

## NORTHERN ACCESS ROAD

### Introduction

The Northern Access Road (NAR) forms part of a road network being constructed to support the expansion of the Clyde Submarine Base and has been designed to reduce traffic on the existing public road system.

Phase 1 of the Northern Access Road opened today provides a route for construction traffic from Whistlefield to the main construction site above the existing Royal Naval Armaments Depot at Coulport. It will alleviate the impact of construction traffic on the communities of Mambeg and Rahane associated with the upsurge of construction activity at the Depot from this autumn.

Phase 2 of the Northern Access Road, scheduled for completion in early 1988, will complete the route to RNAD Coulport and take the majority of Depot traffic from the existing public roads on the Rosneath peninsula.

Completion of the Garelochhead Bypass and the Glen Fruin Road at the turn of this year will relieve Garelochhead, Helensburgh and adjacent villages of traffic. The Bypass will become part of the country's public road network.

### Description

NAR Phase 1 commences at Whistlefield just north of Garelochhead village on the A814, and runs 6 km along the spine of the Rosneath Peninsula to the Site Access Road at Peaton Hill. Phase 2 will continue down to the B833 at Coulport on Loch Long.

The road has a single carriageway 7.3 m wide in flexible pavement. Near Whistlefield, a bridge carries the new road over the West Highland Railway.

Construction of the road was along difficult, steeply sloping terrain through peat, glacial till and schistose rock. Care has been taken to merge the road into the environment and extensive landscaping is included in the Contract to minimise the visual impact.

### Project Team

Client:	Property Services Agency
Project Manager	A J W Scott ARICS
Project Civil Engineer	M B Power BSc CEng MICE MBIM
Lead Consultant:	Scott Wilson Kirkpatrick & Partners (Scotland)
Support Consultants:	W J Cairns & Partners - Environmental Consultants Muirheads - Chartered Quantity Surveyors
Main Contractor:	The Miller Group

### Project Data

Northern Access Road:	
Approx Construction Cost	£8.0 m
Length of Road	7.8 km Total 6.0 km Phase 1
Earthworks	Excavation: 540,000 m <sup>3</sup> Fill: 230,000 m <sup>3</sup>
Design Speed	65 kph
Maximum Gradient	8%
Minimum Radius	280 m

