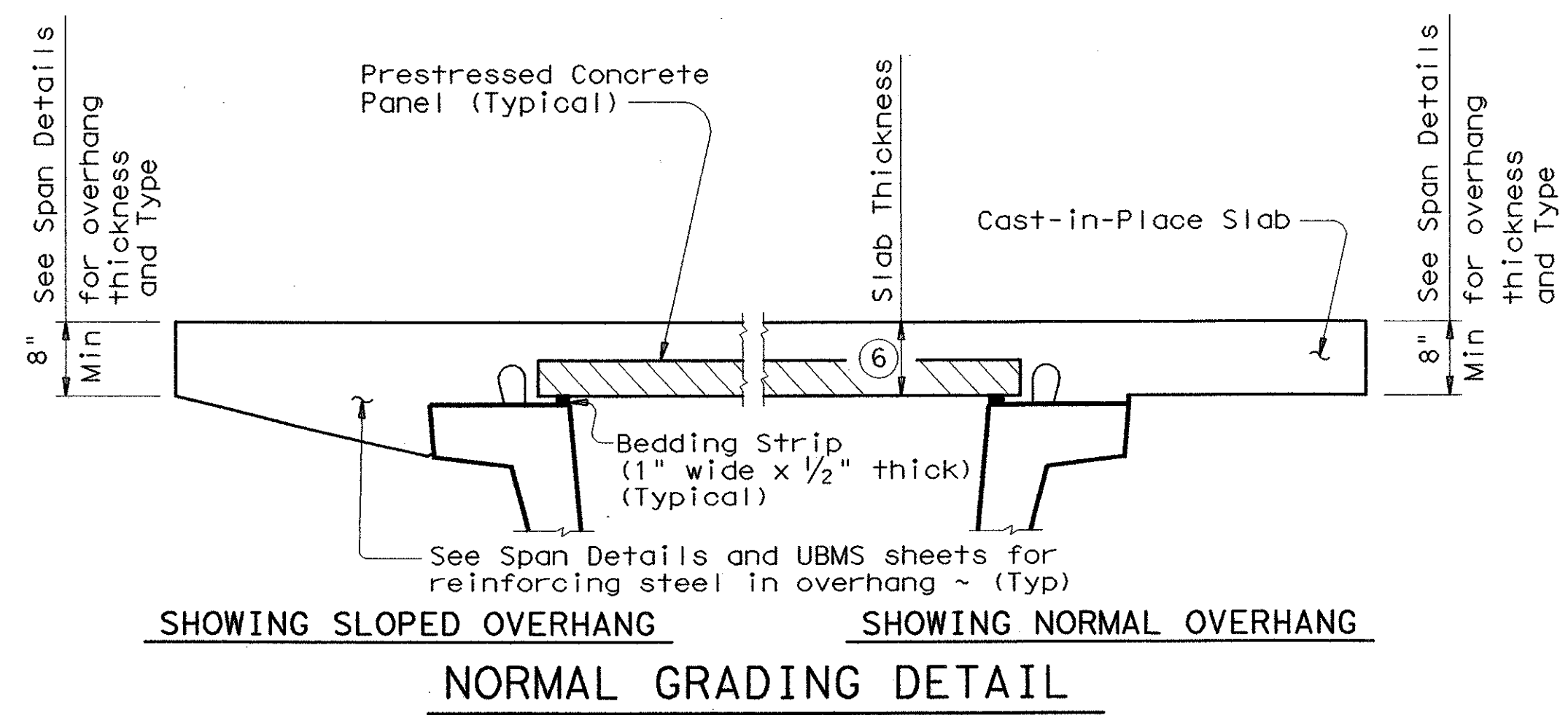


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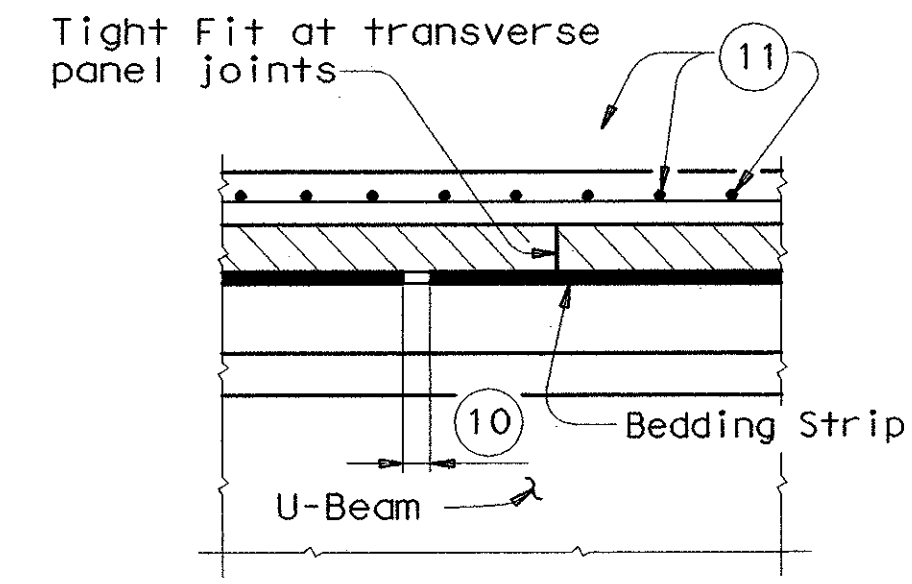
LEVELS DISPLAYED

