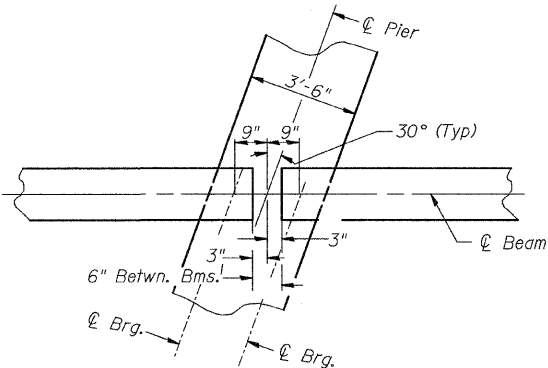


INTERIOR BEAM MOMENT TABLE				
		0.4 Sp. 1 0.6 Sp. 3	Pier 1 or 2	0.5 Sp. 2
I	(in ⁴)	48,648	-	48,648
I'	(in ⁴)	291,149	-	291,149
S _b	(in ³)	3,165	-	3,165
S _b '	(in ³)	6,000	-	6,000
S _t	(in ³)	2,358	-	2,358
S _t '	(in ³)	25,964	-	25,964
DC1	(k/')	1.00	-	1.00
M _{DC1}	('k)	381	-	392
DC2	(k/')	0.15	0.15	0.15
M _{DC2}	('k)	37	46	13
DW	(k/')	0.30	0.30	0.30
M _{DW}	('k)	73	92	26
M _{L + Imp}	('k)	600	454	485

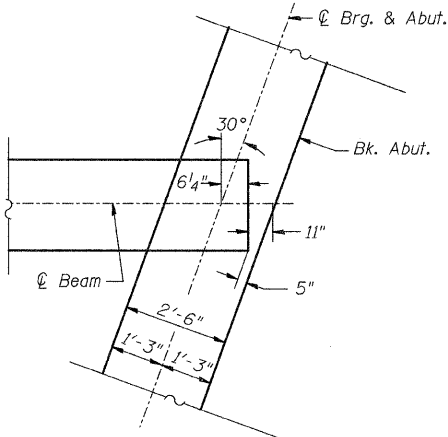
INTERIOR BEAM REACTION TABLE				
		Abut.	Pier 1 Span 1 Pier 2 Span 3	Pier 1 Span 2 Pier 2 Span 2
R _{DC1}	(k)	27.6	27.6	28.0
* R _{DC2}	(k)	3.3	4.6	4.6
* R _{DW}	(k)	6.6	9.2	9.2
* R _{L + Imp}	(k)	49.1	44.1	44.1
R _{Total}	(k)	86.6	85.5	85.9

* The total R_{DC2}, R_{DW} and R_{L + Imp} are assumed to be distributed evenly to each bearing line at a pier regardless of the span ratios. The bearing design at a pier is based on the maximum reactions of either span.

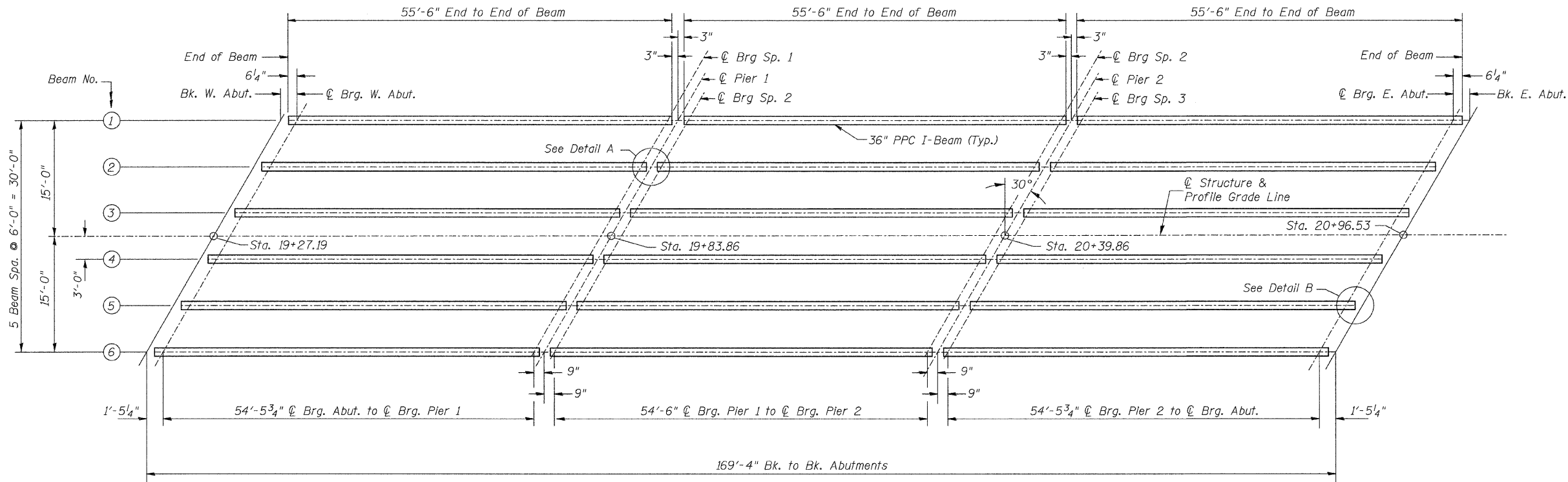
- I: Non-composite moment of inertia of beam section (in.⁴).
I': Composite moment of inertia of beam section (in.⁴).
S_b: Non-composite section modulus for the bottom fiber of the prestressed beam (in.³).
S_b': Composite section modulus for the bottom fiber of the prestressed beam (in.³).
S_t: Non-composite section modulus for the top fiber of the prestressed beam (in.³).
S_t': Composite section modulus for the top fiber of the prestressed beam (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 + Imp}: Un-factored live load moment plus dynamic load allowance (impact) (kip-ft.).



DETAIL A
(Typical @ Piers)



DETAIL B
(Typical @ Abutments)



FRAMING PLAN

FRAMING PLAN