

NOTES:

Sawing of panels is acceptable in areas where projecting reinforcement is not required. It is desirable to have the prestressing strands project from the panels as long as the projecting strands do not interfere with other bridge components.

● Reinforcing perpendicular to strands may be deformed reinf. bars, welded wire fabric, or welded deformed bar mats, and shall be placed directly above the strands. Minimum area of reinforcing perpendicular to strands shall be 0.11 sq. in. per ft. Tensioned or untensioned strands may also be used. These individual bars or wires shall be no larger than .375" diameter. For location of longitudinal bar extensions, see Precast Panel Deck Form sheet.

■ May be reduced to 3/8" Ø strands at 9 1/2" when the panel width is less than 5'-7" and the design span is less than 7'-7". The longitudinal reinforcing steel in the cast-in-place portion of the deck may rest directly on the panels as necessary to obtain clearances at the top of deck, unless otherwise noted.

ⓔ denotes epoxy coated reinforcing.

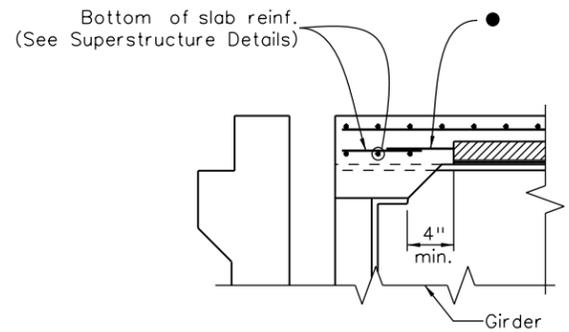
The tolerance on strand placement shall not exceed ±1/4".

The tolerance on panel thickness shall not exceed ±1/4".

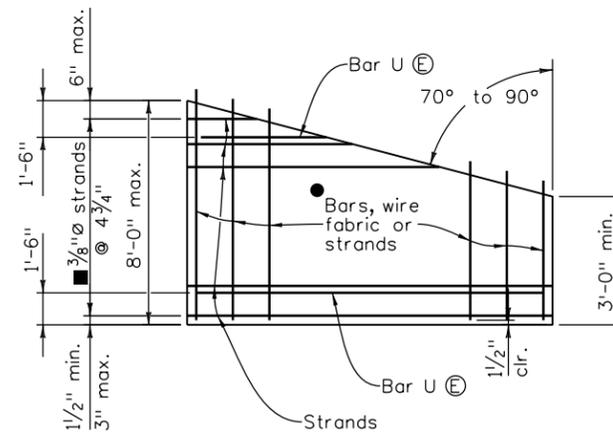
Concentrated construction loads shall not exceed 500 lb for 3" panels, 700 lb for 3.5" panels, nor 1100 lb for 4" panels unless the load is distributed to less than 117 psf.

Total loads applied to any panel during construction shall not exceed 117 psf.

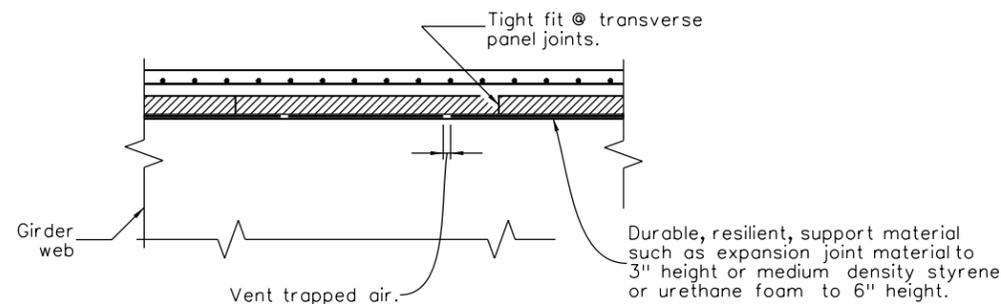
Bottom flexural cracks, sags greater than 1/2", or cambers greater than 1/2" will be considered evidence of mishandling, overloading, or exceeding allowable tolerances, and may be cause for rejecting panels at the Engineer's discretion.



