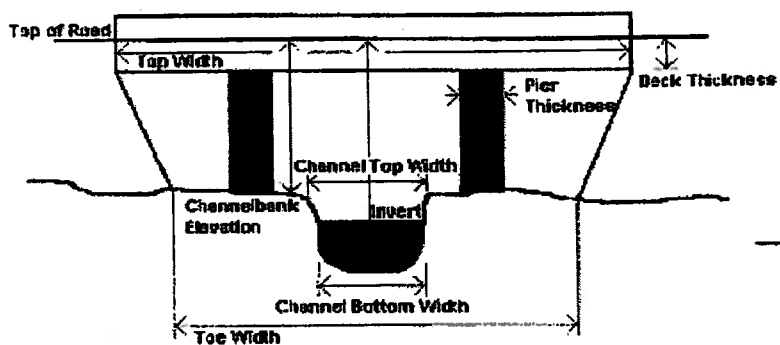


CHANNEL INFORMATION

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

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ADDITIONAL CHANNEL INFORMATION

Land Use

Residential

Vegetative Cover

Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

				DATE	10.23.08
ROAD NAME		Alamo Cyn Rd		COUNTY	LA
STREAM NAME		Sand Cyn		PHOTO ID #	
STRUCTURE #		5		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)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape Culvert Dam Millway User 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)

Pier Shape

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

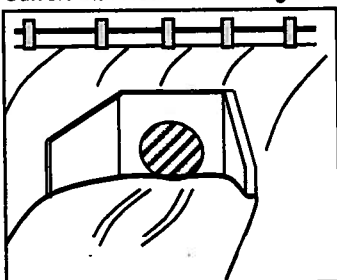


Types (Shape) of Culvert

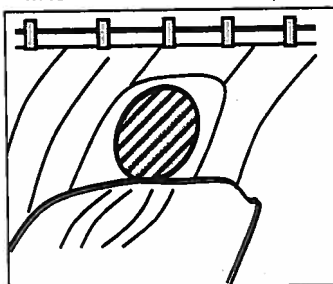
- | | | |
|-------------|------------------|---------------|
| 1) Circular | 2) Rectangle | 3) Elliptical |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

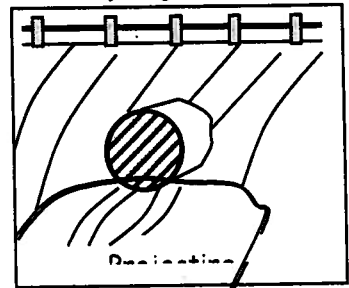
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

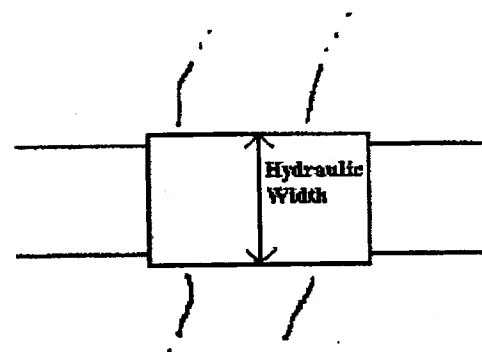
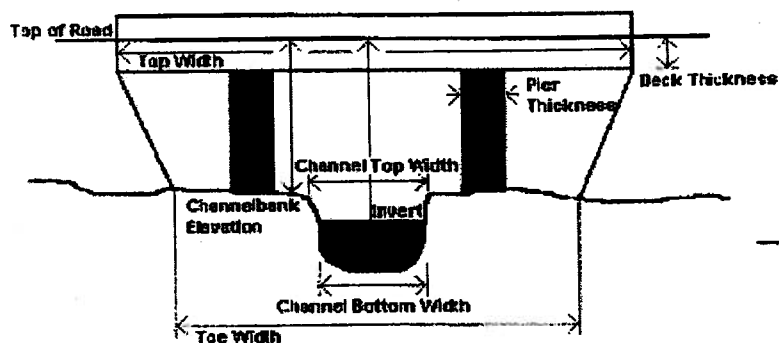


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

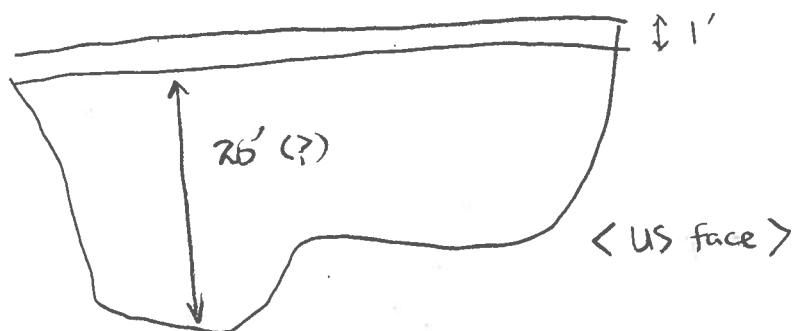
DECK THICKNESS	TOP WIDTH	TOE WIDTH
1'		
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name

