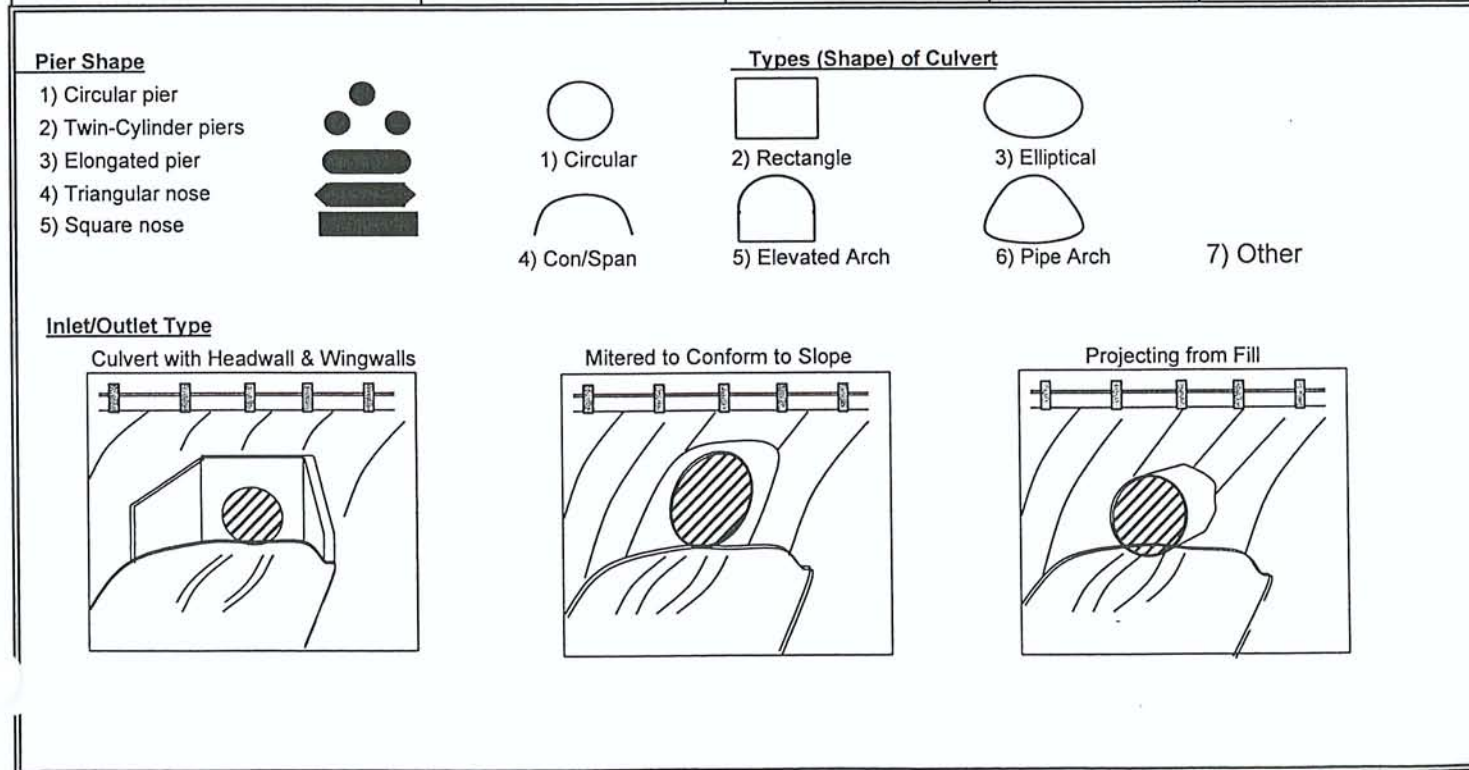


STRUCTURE SURVEY TEMPLATE

				DATE	3.6.08
ROAD NAME		RR		COUNTY	
STREAM NAME		Timber Canyon		PHOTO ID #	
STRUCTURE #		1		X,Y COORDINATE	
TYPE	LENGTH	SIZE (W X H) & SHAPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Railroad Bridge			Wood	Top of Road: EL	
SPECIAL NOTE (Conditions, Blockage, etc)		trestle bridge 4 sets of piers 6 columns per pier			
HIGH WATER MARK (Description, Witness, and Date)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge Pier Shape <i>circle</i> 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)

