SETTLEMENT PLATE DATA

(See Standard Road Plan RL-6)

COUNTY _____ **ROUTE** _____

PROJECT DESCRIPTION (FROM-TO) _____

GRADING PROJECT NO. _____

BRIDGE PROJECT NO. _____

BRIDGE DESIGN NO. _____

OTHER INFORMATION _____

Benchmark and Elev. _____

Settlement Plate No. _____ **Station** _____ **Offset (R/L)** _____

Elevation of top of plate as initially installed 900.50

Date plate installed 5/17/2002 **Date fill completed** _____

Date Read	Fill Elev. at Riser	Fill Height	Length of Risers Added		Elev, Top of Riser	Today's Plate Elev.	Current Settlement	Total Settlement	Remarks or other information
			Today	To Date					
05/17/02	900.50	0.00	4.00	4.00	904.50	900.50	0.00	0.00	
05/24/02	901.50	1.00	0.00	4.00	904.50	900.50	0.00	0.00	
05/31/02	902.50	2.00	0.00	4.00	904.49	900.49	0.01	0.01	
06/07/02	903.50	3.00	3.00	7.00	907.47	900.47	0.02	0.03	
06/14/02	905.00	4.50	0.00	7.00	907.43	900.43	0.04	0.07	

FOR THE EXAMPLE SHOWN ABOVE:

Date Read:	Start at day zero to get initial survey shots on the risers attached to the plate when installed.
Fill Elev. At Riser:	Shoot the fill elevation adjacent to the riser pipe at time of reading.
Fill Height:	Difference between current fill elevation and original ground elevation; use top of plate as ground elev. if reasonable
Risers Added Today:	Standard pipe extensions are 3'-0" (see Standard RL-6) but installed length varies with couplers in place. Measure length directly on the pipe, from top of old coupler to top of new coupler. CHECK this length against a SAME-DAY difference in elevations before/after adding the new riser.
Risers Added To Date:	Sum the lengths of all riser pipes placed to date; = distance from top of plate to top of last riser.
Elev, Top of Riser:	It is recommended this always be read at the top of an attached coupler.
Today's Plate Elev:	This is the elevation of the current top of riser pipe minus the exact length of all risers to date.
Current Settlement:	Change in plate elevation from the previous reading.
Total Settlement:	Change in plate elevation from its original elevation at base of fill.
Remarks:	Note any damage, out-of-plumb, resetting, etc.