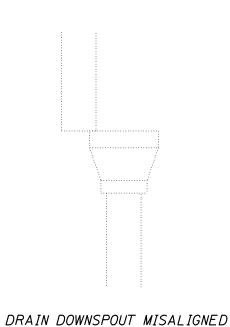
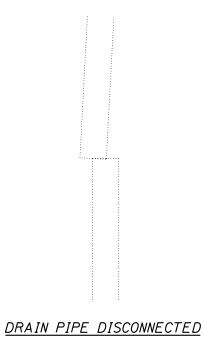


BROKEN DRAIN

1 LOOSE BOLT IN DRAIN CONNECTION

MISSING FASTENER ON DRAIN PIPE SUPPORT





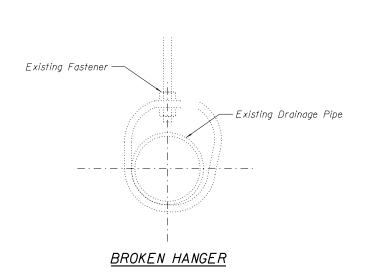


TABLE OF REPAIRS

	NBIS Item #	Span	Location	Deficiency	Repair		
	72		Midspan at Girder 4	Broken Hanger	Replace Hanger		
	72	9	Pan. 3, N. Side	Broken Hanger	Replace Hanger		
	72	9	Pan. 6, N. Side	Broken Hanger	Replace Hanger		
	72	9	Pan. 8, N. & S. Side	Broken Hanger	Replace Hanger		
	100	W	Under Stringer 5 at Bent W	Missing Fastener on Drain Pipe Support	Replace Fastener		
	144	9	Between L7 & L8, N. Side	Drain Downspout Misaligned	Realign Downspout		
	305	31, 32	North Column of Bent 31	Drain Pipe is Disconnected	Reconnect Drain Pipe		
	305	31, 32	North Column of Bent 31	Clogged, Full of Debris	*Unclog Drain		
	309	309 4 20' from Bent 3 at Girder 1 Brok		Broken Drain	Reconnect Drain Pipe		
	368	W	Throughout South Side	Clogged, Full of Debris	*Unclog Drain		
369		1, 2	North Column, 6' from Ground Level	1 Loose Bolt in Drain Connection	Tighten Bolt		
	372	9	Throughout South Side	Clogged, Full of Debris	*Unclog Drain		

*Cost included with Cleaning Drainage System.

Notes

Repair of the existing drainage system shall include but may not be limited to the locations shown. The final repair locations will be determined by the Engineer prior to repair.

All work shown on this sheet shall be included in pay item Bridge Drainage System Repair unless noted otherwise.

In addition to the repairs shown on this sheet, the drainage system for the entire bridge including scuppers, floor drains and downspouts shall be cleaned. Cost included with Cleaning Drainage System.

BILL OF MATERIAL

Item	Unit	Total
Bridge Drainage System Repair	Each	10
Cleaning Drainage System	L Sum	1



	USER NAME =	DESIGNED - JJA	REVISED -
TD.	FILE NAME =	CHECKED - TBP	REVISED -
	PLOT SCALE =	DRAWN - AJF	REVISED -
	PLOT DATE = 05/02/2014	CHECKED - VPT	REVISED -
		<u> </u>	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE REPAIR DETAILS S.N. 082–6001 MLK BRIDGE OVER MISSISSIPPI RIVER
SHEET NO. S128 OF S138 SHEETS

.A.P.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.	
799	1BR, DRS-2		ST. CLAIR	156	146	
		CONTRACT NO. 76BO3				
ILLINOIS FED. AID PROJECT						