

ROADWAY CORE REPORT

Texas Department of Transportation
Dallas District Laboratory

Control :	1068-04-116	Item :	N/A
Highway :	IH 30 (Pegasus Project)	Material :	HMAC / Concrete
County :	Dallas	Producer :	N/A
Engineer :	Mo Bur P.E.	Date Sampled :	3/31/09 & 4/1/09
Sampler :	Larry Sneath	Date Received :	
Sampler:		Date Reported :	4/6/2009
Lab: No:	N/A		
Remark :			

PAVEMENT THICKNESS

CORE NO.	LOCATION	HMAC THICKNESS	Concrete THICKNESS	HMAC 'BASE THICKNESS
BH-1	SB IH 35 E - 250' south of gore in middle of shoulder	19.0"		
BH-2	SB IH 35 E - 250' south of gore in middle of travel lane	4.0"	9.5"	
BH-3	SB IH 35 E - 250' south of gore in middle of travel lane Subgrade - Gray Clay w/ Gravel	3.5"	9.5"	6.0"
BH-4	SB IH 35 E - 250' south of gore in middle of shoulder Subgrade - Gray Clay w/ Gravel	18.0"		
BH-5	SB IH 35 E - 80' North DC-6 middle of shoulder Subgrade - Reddish Brown Sandy Clay w/ gravel	4.0"		
BH-6	SB IH 35 E - 80' North DC-6 middle of travel lane Subgrade - Reddish Brown Sandy Clay w/ gravel	3.0"	9.5"	
BH-7	SB IH 35 E - 80' North DC-6 middle of travel lane Subgrade - Gray Clay w/ Gravel	4.0"	10.0"	8.0"
BH-8	SB IH 35 E - 80' North DC-6 middle of shoulder Subgrade - Gray Clay w/ Gravel	18.0"		
BH-9	SB IH 35 E - 130' north of gore in middle of shoulder Subgrade - Reddish Brown Sandy Clay w/ gravel	4.0"		
BH-10	SB IH 35 E - 130' north of gore in middle of travel lane	3.25"	9.75"	
BH-11	SB IH 35 E - 130' north of gore in middle of travel lane Subgrade - Gray Clay w/ Gravel	3.0"	15.0"	
BH-12	SB IH 35 E - 130' north of gore in middle of shoulder before shoulder terminates Subgrade - Gray Clay w/ Gravel	21.0"		

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Control : 0	Item : 0
Highway : 0	Material : 0
County : 0	Producer : 0
Engineer : 0	Date Sampled : 0
Sampler : 0	Date Received : 0
Lab. No. : 0	Date Reported : 0
Remark : 0	

ASPHALT CONTENT AND GRADATION

% ASPHALT : 15.00%
DESCRIPTION: Analysis of cores.

SIEVE ANALYSIS

size	Avg.% pass.
22.4mm(7/8")	95.8
16.0mm(5/8")	90.1
9.5mm(3/8")	73.8
4.75mm(#4)	51.5
2.00mm(#10)	36.5
425µm(#40)	24.8
180µm(#80)	8.7
75 µm(#200)	3.3