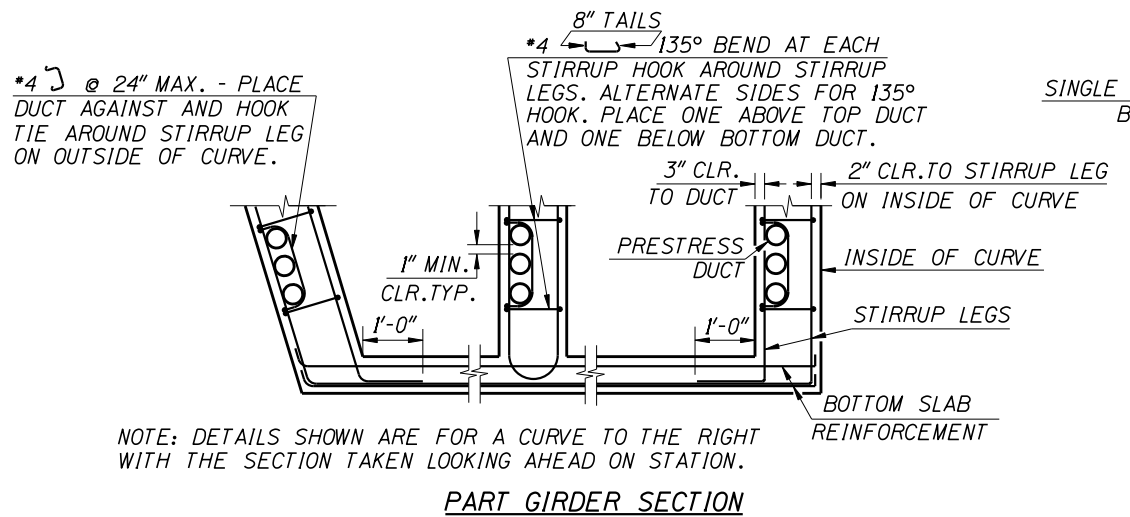
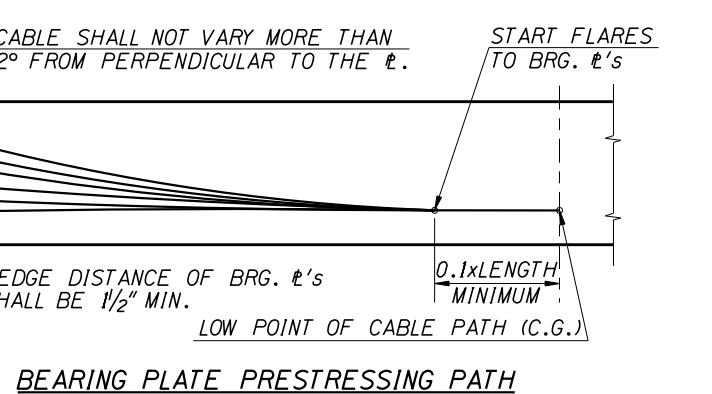
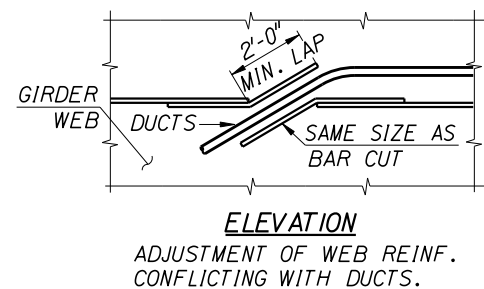
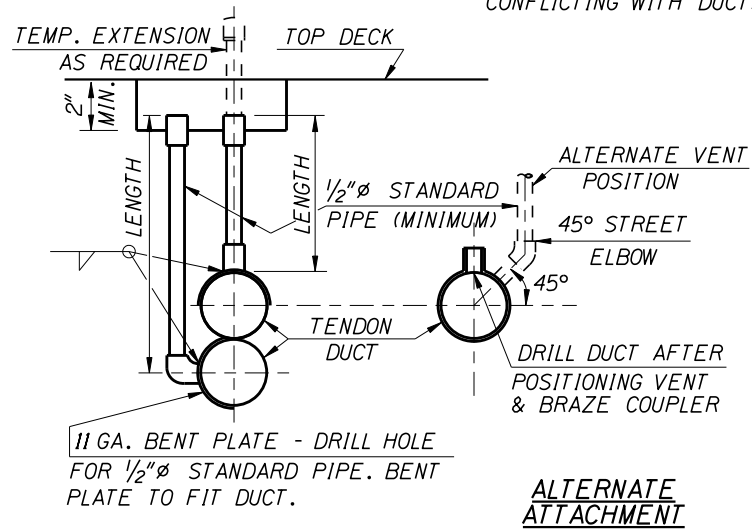