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

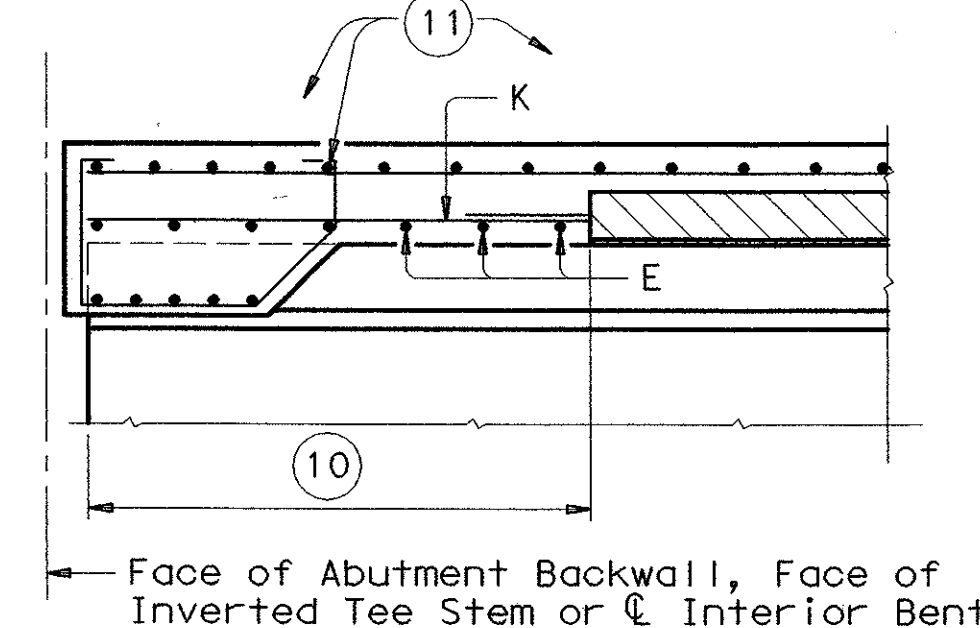
ACC: (LW=1, 2 for English) 63



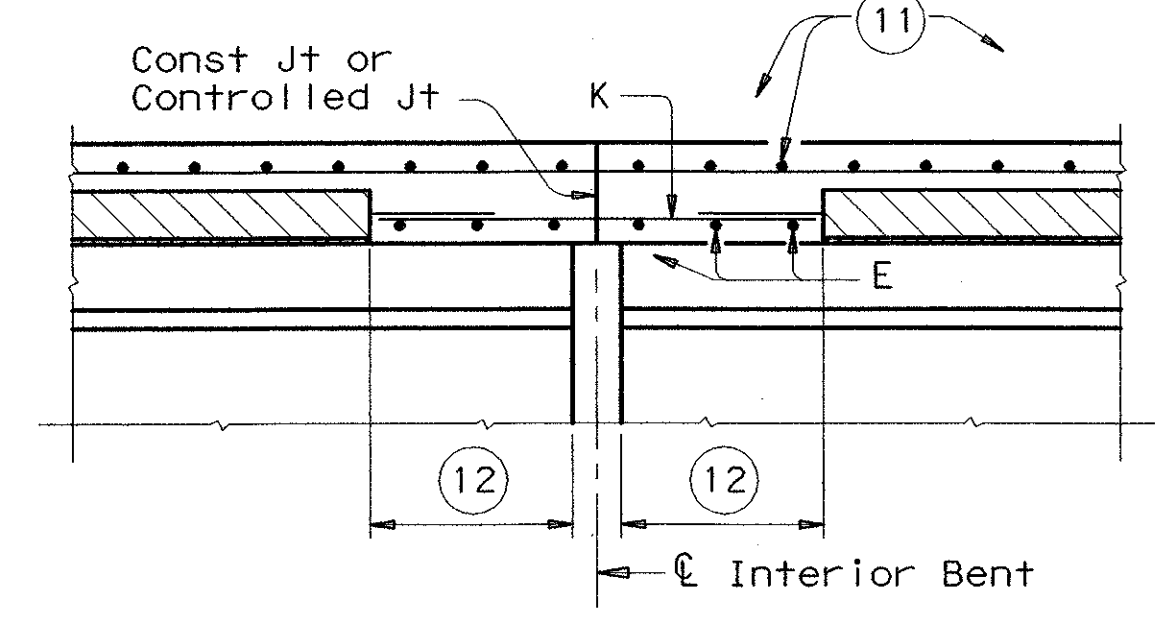
Minimum bedding strip dimensions shall be as shown above. To reduce the quantity of cast-in-place concrete, thickness shown may be increased by 1/4" increments to a maximum of 1 1/2". Strips may be comprised of one layer or two, except that no layer shall be less than 1/2" thick. All layers of bedding strips shall be bonded to the beam and to each other with an approved adhesive. The same thickness strip shall be used under any one panel edge and the maximum change in thickness between adjacent panels shall be 1/4". Panels may be supported by an alternate method, using a commercial product, if approved by the Engineer of Bridge Design, Design Division.



