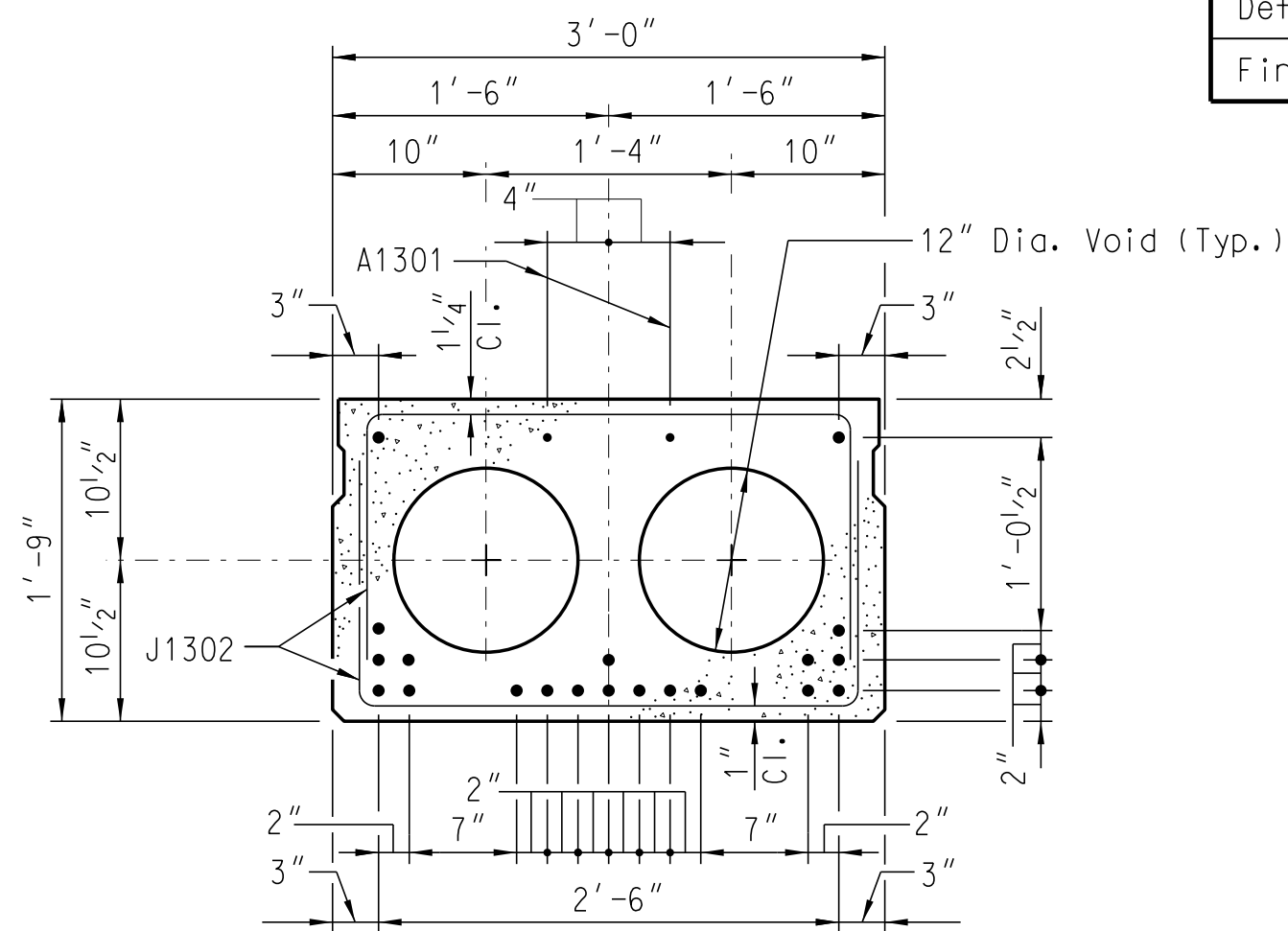
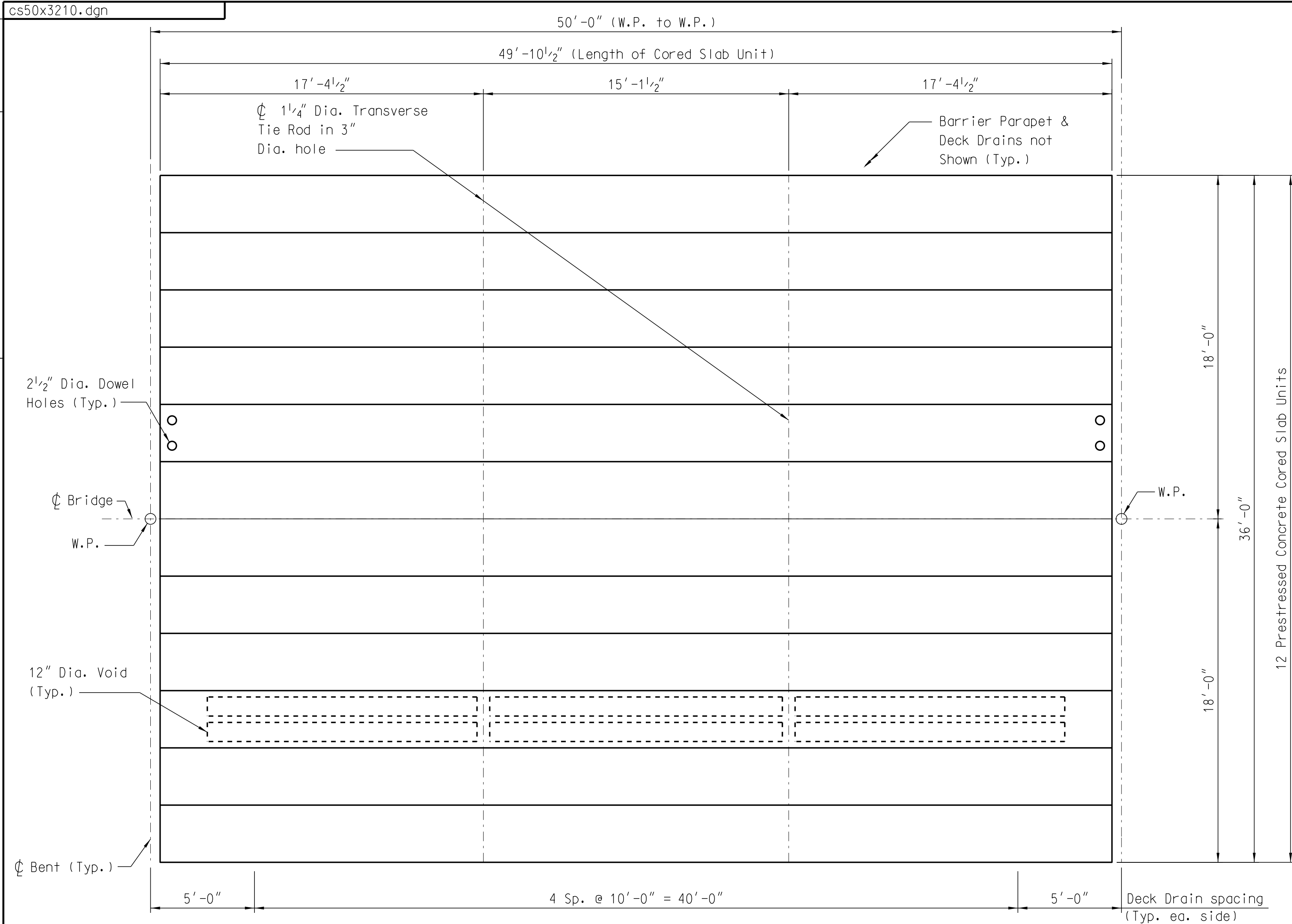


