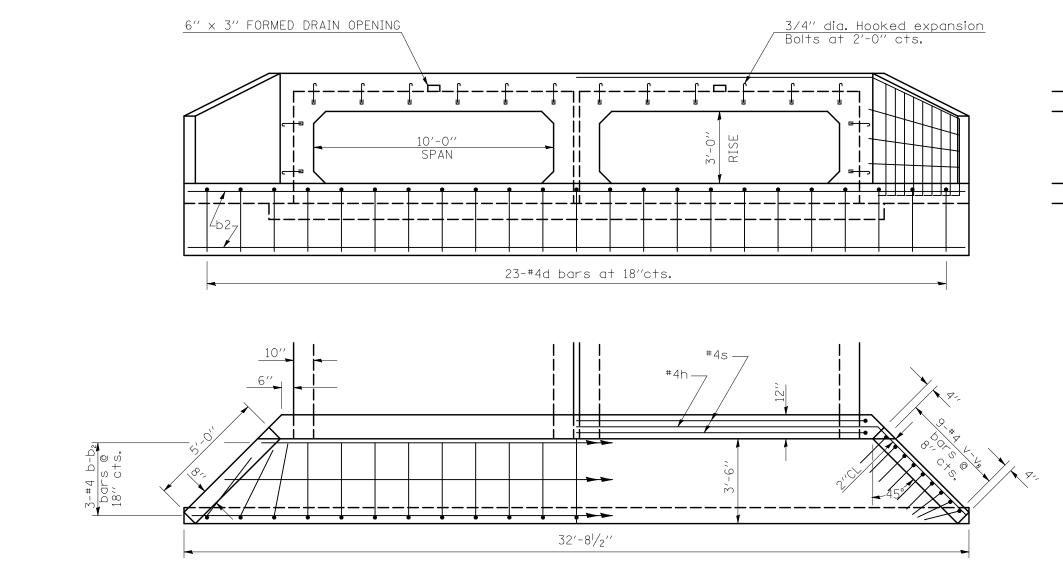
S.N. 057-2046 AT STA. 1955+65.00



NOTES:

All bars should be rounded and shall conform to the requirements of Art. 1006.10 of Standard Specifications.

Class SI Concrete shall be used throughout.

The Precast Box Culvert Sections shall conform to the requirements of AASHTO M259.

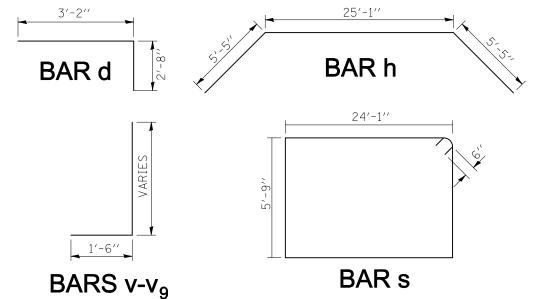
All dimensions are in FEET (')-INCHES ('') unless otherwise noted.

Concrete and Rebar quantities and lengths calculated for the cast-in-place End Sections will vary based on the precast box culverts supplied.

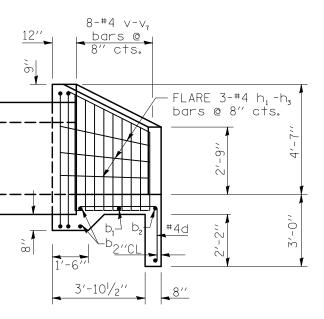
End Sections will be paid for at the contract unit price each for BOX CULVERT END SECTION NO. 3, as outlined in Art. 540.08, which prices shall include all concrete, rebar, and all other items necessary to complete the proposed work.

Drain holes shall be provided in accordance with Art. 503.12.

Drawings not to scale.



FI	_E NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -			END SECTION DETAIL	F.A.P.	SECTION	COUNTY TOTAL SHEET
း	pw_work\PWIDOT\CARROLLRT\d0104692\70	509_Wingwalls.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS		PROPOSED S.N. 057-2046	693	(21,22)R,RS-1	MCLEAN 105 35
		PLOT SCALE = 4.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	FNUFU3ED 3.N. U37-2040			, ,	CONTRACT NO. 70509
		PLOT DATE = 4/3/2009	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD	DIST. NO. ILLINOIS FED.	AID PROJECT



S.N. 057-2046								
BILL OF MATERIALS								
			BAR					
BAR	NO.	SIZE	LENGTH					
			LENGTH					
b	2	4	26'-3"					
b₁	1	4	29'-5"					
b₂	2	4	32'-0"					
d	23	4	5'-10"					
h	1	4	35'-11"					
h	2	4	5'-8"					
h₂	2	4	5'-7"					
h₃	2	4	5'-7"					
s	2	4	60'-8"					
v	2	4	6'-5"					
V 1	2	4	6'-3"					
V2	2	4	6'-1"					
V3	2	4	5'-11"					
V4	2	4	5'-8"					
V5	2	4	5'-6"					
Ve	2	4	5'-4"					
V 7	2	4	5'-1"					
Va	2	4	4'-11"					

ESTIMATED QUANTITIES - ONE SIDE				
REINFORCEMENT BARS (LBS)	384.0			
CLASS SI CONCRETE (CU YDS)	8.1			
EXPANSION BOLT 3/4" dia. (EACH)	16.0			
BOX CULVERT END SECTIONS = 1 EACH				