CULVERT Tn.of	Long Lake	No.	PROJECT ID	
State of Wisconsin/Departr		- 10 1	·	
E-B-57-69	nem of transportation	C- 19-1		
LOCATION: STREAM		HIGHWAY NO.	FEDERAL PROJECT	
Long Lake Ou	tlet			
SECTION 17 TOV	VN 39N RANGE 15F			
NO. OF OPENINGS	CLEAR SPAN AT RIG	HT ANGLES	CLEAR HEIGHT	
1	7'-0"		7'-0"	
STATION	LOADING	ANGLE OF SKEW	LENGTH OF BARREL	
926 + 70	HS20	 н. F.	192'-6"	
INLET OPENING, TYPE		DISCHARGE OPENING,	MAX. DEPTH OF FILL	
C (Mod)		TYPE B (Mod) 32'-0"		
HYDRAULIC DATE: DE	SIGN Q	DRAINA	GE AREA	
	(100)	175 c.f.s.	13 sq. mi.	
LIST OF DRAWINGS				
X55051 - X55	15 μ			
SURVEY RECEIVED	JJ-T	PLANS COMPLETED	BUILT	
Sep	t. 1975	Jan. 1976	1976	
COMMENTS				
Re	el C110			
	· · · · · · · · · · · · · · · · · · ·			



Inspection Report for C-19-001

STH 139 over Long Lake Outlet Aug 29,2016



Type				Prior	Frequency (mos)	Performed
Routine				09-02-14	48	X
	Latitude 45°51'40.00"N			STATE HIGHWA STATE HIGHWA		
Time Lo	og	Team members				
Hours 0	Minutes 35					

Name	Number	Signature	Date
Inspector		Brock Genrig	
Gehrig, Brock	7006	E-signed by Brock Gehrig(dotbag)	08-31-16

BRIDGE INSPECTION REPORT Wisconsin Department of Transportation DT2007 2003 s.84.17 Wis. Stats.

page 2

Identification & Location

Feature On: STH 139		Section Tov S17 T39					ructure Nui		
Feature Under: Long Lake Outlet		County: FLOREN	ICE		C-19-001				
Location 200 feet S OF B-19-4				Municipality: LONG LAKE			ructure Nai	me:	
Geometry measurements in feet, except v	where noted					affic anes	ADT	ADT year	Traffic Pattern
Approach Roadway Width: 40	Bridge Roadway Width: 24.0	Tota 193	I Length: 3.0	0	n	2	1000	2015	TWO WAY TRAFFIC
Culvert Barrel Length: Culvert Width: 7.0		Culv 7.0	rert Height:						

Capacity Load Rating

Oupdoity	Loud Mating		
Inventory rating:	Overburden depth (in): 132.0	Last rating date:	Controlling:
Operating rating:	Deck surface material:	Re-rate for capacity (Y/N):	Control location:
Posting:	Re-rate notes:		

 Hydraulic
 Classification

 Scour Critical Code(113):
 Q100 (ft3/sec):

 High water elevation (ft):
 Velocity (ft/sec):
 Sufficieny #:

Span(s)

Span #	Material	Configuration	Depth (in)	Length (ft)	Main	
1	CONCRETE	BOX CULVERT		7.0	Y	

Clearance

Item	File Measurement (ft)	File Date	New Measurement (ft)
Highway Min Vertical On Cardinal			
Horizontal On Cardinal			

Construction History

Year	Work Performed	FOS id
1976	NEW STRUCTURE	0000-00-00

Maintenance Items

Item	Priority	Recommended by	Status	Status change
Misc - Repair / Replace Utilities or Signs	MEDIUM	Petersen, Dale (4506)	APPROVED	09/02/14
Add B/W culvert markers to ends of box.				

BRIDGE INSPECTION REPORT Wisconsin Department of Transportation DT2007 2003 s.84.17 Wis. Stats.

page 3 Structure No.: **C-19-001**

Elements

							Quantity in Co	ondition State	
Chk	Element	Defect	Description	UOM	Total	1	2	3	4
			Reinforced Concrete Culvert	LF	193	147	41	5	0
Χ	241								
			Cracking (RC)	LF		0	41	5	0
		1130	random cracks with leakage and effl. 5 ceiling crks leaching,effl w/ rust stains.						
					0.				