STRAND DATA (1/2" Dia. Low Relaxation Grade 270)	
Area	0.153 in ²
Tensioning Load	31.0 kips



INTERIOR SLAB SECTION⁽²⁾

20-1/2" Dia. L.R. Strand Layout

$f'_c = 6.0 \text{ ksi}$
 $f'_{ci} = 4.8 \text{ ksi}$

② For Exterior Slab Section details see Sh. XX.

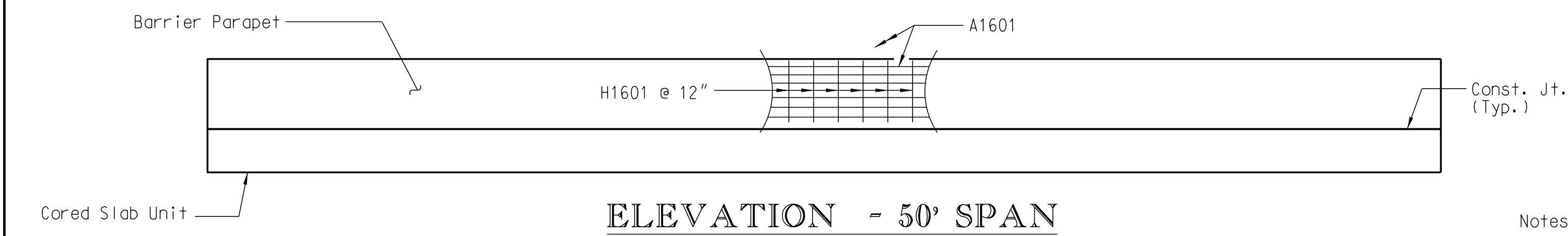
DEAD LOAD DEFLECTION & CAMBER	
Camber at Erection (Slab alone in place)	$1\frac{3}{8}'' \uparrow$
Deflection due to Barrier Parapet and Asphalt Wearing Surface	$1\frac{1}{4}'' \downarrow$
Final Camber	$1\frac{1}{8}'' \uparrow$

