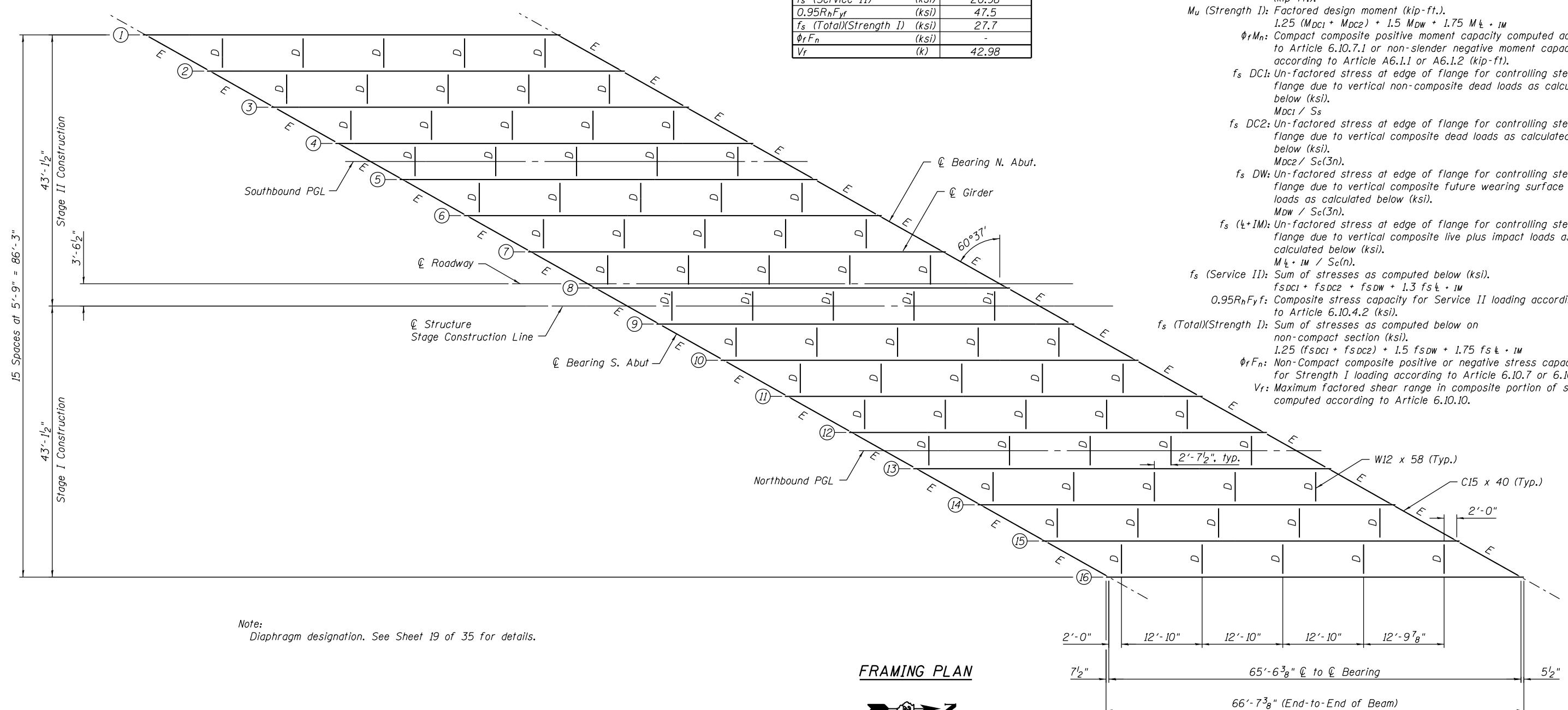


* TOP OF WEB ELEVATIONS		
Beam Number	€ Brg. S. Abut.	€ Brg. N. Abut.
1	645.83	646.07
2	646.00	646.20
3	646.16	646.32
4	646.32	646.43
5	646.47	646.54
6	646.62	646.64
7	646.75	646.73
8	646.88	646.81
9	646.88	646.81
10	646.78	646.62
11	646.65	646.46
12	646.53	646.29
13	646.39	646.11
14	646.25	645.92
15	646.10	645.73
16	645.95	645.53

* For Fabrication Only

INTERIOR GIRDER REACTION TABLE	
	Abutment
R _{DC1} (k)	26.08
R _{DC2} (k)	10.10
R _{DW} (k)	8.60
R _{L + IM} (k)	103.15
R _{Total} (k)	147.92

INTERIOR GIRDER MOMENT TABLE	
	0.5 Sp.
I _s (in ⁴)	7,246
I _{c(n)} (in ⁴)	25,684
I _{c(3n)} (in ⁴)	16,956
S _s (in ³)	714
S _{c(n)} (in ³)	1,064
S _{c(3n)} (in ³)	965
DC1 (k'/')	0.775
M _{DC1} ('K)	404
DC2 (k'/')	0.338
M _{DC2} ('K)	158
DW (k'/')	0.288
M _{DW} ('K)	134
M _{L + IM} ('K)	721
M _u (Strength I) ('K)	2,165
φ _f M _n ('K)	4,293
f _s DC1 (ksi)	6.78
f _s DC2 (ksi)	1.96
f _s DW (ksi)	1.67
f _s (L+IM) (ksi)	8.13
f _s (Service II) (ksi)	20.98
0.95R _h F _{yf} (ksi)	47.5
f _s (Total)(Strength I) (ksi)	27.7
φ _f F _n (ksi)	-
V _f (k)	42.98



FRAMING PLAN



I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s(Total-Strength I, and Service II) due to non-composite dead loads (in.⁴ and in.³).
I_{c(n)}, S_{c(n)}: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s(Total-Strength I, and Service II) due to short-term composite live loads (in.⁴ and in.³).
I_{c(3n)}, S_{c(3n)}: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s(Total-Strength I, and Service II) due to long-term composite (superimposed) dead loads (in.⁴ and in.³).
DC1: Un-factored non-composite dead load (kips/ft.).
M_{DC1}: Un-factored moment due to non-composite dead load (kip-ft.).
DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).
M_{DC2}: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).
DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).
M_{DW}: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).
M_{L + IM}: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).
M_u (Strength I): Factored design moment (kip-ft.).
1.25 (M_{DC1} + M_{DC2}) + 1.5 M_{DW} + 1.75 M_{L + IM}
φ_fM_n: Compact composite positive moment capacity computed according to Article 6.10.7.1 or non-slender negative moment capacity according to Article A6.1.1 or A6.1.2 (kip-ft.).
f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
M_{DC1} / S_s
f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
M_{DC2} / S_{c(3n)}
f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
M_{DW} / S_{c(3n)}
f_s (L+IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live plus impact loads as calculated below (ksi).
M_{L + IM} / S_{c(n)}
f_s (Service II): Sum of stresses as computed below (ksi).
f_sDC1 + f_sDC2 + f_sDW + 1.3 f_sL + IM
0.95R_hF_{yf}: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).
f_s (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
1.25 (f_sDC1 + f_sDC2 + 1.5 f_sDW + 1.75 f_sL + IM
φ_fF_n: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7 or 6.10.8 (ksi).
V_f: Maximum factored shear range in composite portion of span computed according to Article 6.10.10.