Figure C - 9. Full Depth Rigid Pavement Slab Repair Detail - Section
Figure C - 10. Saw Cut Contraction Joint Detail
Figure C-11: Saw Cut Detail Rigid Pavement/Rigid Pavement Interface Large Slab(s) Repairs

NOTE:
SAW CUT WIDTH AND DEPTH TO BE DETERMINED BY SEALANT TYPE AND MANUFACTURER’S RECOMMENDED RESERVOIR DIMENSIONS

SAW CUT DETAIL
RIGID PAVEMENT/RIGID PAVEMENT INTERFACE LARGE SLAB(S) REPAIRS
NOT TO SCALE
FIGURE C-11
Figure C - 12. Temporary Repairs of Rigid Pavements Using Flexible Pavement Detail
Figure C - 13. Saw and Seal Joint Detail Rigid/Flexible Pavement Interface
Figure C - 14. Crack Repair Detail – Cracks Less Than 1” Wide and Greater Than 1/8” Wide Using Router
Figure C-15. Crack Repair With HMA Pavement Overlay 2" or Greater Detail

NOTE:

For overlays less then 2" in thickness remove existing crack sealant materials, fill cracks with non-heat sensitive material (example manufactured sand) and apply P-603 tack coat to surface and allow to set for 24 hours prior to overlay.

CRACK REPAIR WITH HMA PAVEMENT Overlay 2" OR GREATER DETAIL

NOT TO SCALE

FIGURE C-15
Figure C - 16. Type 1 Crack Repair Detail – Hot Applied Sealant With Fibers
Figure C - 17. Type 2A Crack Repair Detail – Cracks Greater Than 1” Wide in Pavements 5” or Greater in Thickness
Figure C-18. Type 2B Crack Repair Detail - Cracks Greater Than 1” Wide in Pavements Less Than 5” in Thickness

NOTES:

1. THIS REPAIR MAY BE USED WITHOUT AN OVERLAY AS SHOWN.

2. WHEN AN OVERLAY IS SCHEDULED DETAIL 'A' MAY BE ELIMINATED.

TYPE 2B CRACK REPAIR DETAIL - CRACKS GREATER THAN 1” WIDE IN PAVEMENTS LESS THAN 5” IN THICKNESS

NOT TO SCALE

FIGURE C-18
Figure C - 19. Saw and Seal HMA Pavements Detail ‘A’
APPENDIX D. BIBLIOGRAPHY


27. AC 150/5320-6, *Airport Pavement Design and Evaluation*.


30. AC 150/5380-7, *Airport Pavement Management System*. 