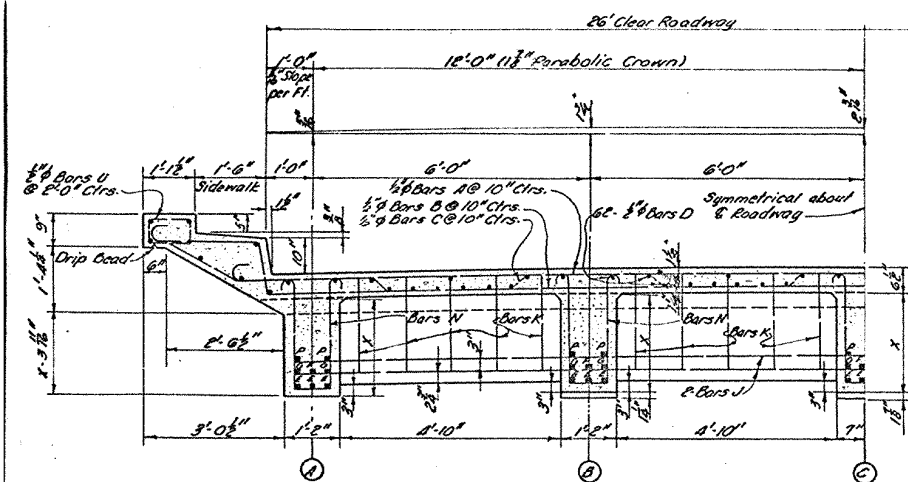
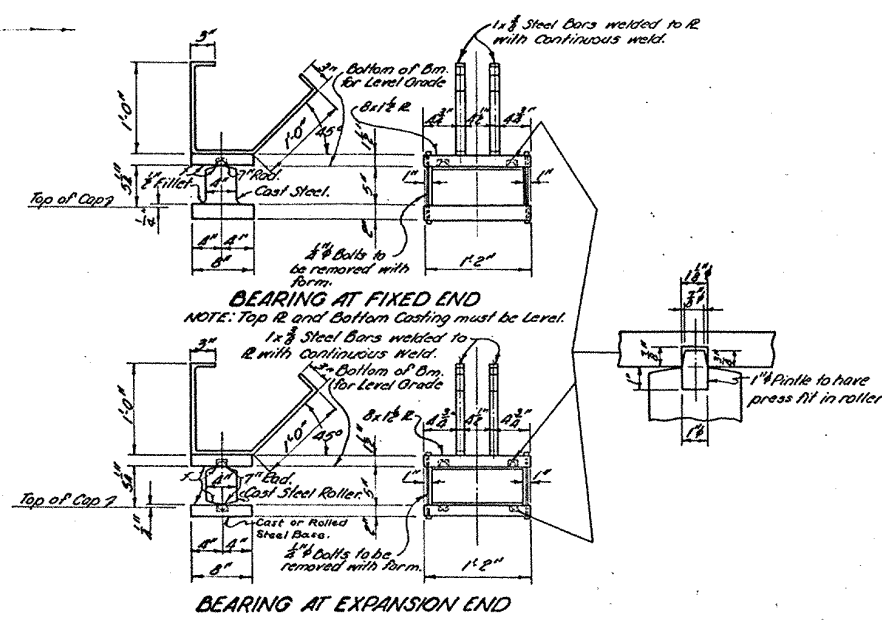




