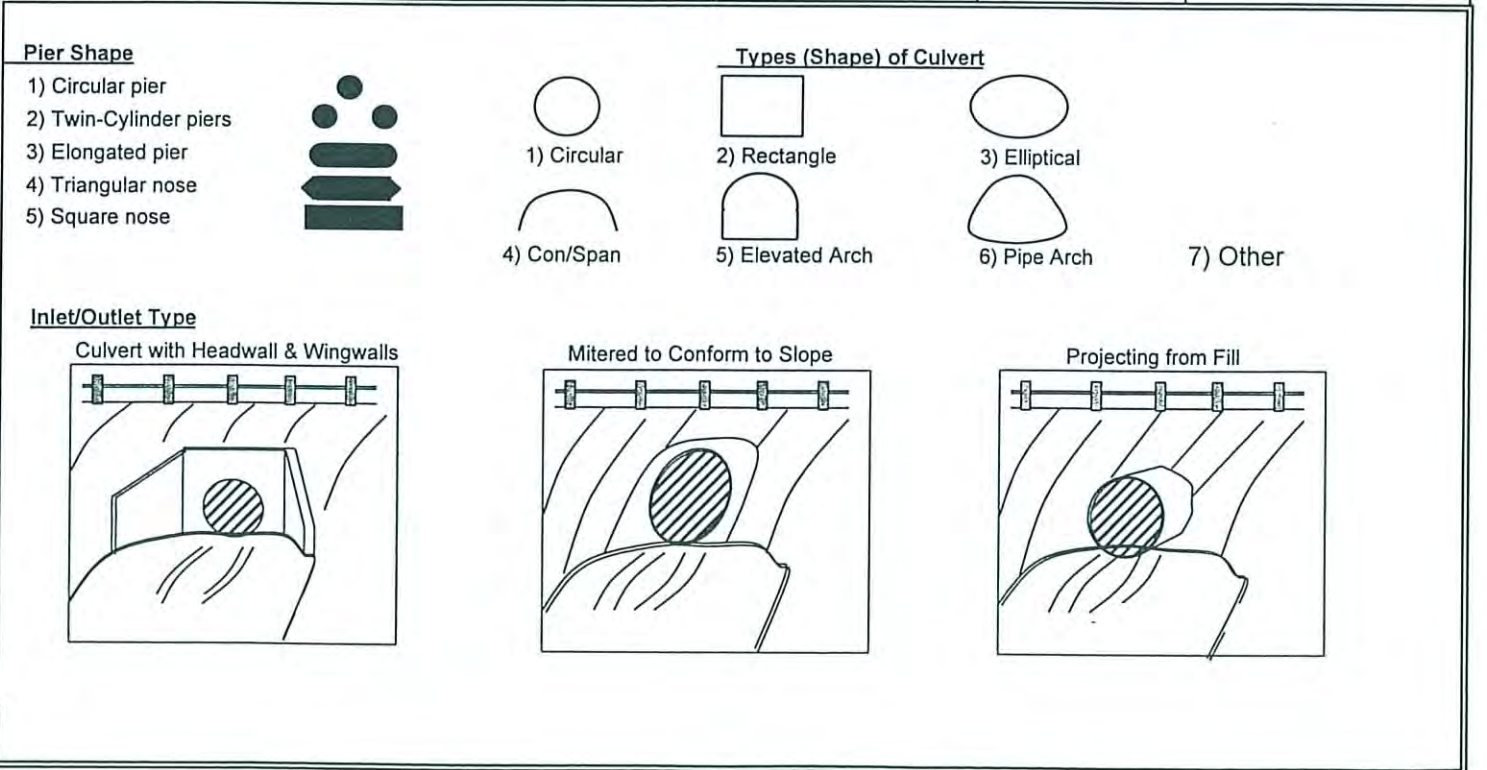


STRUCTURE SURVEY TEMPLATE

					DATE	3/6/08
ROAD NAME				COUNTY		
STREAM NAME				PHOTO ID #		
STRUCTURE #		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)		Mouth (entrance to SCR)				
HIGH WATER MARK (Description, Witness, and Date)						
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE	
Bridge Span Bridge Pier Shape		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	
Culvert Dam Spillway Riser Barrel Outlet		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 From Topo Map (FT.NGVD) or (FT.NAVD)	MES (Mitered End Section) FES (Flared End Section)	

