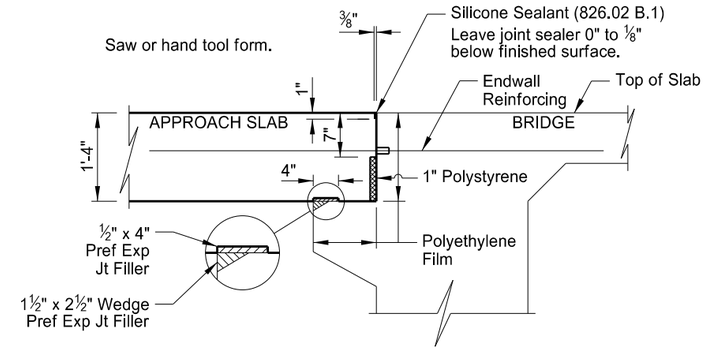
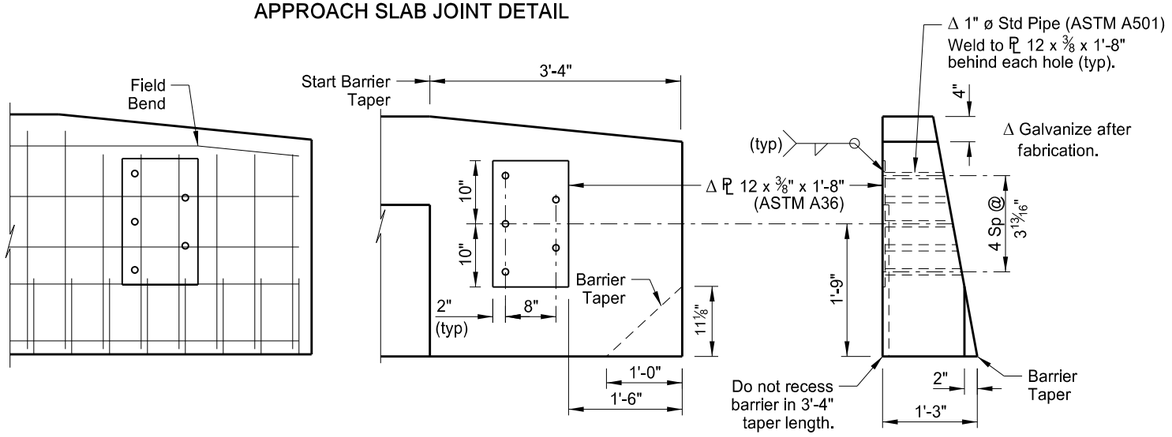
23 U.S.C. 409
NDDOT Reserves All Objections

STATE	PROJECT NUMBER	SECTION NO.	SHEET NO.
ND	BRO-8-010(036)009	170	54



APPROACH SLAB JOINT DETAIL



SHOWING REINFORCING

SHOWING DIMENSIONS

(SHOWING BACK FACE)

CONNECTION PLATE DETAILS

NOTES:

The estimated material quantities shown are for information purposes only. Include the concrete, reinforcing bars, polyethylene film, preformed joint filler, polystyrene, silicone sealant, connection plates and pipes, and labor required to build the approach slabs and barriers in the pay item "Concrete Bridge Approach Slab." Use Class AE-3 concrete and Grade 60 reinforcing steel. Provide reinforcing steel that meets the requirements of Section 612. Use polyethylene film that meets the requirements of ASTM C171.

The bar marks beginning with an "X" indicate an epoxy coated bar. The dimensions shown in the "Bent Bar Details" are out to out.

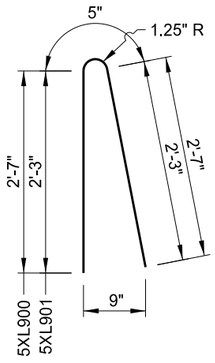
SKEW ANGLE = 0°

BAR LIST - ONE SLAB

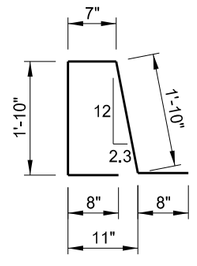
SIZE	MARK	NO.	LENGTH
7	XA900	69	19'-8"
5	XA901	35	19'-8"
5	XA902	36	34'-2"
4	XA903	18	19'-8"
4	XA904	8	34'-2"
6	XA905	8	34'-2"
5	XK900	80	5'-11"
5	XL900	68	5'-11"
5	XL901	12	5'-3"
5	XSN900	2	207'-0"

ESTIMATED MATERIAL QUANTITIES

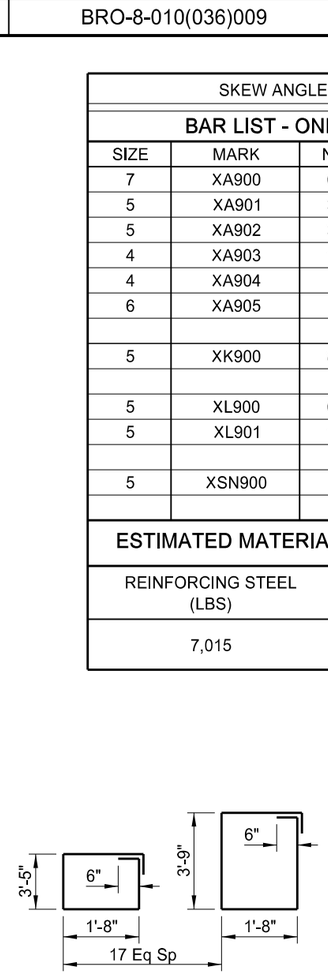
REINFORCING STEEL (LBS)	CONCRETE (CY)
7,015	45.5



XL900 & XL901

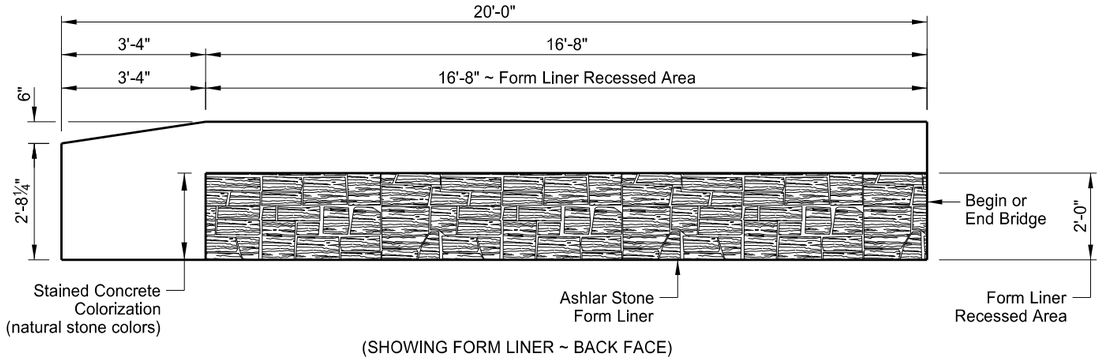


XK900



XSN900

BENT BAR DETAILS



(SHOWING FORM LINER ~ BACK FACE)

This drawing is preliminary and not for construction or implementation purposes.

PRELIMINARY

QUANTITIES	(ONE SLAB)
PILE SUPPORTED APPROACH SLAB	76.7 SY

MAPLE RIVER

APPROACH SLAB DETAILS