HALF SECTION A-A

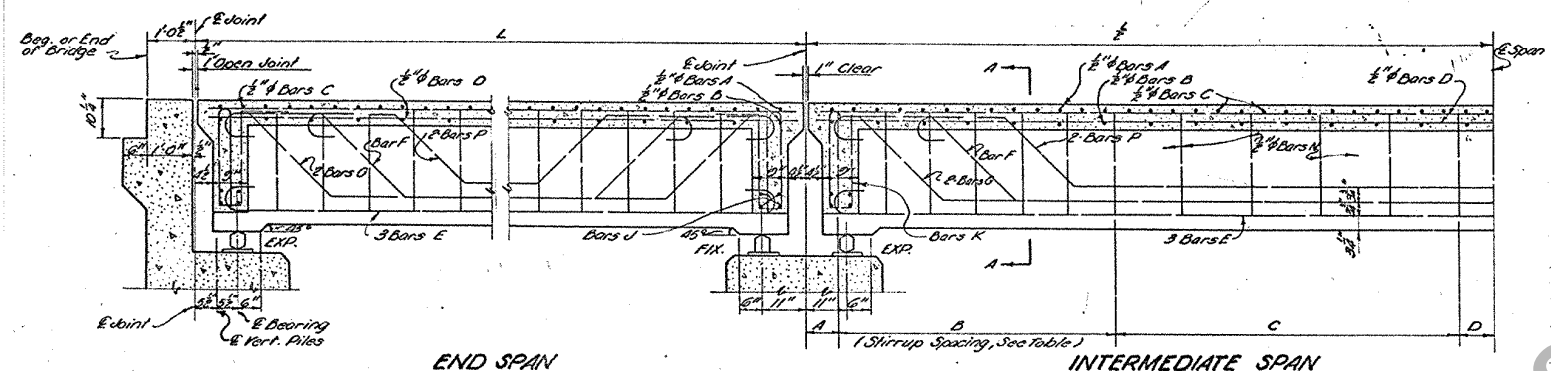


BEARING AT FIXED END
NOTE: Top R and Bottom Casting must be level.

BEARING AT EXPANSION END

BAR LOCATION	30 FT. SPAN				32 FT. SPAN				34 FT. SPAN				36 FT. SPAN				38 FT. SPAN				40 FT. SPAN			
	NO.	SIZE	UNIT	TOTAL	NO.	SIZE	UNIT	TOTAL	NO.	SIZE	UNIT	TOTAL	NO.	SIZE	UNIT	TOTAL	NO.	SIZE	UNIT	TOTAL	NO.	SIZE	UNIT	TOTAL
A Top of Slab	36	1/2"	30'-8"	1044'-0"	38	1/2"	30'-8"	1165'-4"	41	1/2"	30'-8"	1257'-4"	43	1/2"	30'-8"	1349'-4"	45	1/2"	30'-8"	1441'-4"	48	1/2"	30'-8"	1472'-0"
D Bolt of Slab	36	1/2"	33'-8"	1212'-0"	38	1/2"	33'-8"	1274'-4"	41	1/2"	33'-8"	1336'-0"	43	1/2"	33'-8"	1397'-4"	45	1/2"	33'-8"	1459'-0"	48	1/2"	33'-8"	1466'-0"
C Bolt in Slab	35	1/2"	29'-0"	1015'-0"	37	1/2"	29'-0"	1073'-0"	40	1/2"	29'-0"	1131'-0"	42	1/2"	29'-0"	1189'-0"	44	1/2"	29'-0"	1247'-0"	47	1/2"	29'-0"	1265'-0"
D Bolt in Slab	62	1/2"	29'-8"	1829'-4"	62	1/2"	31'-8"	1963'-4"	62	1/2"	33'-8"	2097'-4"	62	1/2"	35'-8"	2231'-4"	62	1/2"	37'-8"	2365'-4"	62	1/2"	39'-8"	2499'-4"
N Beam Slab	120	1/2"	6'-8"	800'-0"	130	1/2"	6'-8"	868'-4"	140	1/2"	6'-8"	936'-0"	150	1/2"	6'-8"	1004'-0"	160	1/2"	6'-8"	1072'-0"	170	1/2"	6'-8"	1140'-0"
J Diaph.	8	1/2"	24'-10"	193'-8"	8	1/2"	24'-10"	193'-8"	8	1/2"	24'-10"	193'-8"	8	1/2"	24'-10"	193'-8"	8	1/2"	24'-10"	193'-8"	8	1/2"	24'-10"	193'-8"
K Diaph.	40	1/2"	6'-4"	253'-4"	40	1/2"	6'-4"	253'-4"	40	1/2"	6'-4"	253'-4"	40	1/2"	6'-4"	253'-4"	40	1/2"	6'-4"	253'-4"	40	1/2"	6'-4"	253'-4"
U Curb	30	1/2"	3'-5"	102'-6"	32	1/2"	3'-5"	109'-4"	34	1/2"	3'-5"	116'-2"	36	1/2"	3'-5"	123'-0"	38	1/2"	3'-5"	129'-8"	40	1/2"	3'-5"	136'-6"
TOTAL SPAN	1/2" Bars - 6524'-10" - 4350'				1/2" Bars - 6997'-4" - 4632'				1/2" Bars - 7416'-6" - 4974'				1/2" Bars - 7865'-8" - 5254'				1/2" Bars - 8288'-6" - 5537'				1/2" Bars - 8738'-4" - 5839'			
E Beams	15	1"	30'-10"	452'-6"	15	1"	33'-6"	497'-6"	15	1"	36'-6"	547'-6"	15	1"	39'-6"	597'-6"	15	1"	42'-6"	647'-6"	15	1"	45'-6"	697'-6"
F Beams	5	1"	32'-3"	161'-6"	5	1"	34'-6"	172'-6"	5	1"	36'-6"	183'-6"	5	1"	38'-6"	194'-6"	5	1"	40'-6"	205'-6"	5	1"	42'-6"	216'-6"
G Beams	10	1"	32'-5"	324'-6"	10	1"	34'-6"	345'-6"	10	1"	36'-6"	366'-6"	10	1"	38'-6"	387'-6"	10	1"	40'-6"	408'-6"	10	1"	42'-6"	429'-6"
P Beams	10	1"	28'-6"	285'-6"	10	1"	30'-5"	304'-2"	10	1"	32'-4"	323'-4"	10	1"	34'-7"	342'-10"	10	1"	36'-4"	361'-4"	10	1"	38'-5"	380'-2"
TOTAL SPAN	1" Bars - 1233'-9" - 8195'				1" Bars - 821'-8" - 2794'				1" Bars - 505'-10" - 1720'				1" Bars - 1487'-1" - 6399'				1" Bars - 978'-4" - 4210'				1" Bars - 599'-7" - 2580'			
	1" Bars - 497'-6" - 2141'				1" Bars - 325'-10" - 3255'																			