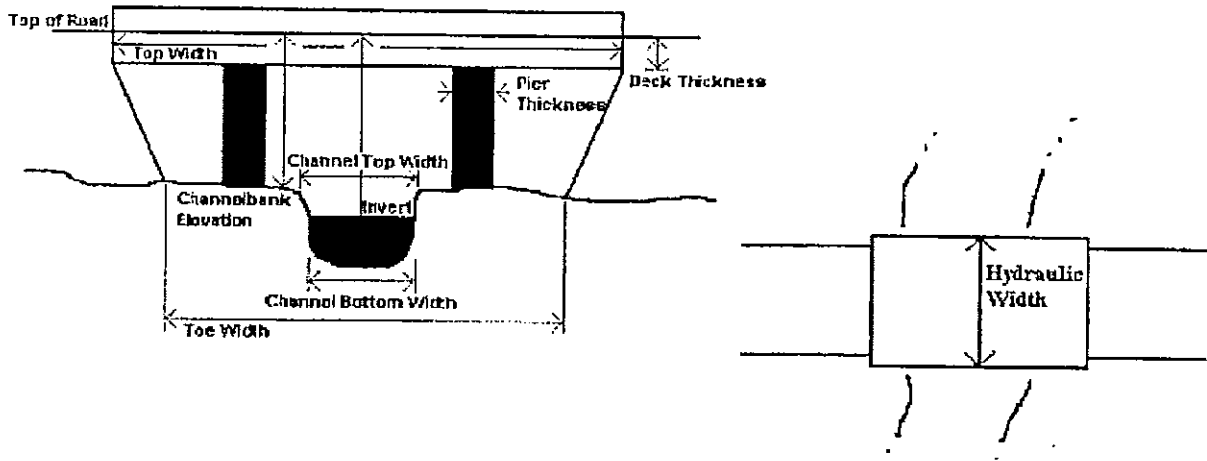


CHANNEL INFORMATION

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
203	looking d/s @ SCR from mouth	
204	looking ups @ mouth	

ADDITIONAL CHANNEL INFORMATION

Land Use

Vegetative Cover

sandy gravel bottom

Bed Material

erosive sandy material, wide channel

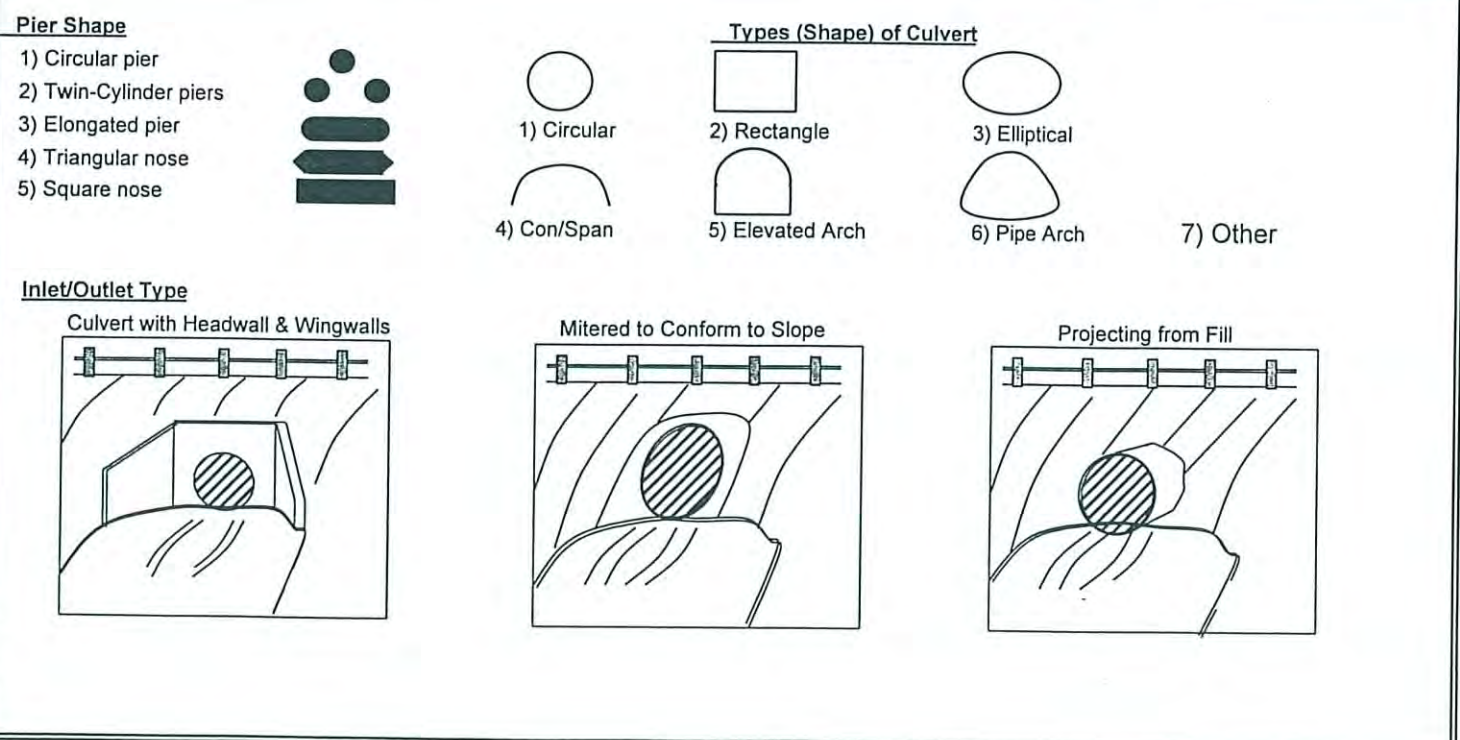
General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

