

JPMcCafferty.

Historic Scotland  
20 Brandon Street  
Edinburgh EH3 5RA

cc: JPMcC

9402G/P/AHWB/SSB

Attention : Mr R MacInnes

20th May 1994

Dear Sirs


DOCOMOMO INTERNATIONAL REGISTER FICHE

Please find enclosed the completed questionnaire for the M8 Urban Motorway, Glasgow, together with a selection of original and recent photographs.

As discussed, the meaning of question 5.4 is uncertain; however, we would suggest that the text on the attached sheet be considered as an appropriate response.

We trust this meets your requirements.

Yours faithfully  
for SCOTT WILSON KIRKPATRICK & PARTNERS (SCOTLAND)



(Alan Baker)

Enc.

CHRR Target 1 (M8 through Glasgow) was  
'Listed' as one of Scotland's Modern Monuments following  
The Visions Revisited Conference at Glasgow University Oct 1992  
and JPMcCafferty's Paper on Glasgow Inner Ring Road.

JPMcC

## 1 IDENTITY OF BUILDING OR GROUP OF BUILDINGS

current name of building: M8 URBAN MOTORWAY, GLASGOW

variant or former name: GLASGOW INNER RING ROAD (TARGET 1)

number and name of street: -

town: GLASGOW

code: -

country: SCOTLAND, UK.

## CURRENT OWNER

name: STRATHCLYDE REGIONAL COUNCIL

address: 20 INDIA STREET  
GLASGOW G12 4PF  
SCOTLAND

telephone:

041 204 2900

fax:

041 227 2870

## CONSERVATION PROTECTION

type: NONE

date: -

## AGENCY RESPONSIBLE FOR PROTECTION

name: N/A  
address:

telephone: -

fax: -

## 2 HISTORY OF THE BUILDING

commission brief: DESIGN AND CONSTRUCTION OF 21 KM OF MOTORWAY THROUGH THE CITY OF GLASGOW COMPRISING THE FIRST STAGE (TARGET 1 - TEN YEAR PLAN) OF A COMPREHENSIVE NETWORK OF PRIMARY ROADS TO DIVERT TRAFFIC FROM SURFACE STREETS.

names of ~~architect~~ designers: SCOTT WILSON KIRKPATRICK & PARTNERS

names of other designers: LANDSCAPE / PLANNING CONSULTANTS - HOLFORD ASSOCIATES

names of consulting engineers: SCOTT WILSON KIRKPATRICK, WA FAIRHURST,  
GLASGOW CORPORATION / STRATHCLYDE REGIONAL COUNCIL DEPT. OF ROADSnames of contractors: HADLES ROADWAY, LOGAN, BALFOUR BEATTY, WHATLING'S, COSTAIN,  
FAIRHURST, FRENCH, KIER

## CHRONOLOGY

competition date: N/A commission date: 1960

design period: 1962 - 1980

duration of site work start: 1965 finish: 1980

PRESENT STATE OF BUILDING

current use: EAST - WEST MOTORWAY LINK THROUGH THE CITY OF GLASGOW, FORMING PART OF A NATIONAL MOTORWAY NETWORK SERVING THE CENTRAL BELT OF SCOTLAND.

current condition: GOOD, BUT THERE IS A CONTINUING REQUIREMENT FOR MAINTENANCE TO SUSTAIN HIGH LEVELS OF TRAFFIC FLOW. AND TO COMBAT DETERIORATION OF SOME OF THE OLDER STRUCTURES.

Summary of restoration or other works carried out, with dates:

INTEGRATED PROGRAMME OF CARRIAGEWAY STRENGTHENING, UPGRADING OF CAPACITY AND BRIDGE REFURBISHMENT IS CURRENTLY UNDER WAY.

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DOCUMENTATION/ARCHIVES

written records, correspondence etc:

STRATHCLYDE REGIONAL COUNCIL,  
SCOTT WILSON KIRKPATRICK,  
WA FAIRHURST,  
HOLFORD ASSOCIATES

drawings, photographs etc:

AS ABOVE

other sources, film video etc:

FILMS AVAILABLE FROM SCOTT WILSON KIRKPATRICK

principal publications (chronological order):

A HIGHWAY PLAN FOR GLASGOW - SCOTT WILSON KIRKPATRICK & PARTNERS  
CORPORATION OF THE CITY OF GLASGOW, 1965

RECENT DEVELOPMENTS IN HIGHWAY PLANNING IN GLASGOW - HODGREN AND COLLEN  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS, OCTOBER 1968.

THE DESIGN AND CONSTRUCTION OF THE KINASTON BRIDGE AND ELEVATED APPROACH ROADS,  
GLASGOW - FAIRHURST, BENSIDEA AND FARQUHAR  
THE STRUCTURAL ENGINEER, JANUARY 1971.