Description



ADDITIONAL CHANNEL INFORMATION

Land Use

Residential

Vegetative Cover

Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

				DATE	10.23.08
ROAD NAME	Sultus St.			COUNTY	LA
STREAM NAME	Sand Cyn			PHOTO ID #	
STRUCTURE #	6	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 - xing / drop @ DS side			
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)		Wingwalls Type 0°, 45°, 90°
Pier Shape			Bitum Coated		Projecting
Culvert		1) Circular	Steel	Top of Road EL	Flush with Slope
Dam		2) Rectangle (Span X Rise)	Timber		MES (Mitered End Section)
Millway		3) Elliptical	Ductile	From Topo Map (FT.NGVD) or (FT.NAVD)	FES (Flared End Section)
Gravel Barrel		4) Con/Span	Clay		
Outlet		5) Elevated Arch	Masonry Rock		
		6) Pipe Arch			
		7) Other			

Pier Shape

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

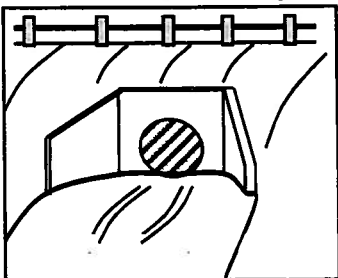


Types (Shape) of Culvert

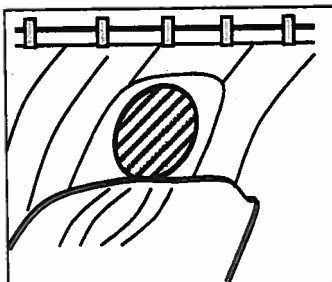
- 1) Circular
- 2) Rectangle
- 3) Elliptical
- 4) Con/Span
- 5) Elevated Arch
- 6) Pipe Arch
- 7) Other

Inlet/Outlet Type

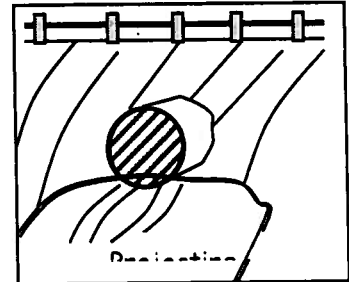
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

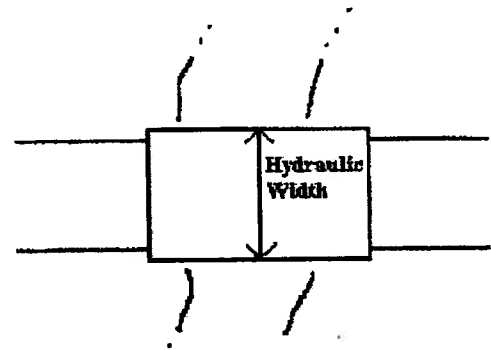
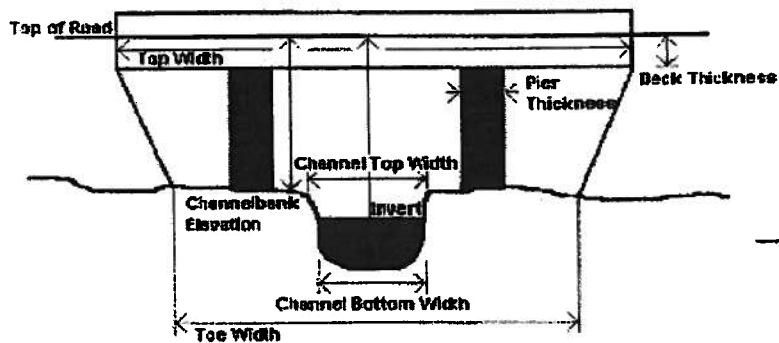


CHANNEL INFORMATION

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

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ADDITIONAL CHANNEL INFORMATION

Land Use

Residential

Vegetative Cover

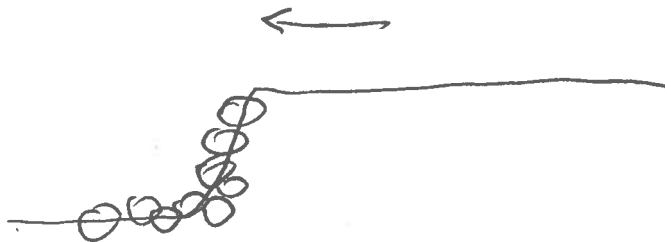
Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks



