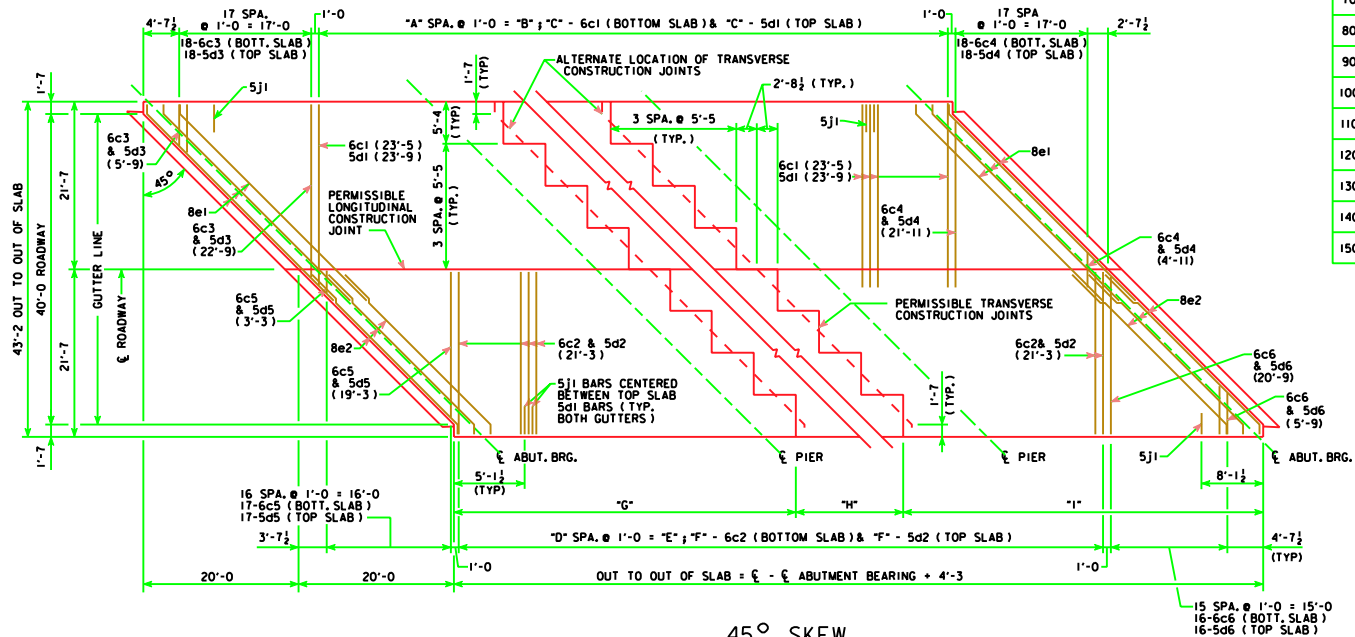
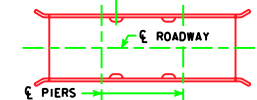




45° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT
NOTE: 5d BARS ARE TO PASS UNDER 8e BARS IN CONFLICT AREAS.

70'-0"	5'-6" (TYP.)
80'-0"	5'-6" (TYP.)
90'-0"	6'-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.)



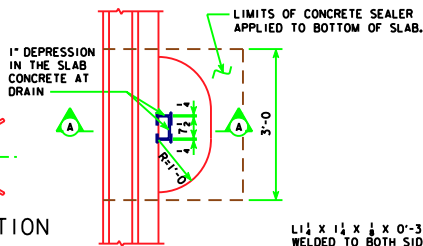
FLOOR DRAIN LOCATION

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

FLOOR DRAIN DETAILS

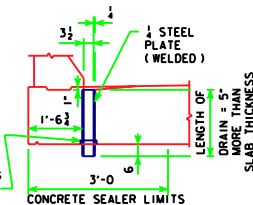
(USE FOR BARRIER RAIL ONLY, NOT REQUIRED FOR OPEN RAIL)

NOTE: DRAINS ARE TO BE GALVANIZED. INCLUDE COST OF DRAINS IN PRICE BID FOR "STRUCTURAL CONCRETE". 4 DRAINS REQUIRED.



PART PLAN

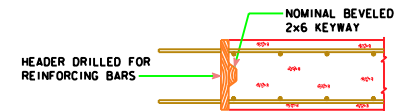
1 1/4" X 1 1/4" X 1/4" X 0'-3" WELDED TO BOTH SIDES OF DRAIN WITH 2-1/2" HOLES IN EACH OUTSTANDING LEG FOR NAILING TO FORMS



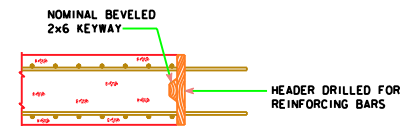
SECTION A-A

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		

BRIDGE	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"I"
70' BRIDGE	51	51'-0"	52	53	53'-0"	54	27'-7"	17'-0"	29'-8"
80' BRIDGE	61	61'-0"	62	63	63'-0"	64	31'-7"	19'-0"	33'-8"
90' BRIDGE	71	71'-0"	72	73	73'-0"	74	35'-7"	21'-0"	37'-8"
100' BRIDGE	81	81'-0"	82	83	83'-0"	84	39'-7"	23'-0"	41'-8"
110' BRIDGE	91	91'-0"	92	93	93'-0"	94	43'-7"	25'-0"	45'-8"
120' BRIDGE	101	101'-0"	102	103	103'-0"	104	47'-7"	27'-0"	49'-8"
130' BRIDGE	111	111'-0"	112	113	113'-0"	114	51'-7"	29'-0"	53'-8"
140' BRIDGE	121	121'-0"	122	123	123'-0"	124	55'-7"	31'-0"	57'-8"
150' BRIDGE	131	131'-0"	132	133	133'-0"	134	59'-7"	33'-0"	61'-8"



TRANSVERSE CONSTR. JOINT



LONGITUDINAL CONSTR. JOINT

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER



Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 40' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE
SLAB BRIDGES

NOVEMBER, 2006

SUPERSTRUCTURE DETAILS
ALL BRIDGES

J40-24-06

45° SKEW