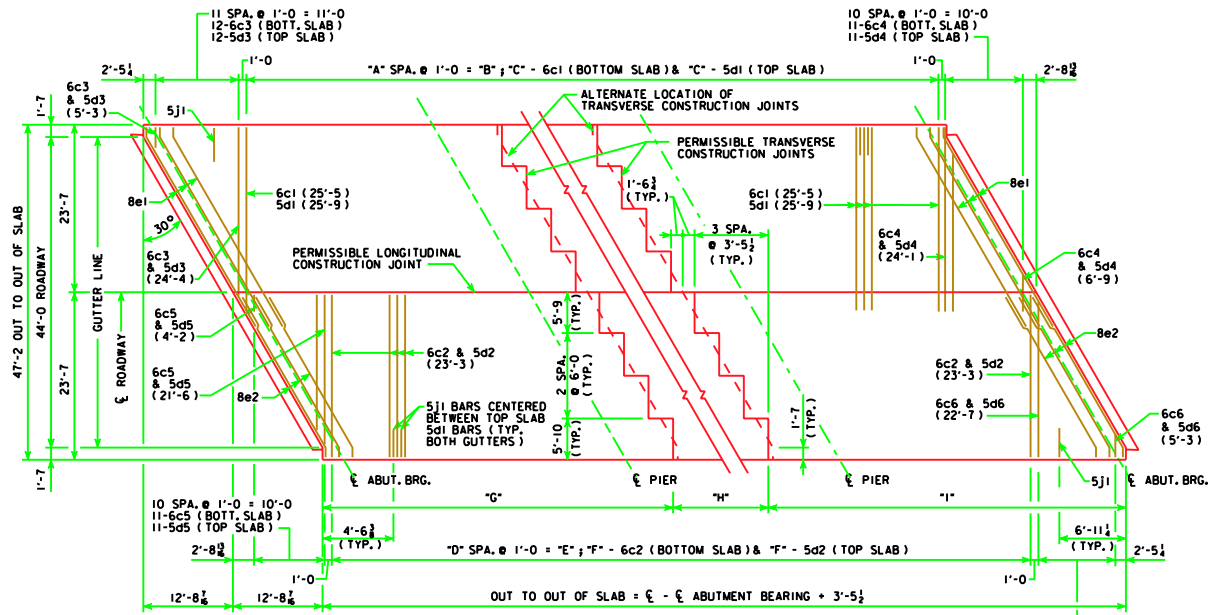
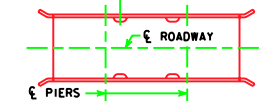




30° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT
NOTE: 5d BARS ARE TO PASS UNDER 8e BARS IN CONFLICT AREAS.

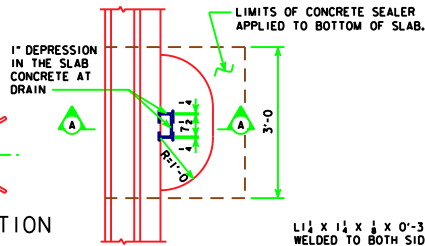
70'-0"	5'-6" (TYP.)
80'-0"	5'-6" (TYP.)
90'-0"	5'-6" (TYP.)
100'-0"	6'-6" (TYP.)
110'-0"	7'-6" (TYP.)
120'-0"	7'-6" (TYP.)
130'-0"	8'-6" (TYP.)
140'-0"	8'-6" (TYP.)
150'-0"	8'-6" (TYP.)



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

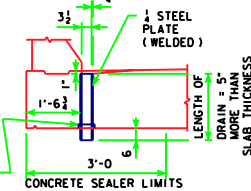
FLOOR DRAIN DETAILS

(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.



PART PLAN

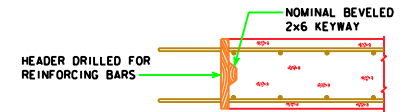
1 1/4" X 1 1/4" X 1/4" X 0'-3" WELDED TO BOTH SIDES OF DRAIN WITH 2-1/2" HOLES IN EACH OUTSTANDING LEG FOR NAILING TO FORMS



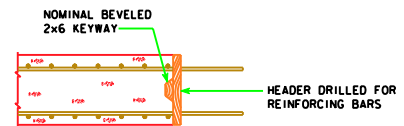
SECTION A-A

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		

30° TRANSV. REINFORCING DIMENSION TABLE								
BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
70' BRIDGE	57	57'-0"	58	58	58'-0"	59	27'-5 1/2"	17'-0"
80' BRIDGE	67	67'-0"	68	68	68'-0"	69	31'-5 1/2"	19'-0"
90' BRIDGE	77	77'-0"	78	78	78'-0"	79	35'-5 1/2"	21'-0"
100' BRIDGE	87	87'-0"	88	88	88'-0"	89	39'-5 1/2"	23'-0"
110' BRIDGE	97	97'-0"	98	98	98'-0"	99	43'-5 1/2"	25'-0"
120' BRIDGE	107	107'-0"	108	108	108'-0"	109	47'-5 1/2"	27'-0"
130' BRIDGE	117	117'-0"	118	118	118'-0"	119	51'-5 1/2"	29'-0"
140' BRIDGE	127	127'-0"	128	128	128'-0"	129	55'-5 1/2"	31'-0"
150' BRIDGE	137	137'-0"	138	138	138'-0"	139	59'-5 1/2"	33'-0"



TRANSVERSE CONSTR. JOINT



LONGITUDINAL CONSTR. JOINT

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	
APPROVED BY BRIDGE ENGINEER THOMAS E. MCQUILLAN		J44-23-06	
30° SKEW			