HMA Pavement Thickness and Compaction Test Report (D 3549, T 166, T 230, T 269)

Date/Time:	Lab/Location:	
Weather:	Date Rec'd #:	Random Sample: Yes No
Project:	Lab Login #:	Lot #:
Contract #:	Material ID:	Sublot #:
Contractor:	Material #:	Sample Location:
Pay Item #:	Sample #:	Station:
Source:	Sample Type: QC A-V IA DR Other	Offset:
Plant Type:	Sampled By/Cert. #:	

Core Identification Information				
Sample #:				
Lot #:				
Sublot #:				
Station:				
Offset:				

Thickness Determination (D 3549)				
Measured Core Thickness, in.:				
Target Thickness, in.:				

Bulk Specific Gravity of Compacted HMA (T 166)					
Test Specimen Thickness, in.:					
Mass of Dry Specimen in Air (A):					
Mass of Specimen at SSD (B):					
Mass of Specimen in Water (C):	(@ 77 +/- 1.8 ºF)				
Specimen Volume (V):	(B-C)				
Core Bulk Specific Gravity (G_{mbc}):	(A / (B - C))				
Unit Weight, lb/ft^3:	(G_{mbc} * 1000)				

Percent Compaction and Percent Air Voids in HMA (T 230, T 269)					
Theoretical Maximum Specific Gravity (G_{mm}):	(From T 209)				
% Compaction of G_{mm}:	G_{mbc} / G_{mm}) * 10				
Percent Voids in Place (P_a):	(100 * ((G_{mm} - G_{mbc}) / G_{mm}))				

Comments:

Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:

Results Within Specification Limits: ☐ Results Outside Specification Limits: ☐