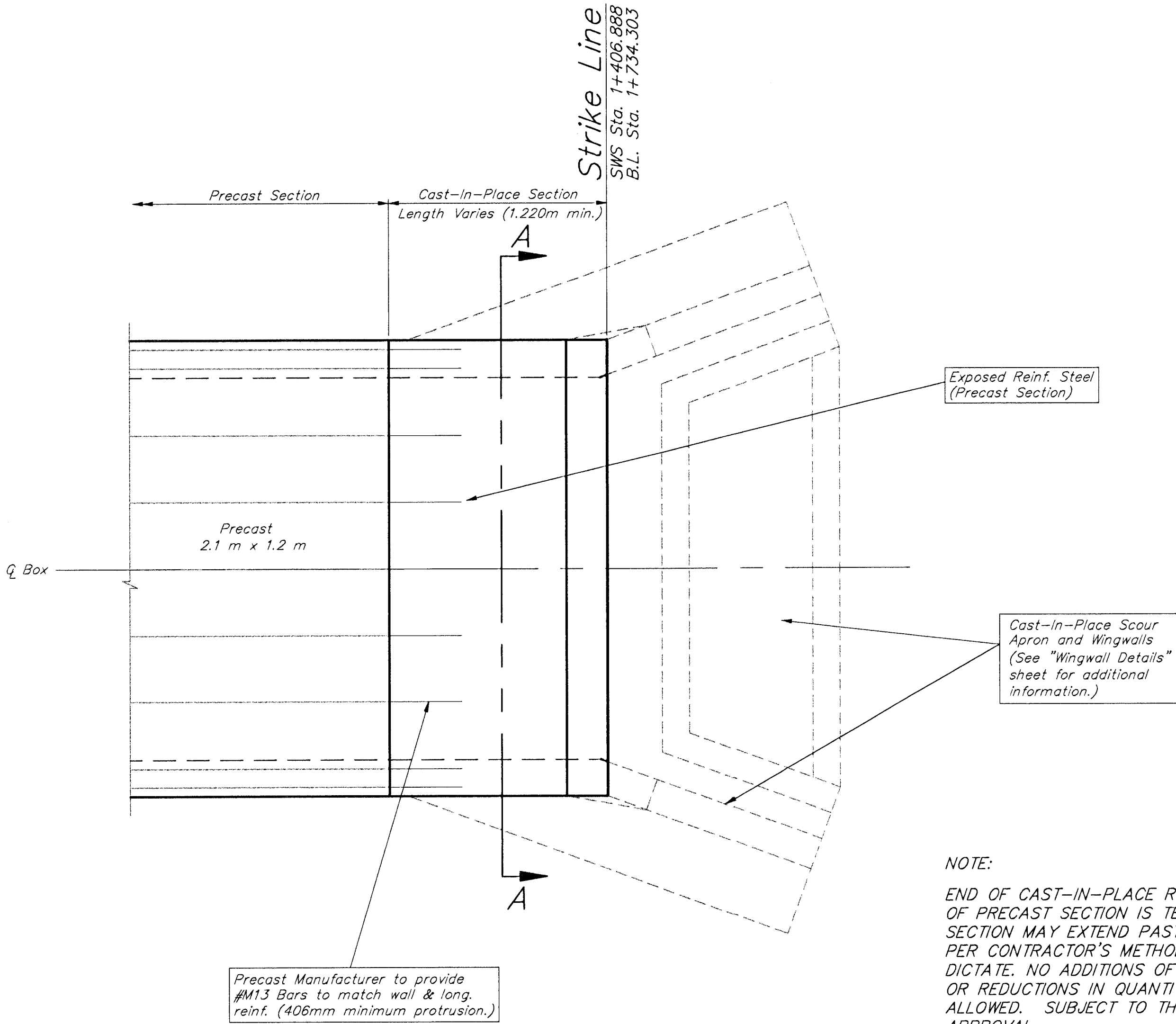


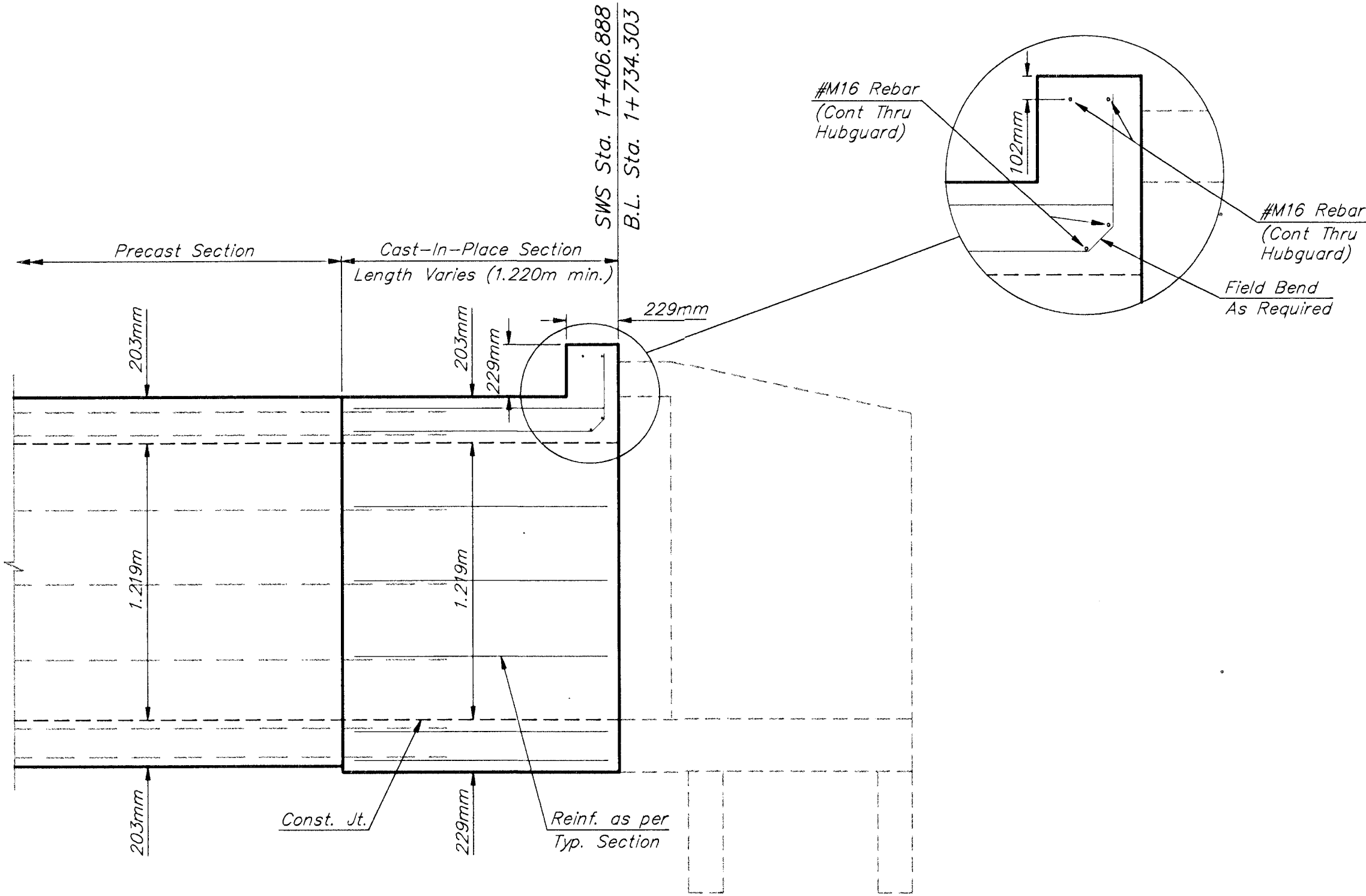
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0094-01	1998	85	202

NOTE:
DIMENSIONS SHOWN FOR PRECAST SECTIONS
ARE DERIVED FROM INDUSTRY STANDARDS.
CONTRACTOR SHALL TAKE NOTE THAT PRECAST
DIMENSIONS MAY VARY DEPENDING ON PRECAST
MANUFACTURER'S PRODUCTS.

