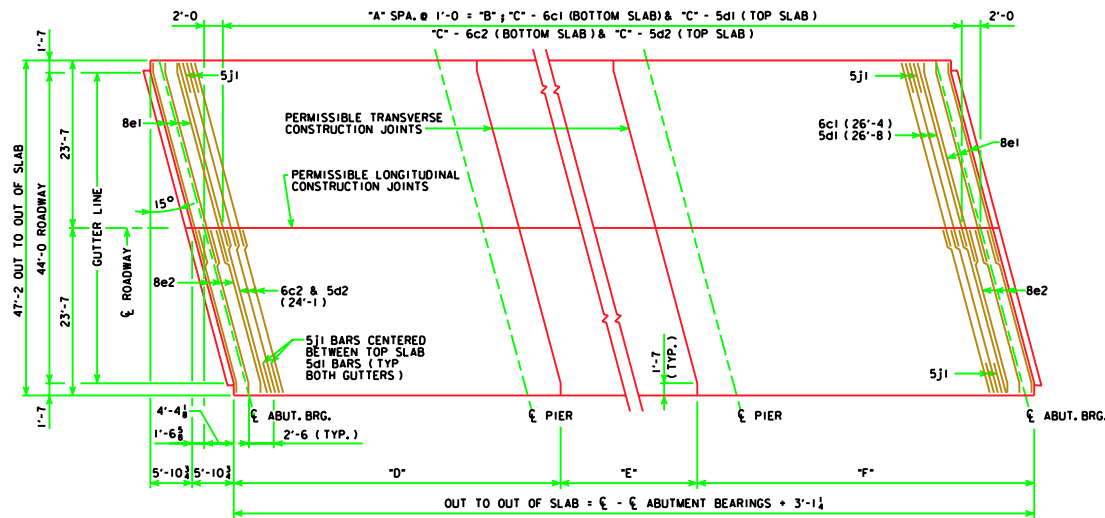
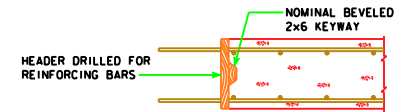




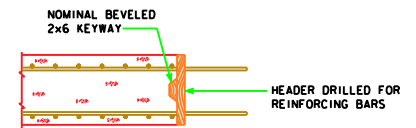
15° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT

15° TRANSV. REINF. DIMENSION TABLE

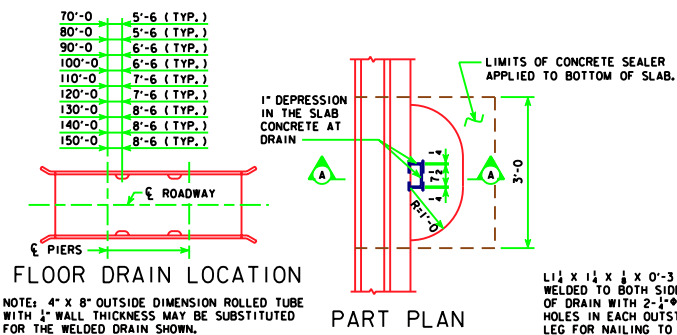
BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"
70' BRIDGE	66	66'-0	67	28'-0 $\frac{1}{2}$	17'-0	28'-0 $\frac{1}{2}$
80' BRIDGE	76	76'-0	77	32'-0 $\frac{1}{2}$	19'-0	32'-0 $\frac{1}{2}$
90' BRIDGE	86	86'-0	87	36'-0 $\frac{1}{2}$	21'-0	36'-0 $\frac{1}{2}$
100' BRIDGE	96	96'-0	97	40'-0 $\frac{1}{2}$	23'-0	40'-0 $\frac{1}{2}$
110' BRIDGE	106	106'-0	107	44'-0 $\frac{1}{2}$	25'-0	44'-0 $\frac{1}{2}$
120' BRIDGE	116	116'-0	117	48'-0 $\frac{1}{2}$	27'-0	48'-0 $\frac{1}{2}$
130' BRIDGE	126	126'-0	127	52'-0 $\frac{1}{2}$	29'-0	52'-0 $\frac{1}{2}$
140' BRIDGE	136	136'-0	137	56'-0 $\frac{1}{2}$	31'-0	56'-0 $\frac{1}{2}$
150' BRIDGE	146	146'-0	147	60'-0 $\frac{1}{2}$	33'-0	60'-0 $\frac{1}{2}$



TRANSVERSE CONSTR.
JOINT



LONGITUDINAL CONSTR.
JOINT



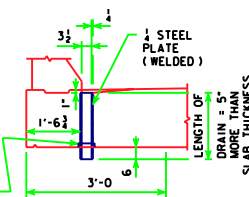
FLOOR DRAIN LOCATION
NOTE: 4" X 8" OUTSIDE DIMENSION ROLLED TUBE WITH 1" WALL THICKNESS MAY BE SUBSTITUTED FOR THE WELDED DRAIN SHOWN.

PART PLAN

FLOOR DRAIN DETAILS

(USE FOR BARRIER RAIL ONLY, NOT REQUIRED FOR OPEN RAIL)
NOTE: DRAINS ARE TO BE GALVANIZED. INCLUDE COST OF DRAINS IN PRICE BID FOR "STRUCTURAL CONCRETE". 4 DRAINS REQUIRED.

1 1/4" X 1 1/4" X 1/4" X 0'-3"
WELDED TO BOTH SIDES
OF DRAIN WITH 2-1/2" HOLES IN EACH OUTSTANDING
LEG FOR NAILING TO FORMS



SECTION A-A

WEIGHT OF ONE FLOOR DRAIN			
SPAN	WEIGHT, LBS.	SPAN	WEIGHT, LBS.
70'-0	32	120'-0	41
80'-0	33	130'-0	43
90'-0	35	140'-0	45
100'-0	37	150'-0	48
110'-0	39		

LATEST REVISION DATE	 Iowa Department of Transportation Highway Division	STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES	
		CONTINUOUS CONCRETE SLAB BRIDGES	
		NOVEMBER, 2006	
SUPERSTRUCTURE DETAILS ALL BRIDGES		J44-22-06	
15° SKEW			