

**FACULTY OF CIVIL ENGINEERING TECHNOLOGY
HIGHWAY & TRAFFIC ENGINEERING LABORATORY**

MARSHALL TEST RESULTS

CLIENT :		SAMPLE DATE ISSUED :	
PROJECT :		TESTING DATE :	
		TYPE OF MIX :	

Spec. No	% Bit	Spec. Height (mm)	Weight in (g)			Bulk Vol. (cc)	Specific Gravity		Volume-% Total			Voids (%)			Stability Corr. Ratio	Stability (N)		Flow (mm)	Stiffness (N/mm)
			Air	Water	SSD		Bulk	Max Theoretical	Bit.	Agg.	Voids	Agg.	Filled (Bit)	Total Mix		Div	Corr		
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t
	% Bit by Weight of Mix					f - e	d / g	$\frac{100}{b + \frac{100-b}{Gac} Gse}$	$\frac{b \times h}{Gac}$	$\frac{(100-b) \times h}{Gse}$	100-j-k	100-k	$\frac{100 \times j}{m}$	$\frac{100-100(h)}{i}$			ppFpr		r / s
1																			
2																			
3																			
4																			
5																			
6																			

SSD - Saturated Surface Dried

REMARK : _____	COMPACTION TEMP :	AVE AGG S.G (Gse) :	2.603
_____	TESTING TEMP :	BITUMEN S.G (Gac) :	1.03
	BIT PENETRATION GRADE :	PROVING RING FACTOR (Fpr) :	1.00