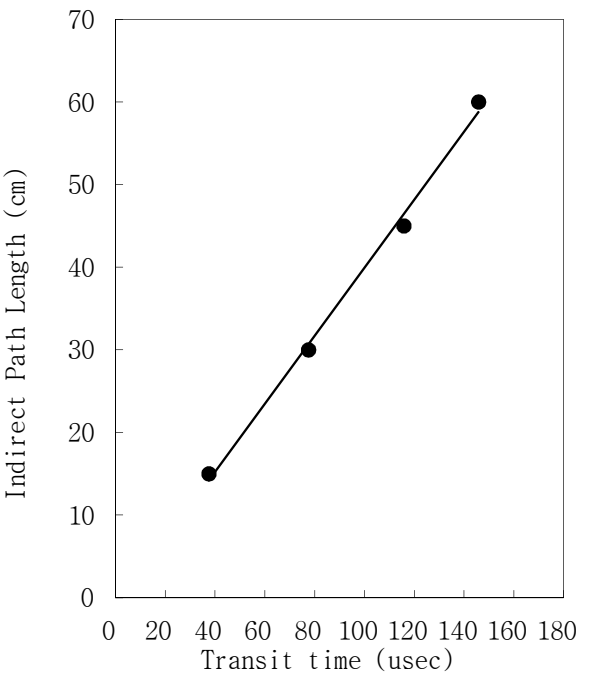
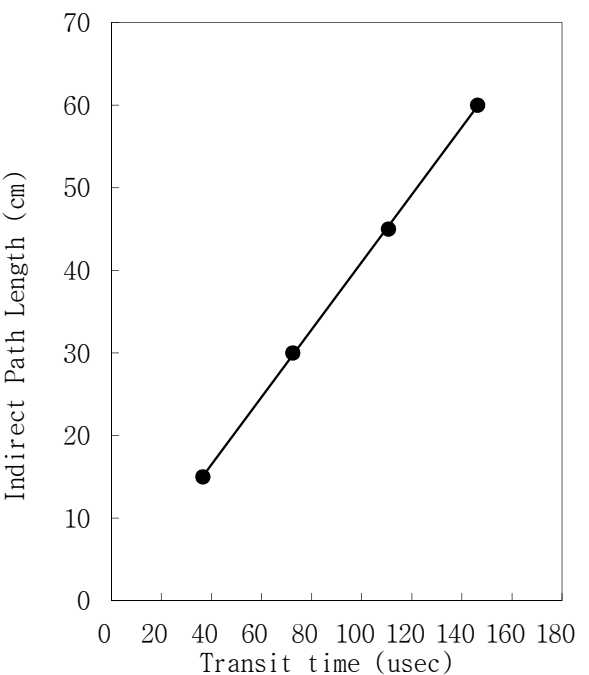
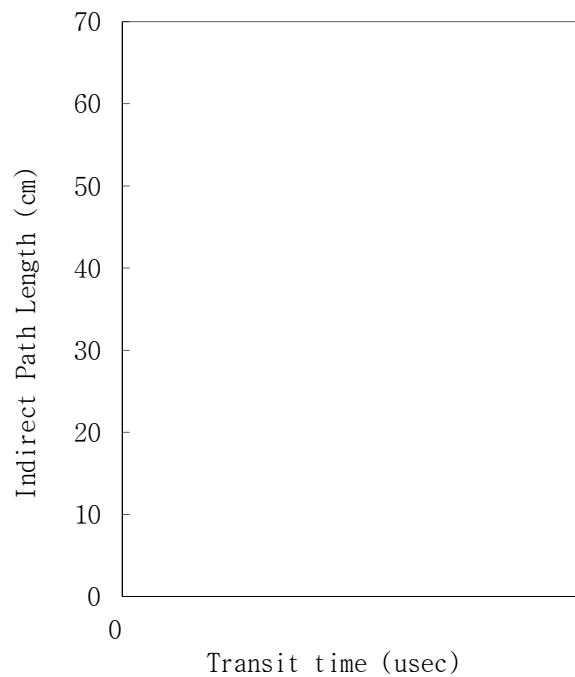
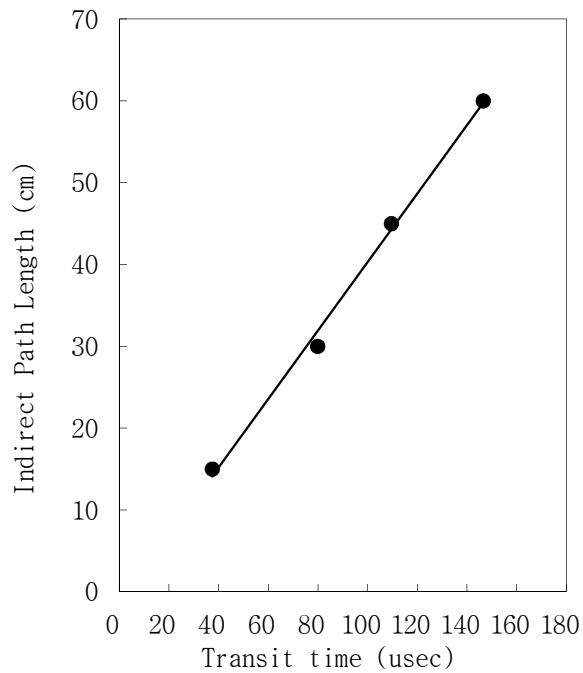


