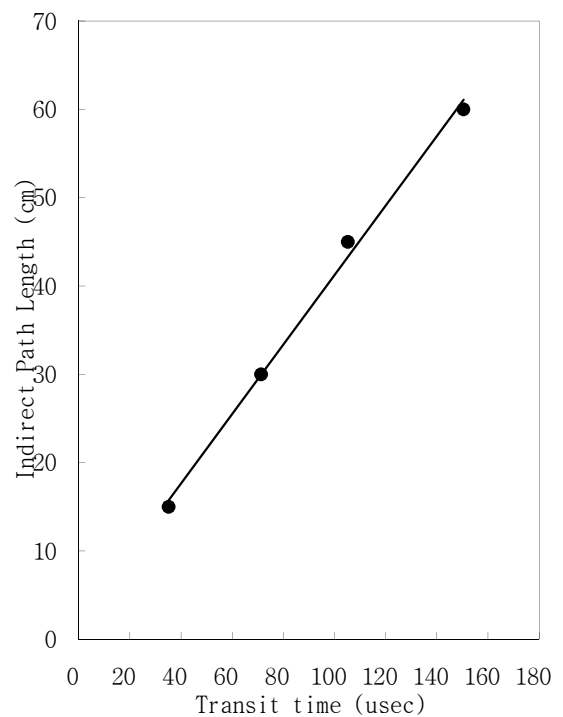
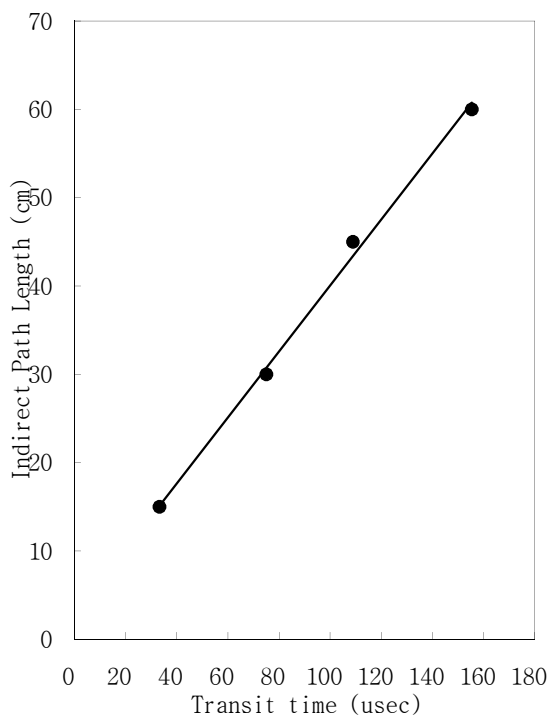