					DATE	3/6/08
ROAD NAME	Culvert d/s of RR bridge				COUNTY	
STREAM NAME	Fairview Rd. drain				PHOTO ID #	
STRUCTURE #	FIELD 2		X,Y COORDINATE			
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE	
Railroad Bridge		4' culverts, but filled w/ sections		Top of Road EL		
SPECIAL NOTE (Conditions, Blockage, etc)		Culvert 10' d/s of RR bridge - only have about 44" from invert to top of culvert				
HIGH WATER MARK (Description, Witness, and Date)						
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE	
Bridge Span Bridge Pier Shape Culvert Dam Spillway Riser 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)	

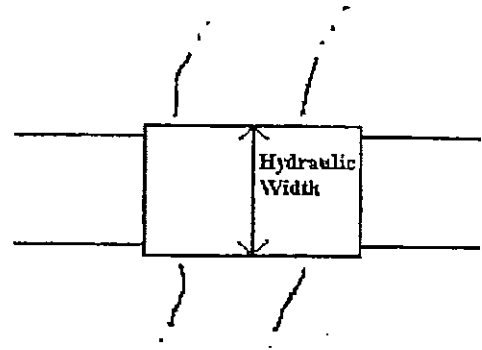
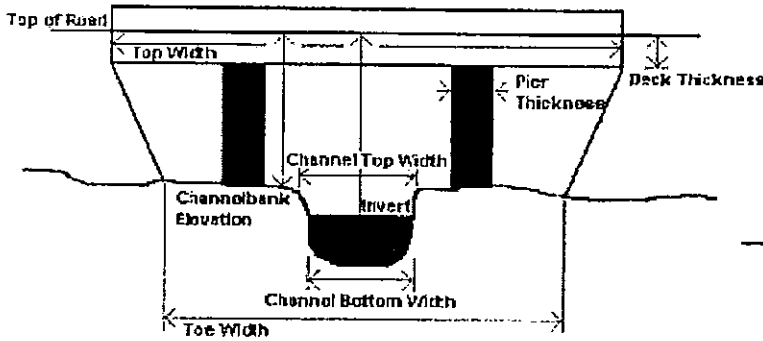


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
2'		
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name	Description
205	d/s side of culvert looking
206	d/s of culvert ^{u/s} looking d/s.
207	u/s of culvert looking d/s.

