

STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
KANSAS	87 N-0287-01	2003	6	107

GENERAL NOTES

ASPHALT CEMENT FOR BITUMINOUS MATERIAL SHALL BE POLYMER MODIFIED PER STANDARD SPECIFICATIONS.

BITUMINOUS SURFACE COURSE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.23 LITERS PER METER BETWEEN EACH LIFT OF BITUMINOUS MATERIAL.

CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 300mm FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

CRUSHED ROCK SUBGRADE IS TO BE COMPACTED AND SMOOTHED WITH A STEEL FACED ROLLER PRIOR TO PLACEMENT OF PAVEMENT. TACK COAT WILL NOT BE APPLIED TO ROCK BASE.

CONCRETE UNIT PAVERS:

GEOTEXTILE MATERIAL SHALL MEET THE REQUIREMENTS OF AASHTO M 288, CLASS 2 (CONTECH C-60NW OR APPROVED EQUAL). SELECT FILL MATERIAL SHALL CONSIST OF 80% CONCRETE SAND AND 20% SELECT SOIL, THOROUGHLY MIXED. THIS MATERIAL IS TO BE MECHANICALLY COMPACTED TO THE SATISFACTION OF THE ENGINEER.

PAVING BRICKS SHALL BE: WHITACRE-GREER VACUUM DRY-PRESS SOLID (UNCORED), HARD-BURNED, FROST-FREE, COMPLYING WITH PEDESTRIAN ASTM C902, CLASS SX, TYPE 1, 55.16 MP AVERAGE COMPRESSIVE STRENGTH, AND 8% MAXIMUM ABSORPTION. SIZE SHALL BE 100 mm X 200 mm X 60 mm. COLOR SHALL BE ANTIQUE #32. PAVERS SHALL BE BEVEL-EDGED. INSTALL IN RUNNING BOND PATTERN PERPENDICULAR TO ROAD CENTER LINE FROM CURB BACK EDGE TO CURB BACK EDGE AS INDICATED IN NARROW MEDIANS ON PLAN. INSTALL IN PATTERN DETAILED ON "PAVING BRICK MEDIAN EDGE DETAIL" THIS SHEET ALONG ALL OTHER MEDIAN CURB BACK EDGES INDICATED ON PLANS. AT TIGHT RADIIUSES ON MEDIAN ENDS, CUT BRICKS INTO EVEN WEDGE SHAPES AS NECESSARY TO CREATE A NEAT CURVE. BUTT SAWED LONG EDGES TOGETHER SO AS TO CREATE THE LOOK OF ONE WEDGED SHAPED BRICK. DO NOT BUTT SAWED EDGE AGAINST AN UN-SAWED BEVELED EDGE. PAYMENT SHALL BE AT THE CONTRACT BID PRICE PER SQUARE METER FOR CLAY BRICK PAVERS.

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.

GEOTEXTILE MATERIAL SHALL MEET THE REQUIREMENTS OF AASHTO M 288, CLASS 2 (CONTECH C-60NW OR APPROVED EQUAL).

