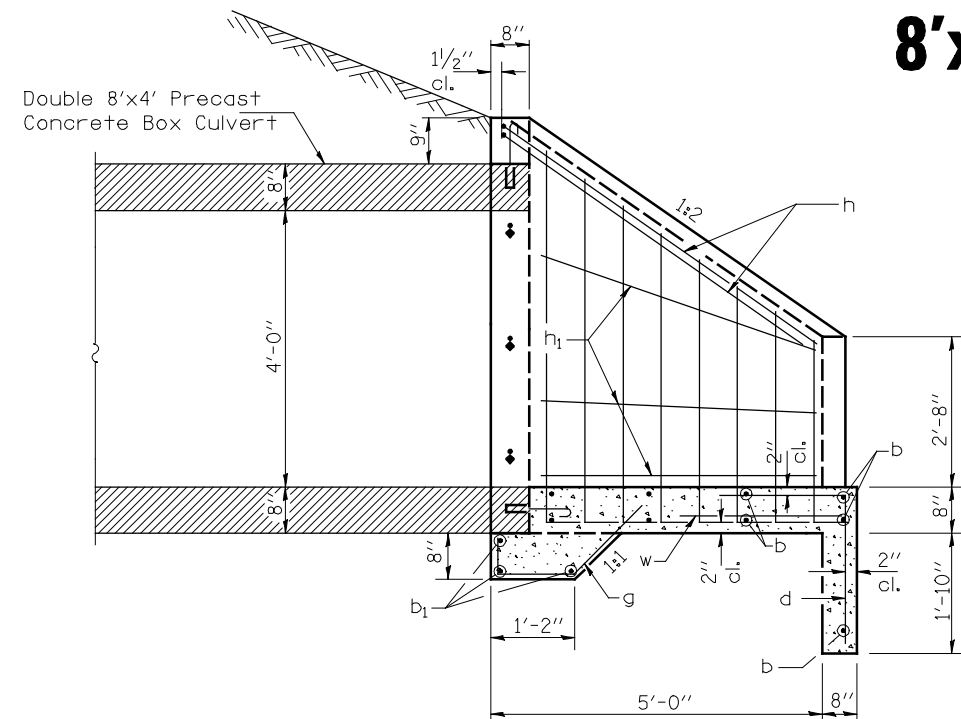


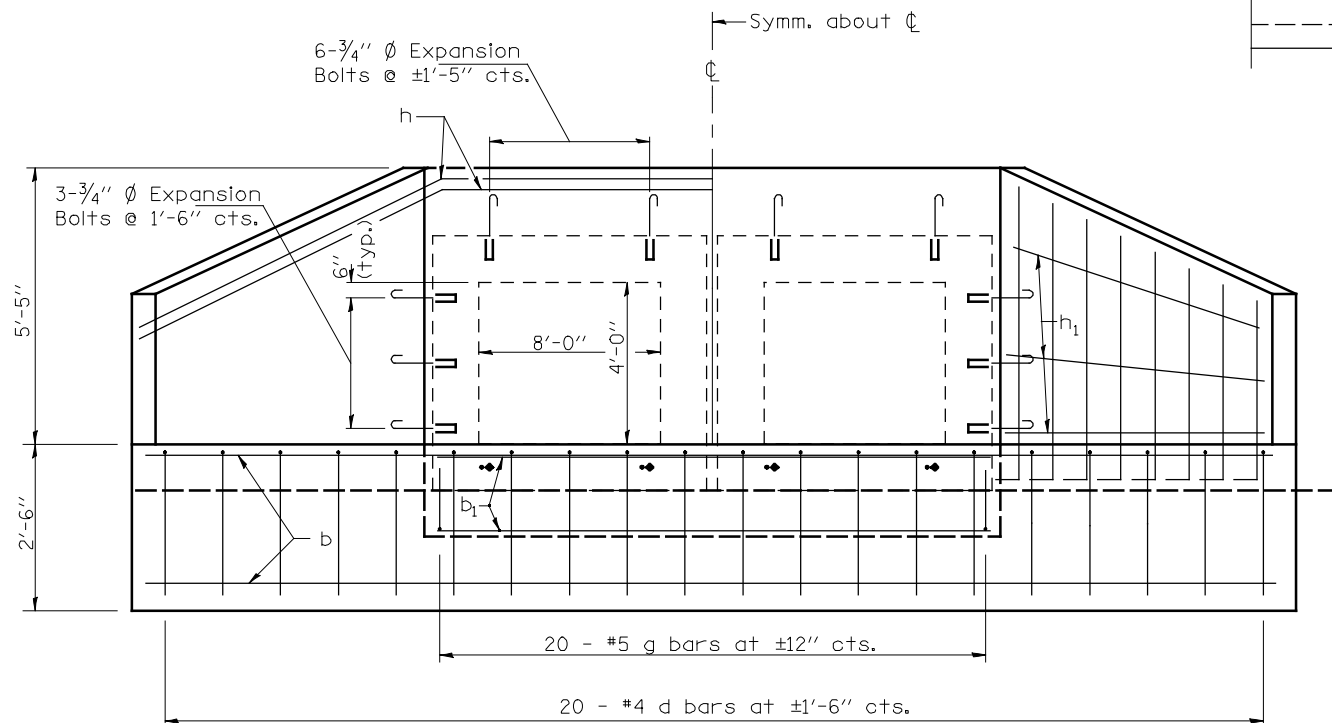
8'x4' Double Box Culvert End Section

LT STA. 465 + 06.40



SECTION A-A

MIN. BAR LAP
#5 bar = 2'-2"