ADDITIONAL CHANNEL INFORMATION

Land Use

Vegetative Cover

Bed Material

see photos

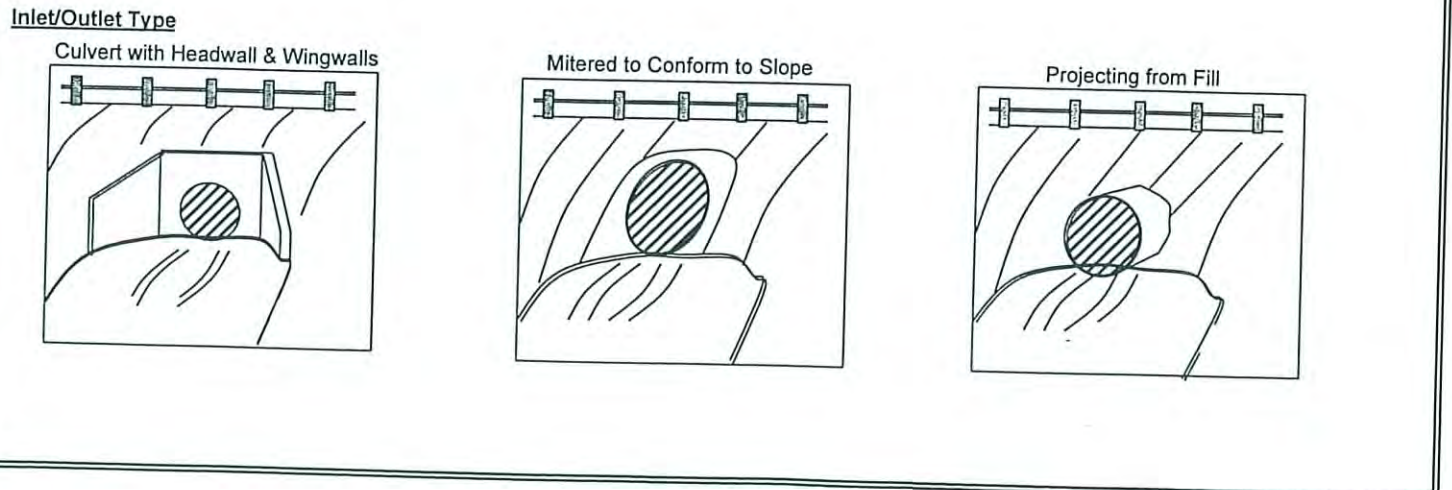
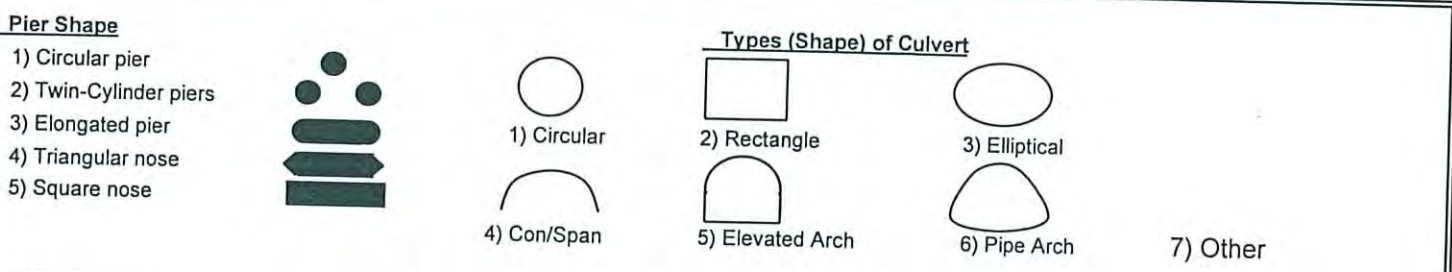
General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

					DATE	3/6/08
ROAD NAME					RR bridge	
STREAM NAME					Fairview Rd. drain	
STRUCTURE #					FRDB	
TYPE					X,Y COORDINATE	
LENGTH		SIZE (W X H) & SHAPE		MATERIAL		Road to Bed
13'		abutment to abutment		vertical timber abutments		INLET/OUTLET TYPE
Railroad Bridge		x 7'				Top of Road EL
SPECIAL NOTE (Conditions, Blockage, etc)						
HIGH WATER MARK (Description, Witness, and Date)						
TYPE		CULVERT TYPE		MATERIAL		Road to Bed
Bridge		Number of Barrels		RCP (Reinforced Concrete Pipe)		Height from Top of Road to Invert
Span Bridge		1) Circular		CMP (Corrugated Metal Pipe)		Top of Road EL
Pier Shape		2) <u>Rectangle (Span X Rise)</u>		Bitmus Coated		From Topo Map (FT.NGVD) or (FT.NAVD)
Culvert		3) Elliptical		Steel		Headwall
Dam		4) Con/Span		Timber		Wingwalls Type 0°, 45°, 90°
Spillway		5) Elevated Arch		Ductile		Projecting
Riser Barrel		6) Pipe Arch		Clay		Flush with Slope
Outlet		7) Other		Masonry Rock		MES (Mitered End Section)
						FES (Flared End Section)