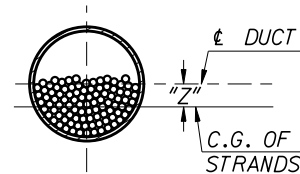


GROUT VENT DETAILS

- NOTES:**
1. SECURE GROUT VENT TO TENDON DUCT WITH HOSE CLAMPS AND SEAL WITH TAPE TO PREVENT CONCRETE ENTRY DURING GIRDER POUR. CONTRACTOR MAY USE ALTERNATE VENT ATTACHMENT SHOWN.
 2. CONTRACTOR TO SUBMIT SHOP PLANS ON VENT USED.

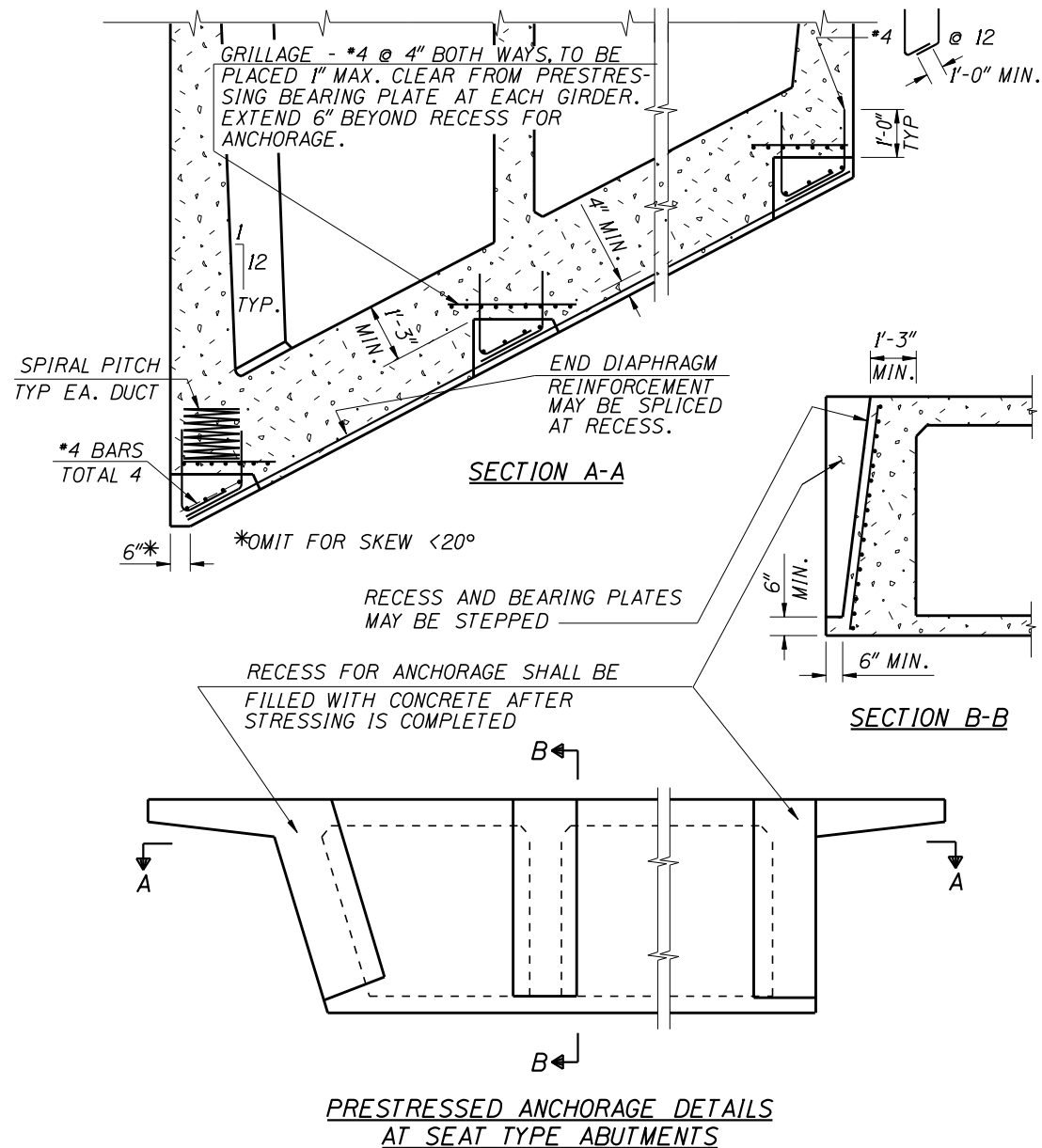
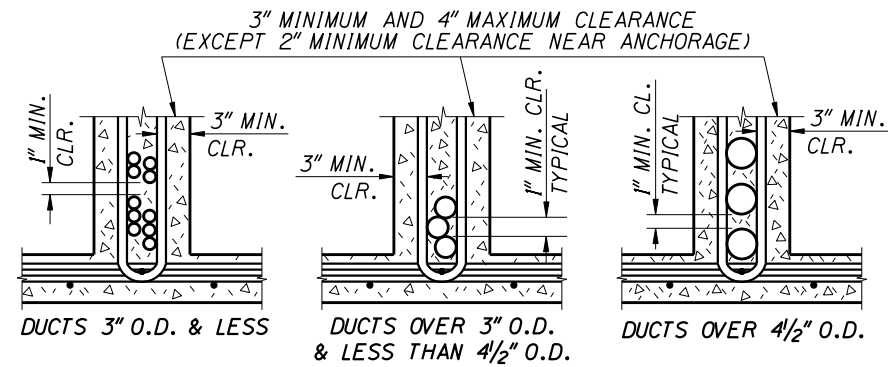
THE AMOUNT OF TENDON OFFSET WITHIN THE DUCT (THE "Z" VALUE) CONSIDERED ARE AS FOLLOWS:

DUCT SIZE	Z
3" O.D. AND LESS	1/2"
OVER 3" O.D. TO 4"	3/4"
OVER 4" O.D.	1"



GENERAL NOTES

1. STRESSING SHALL START AT THE CENTERLINE OF THE STRUCTURE AND WORK TOWARDS THE EDGES OF STRUCTURE.
2. GIRDER STEMS SHALL BE FLARED AS NECESSARY NEAR ANCHORAGE TO PROVIDE A MINIMUM OF 2" CONCRETE COVERING THE DUCTS. THE CONTRACTOR MAY FLARE GIRDER WEBS TO ACCOMMODATE POST TENSION ANCHORS.
3. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER, FOR APPROVAL, DESIGN CALCULATIONS STAMPED BY A RESIDENT ENGINEER IN THE STATE OF IDAHO FOR THE LENGTH OF FLARES, ADDITIONAL CURVATURE, SHEAR REINFORCEMENT AND ANCHORAGE ZONE REINFORCEMENT.
4. EXTERIOR GIRDER FLARE SHALL BE ON INSIDE OF GIRDER ONLY.
5. GIRDER FLARES SHALL BE A MINIMUM OF 1 TO 12.
6. WHEN FLARE DUCT PATTERN IS USED, EXTRA DUCT TIES, EXTRA STIRRUPS, AND EXTRA CONCRETE TO BE PART OF POST-TENSION PAY ITEM AND ARE NOT INCLUDED IN REINFORCING SCHEDULE OR CONCRETE QUANTITIES (SHOP PLANS SHALL INCLUDE THESE DETAILS FOR APPROVAL).
7. BAR REINFORCEMENT INTERFERING WITH THE PRESTRESSING TENDON ALIGNMENT SHALL BE ADJUSTED, AS APPROVED BY THE ENGINEER.



NOTES:

DUCT PATTERNS SHOWN ARE FOR A 12" WIDE GIRDER STEM; FOR OTHER WIDTHS THE MINIMUM CLEARANCES MUST BE MAINTAINED. LONGITUDINAL TEMPERATURE REINFORCEMENT SHALL BE PLACED INSIDE STIRRUPS. REINFORCEMENT INTERFERING WITH PRESTRESSING TENDON SHALL BE ADJUSTED AS DIRECTED BY THE ENGINEER. APPROVAL OF THE ENGINEER IS REQUIRED FOR DEVIATIONS OF CLEARANCE REQUIREMENTS.

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY	ORIGINAL SIGNED BY:	IDAHO TRANSPORTATION DEPARTMENT	English	PROJECT NO.	POST-TENSIONING STANDARD DETAILS	BRIDGE PLANS	
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NO.	DATE SIGNED: DATE					BRIDGE LRFD MANUAL, PAGE B5.7B	
▲				DETAILED	prj00000\bridge\						COUNTY	KEY NO.
▲				DWG. CHECKED	b05_7b.dgn						BRIDGE DRAWING NO.	SHEET
▲				CORRECTIONS								OF
▲					DRAWING DATE: JUNE 2006							