## ROYAL NAVAL ARMAMENTS DEPOT

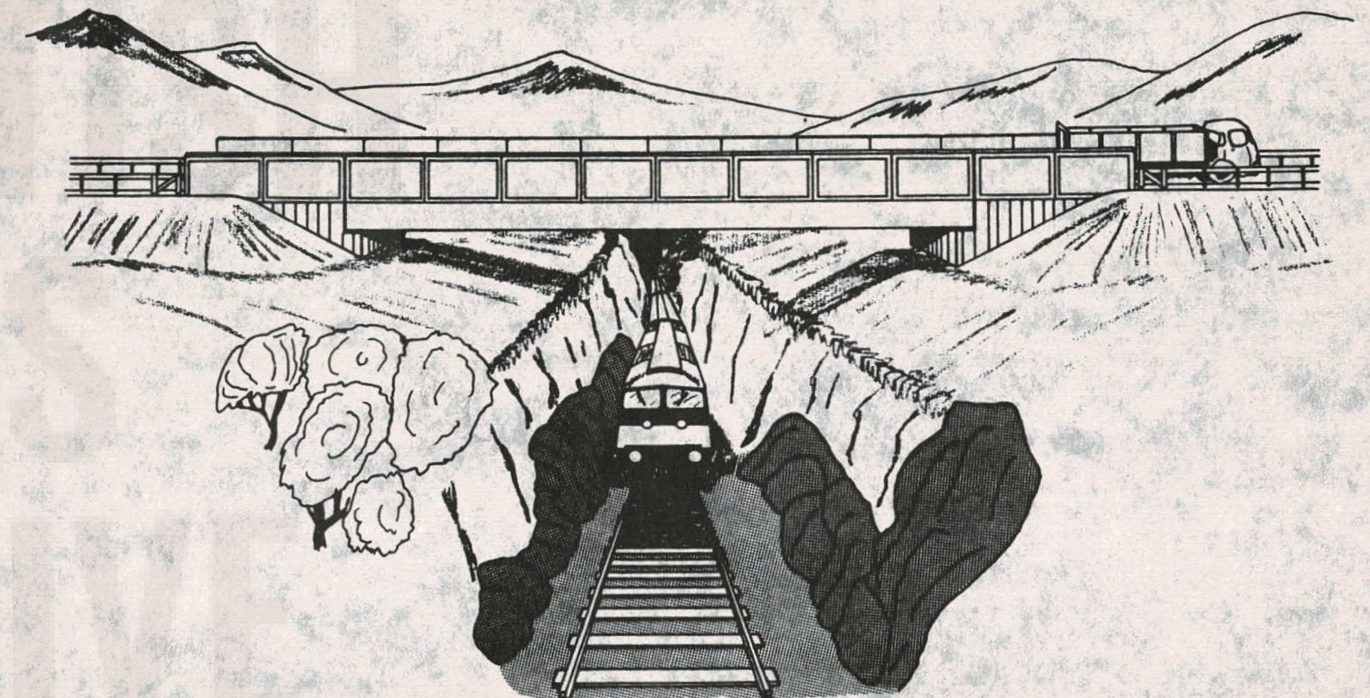
## COULPORT

## NORTHERN ACCESS ROAD

### PHASE 1 OPENING

25 September 1987

Opened By : Sir Gordon Manzie KCB  
Chief Executive of the Property Services Agency



