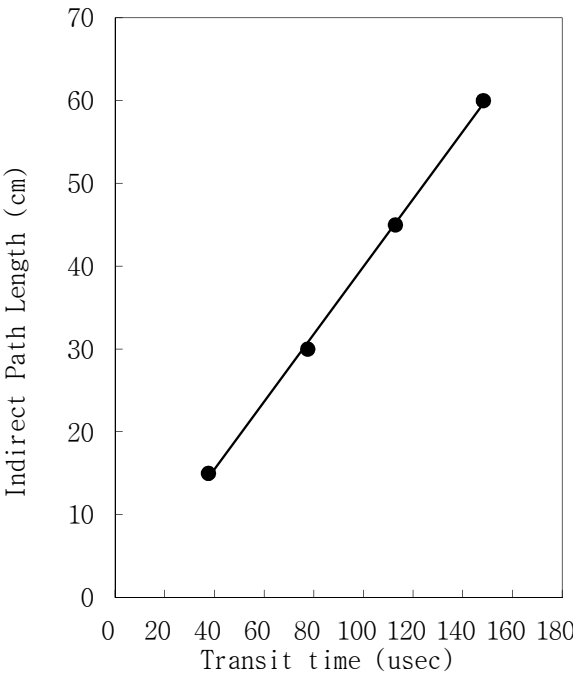
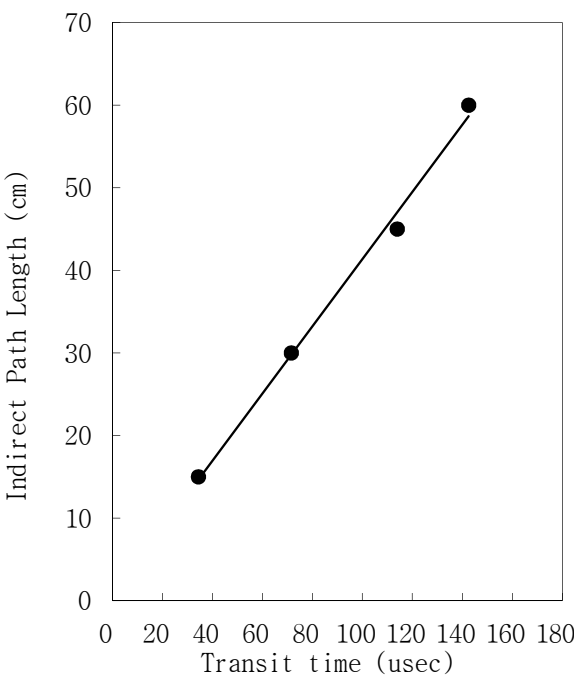
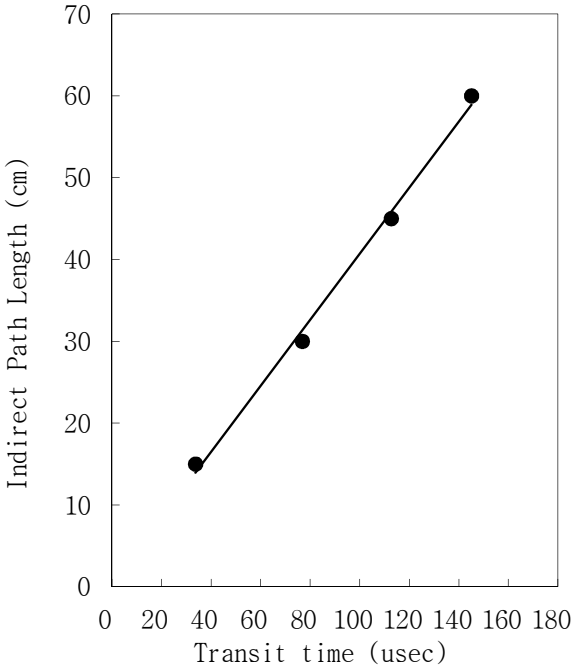
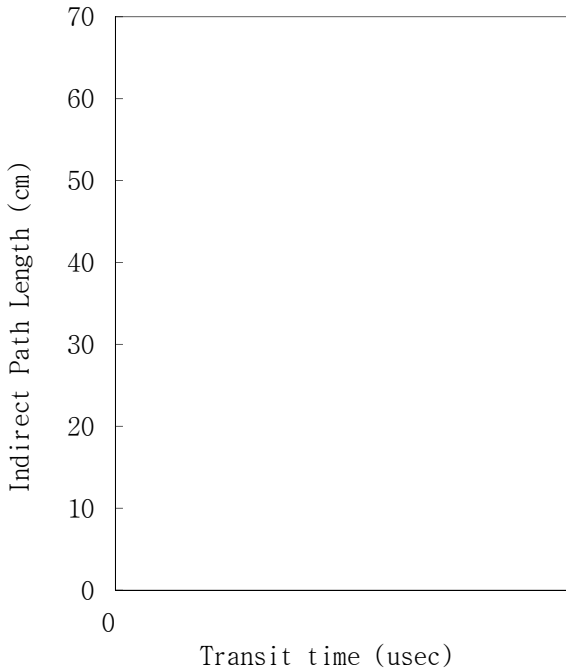


