

2010 SCOUR PROTECTION

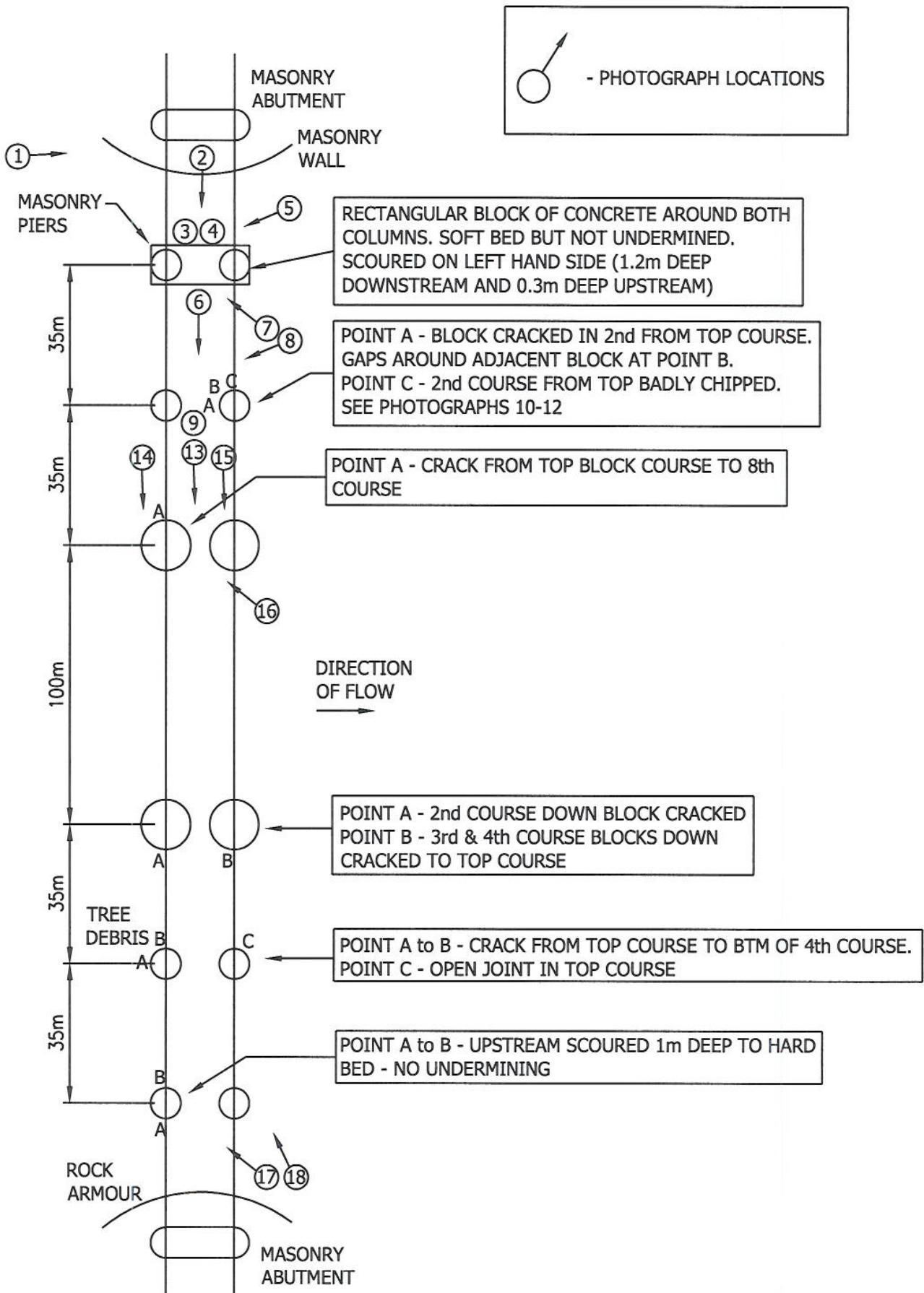
Garmouth Viaduct

MORAY COUNCIL CONSULTING
Academy Street
Elgin
IV30 1LL

Date : March 2010
Project No: 091129

ARCH HENDERSON LLP
26 Rubislaw Terrace
Aberdeen
AB10 1XE







BRIDGE STRUCTURE DIVING REPORT

ARCH
HENDERSON
ESTABLISHED 1919

Structure
Reference:

GARMOUTH VIADUCT

National Grid
Reference :

NJ3464664201

Road :

SUSTRANS CYCLE ROUTE

Agent Name :

Date of Inspection:

10/03/2010

Date of Previous
Inspection :

Date of Next
Inspection :

Diving Inspection

Notes

Sketch/Reference

1. Water depth

2. Scour holes (location/size)

Left end piers on left side scoured 1.2m downstream and 0.3m upstream

091129-07

Right end pier upstream scoured 1m to hard bed

3. Substructure (construction)

Masonry piers and abutments

4. Substructure (condition)

(G) Good (F) Fair (P) Poor

Good

5. Masonry substructures
(Joint sizes/condition)

091129-07

See sketch for details of masonry defects

6. Concrete (spalled/damaged)

7. Level grid m. c/s

(10 m upstream/downstream)

Diving Inspection (Continued).....

8. Foundation (undercutting)	Notes
9. Bed material (debris present)	Sketch/Reference
10. Embankment	
11. Piles - length exposed (below water line)	

Signed:

Name : _____

23rd MARCH 2000

GARMOUGH VIADUCT



Photo 1



Photo 2



Photo 3



Photo 4

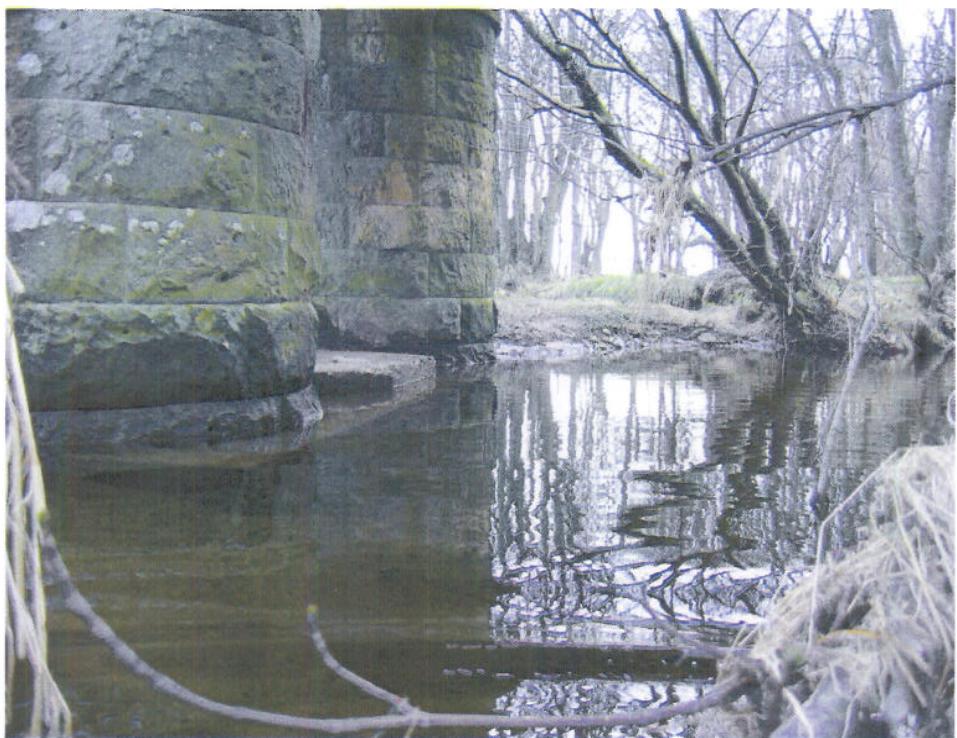


Photo 5

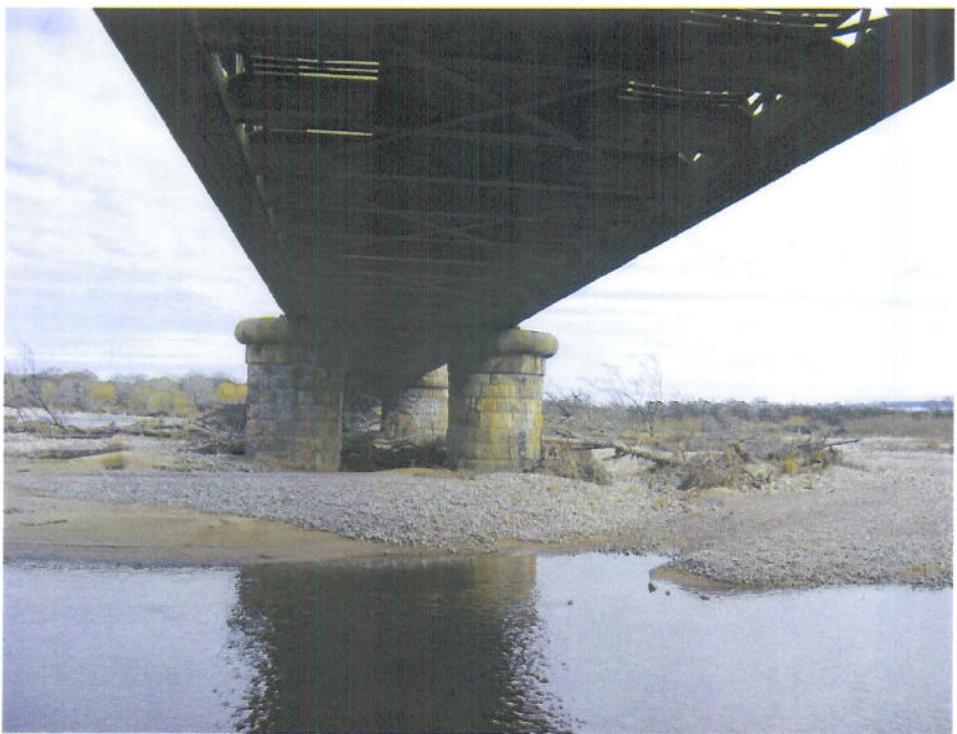


Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16

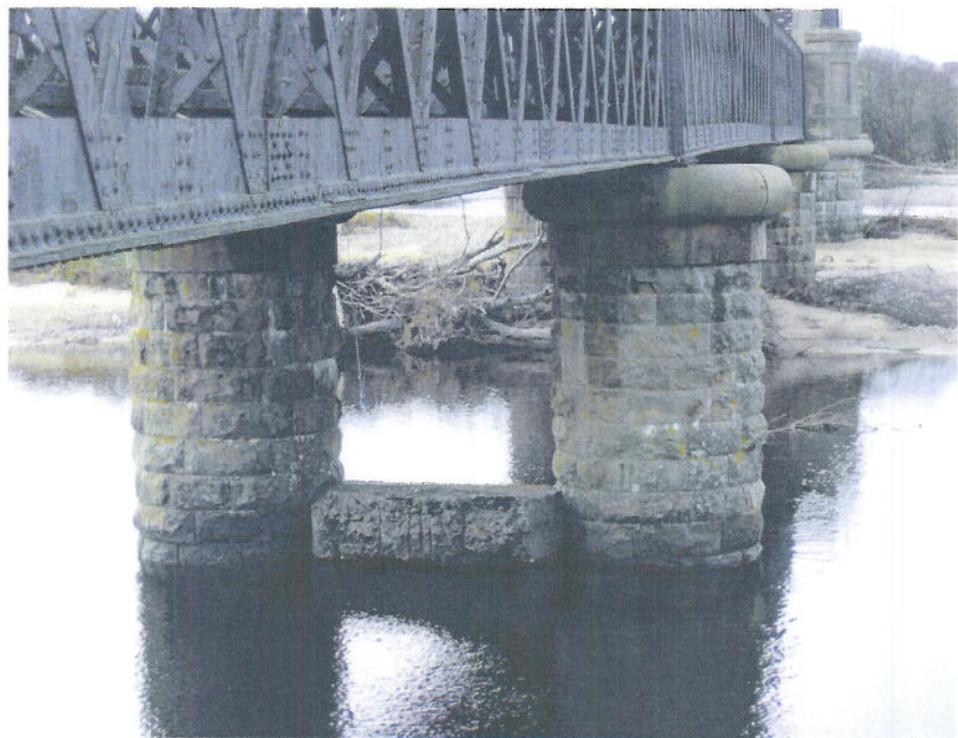


Photo 17



Photo 18