

# NorthEast Transportation Training & Certification Program

## HMA Moisture Sensitivity Test Report (T 283)

Date/Time:	Lab/Location:
Weather:	Date Rec'd #: <span style="float: right;">Random Sample: Yes No</span>
Project:	Lab Login #: <span style="float: right;">Lot #:</span>
Contract #:	Material ID: <span style="float: right;">Sublot #:</span>
Contractor:	Material #: <span style="float: right;">Sample Location:</span>
Pay Item #:	Sample #: <span style="float: right;">Station:</span>
Source:	Sample Type: OC A-V IA DR Other <span style="float: right;">Offset:</span>
Plant Type:	Sampled By/Cert. #:

Resistance of Compacted HMA to Moisture Induced Damage (T 283)									
# of Marshall Blows:					Percent PG Binder of Sample (Pb):				
Average					Average				
Specimen #:				<del>X</del>	Specimen #:				<del>X</del>
Height:					Height:				
Mass in Air:					Mass in Air:				
Mass in H <sub>2</sub> O:					Mass in H <sub>2</sub> O:				
Mass at SSD:					Mass at SSD:				
Volume:					Volume:				
Bulk S.G. (G <sub>mb</sub> ):					Bulk S.G. (G <sub>mb</sub> ):				
G <sub>mm</sub> (From T 209):				<del>X</del>	G <sub>mm</sub> (From T 209):				<del>X</del>
% Air Voids (P <sub>v</sub> ):					% Air Voids (P <sub>v</sub> ):				
Voids Volume:					Voids Volume:				
Load:									
Strength:									

Saturation of Specimens									
									Average
				<del>X</del>					
Height of Vacuum, in.:					Specimen #:				<del>X</del>
					H <sub>2</sub> O Mass:				
					Saturated SSD Mass:				
					Volume:				
					Volume Absorbed H <sub>2</sub> O:				
					% Saturation:				
					% Swell:				

24 Hour Freeze Cycle and then Condition 24 Hours in 60° C Water									
									Average
Specimen #:									<del>X</del>
Height:									
H <sub>2</sub> O Mass:									
Mass at SSD:									
Volume:									
Vol. Absorbed H <sub>2</sub> O:									
Load:									
Wet Strength:									
% Saturation:									
% Swell:									
H <sub>2</sub> O Damage (0 to 5):									
Agg Damage:				<del>X</del>	<del>X</del>				
<div style="border: 1px solid black; display: inline-block; padding: 2px;">TSR =</div>									

Comments:

Tested by:	Reviewed by:
Certification #:	Certification #:
Date:	Date:
Results Within Specification Limits: <input type="checkbox"/>	Results Outside Specification Limits: <input type="checkbox"/>