

*Falkie*

WASHINGTON  
STATE HIGHWAY COMMISSION  
DEPARTMENT OF HIGHWAYS

Inter-Office Communication

Date November 15, 1956

To Geo. Stevens (A.M. Buell)

From R.V. LeClerc, HES

*Br. # 405/6A*

Subject SL-350, *SR-405* SSH 2-A, N.E. 132nd Overcrossing - Brickyard Rd. Undercrossing.

Attached for your files are data tabulations of tests performed on samples submitted from the subject locations. Logs of test holes put down by the district soils crew, samples T-650 - 656, were forwarded to your office on August 29, 1956. **By telephone, November 13, we advised that settlements in the order of 0.5 ft. could be expected at the bridge ends, of the 132nd O-xing, from loads imposed by the approach fills.** This IOC will serve to confirm that figure.

HES:MMK  
cc: Johnson

WASHINGTON  
STATE HIGHWAY COMMISSION  
DEPARTMENT OF HIGHWAYS  
Materials Laboratory  
Olympia

UNDISTURBED SAMPLES - TEST DATA

S.S.H.No. 2-A Section 132<sup>nd</sup> St Overcrossing & Brickyard Road Undercrossing  
 Job No. 52-358 & 52-359 Date Sampled July 1956

Field Sample No.	Lab. No.	Station & Offset	Depth	Description	% H <sub>2</sub> O	Density Wet (#/ft <sup>3</sup> )	Cohesion (#/ft <sup>2</sup> )	Angle of Internal Friction
1	T-650-1	712+55	6'	Org Gr Brn Med Sand	17.1			
2	2	10' RT	8'	Gr Silt + Layers of Med Sand	17.9			
3	3		10.5'	Brn Med-Coarse Sand + Pea Gr.	15.9			
4	4			Gr Brn Med Sand + Pea Grav.	14.6			
1	T-651-1	711+70	9.5'	Gr Gravelly Sand	9.3			
2	2	15' RT	12.5'	Gr Med Sand + Pea Grav.	13.1			
3	3		14.1-14.5	Lt Brn Fine Silty Sand	19.0			
4	4		16.5'	1/2 Gr Silt 1/2 Gr Clay Silt	31.3			
5	5		18.6'	Gr Clay Silt + Silt Lenses	31.7			
1	T-652-1	802+61	7.5-8.0	Brn Gr Med Sand	14.6			
2	2	E	10.4-10.7	Gr Silt + Sand & Pea Gravel	21.2			
3	3		16.6-16.8	Gr Med. Sand	15.0			
4	4		20'	Gr Med to Fine Sand	13.1			
1	T-653-1	D 5+05	11'	Brn Clayey Fine Sand + Pea Gr.	17.1			
2	2	15' RT	13'	Grey Silt	21.8			
3	3		18'	"	18.5			
1	T-654-1	D 7+26	6.3'	Brn Med. Sand	19.9			
2	2	7' RT	12.5"	"	23.0			
3	3		20'	Brn & Gr Laminated Clay Silt	18.1			
1	T-656-1	712+98 154	19.5'	Gr Silt	23.7			

Moisture Identification Only

