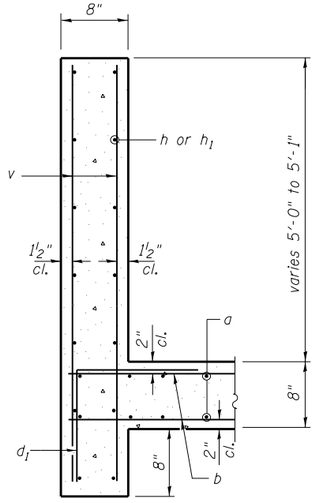
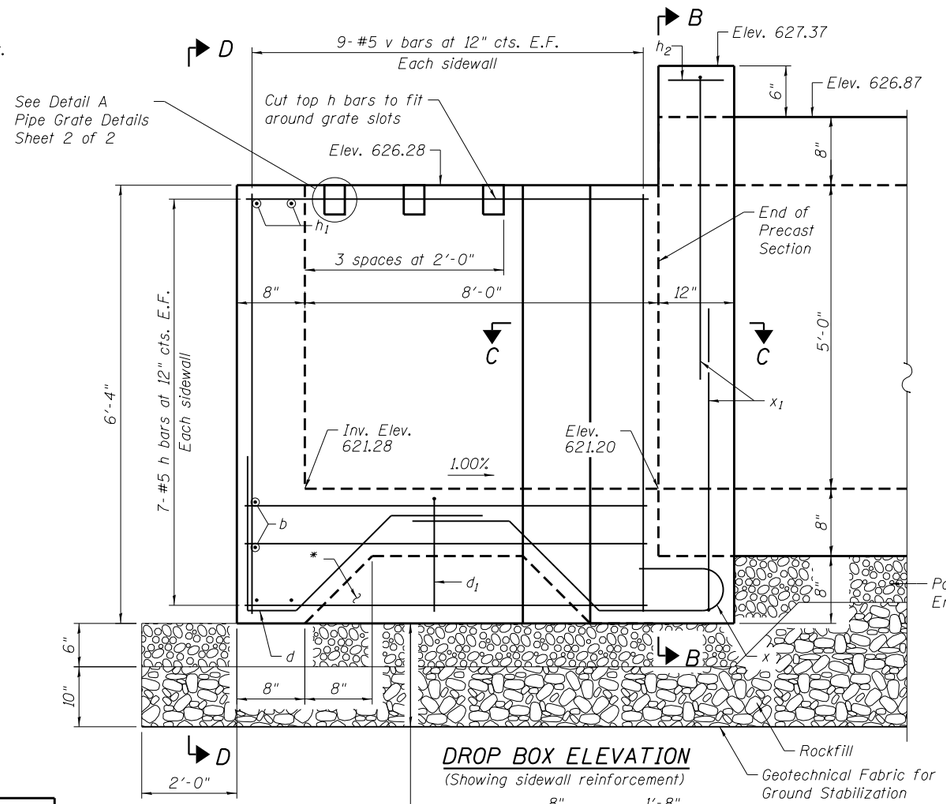
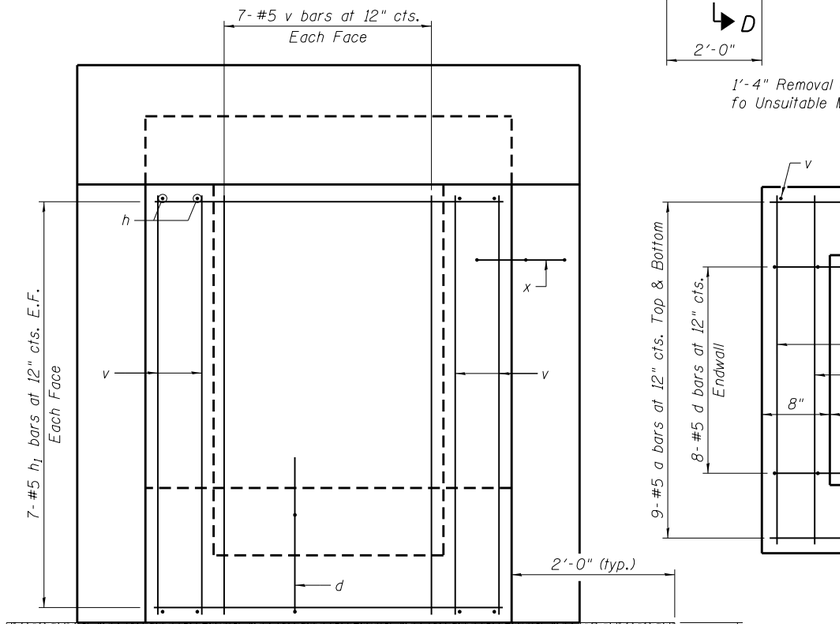
* Void shall be filled with low strength formed concrete or material approved by the Engineer. Cost included with Concrete Structures.