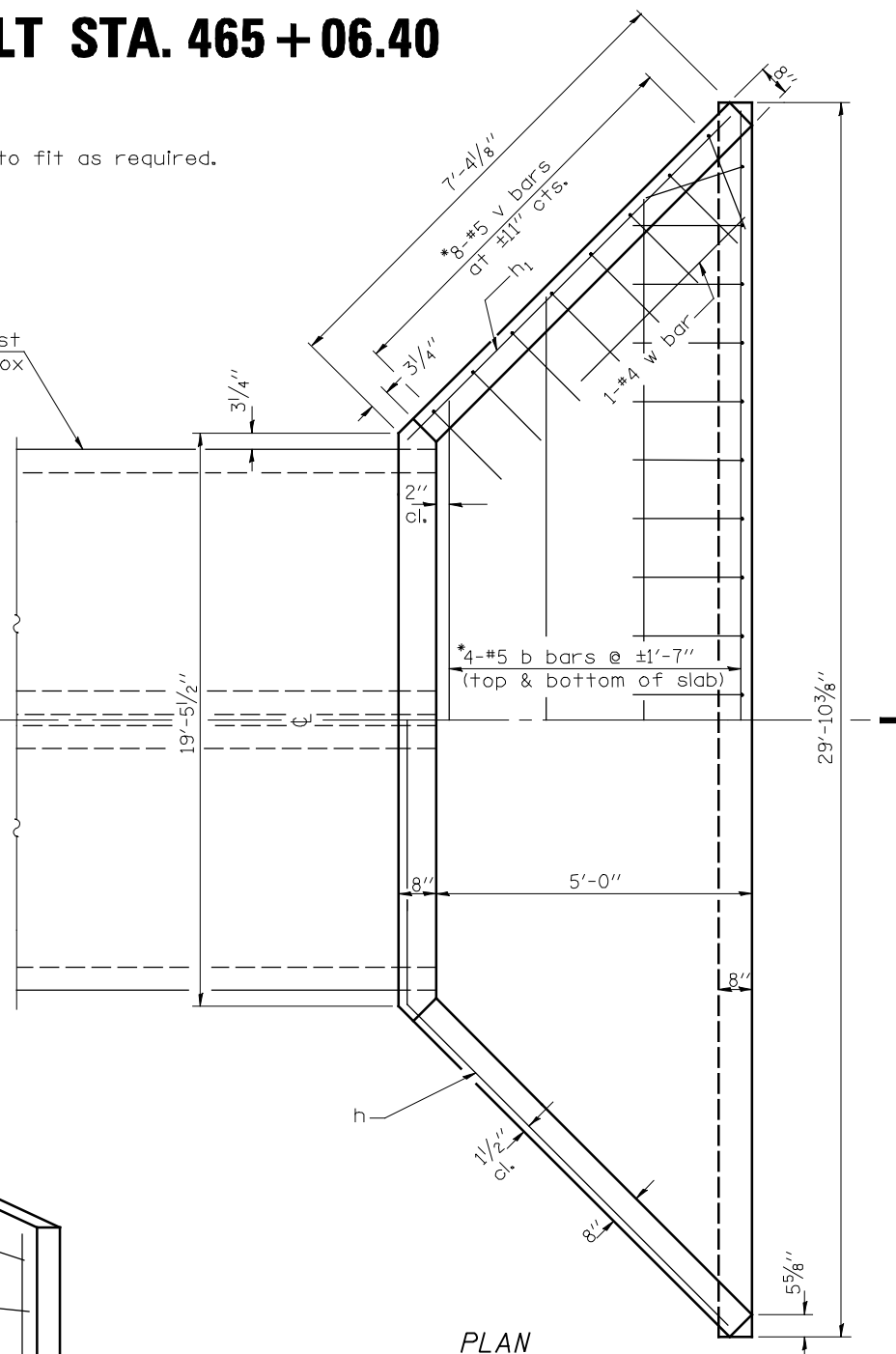


END ELEVATION

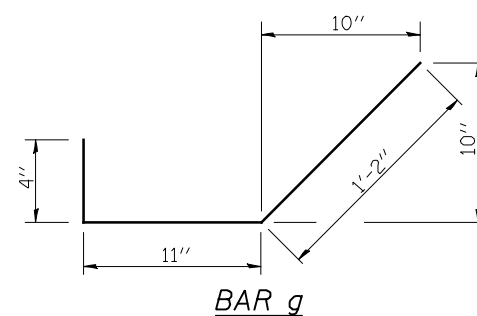
*Cut to fit as required.

8'x4' Precast Concrete Box Culvert

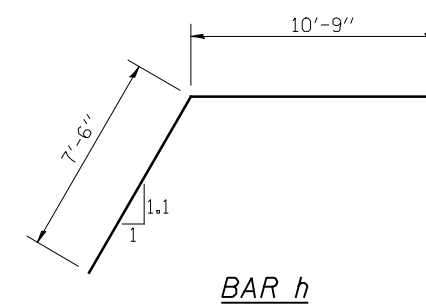
Symm. about ϕ



PLAN



BAR g



BAR h

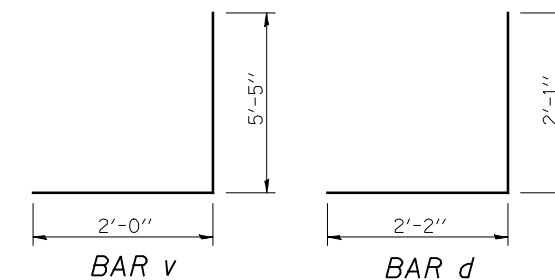
GENERAL NOTES

See Plan and Profile Sheet for more information.
See Cross Section Sheet for more information.
This work shall be done according to the applicable portions of 503, 508, and 540 of the Standard Specifications.
Exposed Edges shall be beveled 3/4".
The Contract unit price "EACH" for Box Culvert End Sections, Culvert No. 1 shall include the Expansion Bolts, Concrete Structures, Reinforcement Bars, Earth Excavation where required, and necessary grading to fit the end section as shown in the cross section or to the slope.
Slope Flow Line of the extension at the same rate as the Flow Line of the box.

