

() EMBANKMENT
() SUBGRADE
() FILL
() CUT
() I.A.S.T.

MARYLAND STATE HIGHWAY ADMINISTRATION
COMPACTION REPORT (EMBANKMENT & SUBGRADE)

Contract No. : _____

F.A.P. No. : _____

Type of Material _____

Operator: _____

DATA	Date					
	Field Test Number					
	Station					
	Location of Test	Refer to C/L (right or left)				
		Proposed Total Depth				
	Depth of Course at Point of Test					
	% Compaction Required					
	% Compaction Obtained $(L12 \div L17) \times 100$					

IN-PLACE DENSITY DETERMINATION	1. Weight of Wet Material from Test Hole + Weight of Container (lbs.)					
	2. Weight of Container (lbs.)					
	3. Weight of Wet Material from Test Hole (L1 - L2) (lbs.)					
	4. Density of Loose Dry Sand (p.c.f.)					
	5. Weight of Loose Dry Sand + Weight of Container (lbs.)					
	6. Final Weight of Loose Dry Sand Remaining in Container + Container (lbs.)					
	7. Weight of Loose Dry Sand in Test Hole (L5 - L6) (lbs.)					
	8. Weight of Dry Sand in Cone (lbs.)					
	9. Weight of Dry Sand in Hole (L7 - L8) (lbs.)					
	10. Volume of Test Hole $(L9 \div L4)$ (cu. ft.)					
	11. In-place Wet Density $(L3 \div L10)$ (p.c.f.)					
	12. In-Place Dry Density $(L11) \div (100 + L21) \times 100$					

Max. DENSITY	13. Weight of Mold + Weight of Wet Soil after Tamping (lbs.)					
	14. Weight of Mold (lbs.)					
	15. Weight of Wet Soil in Mold (L13 - L14) (lbs.)					
	16. Wet Density of Soil in Mold $(L15 \times 30)$ (p.c.f.)					
	17. Maximum Density from Base Density Chart (p.c.f.)					
	17A. Optimum Moisture from Base Density Chart, %					

MOISTURE	18. Weight of Wet Soil (grams)					
	19. Weight Dry Soil (grams)					
	20. Weight of Moisture (L18 - L19) (grams)					
	21. % Moisture $(L20 \div L19) \times 100$					

Original - to Regional Laboratory when full
Copy - for Project Records