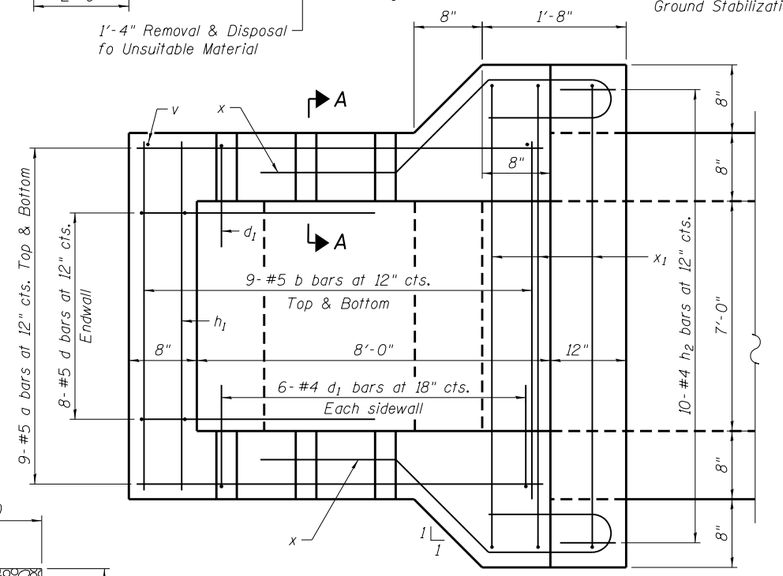
SECTION A-A



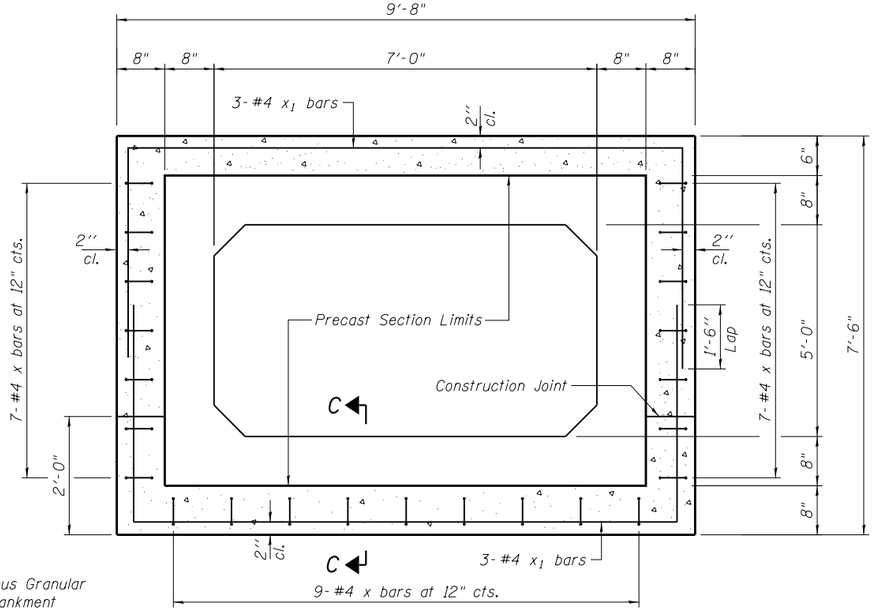
DROP BOX ELEVATION
(Showing sidewall reinforcement)



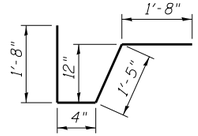
VIEW D-D
ENDWALL ELEVATION
(Showing endwall reinforcement)



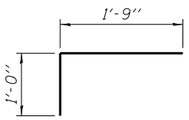
DROP BOX PLAN
(Showing slab reinforcement)



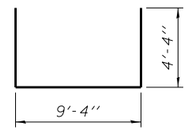
SECTION B-B



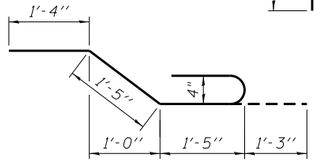
BAR d



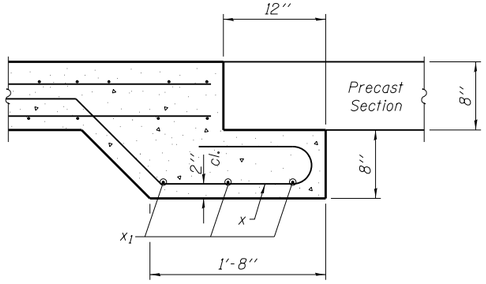
BAR d1



BAR x1



BAR x



SECTION C-C

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	18	#5	8'-4"	—
b	18	#5	8'-0"	—
d	8	#5	5'-1"	⌐
d_1	12	#5	2'-9"	⌐
h	28	#5	8'-4"	—
h_1	14	#5	8'-0"	—
h_2	10	#4	0'-8"	—
v	50	#5	6'-0"	—
x	23	#4	5'-5"	⌐
x_1	6	#4	18'-0"	⌐
Concrete Structures		Cu. Yd.	6.4	
Reinforcement Bars		Pound	1220	
Traversable Pipe Grate		Foot	57	

LICENSED STRUCTURAL ENGINEER
MARY COOMBE BLOXDORF
4859
SPRINGFIELD
STATE OF ILLINOIS

ILLINOIS STRUCTURAL NO. 4859
EXPIRES 11/30/20
DATE: 04/25/19

FILE NAME = pw:\\planroom.dot.illinois.gov:PWIDOT\Documents\IDOT Offices\District 4\Projects\D4.68758\CADData\CADSheets\Fehr Graham - IDOT Copies\0482502-68758-B01-culv-det.dgn

FEHR GRAHAM
ENGINEERING & ENVIRONMENTAL
ILLINOIS DESIGN FIRM NO. 184-003525

FEHR GRAHAM PROJECT NUMBER: 15-1004B

USER NAME = jacobsmr	DESIGNED - MCB	REVISED -	
	CHECKED - ARK	REVISED -	
PLOT SCALE = 0:2.000000 ':' / in.	DRAWN - MMY	REVISED -	
PLOT DATE = 5/10/2019	CHECKED - MCB	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DROP BOX DETAILS
ILLINOIS ROUTE 78 – SN 048-2502
SHEET NO. 1 OF 2 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22	48[(B-1)BR;CR]	KNOX	94	53
		CONTRACT NO. 68758		
	ILLINOIS FED. AID PROJECT			