



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a	38	7	10'-4"	
d1	5	4	8'-8"	
d	9	4	4'-5"	
d1	9	4	4'-8"	
d2	19	4	6'-4"	
h	19	6	6'-9"	
h1	14	5	6'-9"	
h2	3	6	8'-5"	
h3	5	6	7'-9"	
h4	11	6	3'-9"	
h5	14	6	9'-9"	
h6	14	6	8'-0"	
v	20	4	5'-1"	
v1	12	4	5'-8"	
v2	2	4	6'-0"	
v3	4	4	7'-0"	
v4	2	4	8'-0"	
x	42	4	5'-8"	
x1	14	4	10'-4"	
x2	12	4	6'-4"	
x3	21	4	3'-10"	
CONCRETE BOX CULVERTS			CU. YD.	12.8
REINFORCEMENT BARS			POUND	2,300

**BAR BENDING DIAGRAMS**

Bar	A		B		C	
	Ft.	In.	Ft.	In.	Ft.	In.
d1	0	9	1	1		
d2	1	0	1	8		
h5	6	9	3	0	2	1/2
h6	5	0	3	0	2	1/2

DESIGNED	ASP
CHECKED	CDS
DRAWN	LNB
CHECKED	ASP

REVISIONS	
NAME	DATE

**DLZ** 85 W. Algonquin Rd. Ste. 220  
Arlington Heights IL 60005  
DLZ Illinois, Inc.

**CULVERT 'H'**  
**BARBILL & DETAILS**  
U.S. ROUTE 30 (LINCOLN HIGHWAY)  
F.A.P. 353 (U.S. 30)  
SECTION (12 & 13) WRS-3  
STATION 401+72.78  
WILL COUNTY  
STRUCTURE NUMBER 099-C018