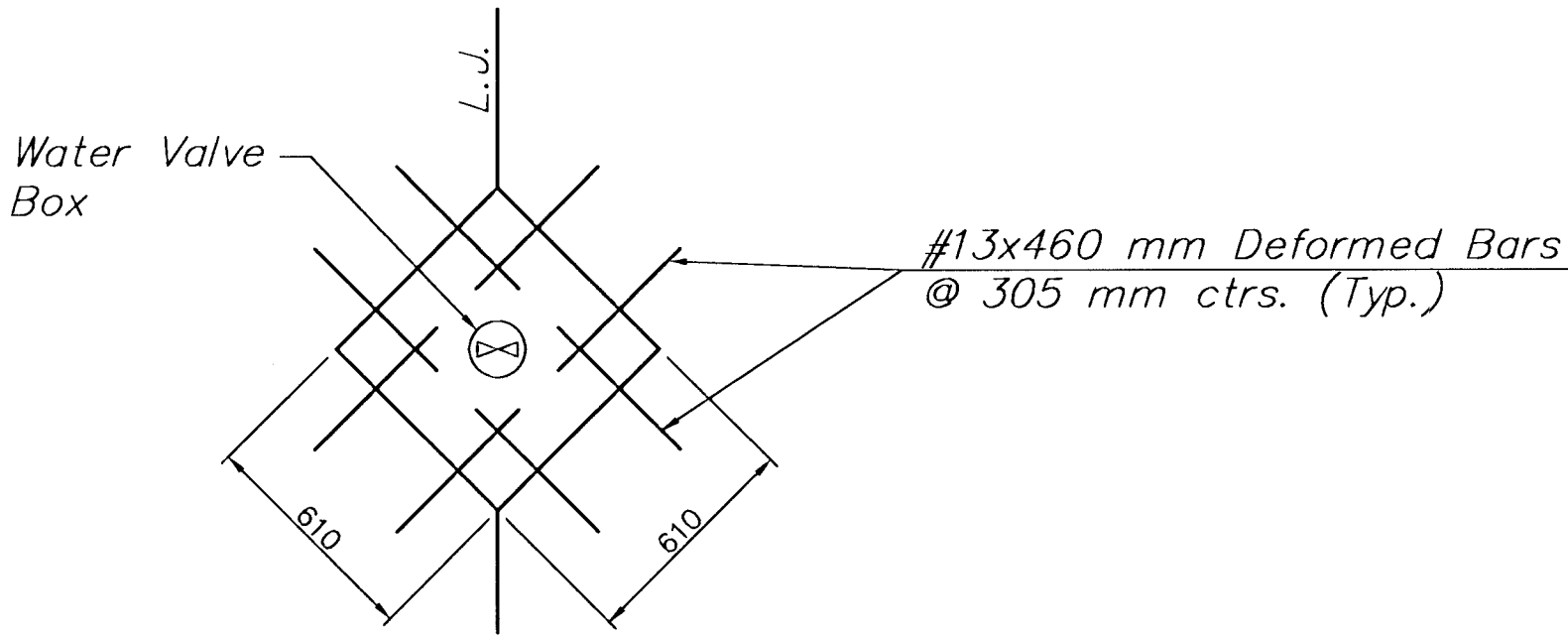


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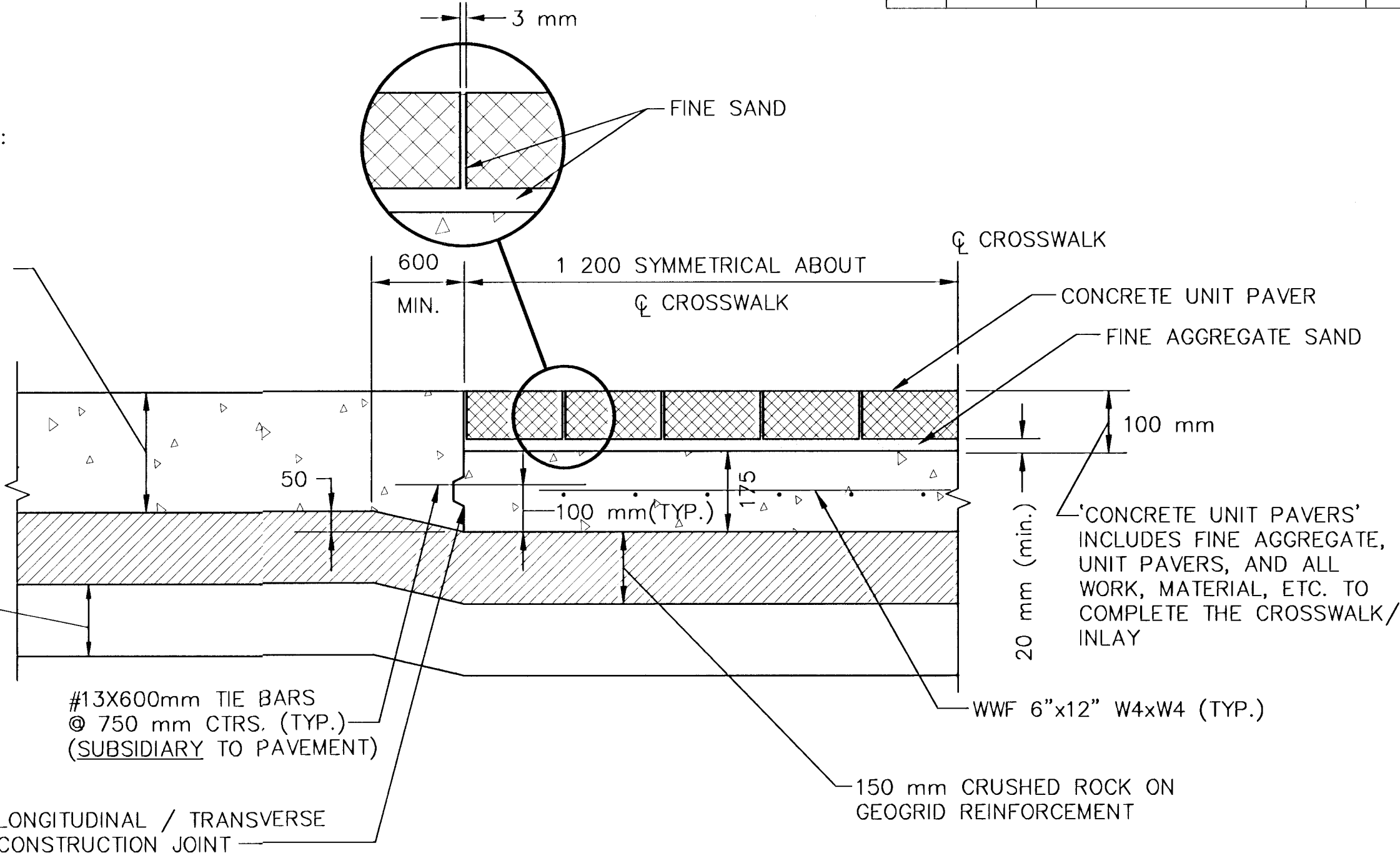
DIAMOND JOINT

Contractor shall cut joints around the Water Valve Box as shown, if the Box lies in the path of the Longitudinal Joint.

1. See separate sheet for Joint Details.
2. Curb Elevations shown are High Edge (0.000) and Top of Curb (00.000).
3. Elevations shown in Paving Brick inlay are for top of pavement: Deduct thickness of Paving Brick and Bedding for elevation at top of concrete.