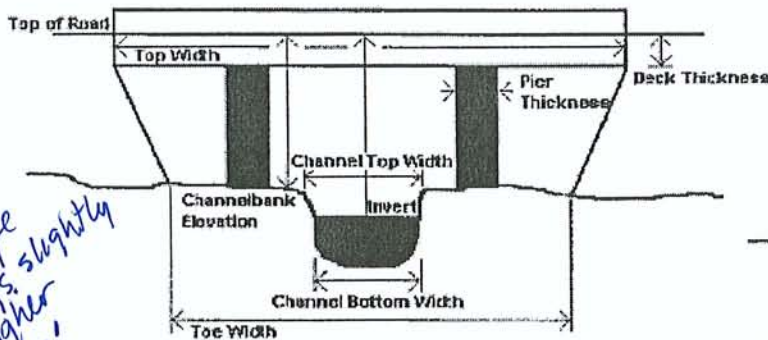


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

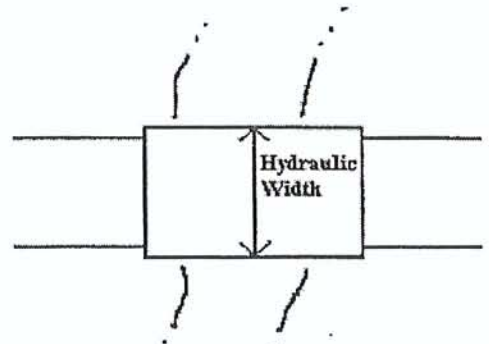
DECK THICKNESS	TOP WIDTH	TOE WIDTH
	75'	
HYDRAULIC WIDTH	NUMBER OF PIERS	PIER THICKNESS



Left pipe hangs slightly higher ~ 1'

< Photo List >

TC1 #210 ~ #213



1-7", 1-9" suspended pipeline crossing unmed D/S -- pipes hang lower than bridge soffit. bottom of pipes 8.5' above dia channel bottom

Name	Description	PHOTOS
buysar	old timber bridge vertical wood abutments	top of rail ~ 9" above ties t ~ 2'10"
	~ 75'	12' max ~ 15'
		* Small pipe is suspended. * Larger D/S pipe has 2, 9" dia vert piers (pipes).

ADDITIONAL CHANNEL INFORMATION

orchard

Land Use

u/s many trees
d/s none

Vegetative Cover

u/s silty sand
d/s cobbles

Bed Material

u/s thickly vegetated
d/s clear

General Channel Condition

wild sloped banks, u/s & d/s, lateral erosion on L bank u/s.
very brushy u/s, mostly clear d/s, some brush on L bank.

Banks

flat orchard.

Overbanks

STRUCTURE SURVEY TEMPLATE

					DATE	3.6.08	
ROAD NAME				Hwy 126		COUNTY	
STREAM NAME				Timber 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)							
HIGH WATER MARK (Description, Witness, and Date)							
<i>notes at outlet, siltation has reduced opening height to ~ 7'</i>							
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		2	CMP (Corrugated Metal Pipe)		Wingwalls Type 0°, 45°, 90°		
Pier Shape		1) Circular	Bitmus Coated	Top of Road EL	Projecting		
Culvert	<i>long curving culvert</i>	2) Rectangle (Span X Rise)	Steel		Flush with Slope		
Dam		3) Elliptical	Timber	MES (Mitered End Section)			
Spillway		4) Con/Span	2'	Ductile	FES (Flared End Section)		
Riser Barrel		5) Elevated Arch	<i>head wall</i>	Clay			
Outlet		6) Pipe Arch		Masonry Rock			
		7) Other					
					From Topo Map (FT.NGVD) or (FT.NAVD)		

Pier Shape

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

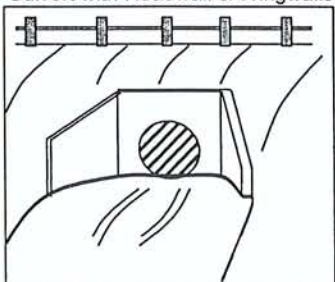


Types (Shape) of Culvert

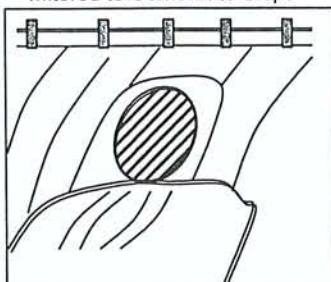
- | | | |
|-------------|------------------|---------------|
| | | |
| 1) Circular | 2) Rectangle | 3) Elliptical |
| | | |
| 4) Con/Span | 5) Elevated Arch | 6) Pipe Arch |
| 7) Other | | |