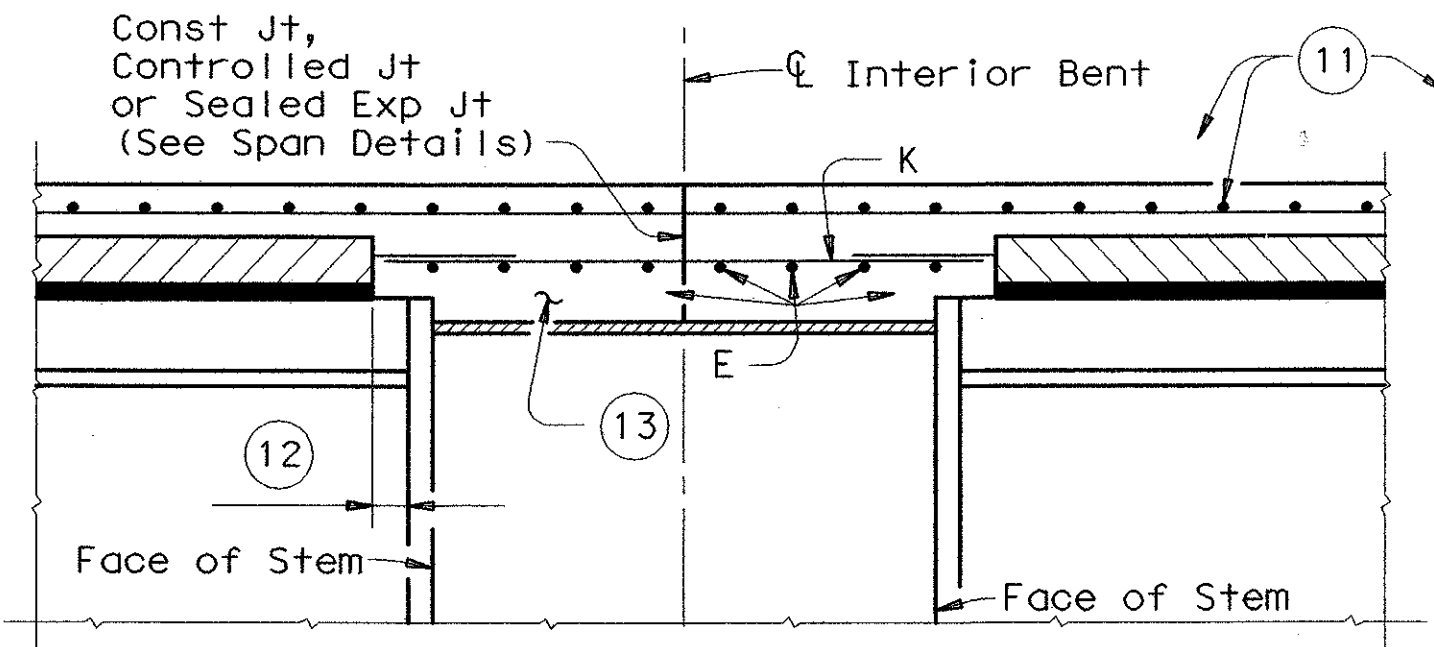
SECTION THRU TRANSVERSE PANEL JOINTS



