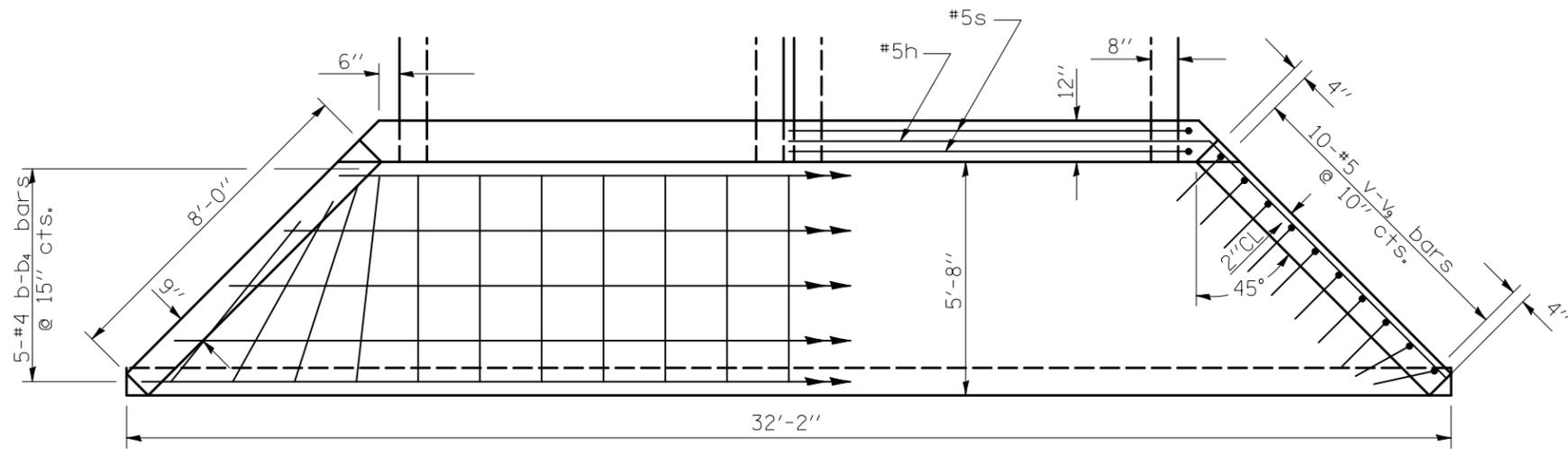
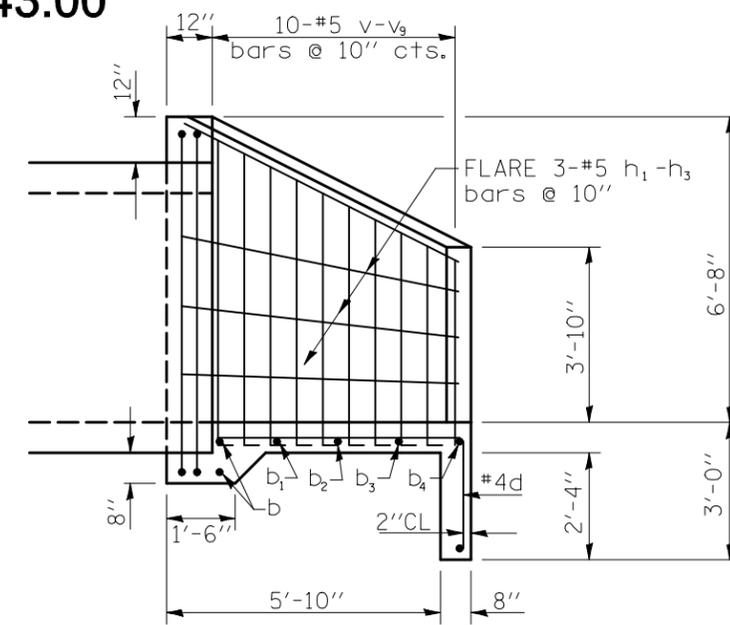
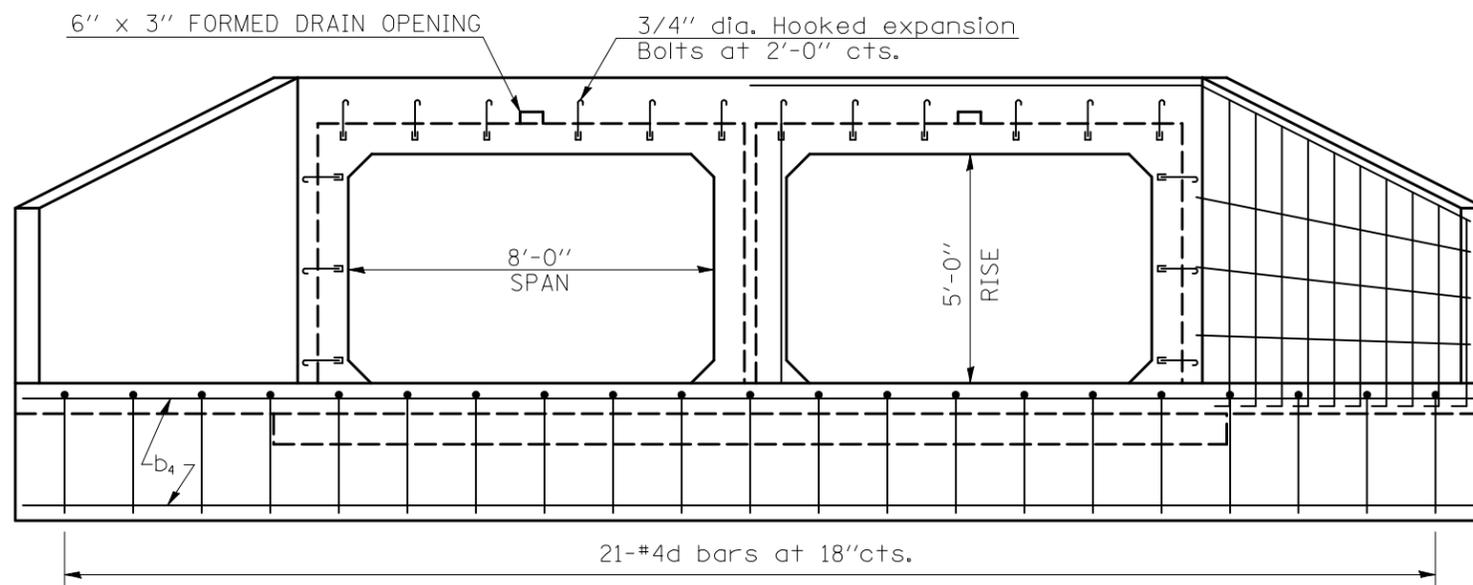