STRUCTURE SURVEY TEMPLATE

				DATE	10.23.08
ROAD NAME	Placerita Cyn Rd			COUNTY	LA
STREAM NAME	Sand Cyn			PHOTO ID #	
STRUCTURE #	7	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)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge <u>Span Bridge</u> Pier Shape Culvert Dam Millway Sinker 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 <u>0°</u> , 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

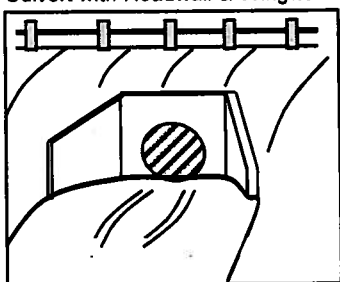


Types (Shape) of Culvert

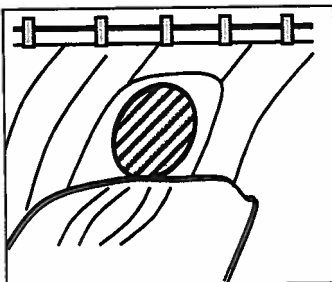
- | | | |
|-------------|------------------|---------------|
| 1) Circular | 2) Rectangle | 3) Elliptical |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

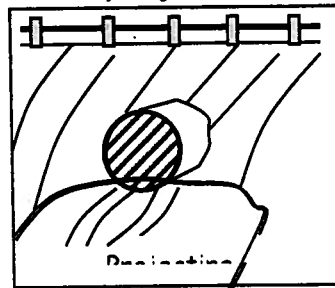
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

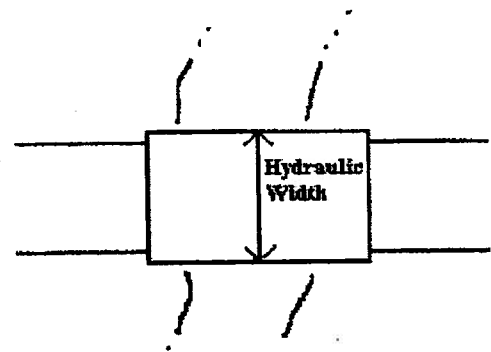
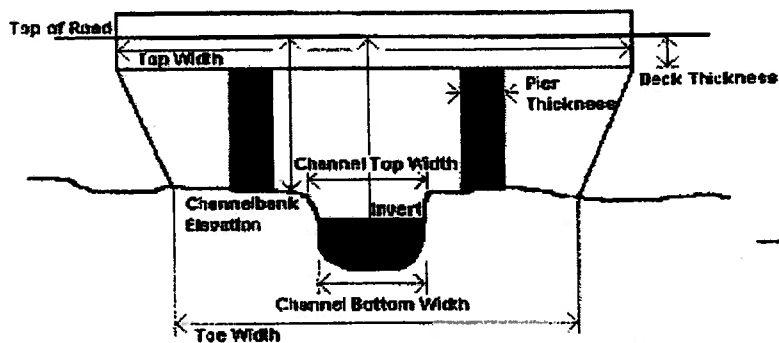


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

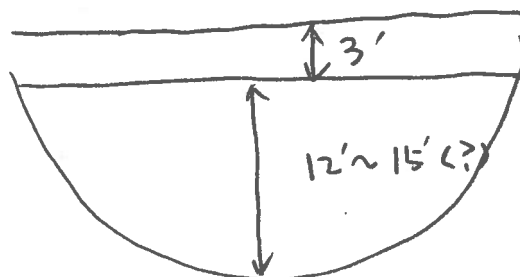
DECK THICKNESS	TOP WIDTH	TOE WIDTH
3'		
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name

Description



ADDITIONAL CHANNEL INFORMATION

Land Use Open space + residential

Vegetative Cover _____

Bed Material sand + gravel

General Channel Condition _____

Banks _____

Overbanks _____

STRUCTURE SURVEY TEMPLATE

				DATE	10 23 08
ROAD NAME		Sand Cyn Rd		COUNTY	LA
STREAM NAME		Sand Cyn		PHOTO ID #	
STRUCTURE #		8	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			
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)		Wingwalls Type 0°, 45°, 90°
Pier Shape			Bitmus Coated		Projecting
Culvert		1) Circular	Steel	Top of Road EL	Flush with Slope
Dam		2) Rectangle (Span X Rise)	Timber		MES (Mitered End Section)
Millway		3) Elliptical	Ductile		FES (Flared End Section)
Under Barrel		4) Con/Span	Clay	From Topo Map (FT. NGVD) or (FT. NAVD)	
Outlet		5) Elevated Arch	Masonry Rock		
		6) Pipe Arch			
		7) Other			