VISIONS RE-VISITED : GLASGOW INNER RING ROAD - JP McAFFERTY  
DOCOMOMO CONFERENCE, UNIVERSITY OF GLASGOW, 10 OCTOBER 1992.

VISIONS REVISITED : THE FIRST CONFERENCE OF DOCOMOMO - SCOTLAND - D WHITTAM  
GLASGOW, 10 OCTOBER 1992.

PLANNING HISTORY

BULLETIN OF THE PLANNING HISTORY GROUP, VOL 14 NO.3, 1992

THE GLASGOW URBAN MOTORWAY NETWORK - 25 YEARS ON. - CARRUTHERS AND HAMILTON  
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS, TRANSPORT, FEBRUARY 1994.

do.co.mo

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## DESCRIPTION OF BUILDING

one page only, except for groups of buildings, continuous text

SOME 21 km OF MOTORWAY, MAINLY DUAL CARRIAGEWAY WITH THREE LANES AND HARD SHOULDER. NINE SEPARATE SCHEMES WERE CONSTRUCTED OVER A PERIOD OF ABOUT 14 YEARS. THE CARRIAGEWAYS ARE GENERALLY OF FLEXIBLE CONSTRUCTION.

THE HIGH STRUCTURAL CONTENT REFLECTS THE URBAN NATURE OF THE ROUTE; IN TOTAL THERE ARE 79 ROAD BRIDGES AND 21 FOOTBRIDGES, TOGETHER WITH SUBSTANTIAL LENGTHS OF RETAINING WALL. MOST OF THE BRIDGES ARE CONSTRUCTED IN EITHER IN-SITU REINFORCED OR PRESTRESSED CONCRETE. STEEL IS USED IN A RELATIVELY SMALL NUMBER OF BRIDGES, BUT EXTENSIVELY IN SIGN GANTRIES, HIGH MAST LIGHTS AND PARAPETS.

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**REASONS FOR SELECTION AS A BUILDING OF OUTSTANDING AND UNIVERSAL VALUE**

one page only except for groups of buildings, continuous text, arranged according to the following criteria

**1. technical appraisal:**

JUNCTIONS ARE CLOSELY SPACED TO MAXIMIZE ACCESS TO THE MOTORWAY SYSTEM AND THEIR LAYOUTS HAVE BEEN DEVISED TO REDUCE LAND REQUIREMENTS AND TO MINIMIZE WEAR AND TEAR. MANY BRIDGE STRUCTURES WERE TECHNOLOGICALLY ADVANCED FOR THEIR TIME, AND THE ENVIRONMENTAL CONSTRAINTS IMPOSED DURING CONSTRUCTION INCLUDED MAJOR SERVICES DIVERSIONS, AND DEALING WITH RAILWAYS, THE UNDERGROUND AND EXISTING TRAFFIC FLOWS.

**2. social appraisal:**

SIGNIFICANT FINANCIAL BENEFITS HAVE BEEN ACHIEVED BY THE CONSTRUCTION OF THE M. IN ADDITION, MAJOR SAVINGS IN ACCIDENT RATES HAVE BEEN EFFECTED, AND A CENTRALLY INTEGRATED TRAFFIC CONTROL SYSTEM ADVISES DRIVERS OF SPEED RESTRICTIONS AND LANE USAGE. THE PHASING OF CONSTRUCTION WAS IMPLEMENTED SO AS TO OFFER MAXIMUM RELIEF FROM TRAFFIC CONGESTION TO THE AREAS UNDER GREATEST PRESSURE.

**3. artistic and aesthetic appraisal:**

IN THE CITY CENTRE THE MOTORWAY HAS A DEPRESSED VERTICAL ALIGNMENT IN SENSITIVE AREAS, AND USE HAS BEEN MADE OF PREVIOUSLY ABANDONED LAND. EXTENSIVE LANDSCAPING AND PLANTING MEASURES HAVE BEEN IMPLEMENTED.

**4. evidence of canonic status (local, national, international):****5. evaluation as a reference point in architectural history and in relation to comparable buildings:**

THE M8 MOTORWAY SYSTEM THROUGH GLASGOW IS DISTINCTIVE IN THAT IT ACTS BOTH AS A BYPASS FOR THROUGH TRAFFIC, AND AS A DISTRIBUTOR OF TRAFFIC THROUGH FOUR MAIN ACCESS POINTS TO THE CITY CENTRE. THERE WERE NO COMPREHENSIVE NATIONAL STANDARDS AND TECHNIQUES EXISTANT IN THE EARLY YEARS, AND SO AMERICAN EXPERIENCE AND STANDARDS WERE ADOPTED OR MODIFIED TO SUIT LOCAL CONDITIONS. WHEN COMPARED WITH OTHER URBAN ROAD SCHEMES OF THE SAME ERA THERE WAS GREAT COOPERATION BETWEEN ENGINEERS, LANDSCAPE ARCHITECTS AND OTHER PROFESSIONALS.