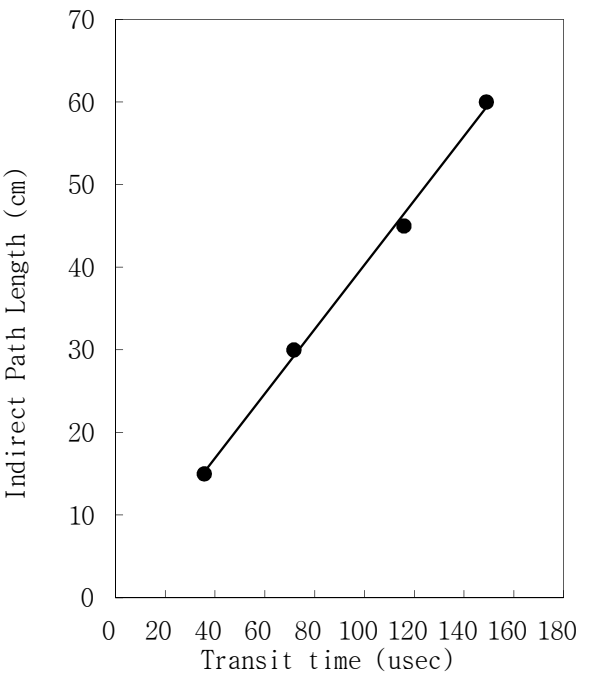
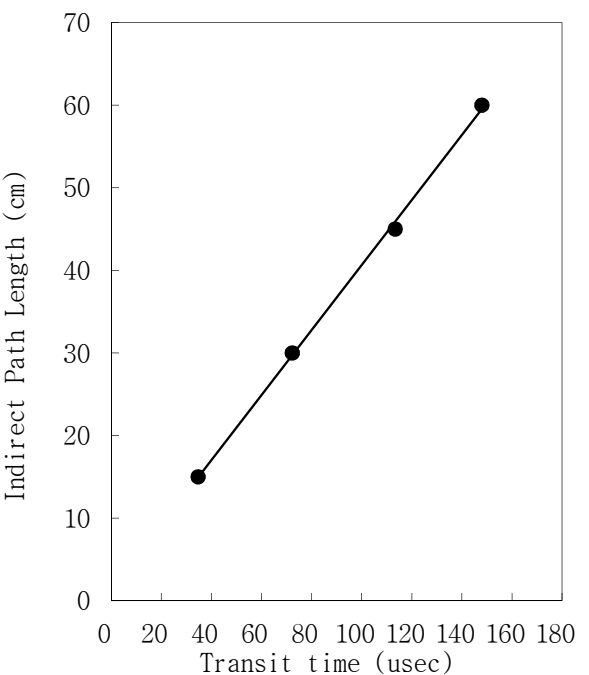
PUNDIT		검상교 노산방향 초음파탐사 DATA	
PROJECT TITLE :		논산천안고속도로 1종시설물 정밀안전진단 용역 (2구역)	
Company	 (주) 한국구조물안전연구원	Client	 (주)천안논산고속도로
	 (주) 한 맥 기 술	Method	초음파법
Pulse Velocity Data			
(Vi : Indirect Pluse Velocity, Vd : Direct Pluse Velocity)			
부 재 명	S1(건전부)	부 재 명	S2(건전부)
X	Transit Time (usec)	X	Transit Time (usec)
Y	Indirect Path Length (cm)	Y	Indirect Path Length (cm)
X	Y	X	Y
37.5	15	36.5	15
77.5	30	72.4	30
115.8	45	110.6	45
145.8	60	146.2	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.113 X - 12.24$		$Y = 4.083 X + 1.701$	
Vi (km/s)	4.113	Vi (km/s)	4.083
Correction Ration (Vi → Vd)	4.319	Correction Ration (Vi → Vd)	4.287
압축강도(F')	30.3	압축강도(F')	29.6
			

Pulse Velocity Data

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

부 재 명	S3(건전부)	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
37.4	15		15
79.8	30		30
109.5	45		45
146.5	60		60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 4.184 X - 15.345$		#DIV/0!	
Vi (km/s)	4.184	Vi (km/s)	
Correction Ration (Vi → Vd)	4.393	Correction Ration (Vi → Vd)	
압축강도(F')	31.8	압축강도(F')	



PUNDIT		검상교 노산방향 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
35.6	15	34.6	15
71.6	30	72.2	30
115.8	45	113.3	45
148.9	60	147.9	60
Best fit line (Equation)		Best fit line (Equation)	
$Y = 3.894 X + 12.928$		$Y = 3.933 X + 13.157$	
Vi (km/s)	3.894	Vi (km/s)	3.933
Correction Ration (Vi → Vd)	4.089	Correction Ration (Vi → Vd)	4.130
압축강도(F')	25.4	압축강도(F')	26.3
			

Pulse Velocity Data

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

부 재 명	P1 기동부		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
35.4		15	36.1		15
72.8		30	70.4		30
112.5		45	111.6		45
147.8		60	148.1		60
Best fit line (Equation)			Best fit line (Equation)		
$Y = 3.978 X + 8.53$			$Y = 3.972 X + 11.342$		
Vi (km/s)	3.978		Vi (km/s)	3.972	
Correction Ration (Vi → Vd)	4.177		Correction Ration (Vi → Vd)	4.171	
압축강도(F')	27.3		압축강도(F')	27.2	

Indirect Path Length (cm)

Transit time (usec)

Indirect Path Length (cm)

Transit time (usec)