Assessments

							Quantity in Co	ondition State	
Chk	Element	Defect	Description	UOM	Total	1	2	3	4
			Signs - Object Markers	EA	2	0	0	0	2
Х	9030		culvert markers missing	·		•			
			Slope Protection- Riprap	EA	2	0	2	0	0
Х	X 9045								
			Culvert End Treatment	EA	2	1	0	1	0
Χ	9248		Concrete aprons w/wings. SW wing replaced v	ith riprap	, NW wing	tipped 1 in	ch		
		Roadway Over Structure	EA	1	1	0	0	0	
Χ	9325		Asphalt			•			

NBI Ratings

	File	New
Deck	N	N
Superstructure	N	N
Substructure	N	N
Culvert	6	6
Channel	8	8
Waterway	8	8

Structure Specific Notes

Inspection Specific Notes 7 X 7 RCBC

Inspector Site-Specific Safety Considerations

Structure Inspection Procedures

Special Requirements

	Chk	Hours	Cost	Comments
Other Access Equipment	Х			Waders

page 4 Structure No.:C-19-001

Underwater Probe Form C-19-001

General Site Conditions - Scour

none

General Site Conditions - Embankment Erosion/Conditions

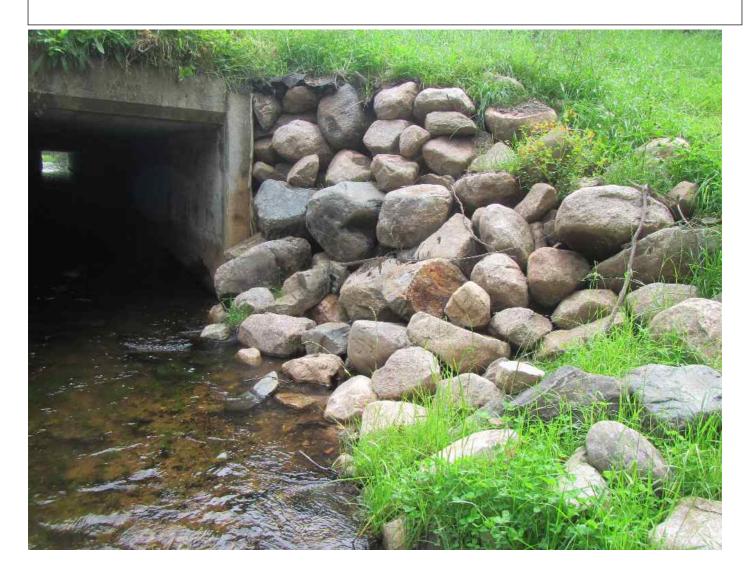
annod

Substructure Notes

Unit	Max Water Depth(ft)	Mode	Notes
Cardinal	1.0	Wade	
Non Cardinal	1.0	Wade	

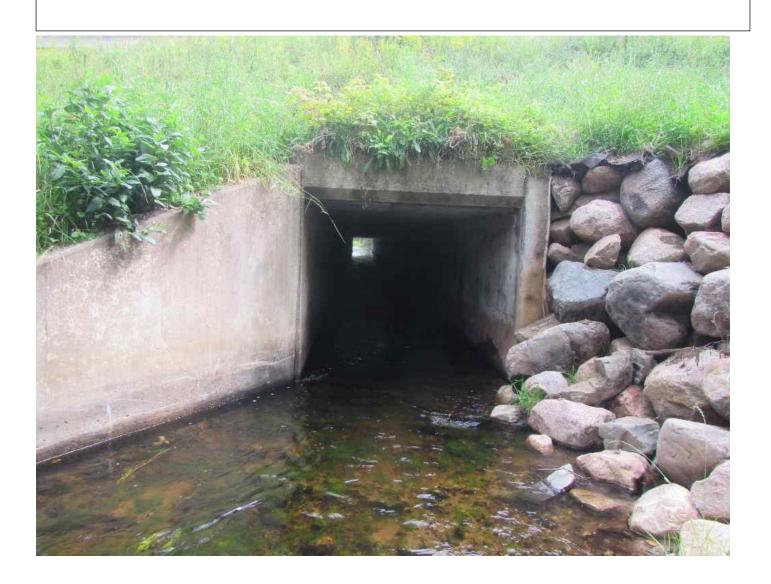
page 5 Structure No.:C-19-001

Routine Document Comment/Description



page 6 Structure No.:C-19-001

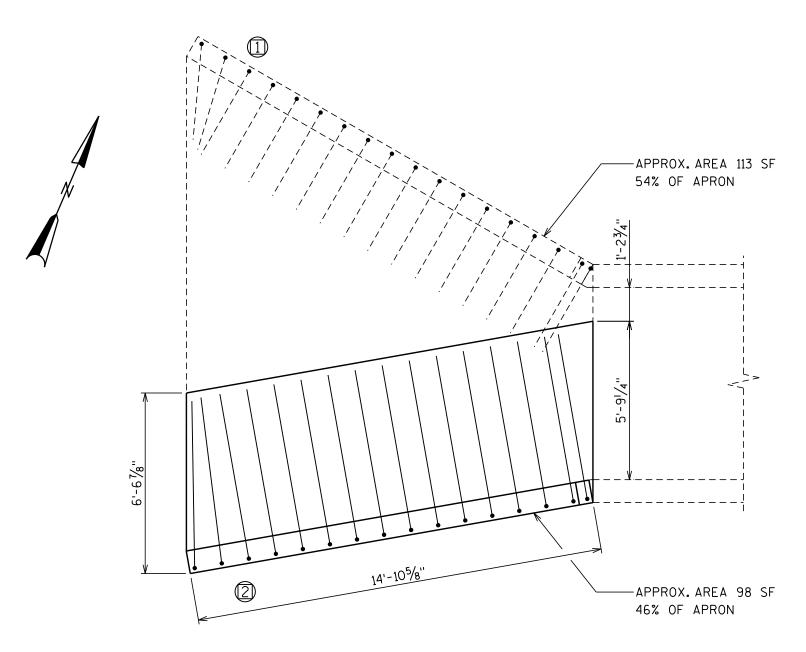
Routine Document Comment/Description



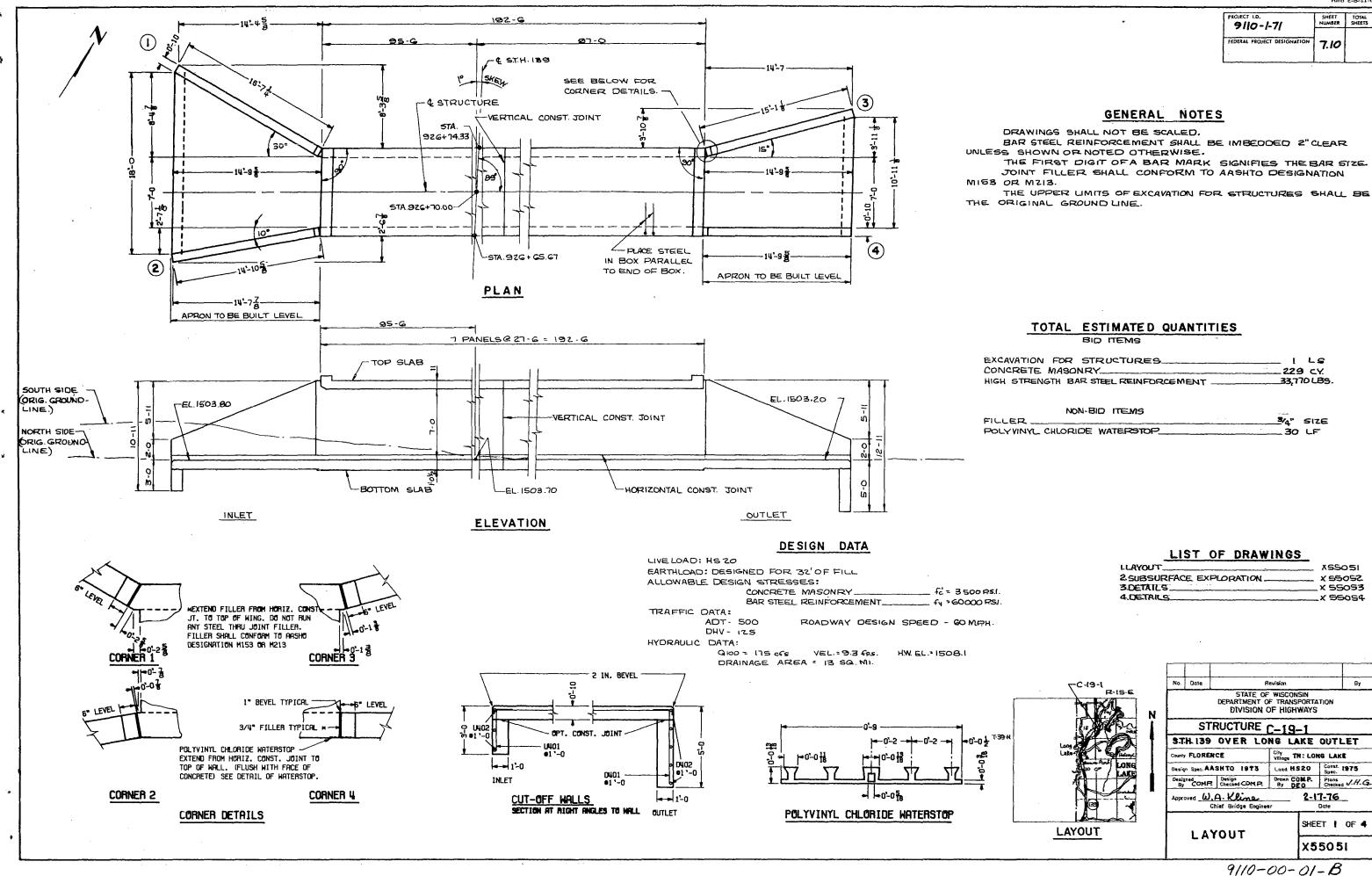
Routine Document Comment/Description

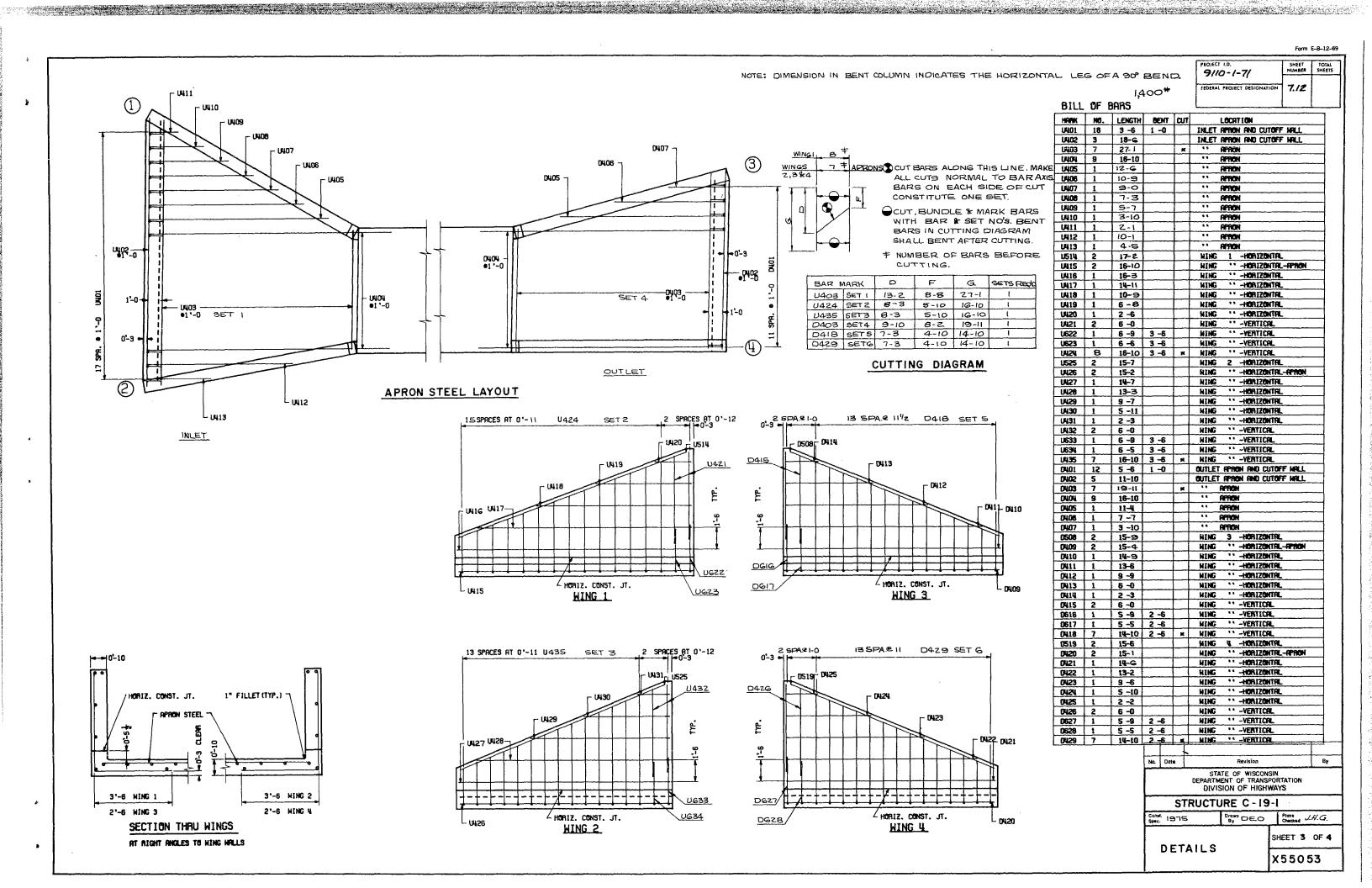


This page intentionally left blank