Pier Shape

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

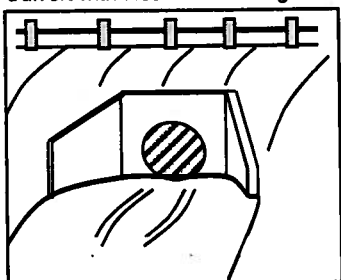


Types (Shape) of Culvert

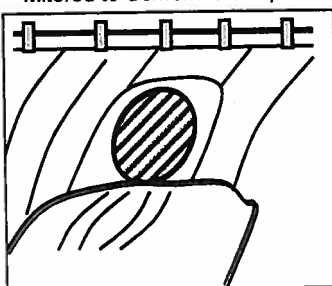
- | | | |
|-------------|------------------|---------------|
| 1) Circular | 2) Rectangle | 3) Elliptical |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

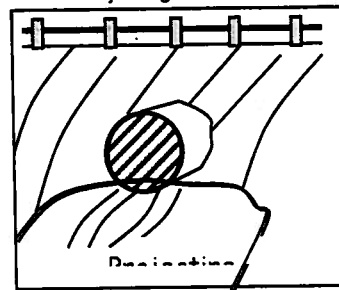
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

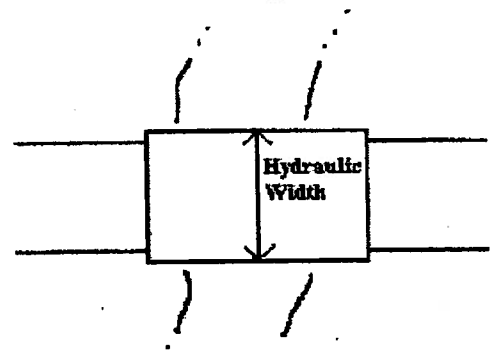
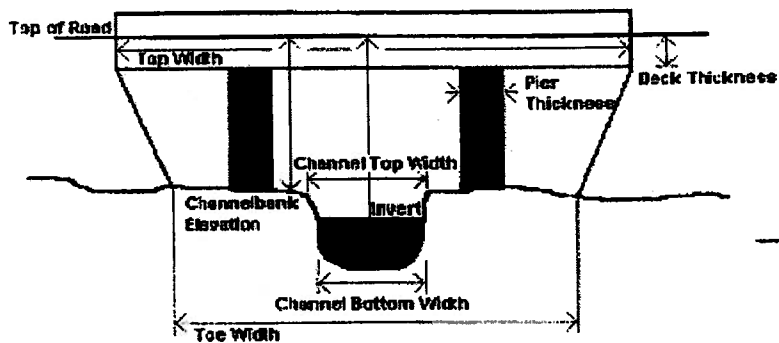


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

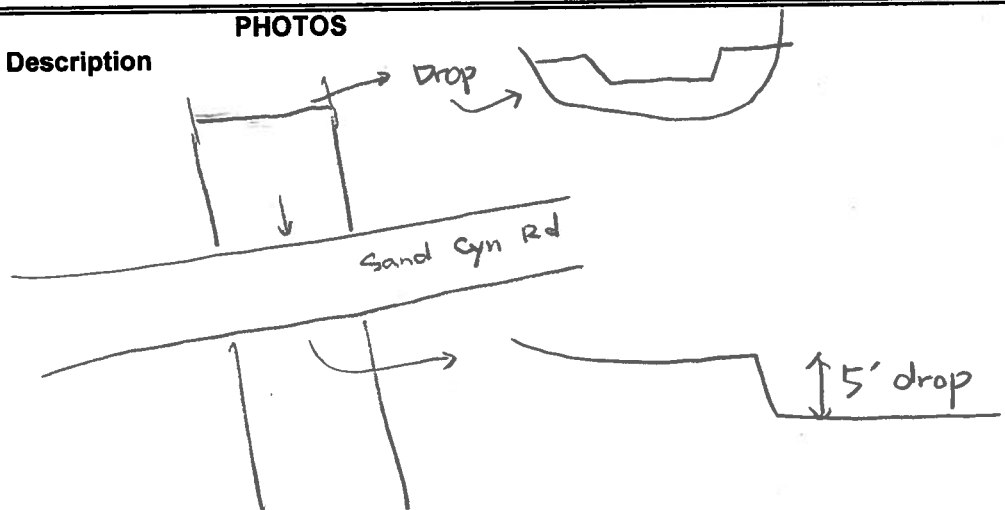
DECK THICKNESS	TOP WIDTH	TOE WIDTH
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name

Description



ADDITIONAL CHANNEL INFORMATION

Land Use

Open space

Vegetative Cover

Bed Material

sand + gravel

General Channel Condition

Banks

Overbanks