

2010 SCOUR PROTECTION

Garmouth Viaduct

MORAY COUNCIL CONSULTING

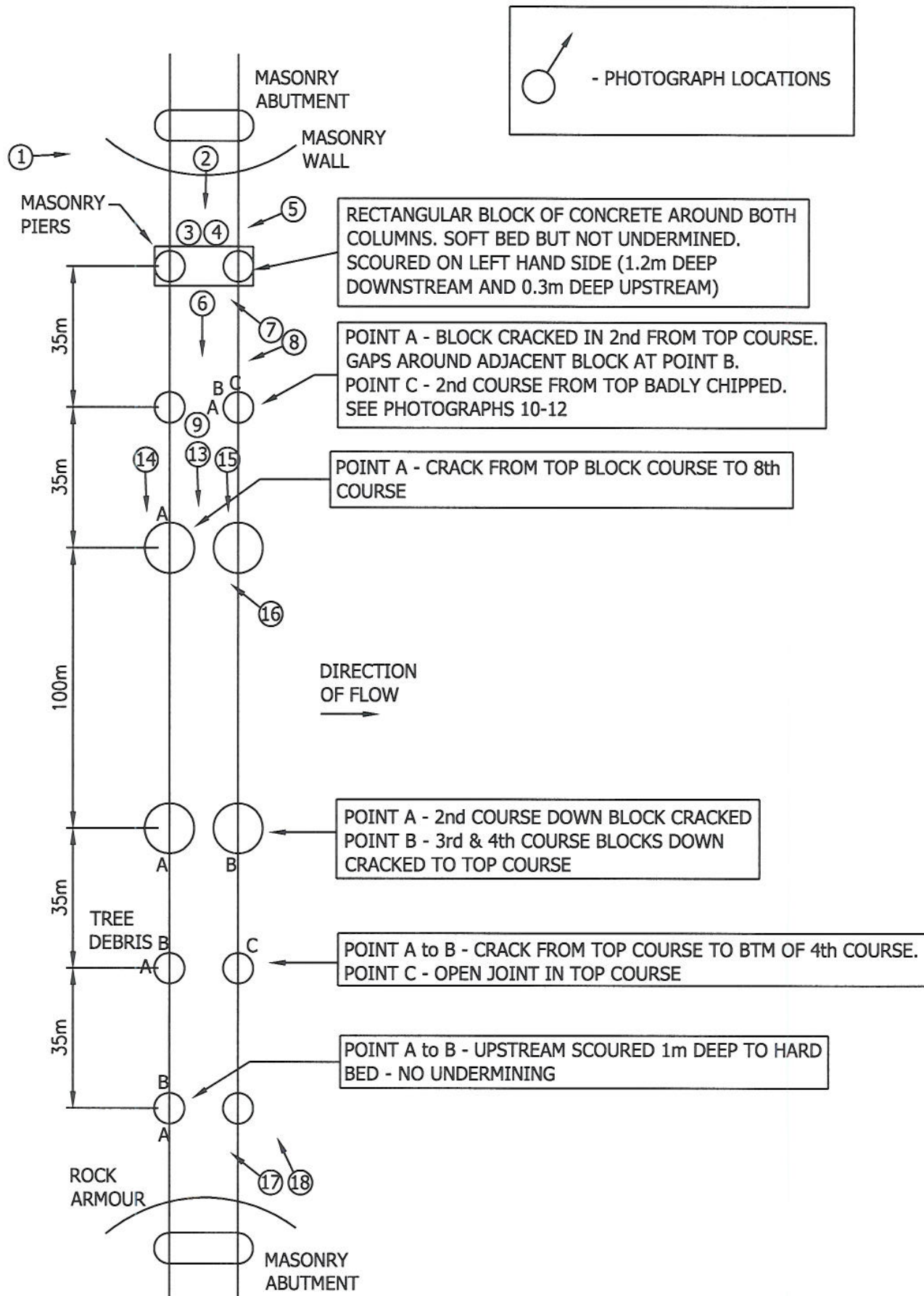
Academy Street
Elgin
IV30 1LL

ARCH HENDERSON LLP

26 Rubislaw Terrace
Aberdeen
AB10 1XE

Date : March 2010
Project No: 091129







BRIDGE STRUCTURE DIVING REPORT

ARCH
HENDERSON
ESTABLISHED 1918

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

1. Water depth

2. Scour holes (*location/size*)

3. Substructure (*construction*)

4. Substructure (*condition*)
(G) Good (F) Fair (P) Poor

5. Masonry substructures
(*Joint sizes/condition*)

6. Concrete (*spalled/damaged*)

7. Level grid m. c/s
(*10 m upstream/downstream*)

Notes

Sketch/Reference

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	
Masonry piers and abutments	
Good	
See sketch for details of masonry defects	091129-07

Diving Inspection (Continued).....

8. Foundation (*undercutting*)

9. Bed material (*debris present*)

10. Embankment

11. Piles - length exposed
(below water line)

Notes

Sketch/Reference

Signed :

Name :

Date :

2300 March 200

GARMOUTH VIADUCT



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5

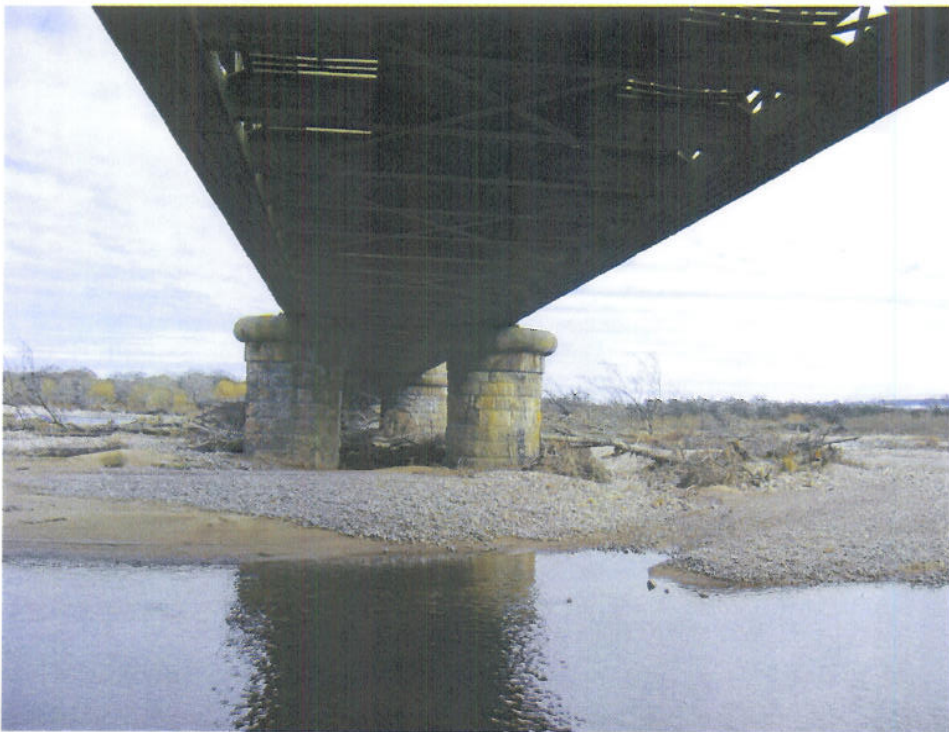


Photo 6



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18