C-19-1 APRON WING REPLACEMENT





PROJECT I.D.

9/10-1-7/

SHEET NUMBER SHEETS

TOTAL SHEETS

TOTAL SHEETS

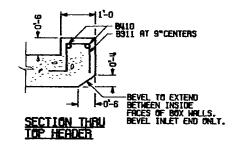
7./3

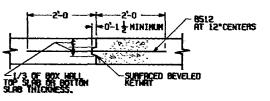
BILL OF BARS

THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE BAR SIZE.
THE DIMENSION IN THE BENT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A

" SHAPED	SAR.							
MARK	NUMBER REQ 10.	LENGTH	NGTH BENT CUTTING		T I PRI MAN LETRAN			
B6 01	784	7-3	2-3	NO	BODY-CORNERS			
B602	75G	ų -9	2-3	NO	n - a			
8403	196	2-0	NO	NO	" - Dowels			
B404	182	27-Z	N	NO	" - LONGITUDINAL			
B405	28	27-2	¥	NO	" - BOTTOM-LONGIT.			
8606	207	7-10	1 9	NO	" - " -TRANS.			
B407	196	7~0	NO	NO	" - SIDE VERTICAL			
B606	273	7-10	NG	NO	" - TOP TRANS.			
B409	49	27-2	NO	NO.	" - " LONGIT.			
B410	4	8-3	NG	NO	" ~ HEADER			
B311	22	3-0	#	NO	10 ··· /2			
B512	192	4-0	N	NO.	" - LONGIT. CONST. JT.			

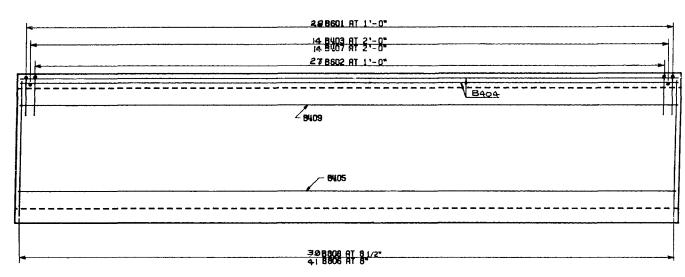
* BEND IN FIELD 32,370*





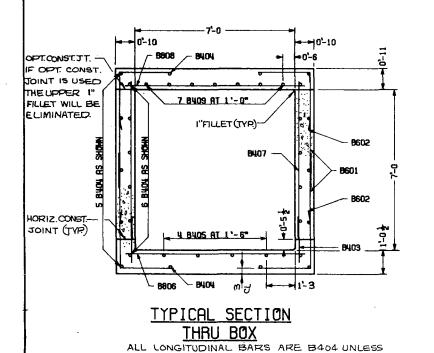
VERTICAL CONSTRUCTION JOINT

No.	Date	Revision		By					
	STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS								
	STRUCTURE C-19-1								
Cons Spec		BY DEO.	Plans Checked	H.G.					
	DF.	TAILS	SHEET 4 OF 4						
	~ L		X55054						

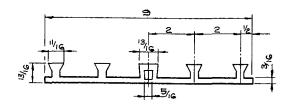


PLAN VIEW OF EXTERIOR PANEL

USE IDENTICAL STEEL IN OTHER PANELS.
APACH AND HEADER ARE NOT SHOWN.



SHOWN OR NOTED OTHERWISE.



POLYVINYL CHLORIDE WATERSTOP