

SUBDIRECTORY	.DGN LOCATOR	SHEET SCALE
DECK PANELS	Bulb Tee Deck	AS NOTED

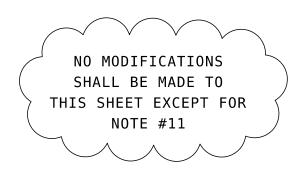
PRESTRESSED CONCRETE DECK PANEL NOTES

- 1. PRESTRESSING STRANDS SHALL BE $\frac{3}{8}$ in. DIAMETER, GRADE 270 SEVEN WIRE LOW-RELAXATION TYPE, CONFORMING TO THE REQUIREMENTS OF ASTM A416. ALL STRANDS SHALL BE PULLED TO HAVE A NET TENSION OF 17.2 KIPS PER STRAND AFTER ALLOWING FOR CHUCK SLIPPAGE.
- 2. THE MILD REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M31 (ASTM A615) GRADE 60. MILD REINFORCEMENT FOR THE END PANELS SHALL BE EPOXY COATED AND CONFORM TO THE REOUIREMENTS OF ASTM A775 AND D3963.
- 3. THE TOP SURFACE OF THE DECK PANELS SHALL BE BROOMED TO A SURFACE ROUGHNESS OF 0.06 in. BROOM THE SURFACE PARALLEL TO THE STRAND.
- 4. THE GROUT DAM SHALL BE A RIGID MATERIAL THAT PROVIDES A VARIABLE DEPTH AND IS BONDED TO THE BEAM TO RETAIN THE GROUT DURING PLACEMENT. THE MATERIAL AND ADHESIVE SHALL BE APPROVED BY THE CONTRACT ADMINISTRATOR. SEE SECTION 528.
- 5. PANEL LIFTING LOCATIONS SHOWN ARE ADVISORY ONLY. ACTUAL LIFTING LOCATIONS SHALL BE DETERMINED BY THE FABRICATOR AND INDICATED ON THE SHOP DRAWINGS.
- 6. CORROSION INHIBITOR (CALCIUM NITRITE) ADMIXTURE SHALL BE USED.
- 7. SEE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS FOR SECTIONS 520 AND 528 FOR ADDITIONAL INFORMATION.
- 8. IF LEVELING SCREWS ARE USED, THEY SHALL BE COMPLETELY REMOVED AFTER THE GROUTING OPERATIONS AND PRIOR TO DECK PLACEMENT. HOLES LEFT BY LEVELING SCREWS SHALL BE FILLED WITH AN APPROVED GROUT PRIOR TO DECK PLACEMENT THE LEVELING SCREW LOCATIONS SHALL NOT INTERFERE WITH THE LOCATION OF THE GROUT DAM.
- 9. TEMPORARY BRACING BETWEEN ENDS OF PANELS SHALL BE INSTALLED AS REQUIRED TO PREVENT PANEL MOVEMENT TRANSVERSE TO THE GIRDERS.
- 10. SHOP DRAWINGS SHOWING THE LAYOUT AND CONSTRUCTION DETAILS OF THE DECK PANELS SHALL BE SUBMITTED FOR APPROVAL IN ACCORDANCE WITH THE SPECIAL PROVISION.
- 11. THE FOLLOWING DECK PANEL DESIGN INFORMATION SHALL BE USED FOR THIS PROJECT:

C-C GIRDER SPACING = XXGIRDER FLANGE WIDTH = 47.24" ASSUMED GROUT DAM WIDTH = XXPANEL LENGTH = XX (NOTE: IF THE CONTRACTOR PROPOSES A GROUT DAM WIDTH THAT EXCEEDS THE ASSUMED WIDTH, PANEL LENGTH SHALL BE INCREASED AS REQURIED TO PROVIDE A 2" MIN. GROUT BED WIDTH.) PANEL THICKNESS = 3.5" CONCRETE STRENGTH f'c = XX AT 28 DAYS f'ci = XX AT RELEASESTRAND SPACING = XXTOTAL NUMBER OF STRANDS REQUIRED PER 8' PANEL WIDTH = XX

CAST-IN-PLACE CONCRETE NOTES

- 1. CAST-IN-PLACE CONCRETE STRENGTH f'c = 4,000 PSI AT 28 DAYS
- 2. CAST-IN-PLACE REINFORCING SHALL FOLLOW THE LAYOUT SHOWN
- ON THE DECK REINFORCING SHEET.



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ECAST DEC	K P	ANEL	- Bl	JLB-	TEE	GIR	DER		
EVISIONS AFTER PROPOS	AL		BY	DATE		BY	DATE	XX OF	
		DESIGNED	NHDO	T 4/02	CHECKED	NHDOT	12/17	FILE NUMBER	
		DRAWN	NHDO	T 12/10	CHECKED	NHDOT	12/17		
		QUANTITIES	s xxx	XX/XX	CHECKED	XXX	XX/XX		
		ISSUE DAT	E 4/02	FEDERAL	PROJECT	NO. SHE	ET NO.	TOTAL SHEETS	
		REV. DATE	7/31/23						