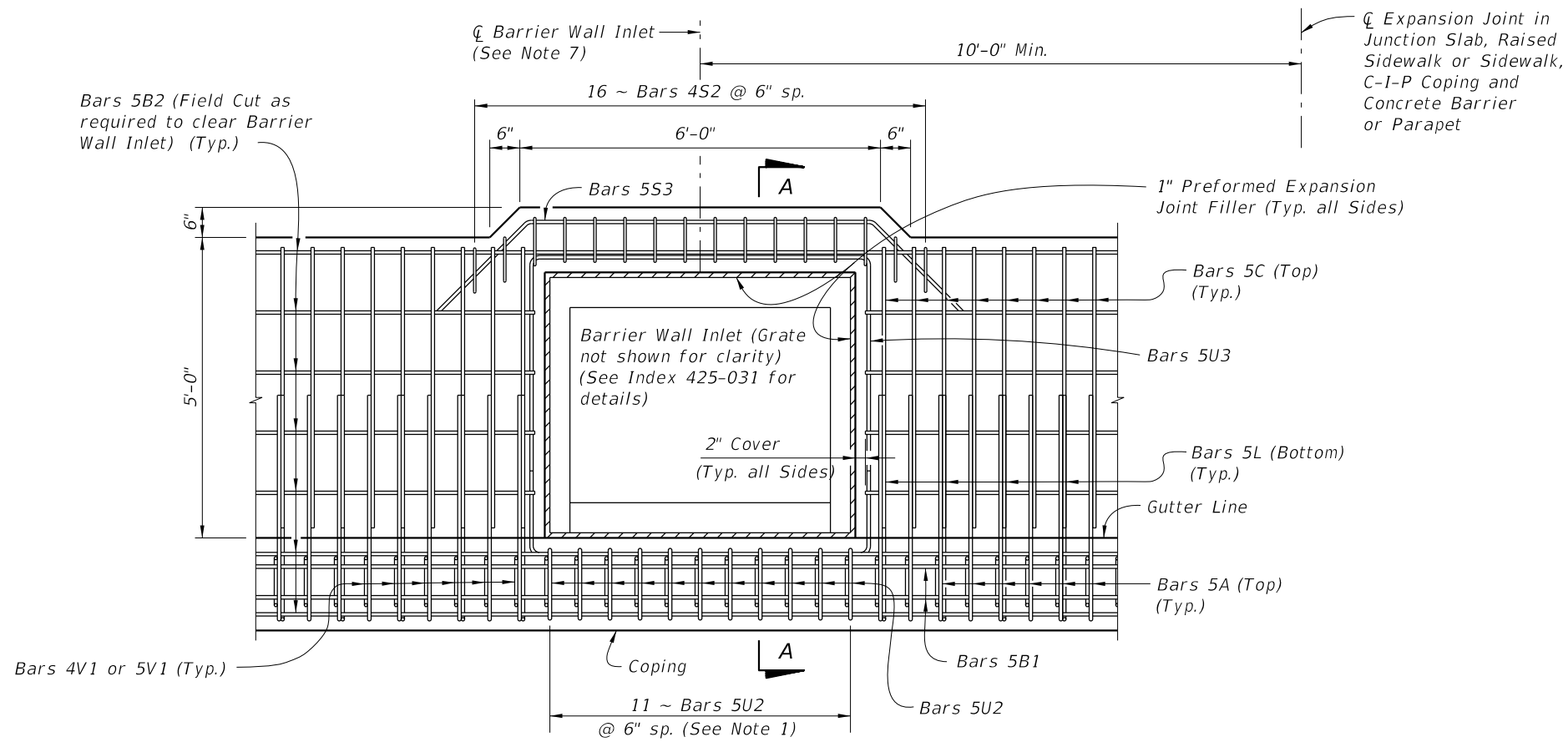
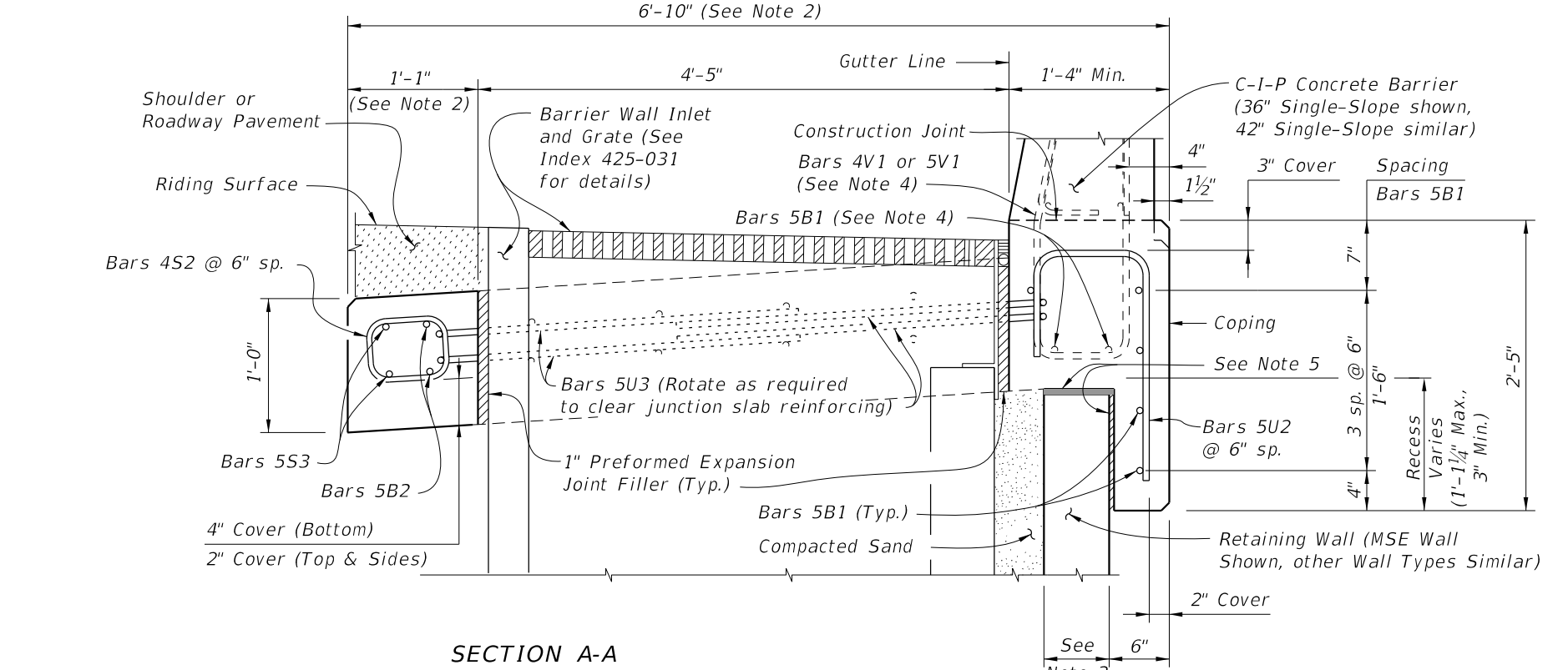