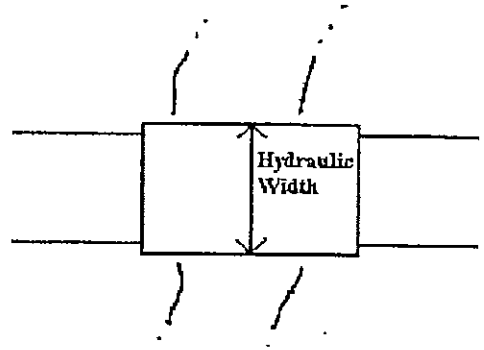
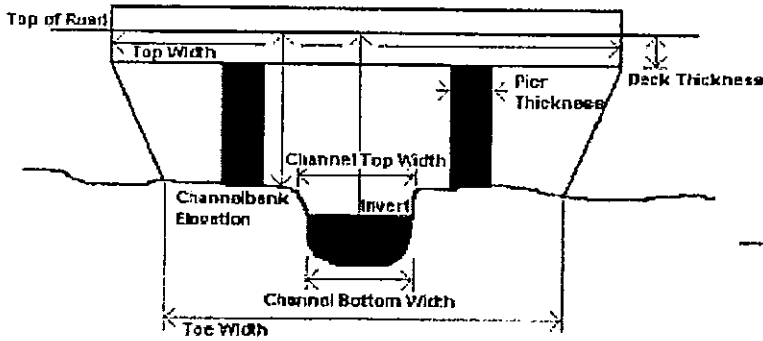


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
28"		
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name	Description
208	d/s side of R/R Bridge looking w/s
209.	

ADDITIONAL CHANNEL INFORMATION

Land Use

Vegetative Cover

see photos

Bed Material

General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE







ROAD NAME				DATE	
126				3/6/08	
STREAM NAME				COUNTY	
Fairview Rd. drain					
STRUCTURE #		X,Y COORDINATE			
FRD4					
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge		6' diameter			
SPECIAL NOTE (Conditions, Blockage, etc)				Top of Road EL	
v/s is rectangular concrete channel w/ ~1 ft drop structures every 10 ft					
HIGH WATER MARK (Description, Witness, and Date)					
TYPE	LENGTH	CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape Culvert Dam Spillway Riser 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) Bitum 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

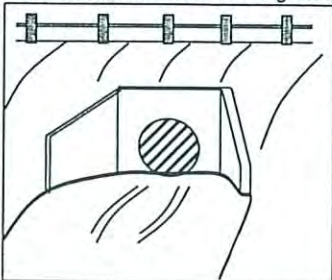


Types (Shape) of Culvert

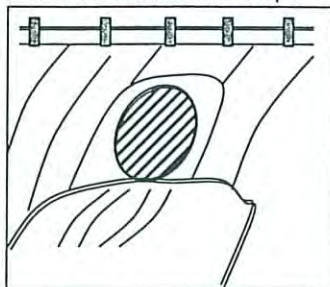
- | | | |
|---|---|---|
|  |  |  |
| 1) Circular | 2) Rectangle | 3) Elliptical |
|  |  |  |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

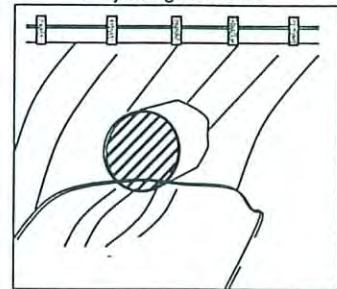
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

