PARTIAL PLAN ~ 15° SKEW
(Showing Type 4B20)

Bars A & B
Bars U & Z
Bars C
Bars A, C & U

PARTIAL PLAN ~ 30° SKEW
(Showing Type 4B20)

Bars A & B
Bars U & Z
Bars C
Bars A, C & U

SECTION THRU BLOCKOUT ~ TYPE 4B20
(Showing End Mat Reinforcing)

Bars A & B
Bars U & Z
Bars C
Bars A, C & U

SECTION THRU BLOCKOUT ~ TYPE 5B20
(Showing End Mat Reinforcing)

Bars A & B
Bars U & Z
Bars C
Bars A, C & U

ML93 LOADING SHEET 2 OF 3

PRESTRESSED CONCRETE BOX BEAM DETAILS (TYPE B20)

BB-B20
**BLOCKOUT, INTERIOR DIAPHRAGM AND DRAIN DETAILS**

**POST-TENSION ANCHORAGE DETAIL**

**DETAIL A**

1. Bars Z are required for beams topped with a cast-in-place concrete slab only.
2. Post-tensioning tendons are required for beams not topped with a Min 5" cast-in-place concrete slab. See span details for number and spacing of tendons, and Transverse Tendons. Cast interior diaphragms in exterior beams and beams that serve temporarily as exterior beams in staged constructed bridges. Form 2" dia holes in interior beams. See "Blockout, Interior Diaphragm, and Drain Details". Standard BBPT for details.
3. Place drain holes (1" Dia PVC Sch 40 Pipe) as shown in all beam void corners including each side of interior diaphragms. See "Blockout, Interior Diaphragm, and Drain Details".
4. Blockouts required at ends of all beams. Extend beam reinforcement into blockouts.
5. Use as required to maintain one inch clear between bars.
6. 3" Dia or sufficient depth to provide 1" Cover on cut-off tendon. See BBPT for details.
7. Dimension will vary slightly with skew. Adjust as necessary.