# Pulse Velocity Data

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

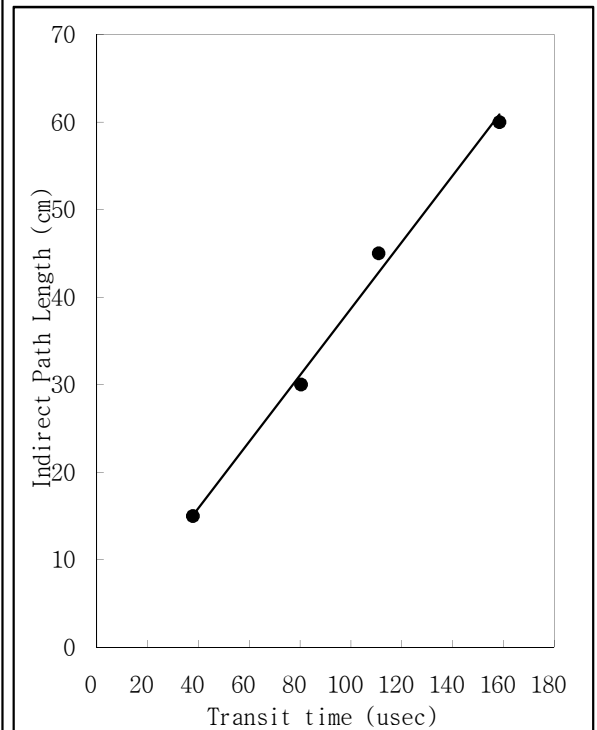
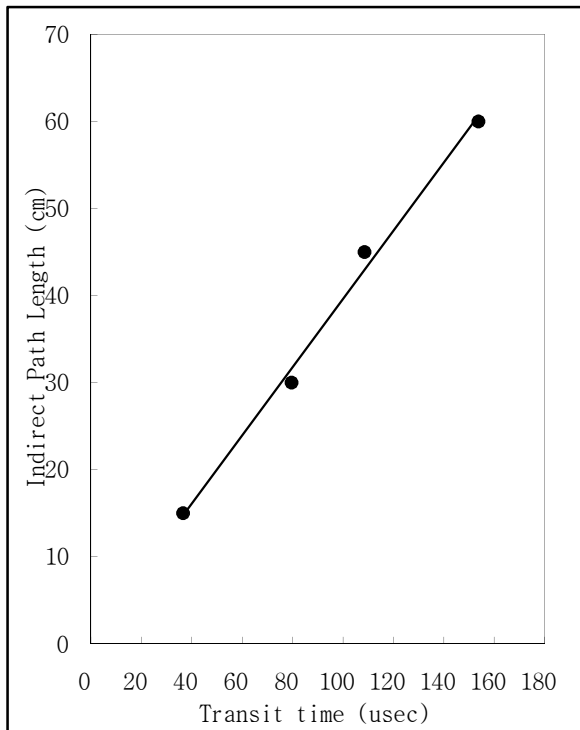
| 부 재 명                          | 1런 우측벽체                   | 부 재 명                          | 1런 좌측벽체                   |
|--------------------------------|---------------------------|--------------------------------|---------------------------|
| X                              | Transit Time (usec)       | X                              | Transit Time (usec)       |
| Y                              | Indirect Path Length (cm) | Y                              | Indirect Path Length (cm) |
| X                              | Y                         | X                              | Y                         |
| 33.3                           | 15                        | 35.2                           | 15                        |
| 75.1                           | 30                        | 71.3                           | 30                        |
| 108.9                          | 45                        | 105.2                          | 45                        |
| 155.4                          | 60                        | 150.4                          | 60                        |
| Best fit line (Equation)       |                           | Best fit line (Equation)       |                           |
| $Y = 3.736 X + 26.853$         |                           | $Y = 3.936 X + 18.669$         |                           |
| Vi (km/s)                      | 3.736                     | Vi (km/s)                      | 3.936                     |
| Correction Ration<br>(Vi → Vd) | 3.923                     | Correction Ration<br>(Vi → Vd) | 4.133                     |
| 압축강도(F')                       | 21.9                      | 압축강도(F')                       | 26.4                      |