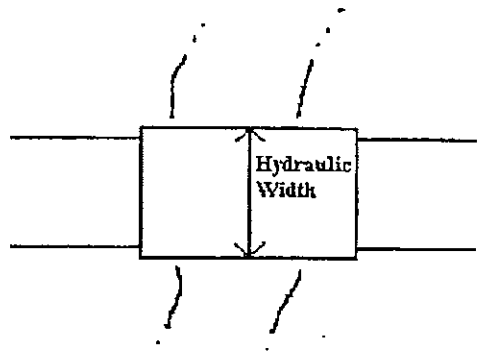
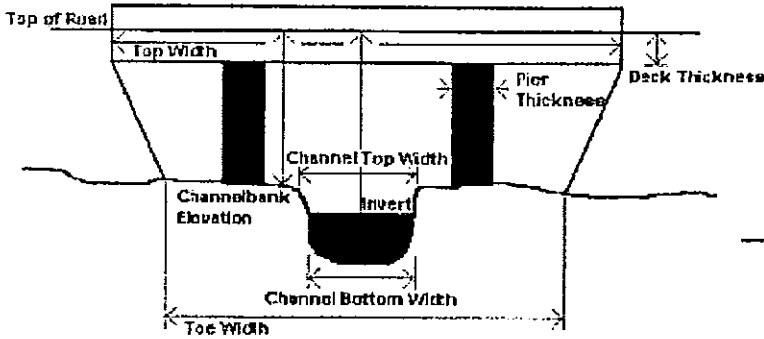


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

DECK THICKNESS	TOP WIDTH	TOE WIDTH
3' above culvert to road		
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



PHOTOS

Name	Description
209	v/s side of Hwy 126 culvert looking
210	v/s of culvert looking v/s

ADDITIONAL CHANNEL INFORMATION

Land Use

Vegetative Cover

sand + gravel in bottom of
concrete channel.

Bed Material

the traps show evidence of
concrete ^{erosion} rectangular culvert,
very steep.