Inlet/Outlet Type

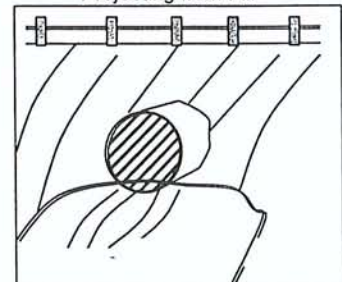
Culvert with Headwall & Wingwalls



Mitered to Conform to Slope



Projecting from Fill

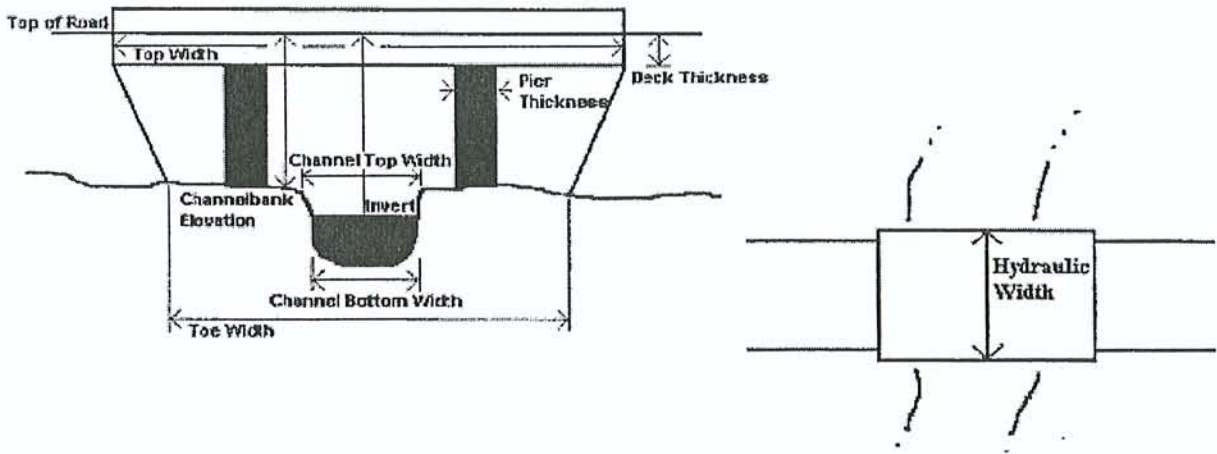


CHANNEL INFORMATION

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
< Photo List > TC2 #214~#217	<p>ⓐ inlet warped walls debris nose some debris @ front. conc lined inlet chute pier width ~ 8"</p>	