NOTE: Bend to Crown



END SPAN

INTERMEDIATE SPAN

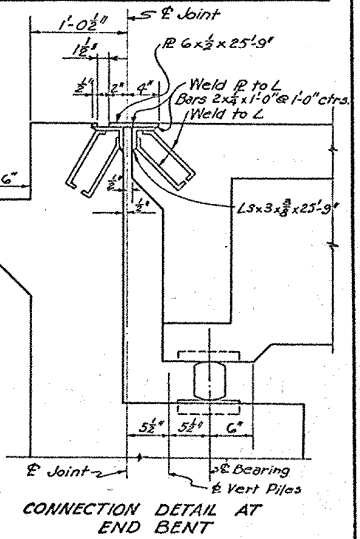
SECTION NEAR E ROADWAY

BAR BENDING TABLE
BARS N AND K

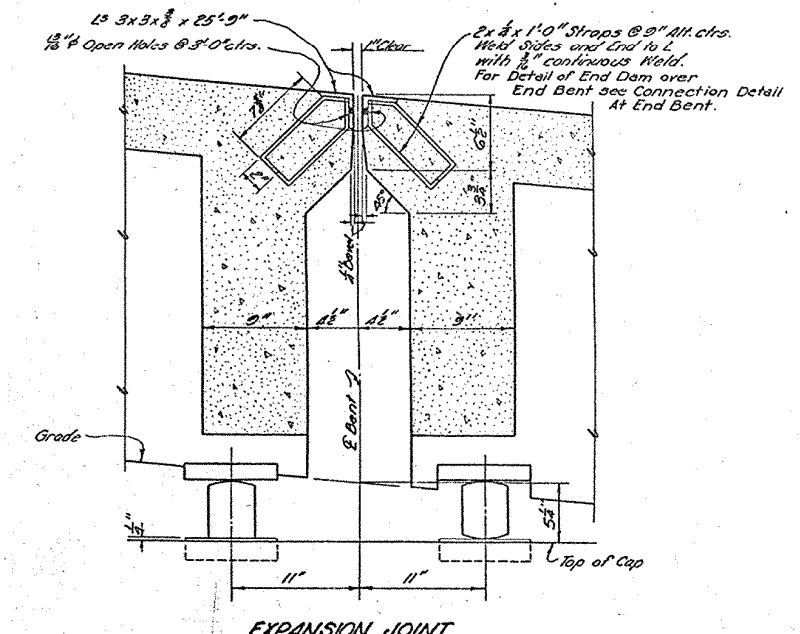
SPAN	h	h1
30'	2'-3"	2'-0"
32'	2'-4"	2'-1"
34'	2'-5"	2'-2"
36'	2'-6"	2'-3"
38'	2'-7"	2'-4"
40'	2'-8"	2'-5"