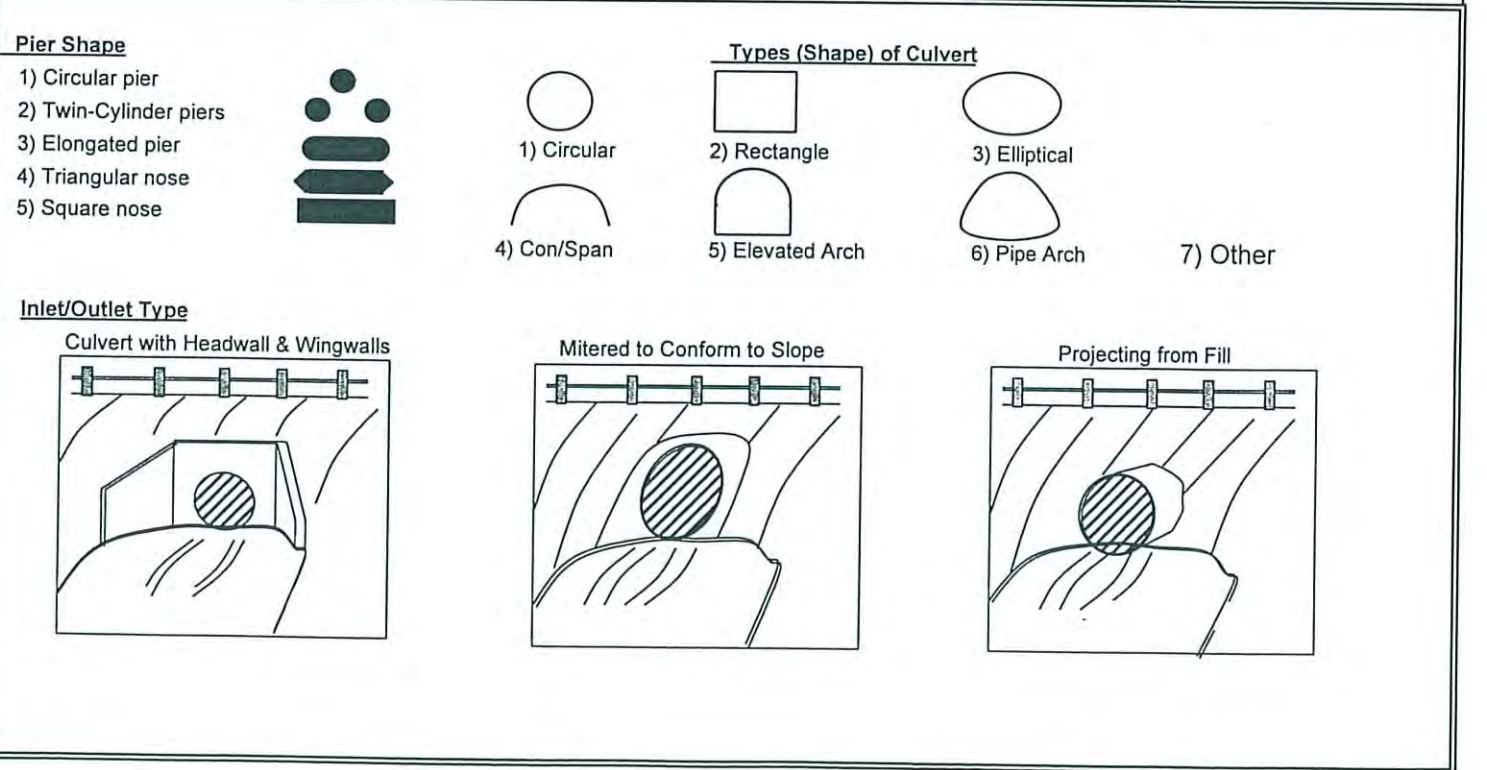
General Channel Condition

Banks

Overbanks

STRUCTURE SURVEY TEMPLATE

				DATE	3/6/08
ROAD NAME				COUNTY	
STREAM NAME <i>Fairview Rd drain</i>				PHOTO ID #	
STRUCTURE # <i>FRD 5</i>		X,Y COORDINATE			
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge		<i>8' x 54"</i>			
				Top of Road EL	
SPECIAL NOTE (Conditions, Blockage, etc)		<i>9" slabs over FRD w/s of Aug 12C</i>			
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 Wingwalls Type 0°, 45°, 90° Projecting Flush with Slope
Span Bridge		1) Circular	CMP (Corrugated Metal Pipe)		
Pier Shape		2) Rectangle (Span X Rise)	Bitmus Coated	From Topo Map (FT.NGVD) or (FT.NAVD)	
Culvert		3) Elliptical	Steel		
Dam		4) Con/Span	Timber		
Spillway		5) Elevated Arch	Ductile		
Riser Barrel		6) Pipe Arch	Clay		
Outlet		7) Other	Masonry Rock		

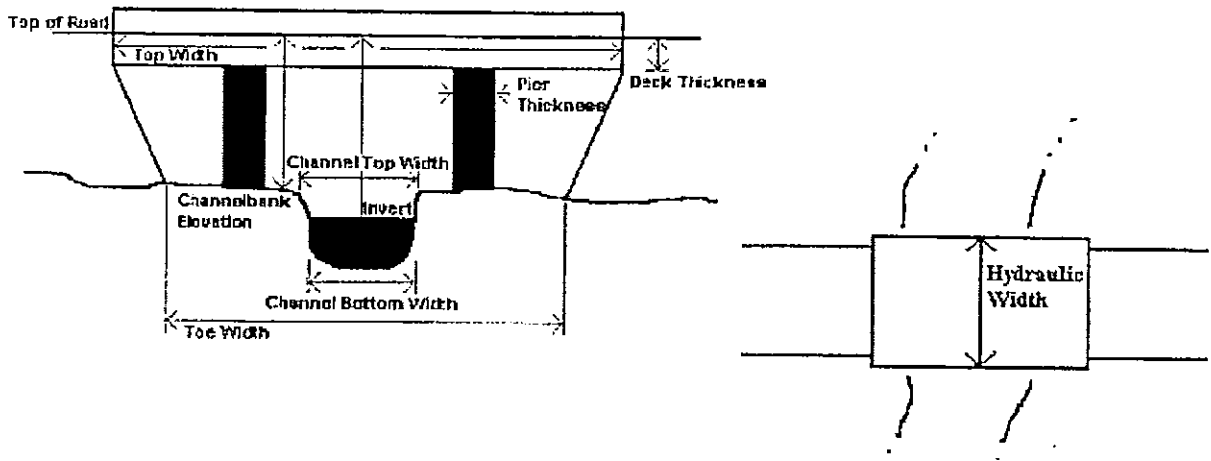


CHANNEL INFORMATION

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
211	d/s side of crossing looking u/s	
	could not get further u/s because of private property.	

ADDITIONAL CHANNEL INFORMATION

Land Use

Vegetative Cover

see previous

Bed Material

General Channel Condition

Banks

Overbanks