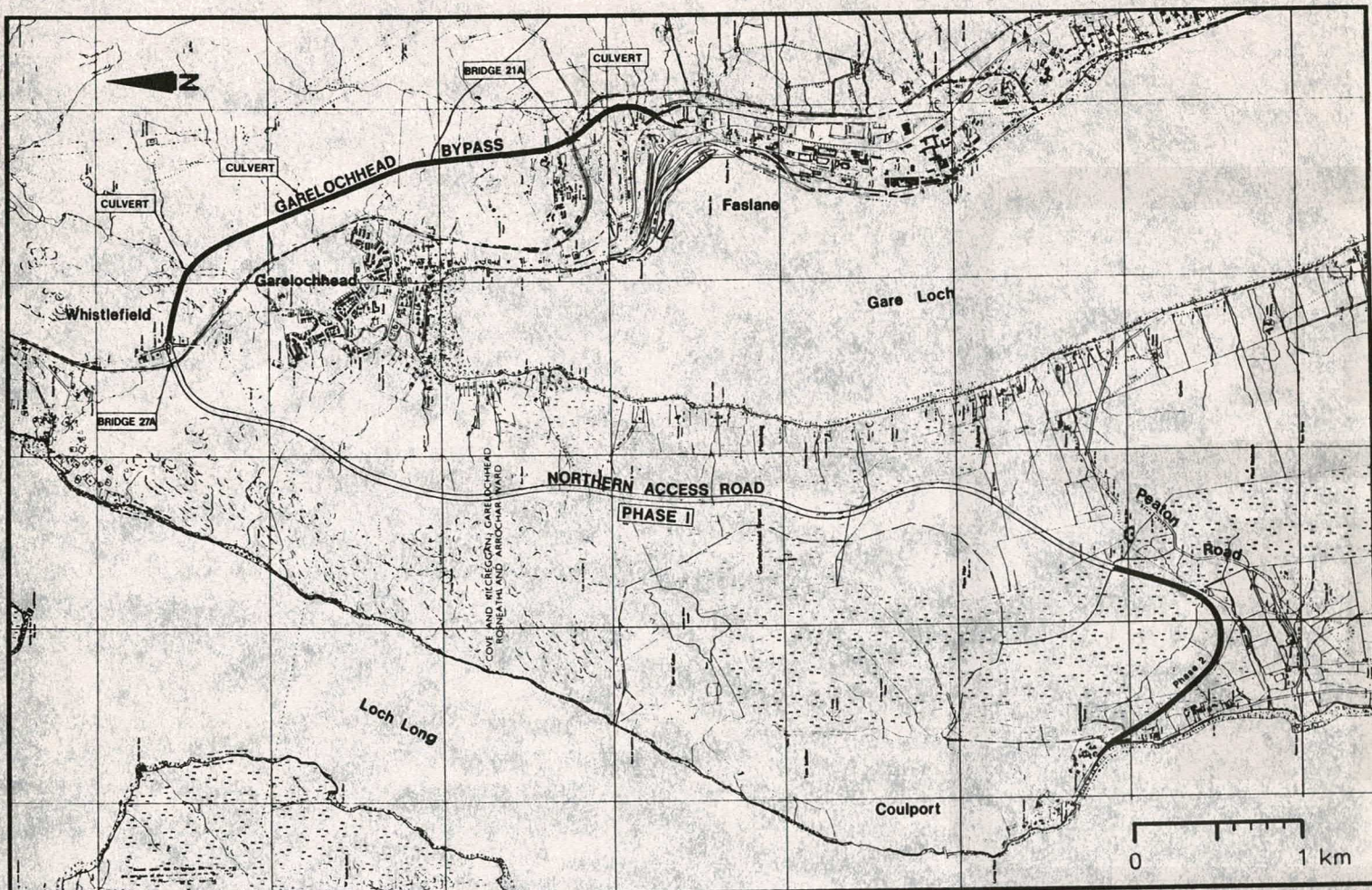
Client  
Department of the Environment

**PSA**

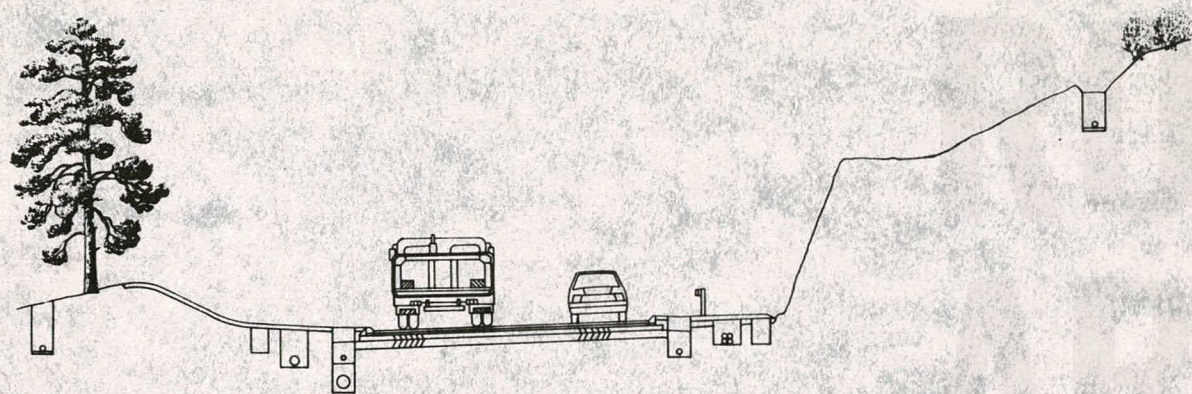
Property Services Agency

Lead Consultant  
SCOTT WILSON KIRKPATRICK & PARTNERS (SCOTLAND)  
Consulting Engineers & Transportation Planners  
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Glasgow G3 6AX