PLAN VIEW
(Junction Slab Shown, Raised Sidewalk Similar)



SECTION A-A
SECTION THRU JUNCTION SLAB, BARRIER WALL INLET AND RETAINING WALL
(Junction Slab Shown, Raised Sidewalk Similar)

REINFORCING STEEL BENDING DIAGRAMS - DRAINAGE

BILL OF REINFORCING STEEL			
MARK	REQD.	SIZE	LENGTH
S2	16	4	3'-1"
S3	2	5	10'-0"
U2	11	5	VARIES
U3	4	5	12'-10"

BAR 5S3

STIRRUP BAR 4S2

BAR 5U3

BAR 5U2

REINFORCING STEEL NOTES:

- All bar dimensions in the bending diagrams are out to out.
- All reinforcing steel at open joints will have a 2" minimum cover.
- See Index 521-610, 521-620 & 521-630 for Bars 5A, 5B, 5C and 5L.
- The Contractor may use Welded Wire Reinforcement (WWR) when approved by the Engineer. WWR must consist of Deformed wire meeting the requirements of Specification Section 931.

- NOTES:**
- Spacing shown is along the Gutter Line. Spacing shown is for C-I-P Junction Slab. For C-I-P Raised Sidewalks or Sidewalks, match bar spacing and size shown in Typical Sections (i.e., 11 ~ Bars 5U2 and 15 ~ Bars 4S2 @ 6" spacing for Raised Sidewalks).
 - Dimensions shown are for junction slab. Increase width as required for C-I-P Raised Sidewalk and Sidewalks.
 - Actual location & width vary depending on type of Retaining Wall used.
 - See Index 521-610 for Bars 4V1 or 5V1 and 5B1.
 - Organic Felt bond breaker (Top) & Expanded Polystyrene shown hatched (1/2" Side).
 - Locate ϕ Barrier Wall Inlet a minimum of 10'-0" away from ϕ Expansion Joints in Junctions Slab, Raised Sidewalk or Sidewalk, C-I-P Coping and Traffic Railing or Concrete Parapet.
 - Locate open joints in Barrier Wall and Coping a minimum of 5'-0" from the centerline of the Barrier Wall Inlet.
 - Work this Index with the following as appropriate:
Index 521-610
Index 521-620
Index 521-630