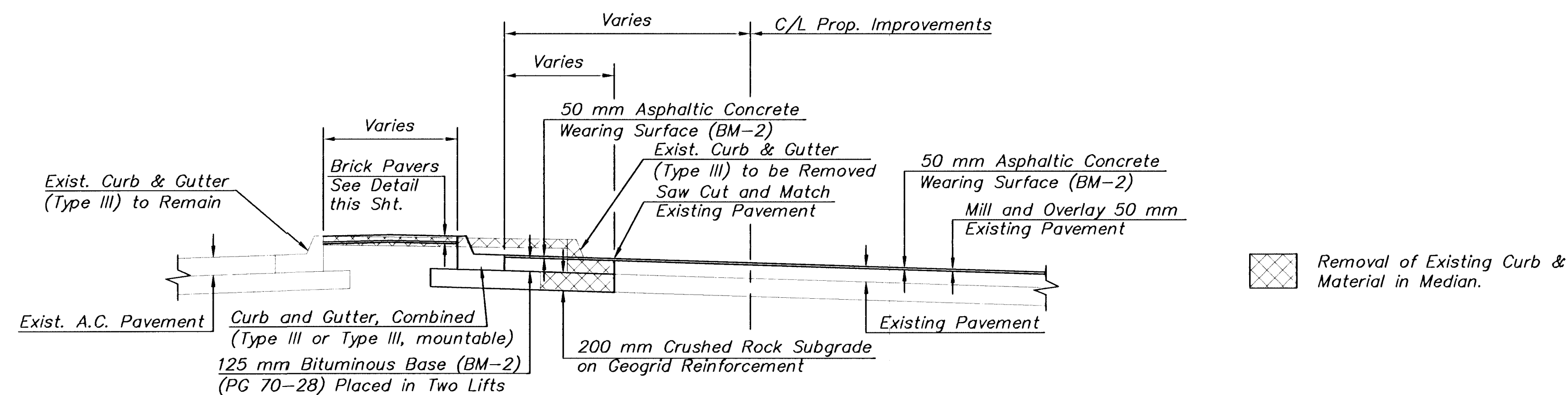
SELECT MATERIAL SHALL CONSIST OF 80% CONCRETE SAND AND 20% SELECT SOIL, THOROUGHLY MIXED. THIS MATERIAL IS TO BE MECHANICALLY COMPACTED TO THE SATISFACTION OF THE ENGINEER.

PAVERS SHALL BE PLACED WITH THE CHAMFERED SIDE UP, AND JOINT SPACES KEPT UNIFORM APPROXIMATELY 3 mm 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 PAVER LESS THAN ONE-THIRD OF ITS ORIGINAL DIMENSION.

UNIT PAVERS SHALL BE VIBRATED TO THEIR FINAL LEVEL IN THE SAND LAYING COURSE BY TWO OR THREE PASSES OF VIBRATING COMPACTOR CAPABLE OF 3,000 TO 5,000 POUNDS COMPACTION FORCE WITH THE SURFACE CLEAN AND JOINTS OPEN.

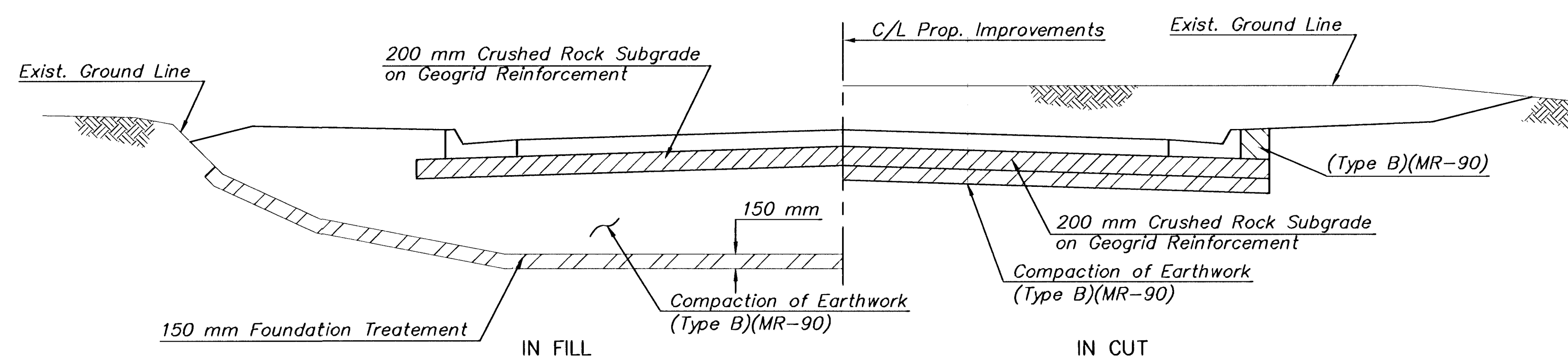
AFTER VIBRATION, CLEAN CONCRETE SAND SHALL BE SPREAD OVER THE PAVER SURFACE, ALLOWED TO DRY, AND VIBRATED INTO THE JOINTS WITH ADDITIONAL PASSES OF THE PLATE VIBRATOR SO AS TO COMPLETELY FILL THE JOINTS. A LIGHT COATING OF SAND SHALL BE SWEEP OVER THE COMPLETED SURFACE AND LEFT TO WEATHER IN.