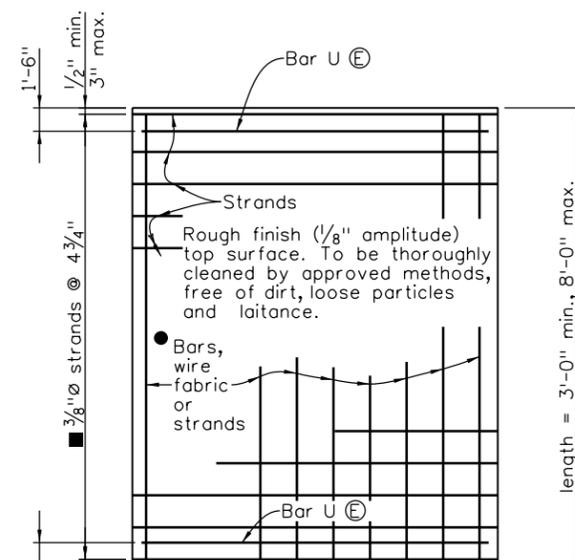
SECTION AT ABUTMENT



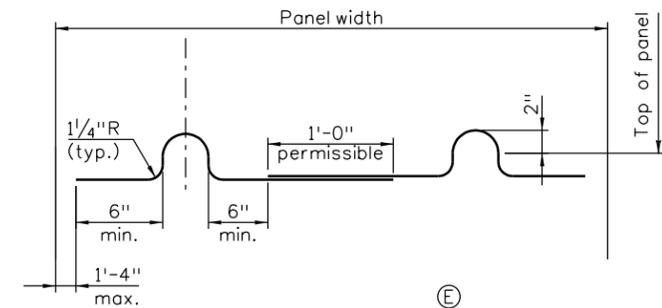
**PLAN - SKEWS 70° TO 90°
OPTIONAL END PANEL**



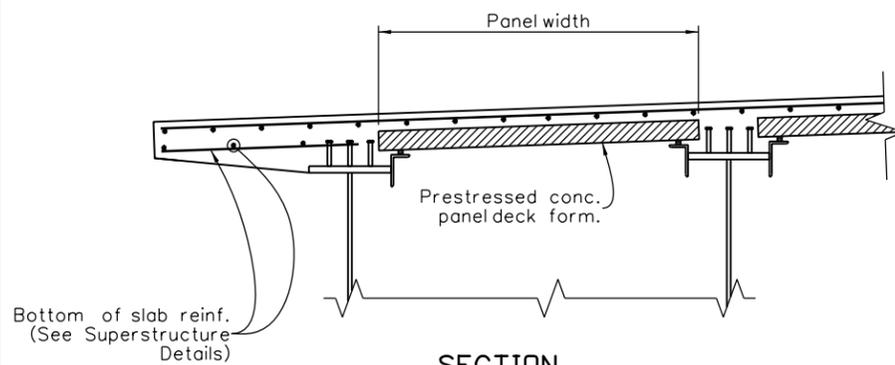
**SECTION THRU TRANSVERSE
PANEL JOINTS**



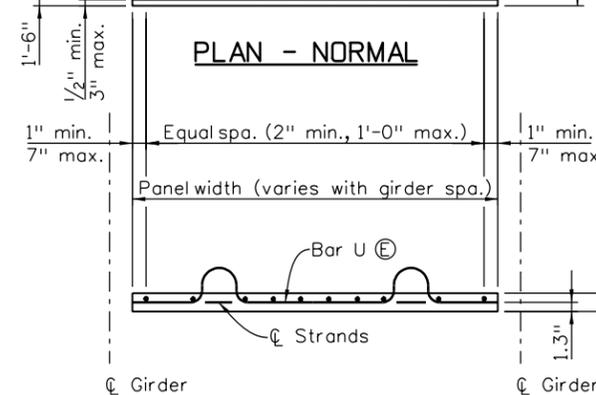
PLAN - NORMAL



**BAR U (#3)
PRESTRESSED PANEL DETAILS**



SECTION



PRESTRESSED PANEL DETAILS

Designer & Detailer: Use the appropriate panel thickness.
 3" for panel widths 8'-0" or less and design span of completed slab 10'-0" or less.
 3.5" preferred thickness for panel widths 11'-1" or less and design span of completed slab 12'-3" or less.
 4" for panel widths 13'-10" or less and design span of completed slab 13'-10" or less.

Revision Dates (Preliminary Stage Only)		DATE	BY
2/93	3/94	3/99	11/99
4/02	6/04	3/07	10/13

Design		Detail		Quantities	
DATE	INITIAL	DATE	INITIAL	DATE	INITIAL
MM/YY	XXX	MM/YY	XXX	MM/YY	XXX
Checked By					

Print Date: \$DATE\$
File Name: Sheet_B-601-4S.dgn
Horiz. Scale: NTS Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

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Staff Bridge Branch **Initials**

As Constructed
No Revisions:
Revised:
Void:

PRECAST PANEL DECK FORM			
Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Project No./Code
Detailer: XXXXXXXX	Subset Sheets: BXX of XXX	X-XX-XX	
Sheet Subset: BRIDGE			Project Number
			Code
			Sheet Number

Project No./Code
Project Number
Code
Sheet Number