ADDITIONAL CHANNEL INFORMATION

29 - orchard

Land Use

full eucalyptus $\frac{1}{2}$ s on L bank

Vegetative Cover

cobbles $\frac{1}{2}$ s

siltation $\frac{1}{2}$ s

Bed Material

ill-defined, very brausing $\frac{1}{2}$ s

cutback on bottom, silty, trees on banks $\frac{1}{2}$ s

General Channel Condition

mild earthen banks, dense vegetation $\frac{1}{2}$ s

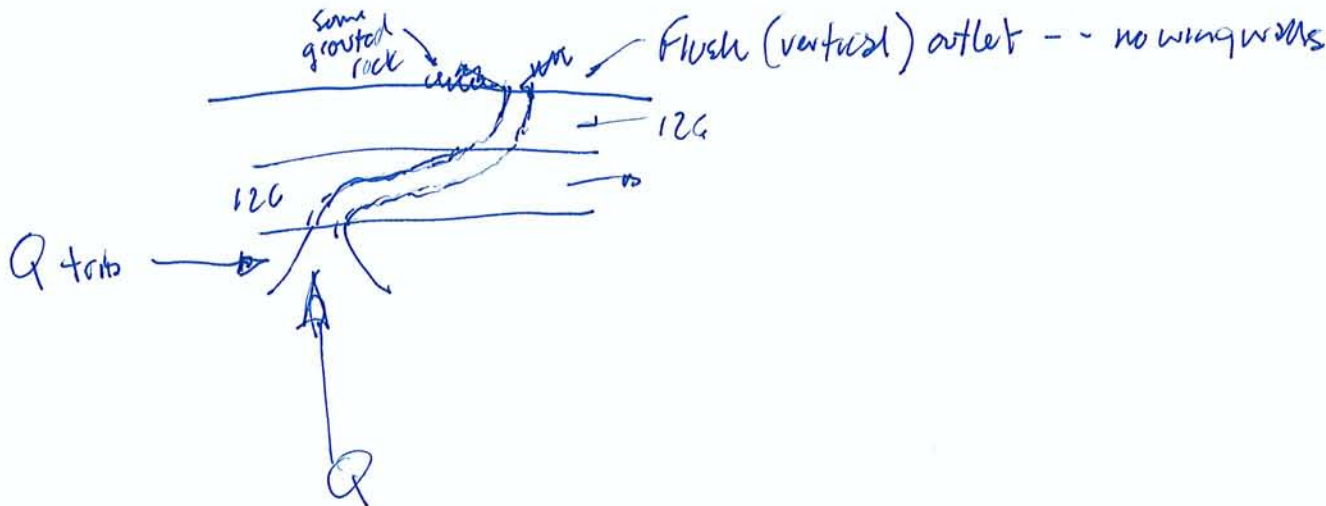
mild sloped $\frac{1}{2}$ s

Banks

orchard both banks $\frac{1}{2}$ s & $\frac{1}{2}$ s

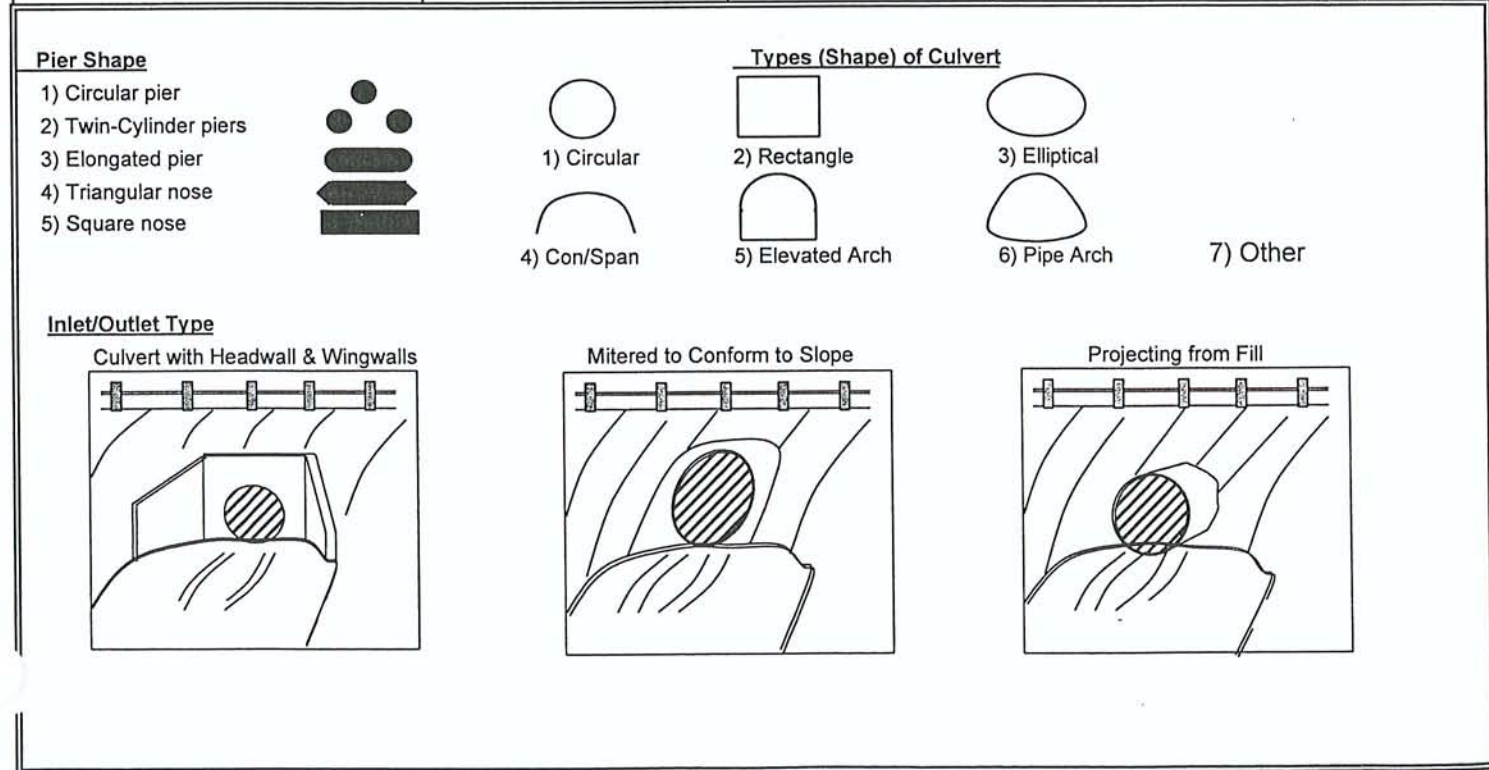
residue $\frac{1}{2}$ s on R bank

Overbanks



STRUCTURE SURVEY TEMPLATE

				DATE	3-6-09
ROAD NAME		Private orchard rd		COUNTY	
STREAM NAME		Tucker Crn		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)		Arch - see sketch & pix			
HIGH WATER MARK (Description, Witness, and Date)					
TYPE		CULVERT TYPE	MATERIAL	Road to Bed	INLET/OUTLET TYPE
Bridge Span Bridge <i>Arch</i> 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)

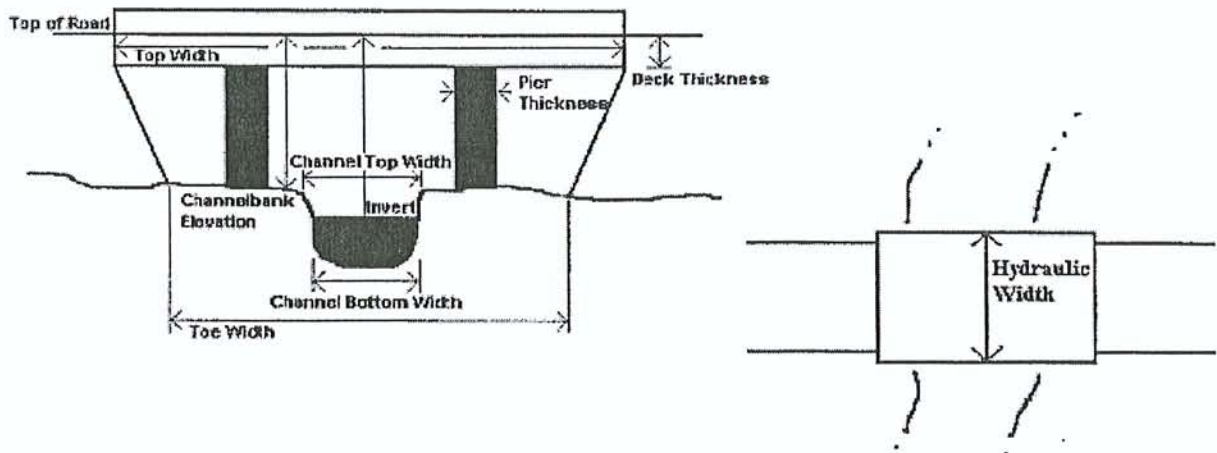


CHANNEL INFORMATION

ROAD TO BANK	CHANNEL TOP WIDTH	CHANNEL BOTTOM WIDTH

BRIDGE INFORMATION

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



Name	Description	PHOTOS
< Photo List > TC3 #218 ~ #221	<p>A hand-drawn sketch of a circular structure, possibly a culvert or well. It shows a circle with a vertical diameter line labeled '7'' and a horizontal diameter line labeled '12''. The interior of the circle is filled with cross-hatching, suggesting a stone or brick construction. There are some additional lines and markings around the circle, possibly representing a foundation or surrounding structure.</p>	<p><i>t min ~ 16 inches</i></p> <p><i>Appears 'rock hewn'</i></p> <p><i>but once had CM form inside</i></p> <p><i>built of stone & grout</i></p>

ADDITIONAL CHANNEL INFORMATION

orchard - steep hills . .

Land Use

pine + oak

Vegetative Cover

large rocks & boulders

Bed Material

fairly clean $\frac{1}{2}$ s - steep cqn channel
more brush $\frac{1}{2}$ s

General Channel Condition

irregular, rocky

Banks

steep orchard

Overbanks