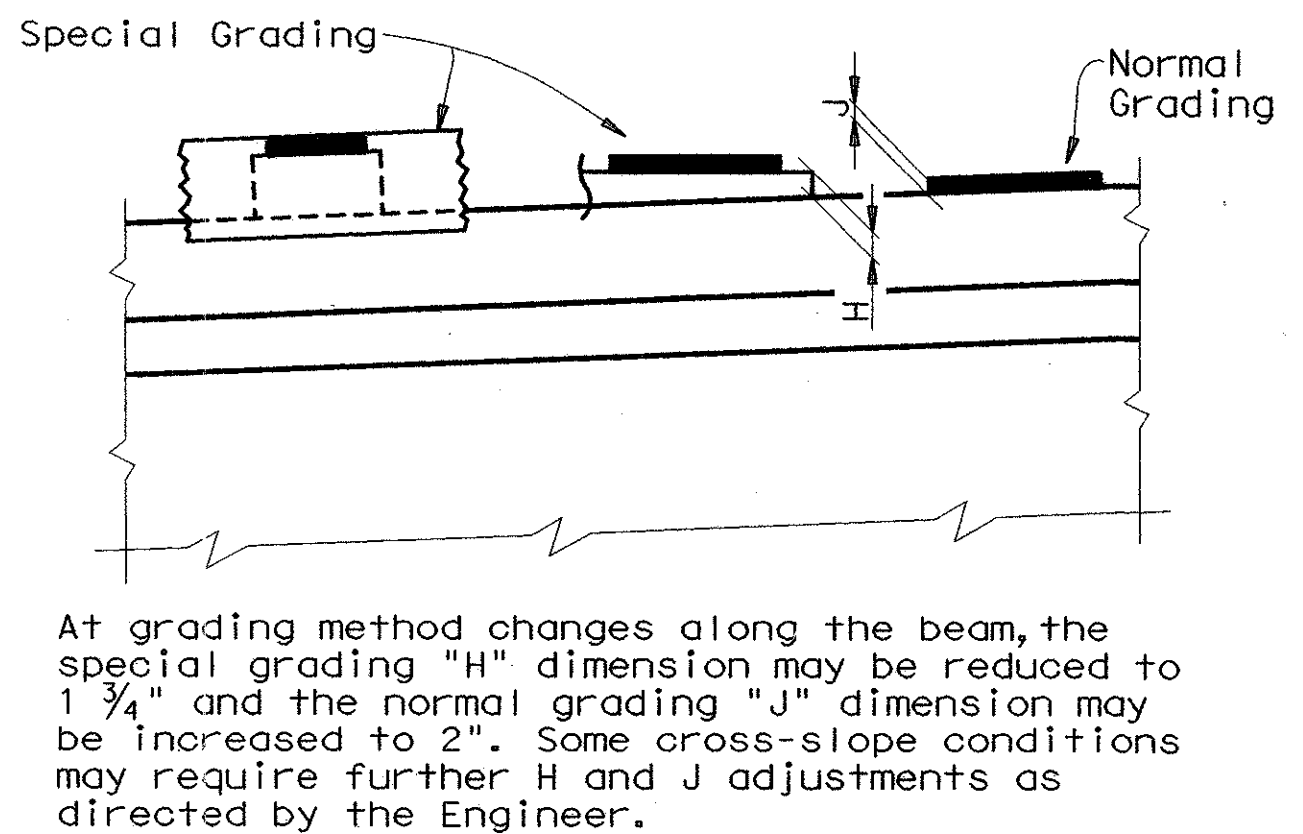
SECTION THRU THICKENED