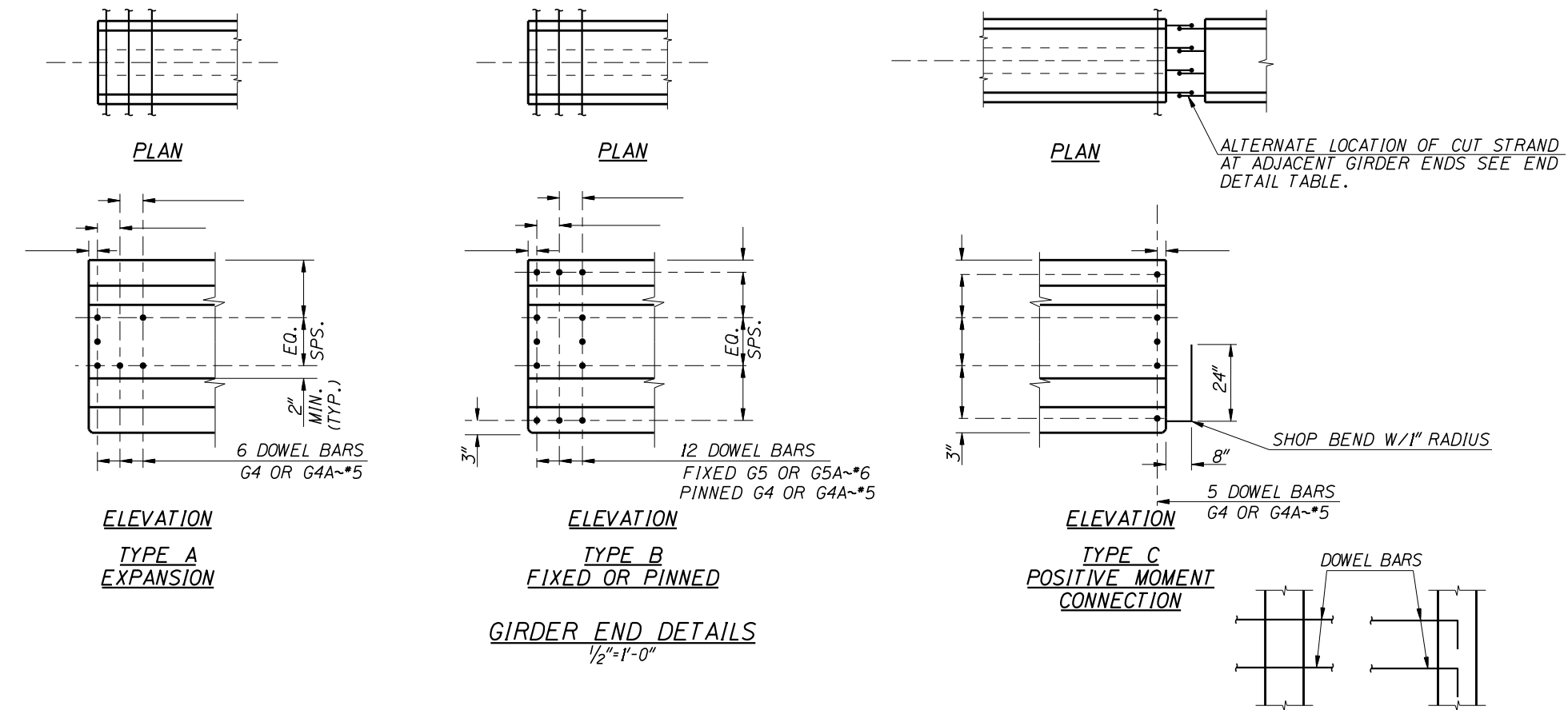
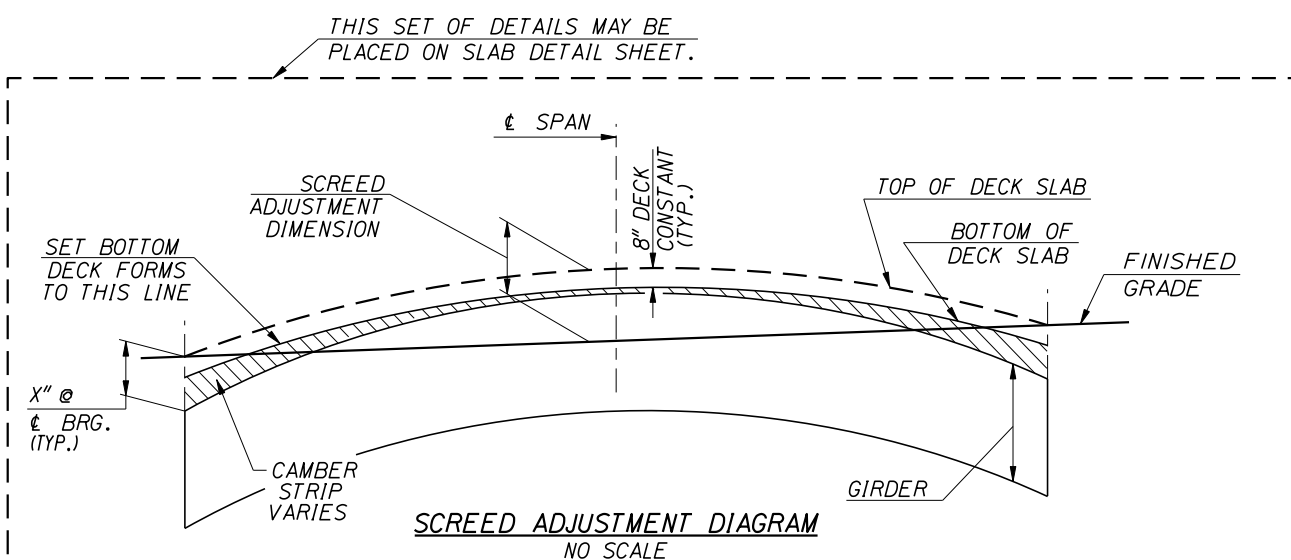
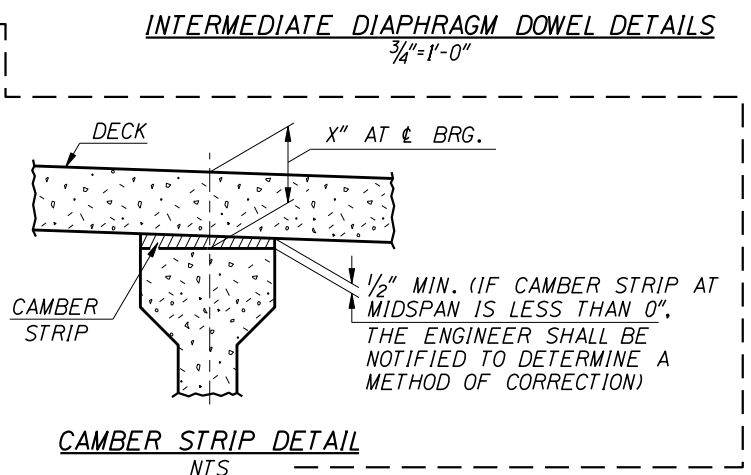