# Pulse Velocity Data

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

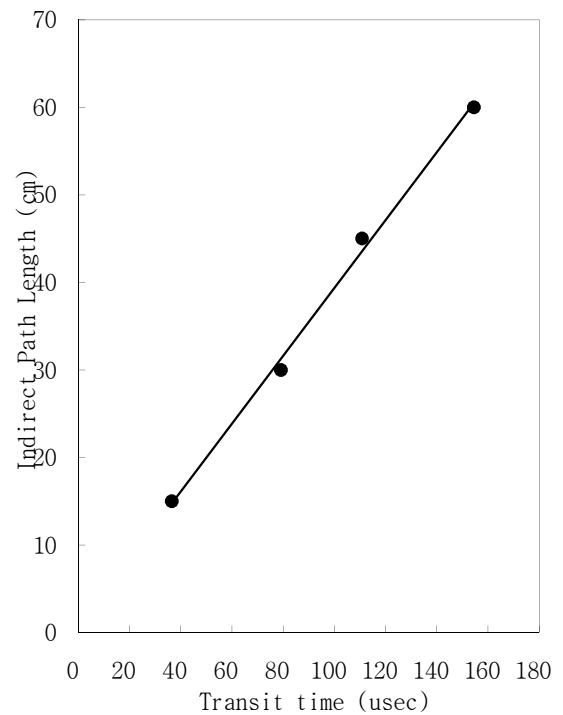
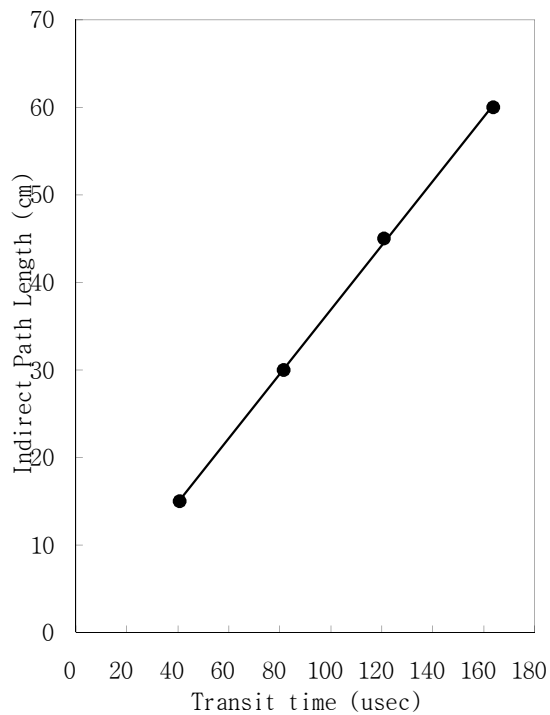
| 부 재 명                          | 2런 우측벽체                   | 부 재 명                          | 2런 좌측벽체                   |
|--------------------------------|---------------------------|--------------------------------|---------------------------|
| X                              | Transit Time (usec)       | X                              | Transit Time (usec)       |
| Y                              | Indirect Path Length (cm) | Y                              | Indirect Path Length (cm) |
| X                              | Y                         | X                              | Y                         |
| 36.6                           | 15                        | 37.8                           | 15                        |
| 79.7                           | 30                        | 80.4                           | 30                        |
| 108.6                          | 45                        | 110.9                          | 45                        |
| 153.8                          | 60                        | 158.4                          | 60                        |
| Best fit line (Equation)       |                           | Best fit line (Equation)       |                           |
| $Y = 3.916 X + 4.213$          |                           | $Y = 3.800 X + 6.901$          |                           |
| Vi (km/s)                      | 3.916                     | Vi (km/s)                      | 3.800                     |
| Correction Ration<br>(Vi → Vd) | 4.112                     | Correction Ration<br>(Vi → Vd) | 3.990                     |
| 압축강도(F')                       | 25.9                      | 압축강도(F')                       | 23.3                      |