S.N. 057-8212 AT STA. 1981+21.00  
S.N. 057-8214 AT STA. 1676+43.00



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.

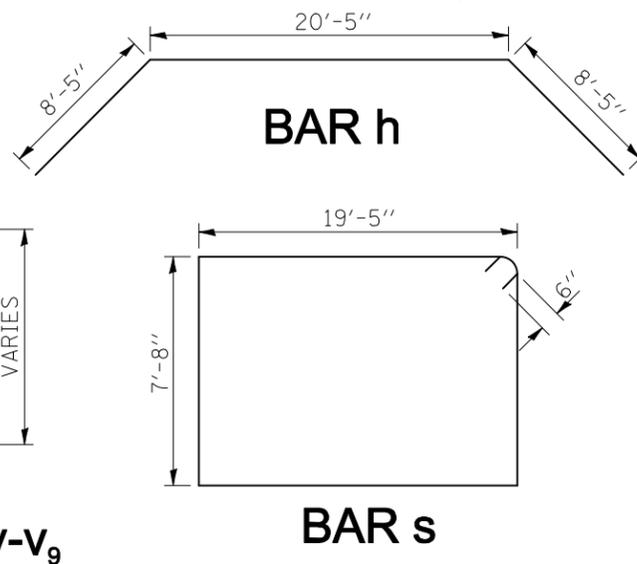
All dimensions are in FEET (')-INCHES (") unless otherwise noted.

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. 1 or BOX CULVERT END SECTION NO. 5 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.



SN 057-8214			
SN 057-8212 & 057-8214			
BAR	NO.	SIZE	BAR LENGTH
b	2	4	21'-10"
b <sub>1</sub>	1	4	24'-6"
b <sub>2</sub>	1	4	27'-0"
b <sub>3</sub>	1	4	30'-0"
b <sub>4</sub>	2	4	31'-5"
d	21	4	8'-0"
h	1	5	37'-3"
h <sub>1</sub>	2	5	7'-12"
h <sub>2</sub>	2	5	7'-11"
h <sub>3</sub>	2	5	7'-10"
s	2	5	55'-2"
v	2	5	8'-5"
v <sub>1</sub>	2	5	8'-1"
v <sub>2</sub>	2	5	7'-10"
v <sub>3</sub>	2	5	7'-6"
v <sub>4</sub>	2	5	7'-2"
v <sub>5</sub>	2	5	6'-11"
v <sub>6</sub>	2	5	6'-7"
v <sub>7</sub>	2	5	6'-4"
v <sub>8</sub>	2	5	6'-0"
v <sub>9</sub>	2	5	5'-10"

ESTIMATED QUANTITIES - ONE SIDE	
REINFORCEMENT BARS (LBS)	589.0
CLASS SI CONCRETE (CU YDS)	9.6
EXPANSION BOLT 3/4" dia. (EACH)	18.0
BOX CULVERT END SECTIONS = 1 EACH	

FILE NAME =	USER NAME = carrollrt	DESIGNED -	REVISED -
ca:\pwwork\p\WIDOT\CARROLLRT\d0104692\70509.Wingwalls.dgn		DRAWN -	REVISED -
PLOT SCALE = 4.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 4/3/2009		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

END SECTION DETAIL  
PROPOSED S.N. 057-8212 & S.N. 057-8214

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
693	(21,22)R,RS-1	MCLEAN	105	37
CONTRACT NO. 70509				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				