NONWOVEN GEOTEXTILE MATERIAL SHALL MEET THE REQUIREMENTS OF AASHTO M 288, CLASS 2 (CONTECH C-60NW OR APPROVED EQUAL).

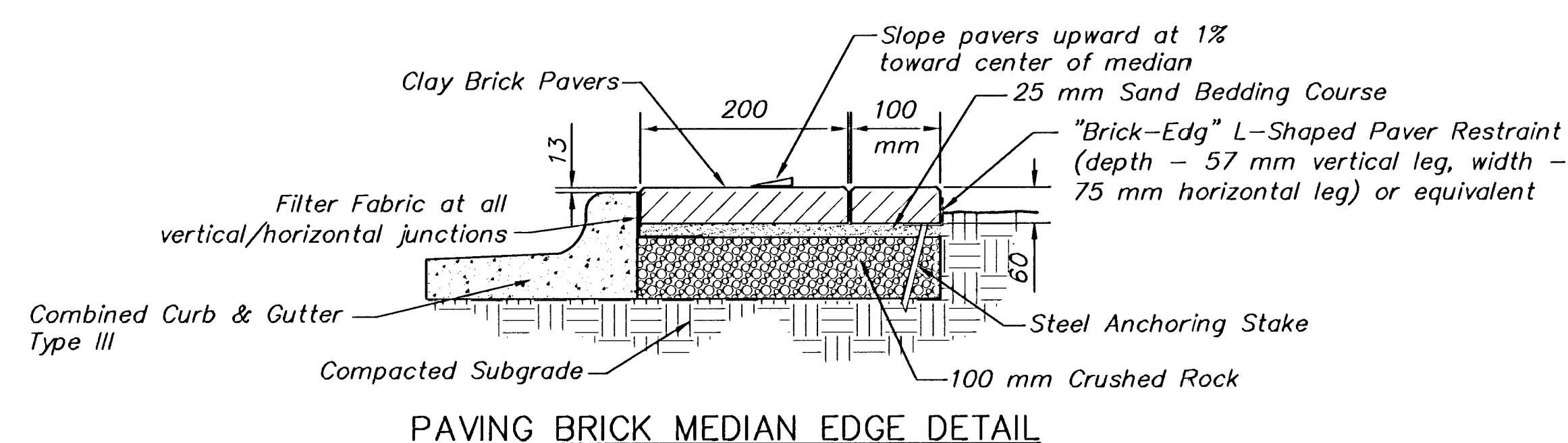


MEDIAN REMOVAL

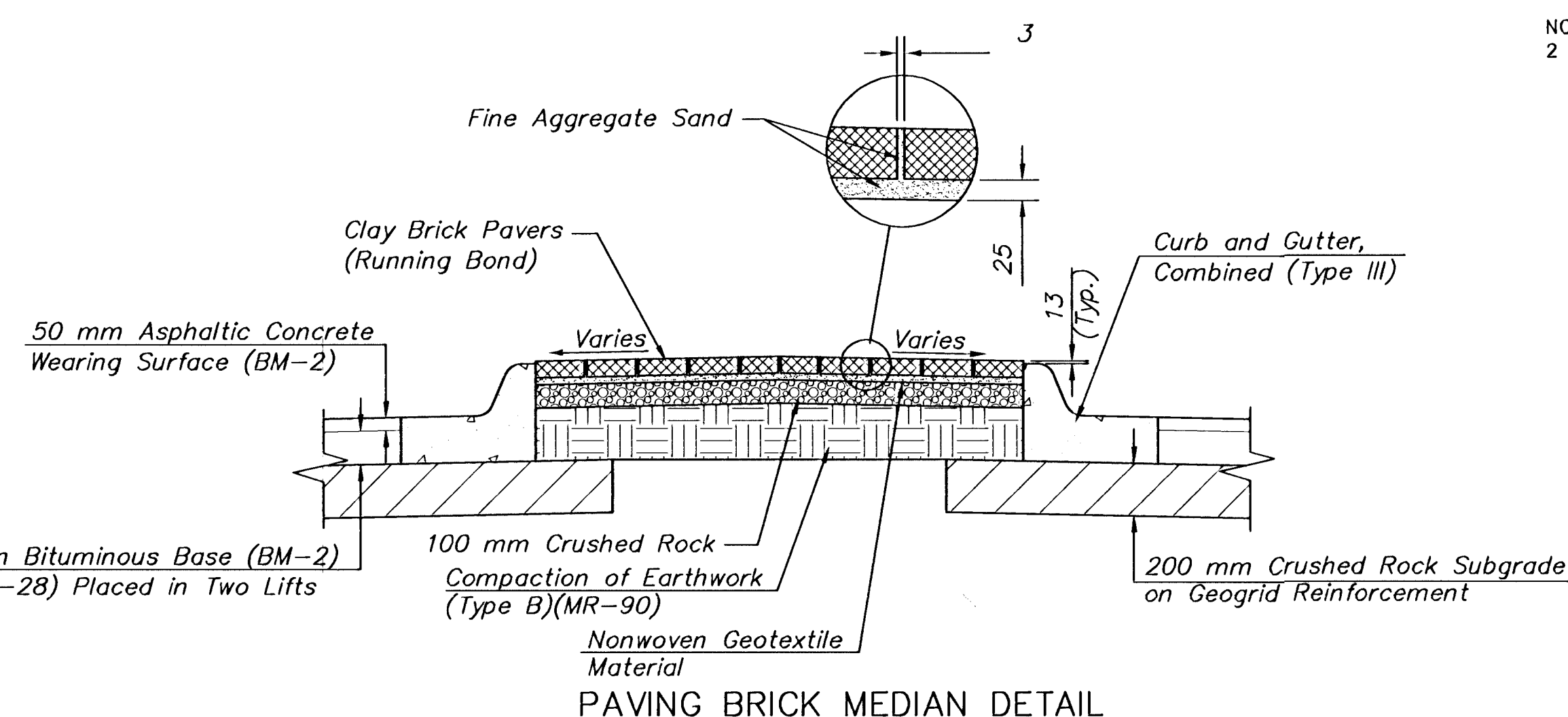
29th. St. - Sta. 0+885.115, 0.589 m Lt. to Sta. 0+885.897, 0.127 m Rt.
 Sta. 0+885.897, 0.127 m Rt. to Sta. 0+927.270, 1.700 m Lt.
 Sta. 0+927.270 1.700 m Lt. to Sta. 0+981.996, 1.700 m Lt.
 Sta. 0+981.996, 1.700 m Lt. to Sta. 0+983.318, 2.482 m Lt.



FOUNDATION TREATMENT AND COMPACTION OF EARTHWORK



PAVING BRICK MEDIAN EDGE DETAIL



PAVING BRICK MEDIAN DETAIL

DATE	BY	REFERENCES NOTED	REFERENCES CHECKED

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

29TH. STREET NORTH
TYPICAL SECTIONS

PROJ. NO. 87 N-0287-01 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: ASH CHECKED BY: GJA
 DRAWN BY: WNJ DATE: Jan. 2003 SHEET 6 OF 107