SLAB END



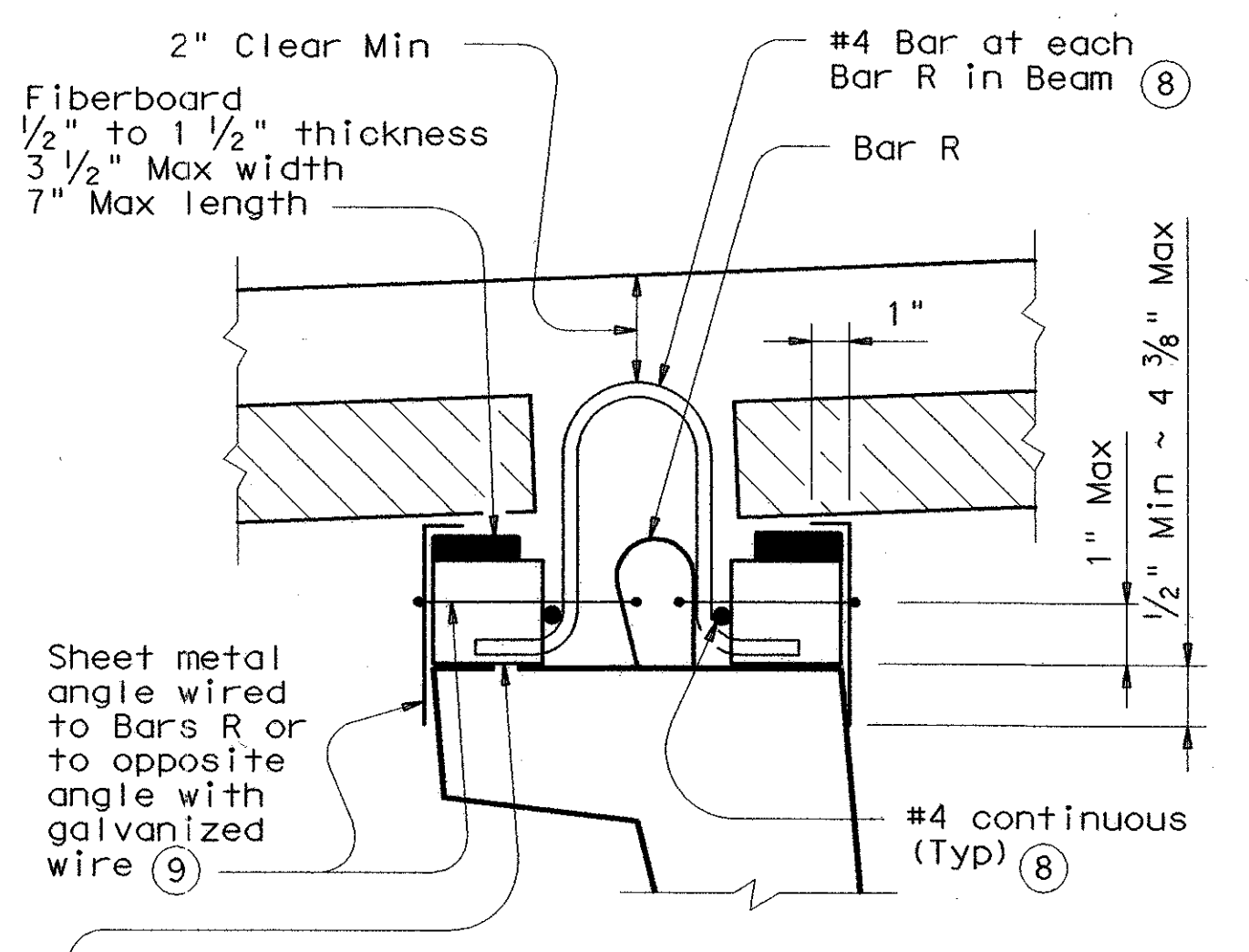
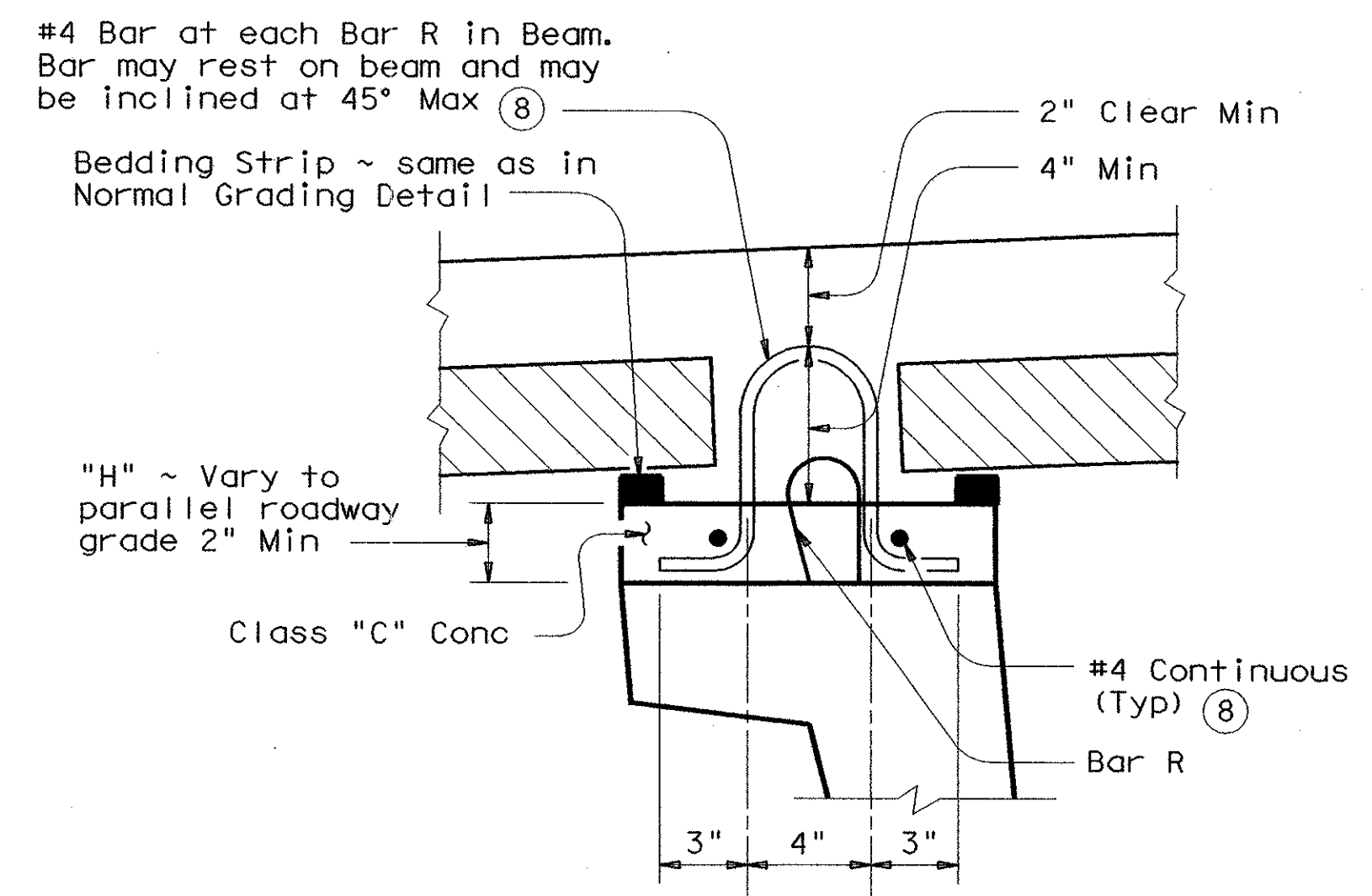
SECTION THRU CONTINUOUS SLAB AT CONVENTIONAL BENT