NOTES
LOSSES
1. GIRDERS DESIGNED USING IMMEDIATE PRESTRESS LOSSES OF psi AND FINAL TOTAL PRESTRESS LOSSES OF psi.
DOWELS
2. DOWELS MAY BE PROVIDED BY ANY OF THE FOLLOWING METHODS:
a. CAST IN PLACE AS SHOWN, PROVIDED THAT HOOKED BARS ARE USED WHEN NECESSARY ON THE EXTERIOR GIRDER.
b. COIL ROD INSERTS AND THREADED DOWELS MAY BE PROVIDED, IF THE ULTIMATE STRENGTH OF THE INSERT IS IN ACCORDANCE WITH THE FOLLOWING:

BAR SIZE	MINIMUM ULTIMATE TENSION CAPACITY (LBS.)
*4	12,000
*5	18,600
*6	26,400

c. ON INTERIOR GIRDERS ONLY, 1/2" Ø HOLES MAY BE PROVIDED DURING FABRICATION AND DOWELS GROUTED IN PLACE AFTER DELIVERY TO THE JOB SITE.
3. END DIAPHRAGM DOWELS SHALL BE PLACED PARALLEL TO & BEARING. INTERMEDIATE DIAPHRAGM DOWELS SHALL BE PLACED PERPENDICULAR TO & GIRDERS.
SHOP DRAWINGS
4. SHOP DRAWING DETAILS SHALL CONFORM TO CURRENT AASHTO SPECIFICATIONS. DETENSIONING SEQUENCE AND GIRDER LIFT POINTS SHALL BE SHOWN ON SHOP DRAWINGS.
5. DURING TRANSPORTATION AND ERECTION, THE GIRDER SHALL BE Laterally RESTRAINED UNTIL DIAPHRAGMS ARE PLACED. THE METHOD OF LATERAL RESTRAINT SHALL BE SHOWN ON THE SHOP DRAWINGS.
MISCELLANEOUS GIRDER DETAILS
6. END OF GIRDERS SHALL BE PLUMB WHEN GIRDERS ARE SET TO GRADE.
7. DIMENSION (A) IN TABLE IS A HORIZONTAL DIMENSION. FINISHED LENGTH OF GIRDER SHALL BE CORRECTED FOR GRADE AND ALLOWANCE MADE FOR BEAM SHORTENING.
8. GIRDER ERECTION/DECK PLACEMENT ASSUMED TO OCCUR WITHIN 60-90 DAYS AFTER GIRDER FABRICATION.



TYPE C END DETAIL

GIRDER	* STRAND	DISTANCE FROM BOTTOM OF GIRDER
TYPE 2	2	2"
TYPE 3	4	4"
TYPE 4	4	2"

* ESTIMATED DEFLECTION OF PRESTRESSED GIRDER AT RELEASE
** ESTIMATED DEFLECTION OF PRESTRESSED GIRDER AT ERECTION/DECK PLACEMENT.

SCREED ADJUSTMENT DIMENSIONS AT & OF GIRDERS											
LOCATION	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
	0										0

DEFLECTION DATA ~ INCHES							
LOCATION	Δ P PRESTRESS	Δ G GIRDER	Σ Δ*	Δ I**	Δ S NON COMP. DL	Δ C COMP. DL	Δ 2 Δ S + Δ C
				1.55 Δ P+ 1.65 Δ G			