225 mm CONCRETE PAVEMENT (AE)(REINFORCED)

225 mm COMPACTED SUBGRADE



NOTES:

1. CONCRETE UNIT PAVERS SHALL MEET OR EXCEED ASTM C 936. THE STYLE SHALL BE "HOLLAND STONE" (100x200x80) AS MANUFACTURED BY PAVESTONE, INC., OR EQUAL AS APPROVED BY THE ENGINEER. (ALTERNATIVE: CLAY PAVING BRICKS SHALL BE DRY PRESSED BEVEL EDGED STREET PAVERS, DESIGNED FOR HEAVY VEHICLES PER ASTM C 1272, TYPE F APPLICATION PX. SIZE SHALL BE 100x200x76, COMPRESSIVE STRENGTH 5625 Mg/m² MINIMUM, AND ABSORPTION 5% MAXIMUM). COLOR SHALL BE RED AND LAYING PATTERN SHALL BE HERRINGBONE. PAYMENT SHALL BE AT THE CONTRACT BID PRICE PER SQUARE YARD FOR CONCRETE UNIT PAVERS.
2. ADDITIONAL CONCRETE THICKNESS IN TRANSITION TO CROSSWALK AND 175 mm CONCRETE PAVEMENT SHALL BE SUBSIDIARY TO THE BID PRICE FOR 225 mm CONCRETE PAVEMENT (AE)(REINFORCED).
3. SAND BEDDING SHALL MEET THE SPECIFICATION REQUIREMENTS FOR FINE AGGREGATE. AN UNCOMPACTED SAND LAYING COURSE SHALL BE SPREAD EVENLY OVER THE AREA TO BE PAVED AND THEN SCREEDED TO A LEVEL OF APPROXIMATELY 20 mm THICKNESS. ONCE SCREEDED AND LEVELED TO THE DESIRED ELEVATION, THE SAND LAYING COURSE SHALL NOT BE DISTURBED IN ANY WAY.
4. PAVERS SHALL BE PLACED WITH THE CHAMFERED SIDE UP, AND JOINT SPACES KEPT UNIFORM APPROXIMATELY 3 mm INCH THICK. THE GAPS AT THE EDGE OF THE PAVED SURFACE SHALL BE FILLED WITH PAVERS CUT TO FIT. CUTTING SHALL BE ACCOMPLISHED TO LEAVE A CLEAN EDGE TOWARD THE TRAFFIC SURFACE, USING A MASONRY SAW. WHENEVER POSSIBLE, NO CUTS SHOULD RESULT WITH A PAVES LESS THAN ONE-THIRD OF ITS ORIGINAL DIMENSION.
5. UNIT PAVERS SHALL BE VIBRATED TO THEIR FINAL LEVEL IN THE SAND LAYING COURSE BY TWO OR THREE PASSES OF VIBRATING COMPACTOR CAPABLE OF 1360 TO 2270 kg COMPACTION FORCE WITH THE SURFACE CLEAN AND JOINTS OPEN.
6. AFTER VIBRATION, CLEAN CONCRETE SAND SHALL BE SPREAD OVER THE PAVES SURFACE, ALLOWED TO DRY, AND VIBRATED INTO THE JOINTS WITH ADDITIONAL PASSES OF THE PLATE VIBRATOR SO AS TO COMPLETELY FILL THE JOINTS. A LIGHT COATING OF SAND SHALL BE SWEEPED OVER THE COMPLETED SURFACE AND LEFT TO WEATHER IN.

CROSSWALK DETAILS

LEGEND

- TRAFFIC SIGNAL POLE
- SERVICE BOX
- LJ LONGITUDINAL JOINT
- CJ CONTRACTION JOINT

2				
1				
NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION				
CENTRAL & ROCK INTERSECTION				
CENTRAL & ROCK INTERSECTION PLAN				
PROJ. NO. 87 N-0196-01			SEDGWICK CO.	
MKEC ENGINEERING CONSULTANTS, INC.				
WICHITA, KANSAS				
DESIGNED BY: DCH		CHECKED BY: DCH		
DRAWN BY: DAG		DATE: FEB. 2001		SHEET 12 OF 55

CONTRACTOR TO INSTALL 1200 mm TIE BARS AT 600 mm CENTER ALONG THIS EAST - WEST JOINT, TO ASSIST IN BRIDGING THE SHALLOW GAS LINE. CONTRACTOR SHALL PLACE AN ADDITIONAL 25 mm OF CONCRETE PAVEMENT 1.200 METERS WIDE 600 mm ON EACH SIDE OF SHALLOW GAS LINE.

SCALE: 1: 200