BILL OF MATERIAL						
ONE 50' CORED SLAB UNIT						
MARK	TOTAL REQ'D.	DIMENSION				LENGTH
		"a"	"b"	"c"	"d"	
A1301	4	25'-7"	—	—	—	25'-7"
GB1601	51	①	—	—	—	5'-3"
J1301	8	1'-9"	1'-4"	—	—	4'-5"
J1302	112	2'-8"	1'-4"	—	—	5'-4"
J1303	4	1'-5 1/2"	2'-8"	—	—	6'-10"
J1601	8	2'-7"	6"	—	—	3'-7"
QUANTITIES						
ITEM			UNIT	INTERIOR	EXTERIOR	
Reinforcing Steel			LB	539	818	
Concrete, Class 6000			CY	7.1	7.1	
1/2" Dia. L.R. Strands			LF	998	998	

① GB1601 bars required for exterior units only.
For dimensions of GB1601 bar, see sheet
titled "Reinforcing Bending Details".

BILL OF MATERIAL						
ONE 50' BARRIER PARAPET						
MARK	TOTAL REQ'D.					LENGTH
		"a"	"b"	"c"	"d"	
A1601	7	49'-6"	—	—	—	49'-6"
H1601	51	2'-4"	2'-4"	73 ³ / ₈ "	—	5'-2"
QUANTITIES						
ITEM				UNIT	TOTAL	
Reinforcing Steel				LB	636	
Length of Barrier Parapet				LF	50.0	

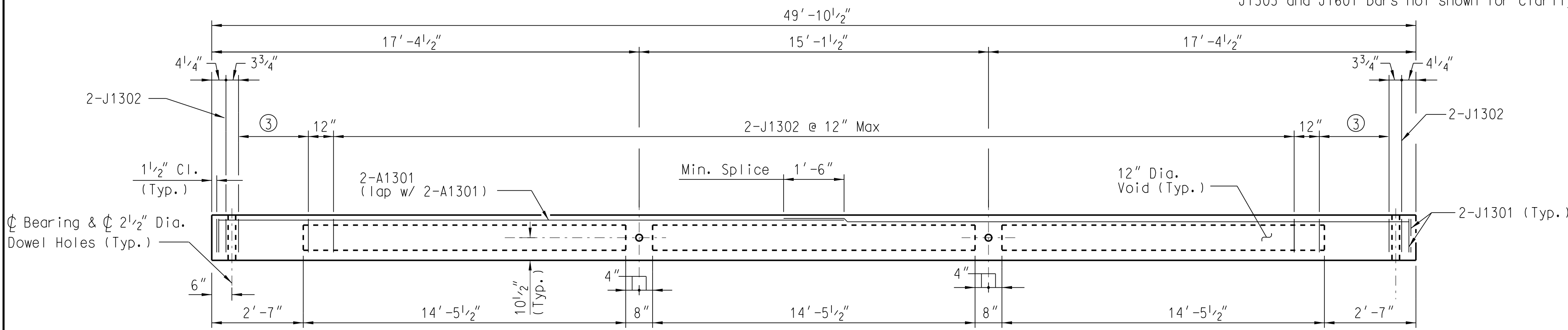
ESTIMATED QUANTITIES - ONE 50' SPAN		
ITEM	UNIT	TOTAL
3'-0" x 1'-9" Cored Slab	LF	598.5
Elastomeric Bearing	EA	24
Reinforcing Steel for Structures (Bridge)	LB	1272
Concrete Bridge Barrier Parapet	LF	100.0



Notes:

Shift J1302 stirrups as necessary to clear transverse tie rods.

J1303 and J1601 bars not shown for clarity.



TYPICAL ELEVATION - 50' CORED SLAB UNIT

③ 2-J1302 @ 6" = 2'-0"

W.P. - Work Point
For additional notes and details, see Sh. XX & XX.

REV.				SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION 50'-0" PRESTRESSED CONC. CORED SLAB SPAN (3'-0" x 1'-9")
REV.	JXY	GAR	2-16	
REV.	JXY	SAN	3-14	
	New Border			
REVIEWED				
QUAN.	MRW	SAN	5-08	COUNTY XXXXXXXX ROUTE XXXXXX
DR.	MRW	SAN	5-08	
DES.	MRW	SAN	5-08	
	BY	CHK.	DATE	