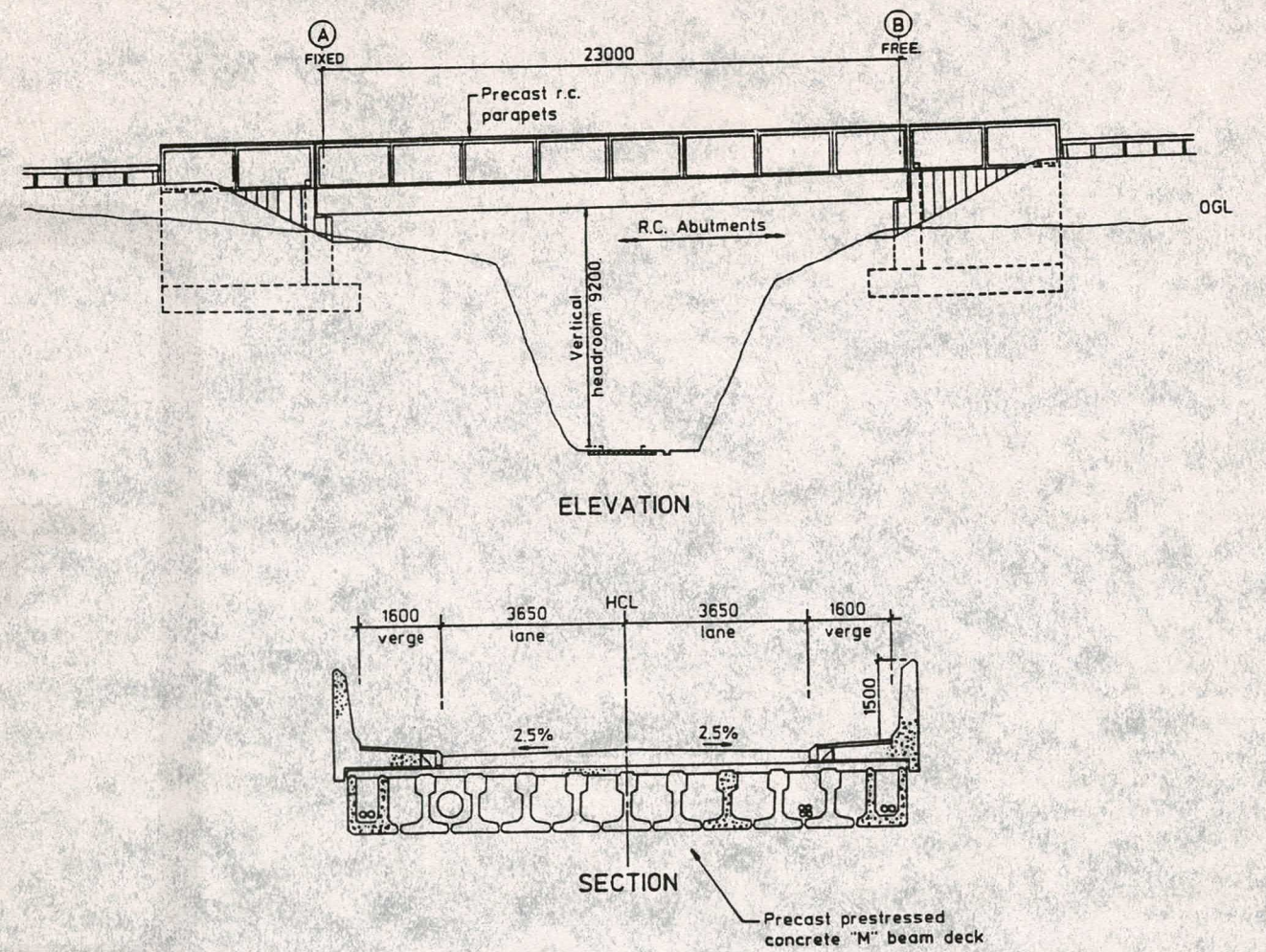




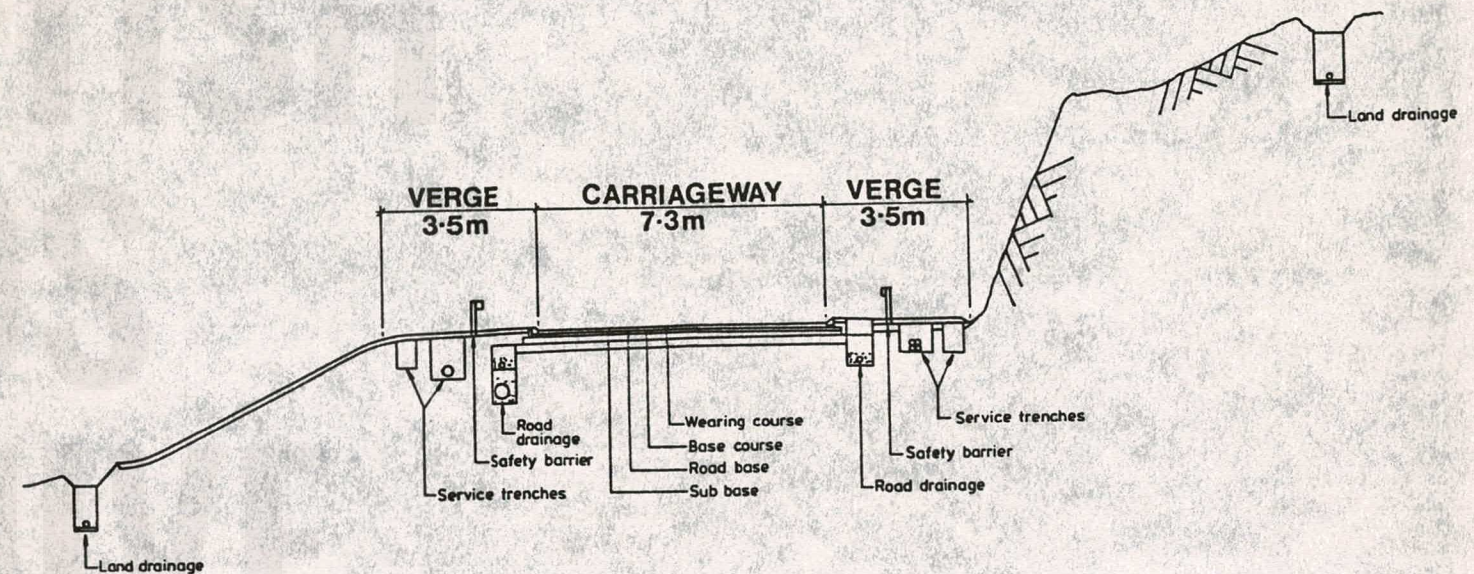
**LOCATION PLAN**



**NORTHERN ACCESS ROAD**



**WEST HIGHLAND RAILWAY BRIDGE 27A**



**TYPICAL CROSS SECTION**