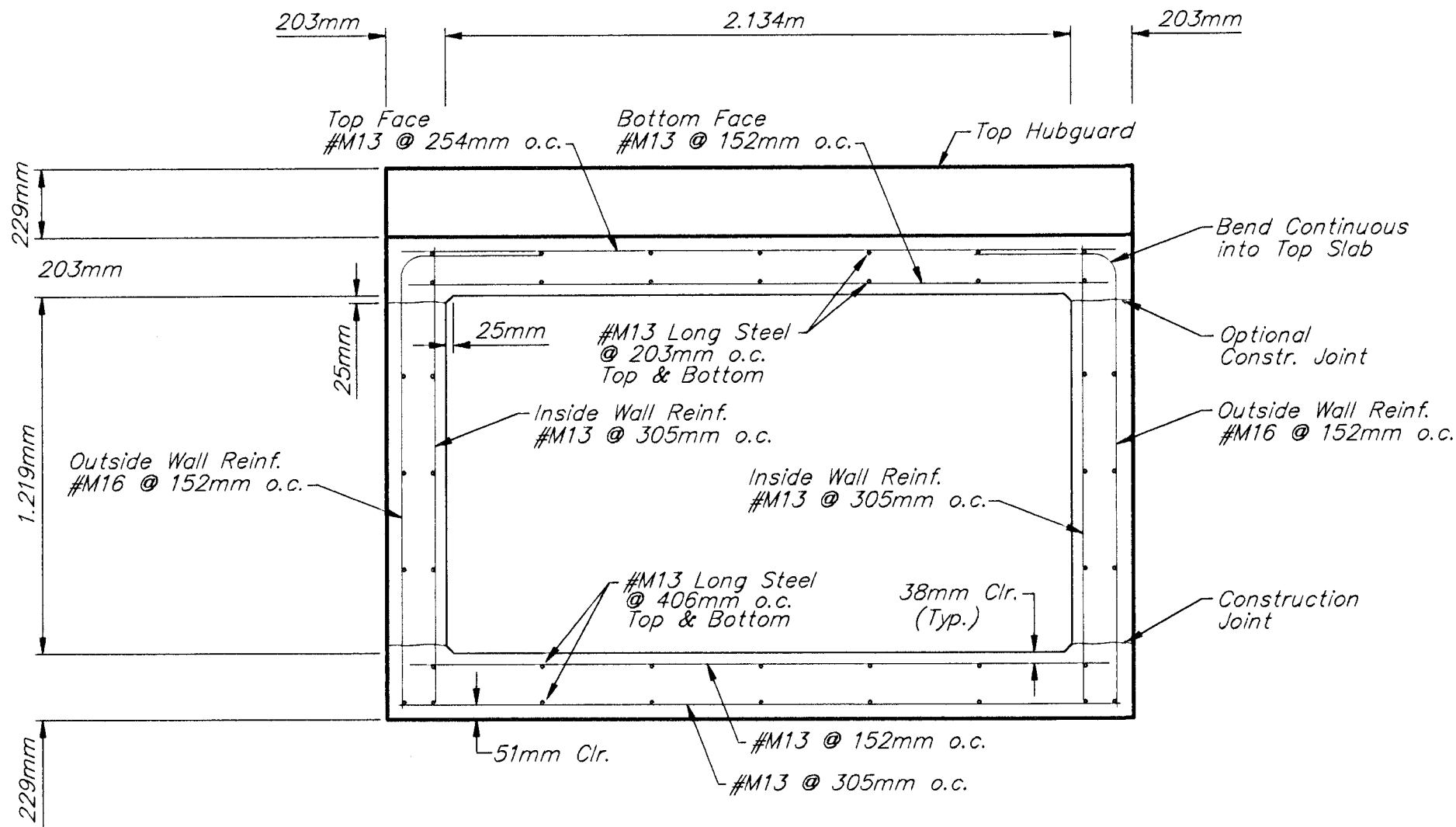


NOTE:
END OF CAST-IN-PLACE RCB & BEGINNING
OF PRECAST SECTION IS TENTATIVE. EITHER
SECTION MAY EXTEND PAST LIMITS SHOWN
PER CONTRACTOR'S METHODS & AS CLEARANCES
DICTATE. NO ADDITIONS OF PRECAST RCB
OR REDUCTIONS IN QUANTITIES WILL BE
ALLOWED. SUBJECT TO THE ENGINEER'S
APPROVAL.

NUMBER & LOCATION OF REINF. BARS ARE SHOWN
FOR REPRESENTATION ONLY. CONTRACTOR TO
DETERMINE ACTUAL NUMBER BASED ON TYPICAL
SECTION AND REQUIRED SPACING.



Note:
Reinforcing Steel Sizes are
Designated in Metric Sizes.



TYPICAL SECTION
SECTION A-A

CONCRETE: Class AAA Concrete shall be used throughout for the cast-in-place.
Class AAA concrete and Class A concrete shall comply to Section 402 of the
1990 Kansas State Department of Transportation Standard Specifications for
State Road and Bridge Construction.

SEAL COURSE: A seal course *may* be constructed below the R.C.B. as shown in the
plans. The seal course shall consist of 75mm of Class A concrete below all cast-in-place
concrete. The seal course below precast sections shall consist of either 75mm of
Class A concrete or a 150mm granular base (type BD-1 or UD-1) at the Contractor's
option. No reinforcing shall be placed until the seal course has gained sufficient strength