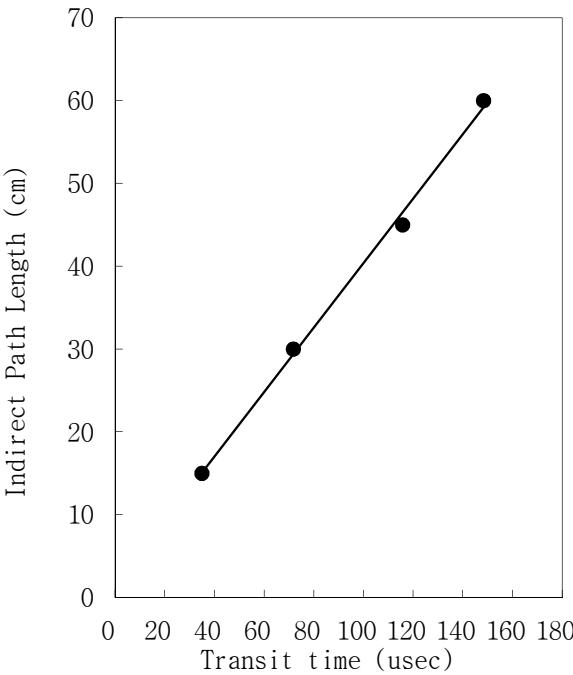
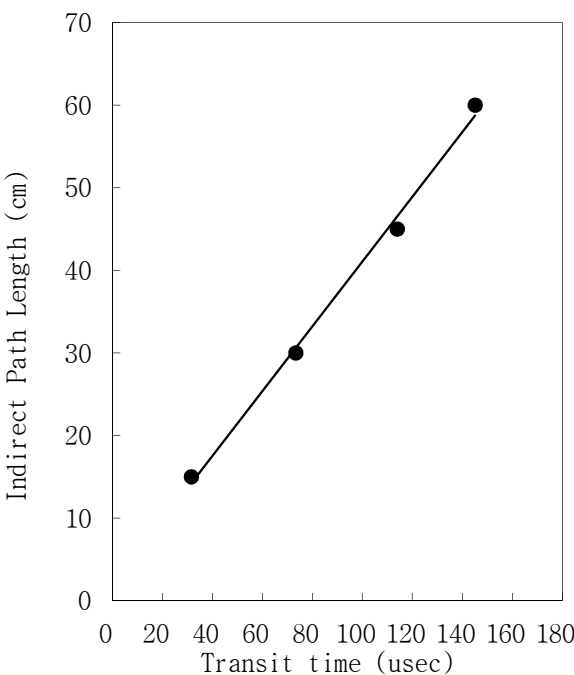
PUNDIT		논산JCT교 초음파탐사 DATA	
PROJECT TITLE :		논산천안고속도로 1종시설물 정밀안전진단 용역 (2구역)	
Company	 (주) 한국구조물안전연구원	Client	 (주)천안논산고속도로
	 (주) 한 맥 기 술	Method	초음파법
Pulse Velocity Data			
(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)			
부 재 명	S1(건전부)	부 재 명	S2(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
37.5	15	34.3	15
77.5	30	71.5	30
112.8	45	113.9	45
148.2	60	142.5	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.079 X - 8.412$		$Y = 4.065 X + 6.902$	
Vi (km/s)	4.079	Vi (km/s)	4.065
Correction Ration (Vi → Vd)	4.283	Correction Ration (Vi → Vd)	4.268
압축강도(F')	29.5	압축강도(F')	29.2
			

Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

부 재 명	S3(건진부)	부 재 명	
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
33.7	15		15
76.8	30		30
112.7	45		45
145.1	60		60
Best fit line (Equation)		Best fit line (Equation)	
Y = 4.036 X + 3.414		#DIV/0!	
Vi (km/s)	4.036	Vi (km/s)	
Correction Ration (Vi → Vd)	4.238	Correction Ration (Vi → Vd)	
압축강도(F')	28.5	압축강도(F')	

 Indirect Path Length (cm) Transit time (usec)	 Indirect Path Length (cm) Transit time (usec)
---	--

PUNDIT		논산JCT교 초음파탐사 DATA	
PROJECT TITLE :		논산천안고속도로 1종시설물 정밀안전진단 용역 (2구역)	
Company	 (주) 한국구조물안전연구원	Client	 (주)천안논산고속도로
	 (주) 한 맥 기 술	Method	초음파법
Pulse Velocity Data			
(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)			
부 재 명	A1 벽체	부 재 명	A2 벽체
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
34.9	15	31.5	15
71.7	30	73.3	30
115.7	45	113.9	45
148.3	60	145.1	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.893 X + 14.335$		$Y = 3.916 X + 18.845$	
Vi (km/s)	3.893	Vi (km/s)	3.916
Correction Ration (Vi → Vd)	4.088	Correction Ration (Vi → Vd)	4.112
압축강도(F')	25.4	압축강도(F')	25.9
			

Pulse Velocity Data

(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)

부 재 명	P1 코평부		부 재 명	P2 코평부	
X	Transit Time (usec)		X	Transit Time (usec)	
Y	Indirect Path Length (cm)		Y	Indirect Path Length (cm)	
X		Y	X		Y
35.6		15	35.3		15
73.5		30	70.4		30
113.4		45	114.2		45
149.2		60	147.3		60
Best fit line (Equation)			Best fit line (Equation)		
$Y = 3.938 X + 9.015$			$Y = 3.939 X + 13.434$		
Vi (km/s)	3.938		Vi (km/s)	3.939	
Correction Ration (Vi → Vd)	4.135		Correction Ration (Vi → Vd)	4.136	
압축강도(F')	26.4		압축강도(F')	26.4	

Indirect Path Length (cm)

Transit time (usec)

Indirect Path Length (cm)

Transit time (usec)