PHOTOGRAPHS AND VISUAL RECORDS  
list of documents assembled in supplementary dossier

1. original visual records:

- 1. REVIEW MOTORWAY - STAGE 1
- 2. "
- 3. "
- 4. CHAIRING CROSS SECTION
- 5. "
- 6. TOWNHEAD INTERCHANGE - STAGE 1
- 7. WOODSIDE SECTION

2. recent photographs and survey drawings:

- 8. GLASGOW HIGHWAY PLAN - 10 YEAR PROGRAMME
- 9. REVIEW MOTORWAY - STAGE 1
- 10. "
- 11. CHAIRING CROSS SECTION

.....  
RAPPORTEUR  
.....

.....  
examination by DOCOMOMO national section:  
.....

examination by ISC R:

place and date:

place and date:

approval of chairman of DOCOMOMO national section:  
(convenor)

approval of chairman ISC R:

sent to ICOMOS  
date:

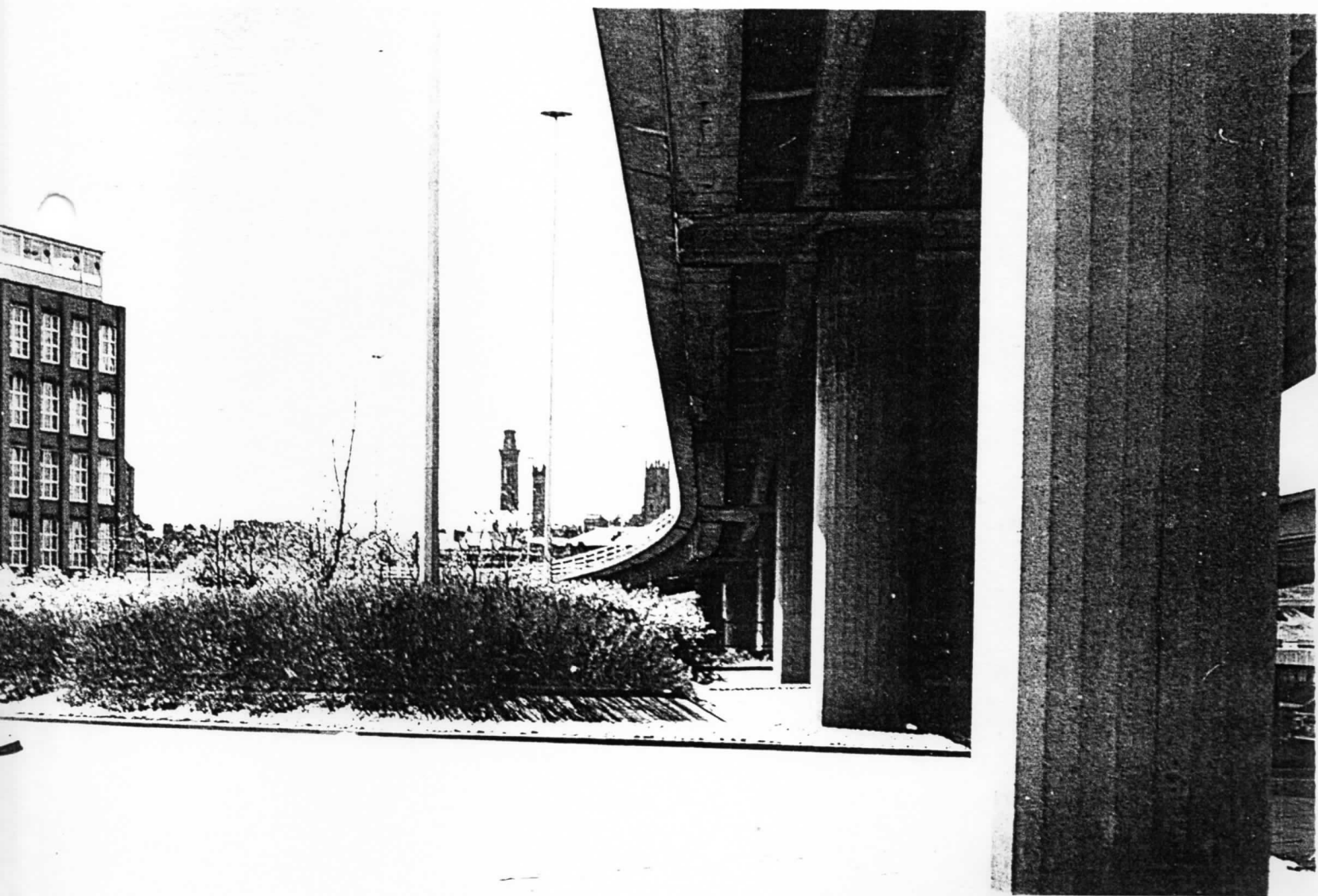
decision by ICOMOS  
reference and date:

DOCCOMO INTERNATIONAL DESIGN FIRM

MR URBAN MOTORWAY, GLASGOW

SUGGESTED TEXT FOR SECTION (EVIDENCE OF CANONIC STATUS).