to permit working upon it without injury.

JOINTS: Construction joints shall only be formed at locations shown or as approved
by the Engineer.

NOT METRIC

Minimum Splice Lengths

#13	406mm
#16	508mm
#19	610mm

- GENERAL NOTES
1. THE CAST-IN-PLACE END SECTION SHALL BE *SUBSIDIARY TO THE*
BID ITEM "REINFORCED CONCRETE BOX (2.1 m x 1.2 m) (Precast)"
AND SHALL INCLUDE ALL CONCRETE, REINFORCEMENT, FORMWORK
EXCAVATION, AND ALL OTHER INCIDENTALS NECESSARY TO
CONNECT RCB SECTIONS.
 2. WINGWALLS AND THAT PORTION OF THE RCB OUTSIDE THE
STRIKE LINE SHALL BE CONSTRUCTED LEVEL. FOOTINGS FOR
WINGWALLS SHALL BE CONSTRUCTED WITH THE CULVERT FLOOR.
SEE WINGWALL DETAIL SHEETS.
 3. ALL EXISTING CONCRETE SURFACES ADJACENT TO NEW CONCRETE
SHALL BE THOROUGHLY CLEANED BY BRUSHING, AND SOAKED WITH
WATER IMMEDIATELY PRIOR TO PLACING NEW CONCRETE.
 4. ALL EXPOSED CONCRETE EDGES SHALL BE BEVELED 19mm.
 5. ALL REINFORCING STEEL TO HAVE MINIMUM 38mm CONC. COVER.

PROJECT NUMBER 472 - 82908					SHEET NUMBER 85 OF 202	
DESIGN STAFF	DRAWN STAFF	APPROVED JFB	DATE NOV 98	SCALE NONE	SHEET NAME rcbdtl.dwg	

STORM SEWER IMPROVEMENTS RCB DETAILS		CENTRAL AVENUE - PHASE 1 - WEST ST TO MCLEAN	
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