# Pulse Velocity Data

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

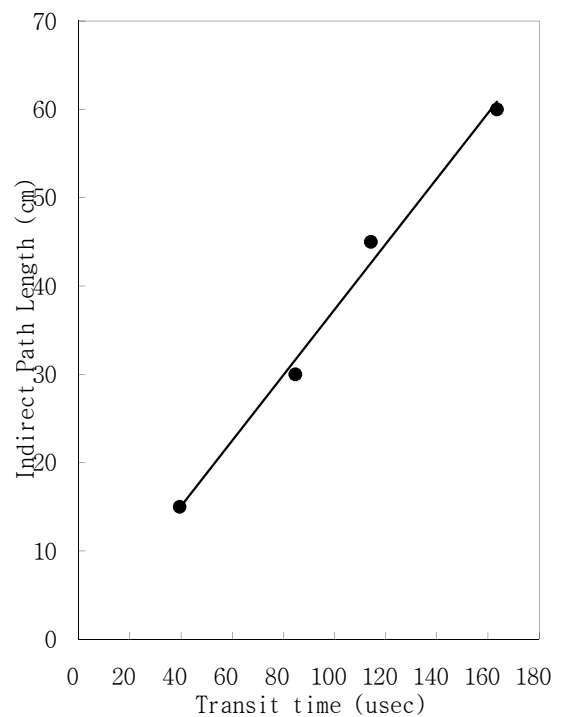
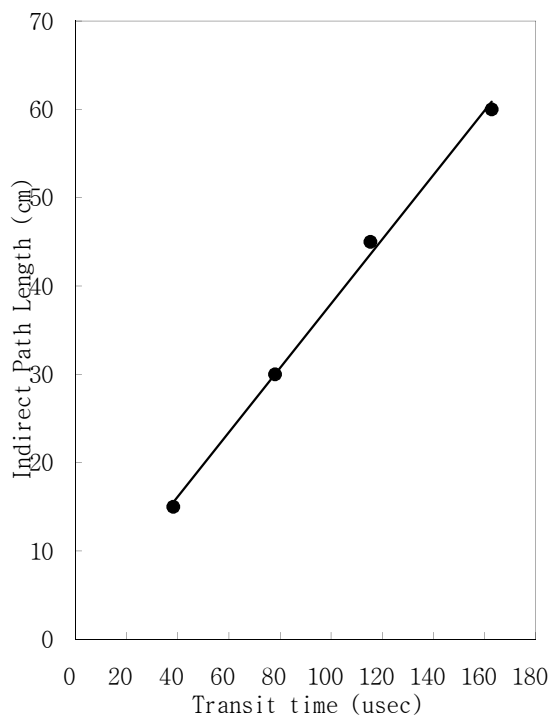
| 부 재 명                          | 3런 우측벽체                   | 부 재 명                          | 3런 좌측벽체                   |
|--------------------------------|---------------------------|--------------------------------|---------------------------|
| X                              | Transit Time (usec)       | X                              | Transit Time (usec)       |
| Y                              | Indirect Path Length (cm) | Y                              | Indirect Path Length (cm) |
| X                              | Y                         | X                              | Y                         |
| 40.6                           | 15                        | 36.5                           | 15                        |
| 81.4                           | 30                        | 79.1                           | 30                        |
| 120.8                          | 45                        | 110.8                          | 45                        |
| 163.7                          | 60                        | 154.5                          | 60                        |
| Best fit line (Equation)       |                           | Best fit line (Equation)       |                           |
| $Y = 3.669 X + 2.121$          |                           | $Y = 3.875 X + 5.983$          |                           |
| Vi (km/s)                      | 3.669                     | Vi (km/s)                      | 3.875                     |
| Correction Ration<br>(Vi → Vd) | 3.852                     | Correction Ration<br>(Vi → Vd) | 4.069                     |
| 압축강도(F')                       | 20.4                      | 압축강도(F')                       | 25.0                      |



# Pulse Velocity Data

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

| 부 재 명                          | 1런 슬래브하면                  | 부 재 명                          | 2런 슬래브하면                  |
|--------------------------------|---------------------------|--------------------------------|---------------------------|
| X                              | Transit Time (usec)       | X                              | Transit Time (usec)       |
| Y                              | Indirect Path Length (cm) | Y                              | Indirect Path Length (cm) |
| X                              | Y                         | X                              | Y                         |
| 38.3                           | 15                        | 39.5                           | 15                        |
| 78.1                           | 30                        | 84.7                           | 30                        |
| 115.3                          | 45                        | 114.2                          | 45                        |
| 162.7                          | 60                        | 163.5                          | 60                        |
| Best fit line (Equation)       |                           | Best fit line (Equation)       |                           |
| $Y = 3.645 X + 15.586$         |                           | $Y = 3.705 X + 2.731$          |                           |
| Vi (km/s)                      | 3.645                     | Vi (km/s)                      | 3.705                     |
| Correction Ration<br>(Vi → Vd) | 3.827                     | Correction Ration<br>(Vi → Vd) | 3.890                     |
| 압축강도(F')                       | 19.9                      | 압축강도(F')                       | 21.2                      |



# Pulse Velocity Data

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

| 부 재 명                          | 3런 슬래브하면                  | 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                         |
| 39.1                           | 15                        |                                | 15                        |
| 80.2                           | 30                        |                                | 30                        |
| 116.7                          | 45                        |                                | 45                        |
| 161.9                          | 60                        |                                | 60                        |
| Best fit line (Equation)       |                           | Best fit line (Equation)       |                           |
| $Y = 3.699 X + 7.069$          |                           | #DIV/0!                        |                           |
| Vi (km/s)                      | 3.699                     | Vi (km/s)                      | #####                     |
| Correction Ration<br>(Vi → Vd) | 3.884                     | Correction Ration<br>(Vi → Vd) | #####                     |
| 압축강도(F')                       | 21.1                      | 압축강도(F')                       | #####                     |

