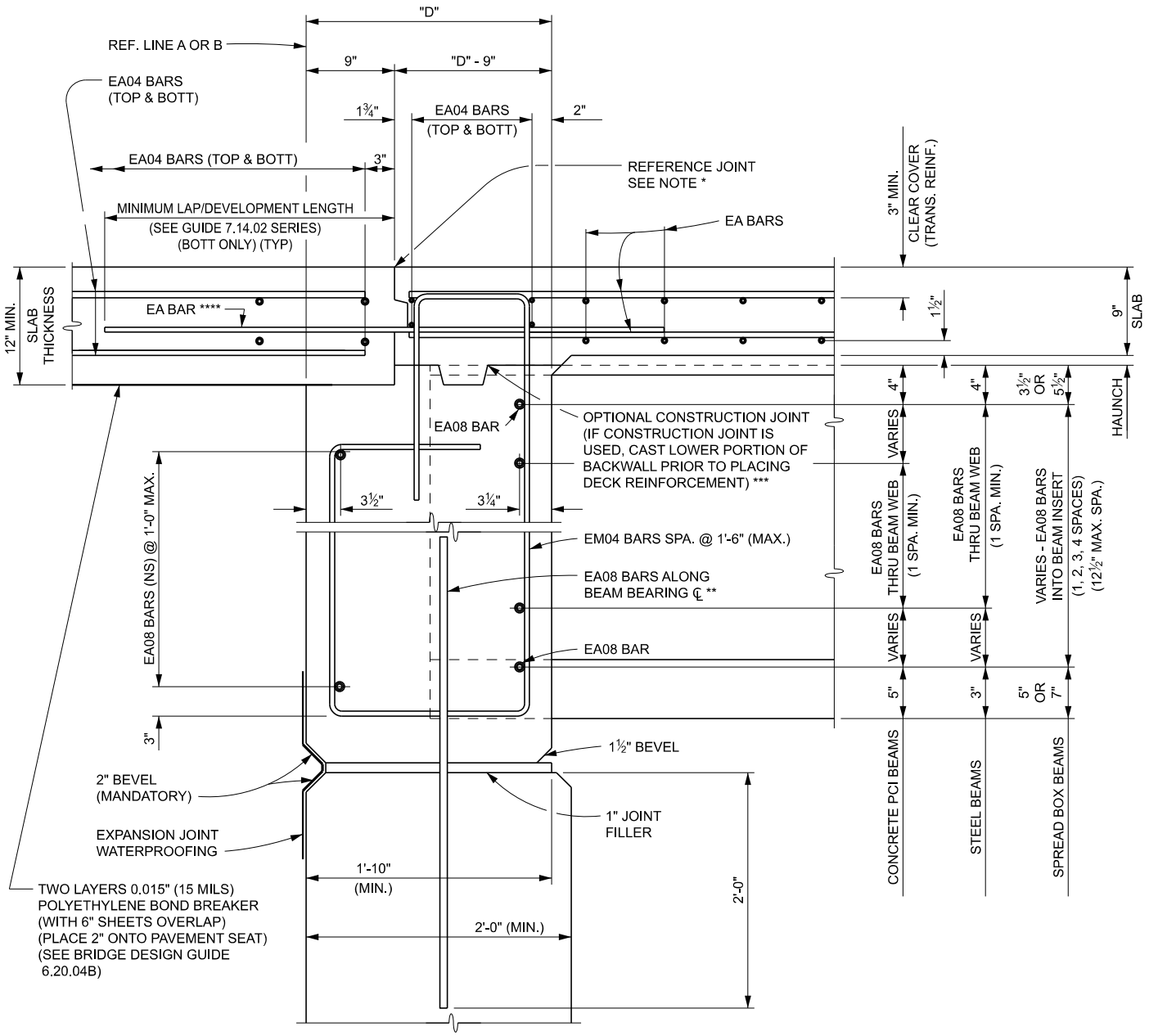
DRAWN BY: BLT	MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT	ISSUED: 08/26/24
CHECKED BY: VZ	INTEGRAL AND SEMI-INTEGRAL ABUTMENT BACKWALL	SUPERSEDES: 12/26/23
APPROVED BY: KCK		



PLAN NOTES:

*** THIS JOINT IS MANDATORY WHEN PLATE GIRDERS WITHOUT BEARING STIFFENERS ARE USED. OTHERWISE THE JOINT IS OPTIONAL. THE CONCRETE BELOW THE CONSTRUCTION JOINT IS PAID FOR AS "SUPERSTRUCTURE CONC, HIGH PERFORMANCE" AND THE CONCRETE ABOVE THE CONSTRUCTION JOINT IS PAID FOR AS "SUPERSTRUCTURE CONC, NIGHT CASTING, HIGH PERFORMANCE".

* PROVIDE A SAWED JOINT 1⅛" DEEP BY ¼" WIDE (MINIMUM) IN THE TOP OF SLAB. SAW THE JOINT WITHIN 24 HOURS OF PLACING THE CURING AND FILL TO ½" BELOW TOP OF CONCRETE WITH POLYURETHANE OR POLYURETHANE HYBRID SEALANT. (INCLUDED IN THE BID ITEM "SUPERSTRUCTURE CONC, FORM, FINISH, AND CURE, NIGHT CASTING (STRUCTURE NO.)").

NOTES:

USE INTEGRAL OR SEMI-INTERGRAL ABUTMENTS FOR STEEL BRIDGES LESS THAN 300' AND CONCRETE BRIDGES LESS THAN 400' IN LENGTH.

**** LAP/DEVELOP BOTTOM MAT OF REINFORCEMENT THROUGH REFERENCE JOINT. BAR DIAMETER TO MATCH THE BOTTOM LONGITUDINAL REINFORCEMENT IN THE BRIDGE DECK. ADD EXTRA REINFORCEMENT OVER BEAMS (EABARS).

** USE FOR INTEGRAL ABUTMENT BRIDGES ONLY.

SEMI-INTEGRAL ABUTMENTS SHOULD BE USED AT STREAM CROSSINGS.

D = BACKWALL THICKNESS. SEE GUIDE 6.20.01 FOR DEFINITION.

PREPARED BY DESIGN DIVISION	6.20.04