BAR BENDING TABLE - BARS E, F, G & P

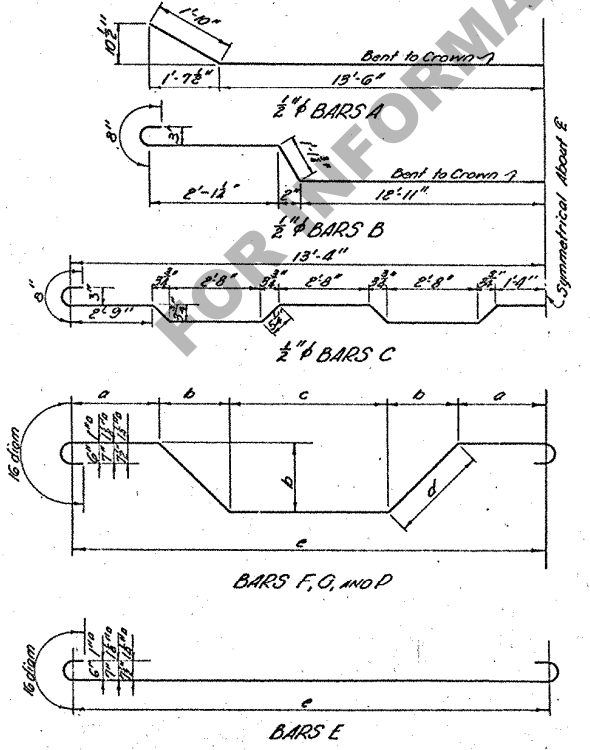
BAR DIM.	30' SPAN	32' SPAN	34' SPAN	36' SPAN	38' SPAN	40' SPAN
E	28'-2"	30'-2"	32'-2"	34'-2"	36'-2"	38'-2"
F	1'-10"	1'-11"	2'-0"	2'-1"	2'-2"	2'-3"
G	1'-10"	1'-11"	2'-0"	2'-1"	2'-2"	2'-3"
P	2'-7"	2'-8"	2'-9"	2'-10"	2'-11"	2'-12"



CONNECTION DETAIL AT END BENT

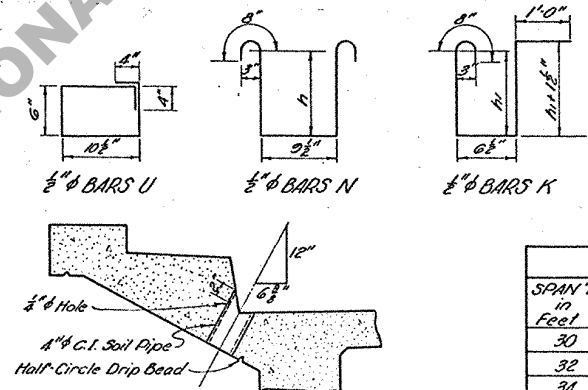


EXPANSION JOINT



BARS F, G, AND P

BARS E



CAST IRON DRAIN
Required: 1 Each side of Roadway in Intermediate Spans only.

GENERAL NOTES:
Construction Specifications: Latest Approved Louisiana Highway Department Standard Specifications.
Design Specification: A.A.S.H.O. 1944 as amended Dec. 15, 1946.
Live Load: H-20-516 44.
Dead Load: Calculated weight of materials.
All Concrete to be Class "A".
Reinforcing Steel to be Structural or Intermediate Grades.
Dimensions to reinforcing steel are to Bar Centers.
Exposed Corners to have 3/8" chamfer unless otherwise noted.

DIMENSIONS AND QUANTITIES

SPAN "L" in Feet	X	STIRRUP SPACING - BARS N				CLASS "A" CONCRETE Cu. Yds.	DEF. REIN. STEEL Lbs.	STRUCTURAL STEEL Lbs. *
30	2'-2"	A	B	C	D	37.45	855.4	2400
32	2'-3"					40.43	956.9	2400
34	2'-4"					43.58	1054.9	2400
36	2'-5"					46.76	1165.3	2400
38	2'-6"					50.00	1289.5	2400
40	2'-7"					53.32	1402.7	2400

* Add 265 Lbs. Structural Steel For Each End Span.
For Details of Handrail See Standard Plan C-M-106 Rev.

STANDARD PLAN
R.C. DECK GIRDER SPANS H20-S16 LOADING
26'-0" CLEAR ROADWAY 1'-6" SIDEWALKS
30'-0" TO 40'-0" SPANS
TO BE USED WITH STANDARD PLAN C.S.-8-20
DATED OCT. 1948

STATE OF LOUISIANA
DEPARTMENT OF HIGHWAYS

DESIGNED	CHECKED	TRACED	CHECKED	TRACED
DATE	DATE	DATE	DATE	DATE
DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
BY	BY	BY	BY	BY
REVISIONS				