SECTION THRU SLAB AT INVERTED TEE BENT



At grading method changes along the beam, the special grading "H" dimension may be reduced to 1 3/4" and the normal grading "J" dimension may be increased to 2". Some cross-slope conditions may require further H and J adjustments as directed by the Engineer.



Place concrete blocks (7) at 1/4 pts of panel edges (2" along beam). For panels 4 ft long and less the blocks may be at panel corners and common to two panels. Extruded polystyrene shall not be used for panel bedding with concrete blocks.

SPECIAL GRADING DETAILS

For use where the distance between top of beam and finished grade cannot be achieved within tolerances on cast-in-place slab thickness and thickness of bedding strips. Panels may be supported by an alternate method, using a commercial product, if approved by the Director of Bridge Design, Design Division.

- (6) The actual thickness constructed may exceed the slab thickness shown on Span Details but, at mid-span of beams the extra thickness shall be no more than 1". Bearing Seat Elevations or finished grade may be adjusted.
- (7) Concrete blocks used for special grading shall be any convenient plan dimension with a minimum of 2" x 4" and a maximum of 4" x 8". Heights may be from 1 1/8" to 5 1/2".
- (8) Concrete blocks from 1 1/8" high to 2" high may be used without the additional R bar extensions or longitudinal No. 4 bars.
- (9) For blocks up to 3 1/2" high, Use 1" x 6" 16 gage galvanized sheet metal angle and for blocks 3 1/2" to 5 1/2" high, use 1" x 8" 16 gage galvanized sheet metal angle. Tie sheet metal thru holes in angle at 12" centers with 14 gage minimum galvanized wire. Sheet metal angles are to be overlapped at splices and left in place. Vent holes 3/8" in diameter are to be placed in angles within the upper 1", spaced at 36" centers.
- (10) 1/4" Open Joint in bedding strip at 4'-0" c/c. Place 6" long piece of bedding strip 1/4" behind opening if necessary to reduce grout leakage.
- (11) For size and spacing of top slab reinforcing steel and reinforcing steel in Thickened Slab End, see Miscellaneous Slab Details sheets, UBMS, and Span Details.
- (12) See Panel Placement Detail on sheet 1 of 3 for dimension.
- (13) See Miscellaneous Slab Details at Inverted Tee Bents sheet, UBMS, for any additional reinforcing steel that may be required over stem.

BAR	SIZE	MAX SPA (in.)
A	#5	~
D	#5	9
E	#5	6
K	#5	9
P	#4	18
Z	#4	18

Max Spa as listed unless otherwise shown.

Texas Department of Transportation Design Division (Bridge)

PRESTRESSED CONCRETE PANEL DETAILS (FOR PRESTR CONC U-BEAMS)

PCP (U)

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