

1.0 Site Visit

The Annual Inspection site visit was conducted on June 20, 2000. At the time of the visit, the weather was clear and calm.

2.0 Significant Observations

The following observations, considered to be relevant to the stability of the slope were made:

- No indications of instability were observed on any of the abutment slopes. Refer to Photos 1 and 2.
- Erosion protection measures appeared to be installed well and are performing effectively on the west side of the south abutment fill. Refer to Photo 3.

3.0 Changes from Previous Visits

No previous visits have been conducted as part of this program. The most recent visit in the file information related to slope stability was in 1988. At that time (one year after repair) the instability had not been reactivated.

4.0 Discussion

The instability at the site was related to the construction of the abutment fill and excavation for a pier foundation. The instability was reportedly repaired during construction. There have been no indications of instability reported during the intervening time period. The June 2000 site visit showed all the abutment slopes to be performing well.

5.0 Assessment

On this basis the above, the Probability Factor is taken as 1 since there is no active movement and the probability of slide occurrence is low.

A Consequence Factor of 4 is assigned to this site since it is a fill slope associated with a bridge.

Based on the above, the Risk Level at this site is calculated as 4.

6.0 Recommendations

Based on the above, the site is considered to be stable and further monitoring is not required. As such AMEC recommends that this site be removed from the list of sites requiring annual inspections.

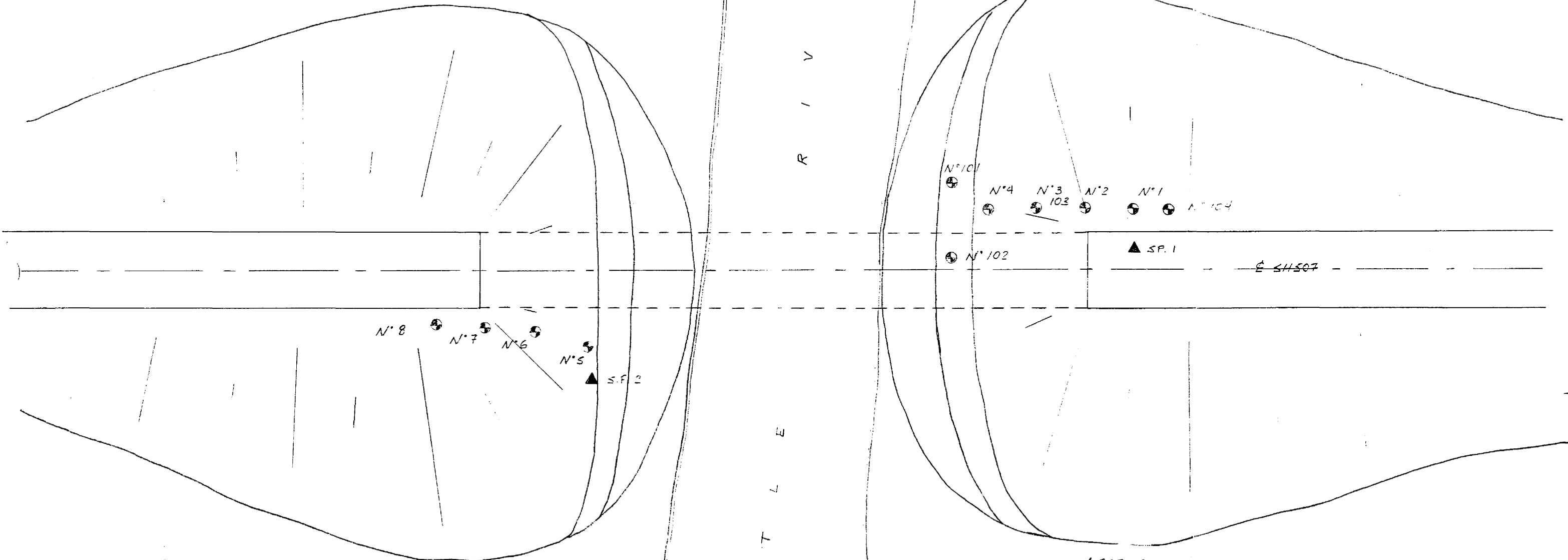
CASTLE RIVER

B.F. 31131
(SW27-6-2-WS)



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LEGEND:

- ⊕ - SLOPE INDICATORS INSTALLED
- ▲ - STD. PIPE PIECES INSTALLED

NOTE: N.T.S.



Photo 1 – Looking North at north abutment.



Photo 2 – Looking west at south abutment fill slope.



Photo 3 – Looking south at south abutment. Note erosion protection works in west ditch of the abutment fill.