BILL OF MATERIALS

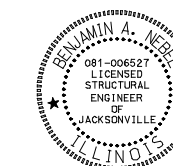
(For Information Only)

BAR	NO.	SIZE	LENGTH	SHAPE
b	9	5	29'-7"	—
b ₁	3	5	19'-4"	—
d	20	4	4'-3"	L
g	20	5	2'-5"	✓
h	4	5	18'-3"	—
h ₁	6	5	6'-9"	—
v	16	5	7'-5"	—
w	2	4	4'-0"	—
Concrete Structures			CU YD	7.4
Reinforcement Bars			LB	690
DESCRIPTION			UNIT	QTY.
3/4" ϕ Expansion Bolts			EACH	30



BAR v

BAR d



Date: 12/10/2012
Expires: 11/30/2014

FILE NAME =	USER NAME = jdeen	DESIGNED - CTM	REVISED -
v:\Bridge\2891-McDonough\465+06.40 End	Section\465+06.40 End Section.dgn	DRAWN - CTM	REVISED -
	PLOT SCALE = 20.9091' / IN.	CHECKED - BAN	REVISED -
	PLOT DATE = 12/12/2012	DATE - 08/30/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BOX CULVERT END SECTIONS, CULVERT NO. 1
LT. STA. 465 + 06.40

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
407	(55-3)A	McDONOUGH	671	292
			CONTRACT NO. 68A42	
ILLINOIS FED. AID PROJECT				