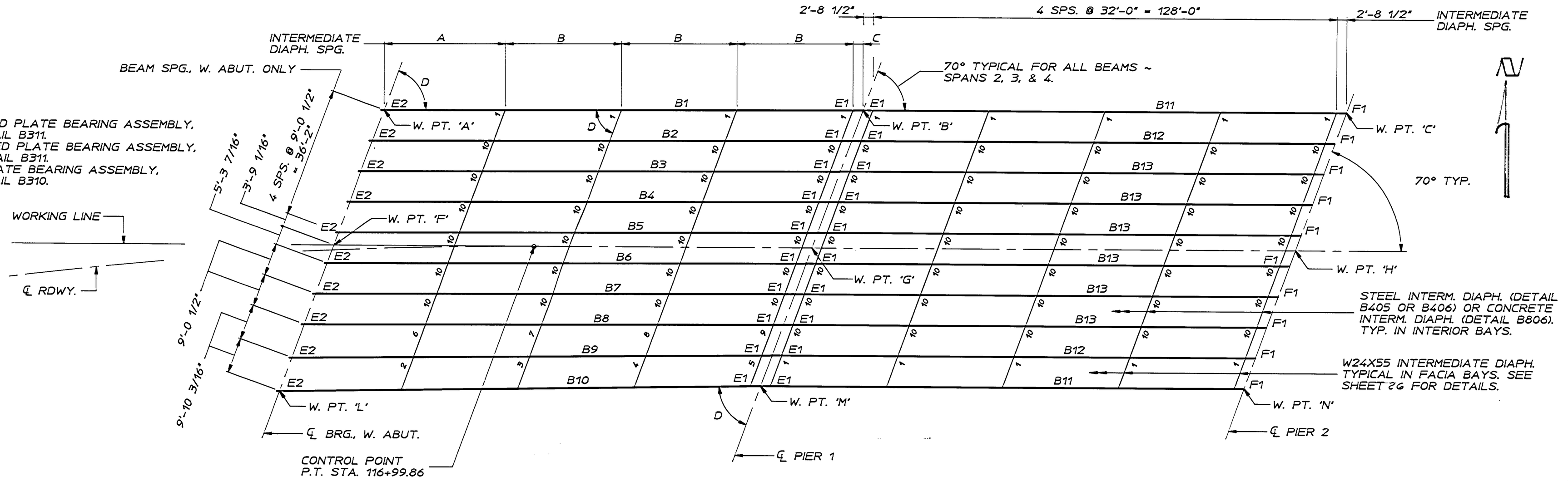
NOTE:

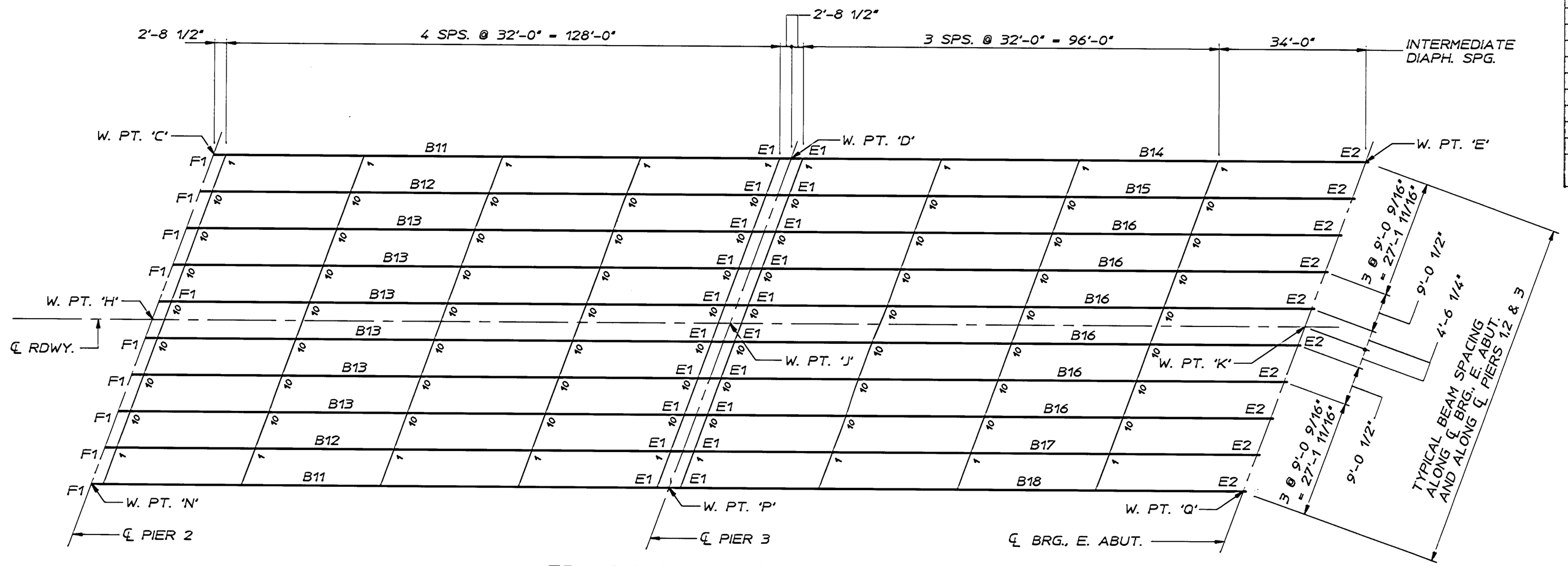
E1 = EXPANSION CURVED PLATE BEARING ASSEMBLY, TYPE 1. SEE DETAIL B311.
E2 = EXPANSION CURVED PLATE BEARING ASSEMBLY, TYPE 2. SEE DETAIL B311.
F1 = FIXED CURVED PLATE BEARING ASSEMBLY, TYPE 1. SEE DETAIL B310.

INTERMEDIATE DIAPHRAGMS	
DIAPH.	⑤ LENGTH
1	9.04'
2	9.64'
3	9.45'
4	9.25'
5	9.06'
6	9.64'
7	9.45'
8	9.25'
9	9.06'
10	9.04'

⑤ MEASURED ℄ BEAM TO ℄ BEAM ALONG ℄ DIAPHRAGM.



FRAMING PLAN ~ SPANS 1 & 2
SCALE: 1" = 15'-0"



FRAMING PLAN ~ SPANS 3 & 4
SCALE: 1" = 15'-0"

PRESTRESSED CONC. BEAM DIMENSIONS						
BEAM	① LENGTH	② LENGTH	③ A	④ B	③ C	D
B1	132.7517'	131.5017'	33.5017'	32.0000'	2.7083'	69.6819°
B2	132.7503'	131.5003'	33.5130'	31.9997'	2.7083'	69.6296°
B3	132.7490'	131.4990'	33.5010'	31.9994'	2.7082'	69.5730°
B4	132.7476'	131.4976'	33.5006'	31.9990'	2.7082'	69.5117°
B5	132.7463'	131.4963'	33.5003'	31.9987'	2.7082'	69.4458°
B6	132.7450'	131.4950'	33.5000'	31.9984'	2.7082'	69.3752°
B7	132.7436'	131.4936'	33.4996'	31.9981'	2.7081'	69.2996°
B8	132.7423'	131.4923'	33.4993'	31.9977'	2.7081'	69.2191°
B9	133.0233'	131.7733'	33.5705'	32.0657'	2.7139'	69.1334°
B10	133.3085'	132.0585'	33.6428'	32.1348'	2.7197'	69.0425°
B11 ~ B18	133.2500	132.0000	———	———	———	70.0000°

① OUT-TO-OUT LENGTH OF BEAM.

② ℄ BRG. TO ℄ BRG. OF BEAM.

③ MEASURED ℄ BRG. TO ℄ DIAPH. ALONG ℄ BEAM.

④ MEASURED ℄ DIAPH. TO ℄ DIAPH. ALONG ℄ BEAM.

MINNESOTA DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 02545
FRAMING PLAN

APPROVED:

C.P. 88-09-116 | 02545 | RMT RRT
SHEET 27 OF 46 SHEETS