"THE RING ROAD PROPOSALS SPRANG FROM LOCAL RATHER THAN NATIONAL INITIATIVE TO PROVIDE THE HIGHWAY PLAN FOR GLASGOW IN THE EARLY 1960'S - THE FIRST BLUEPRINT FOR AN URBAN MOTORWAY IN BRITAIN, PROBABLY IN EUROPE. IT IS GENERALLY ACCEPTED THAT THE MOTORWAY DEMONSTRATES THE COMBINATION OF ENGINEERING, PLANNING AND ARCHITECTURAL SKILLS OF A HIGH ORDER."









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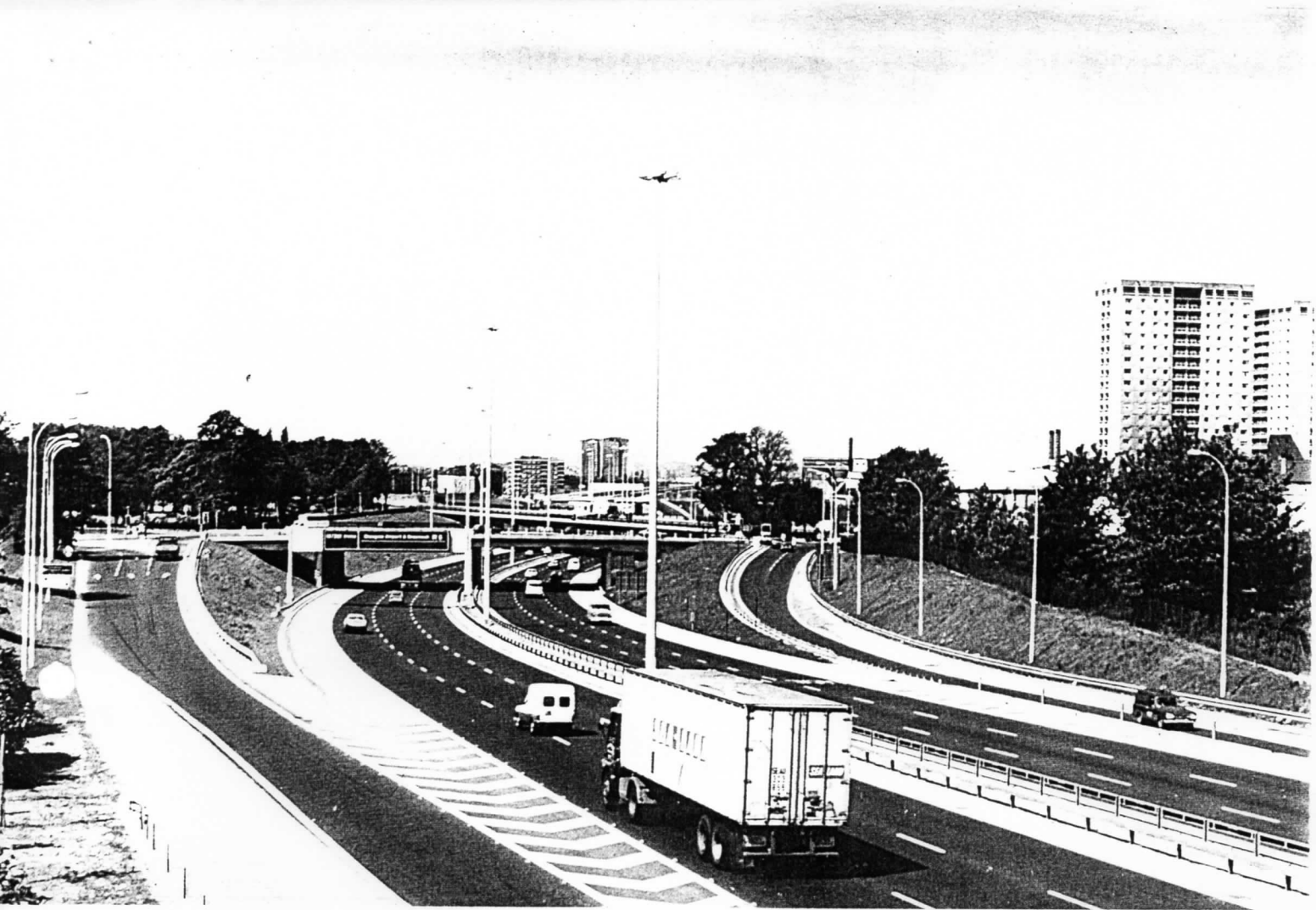
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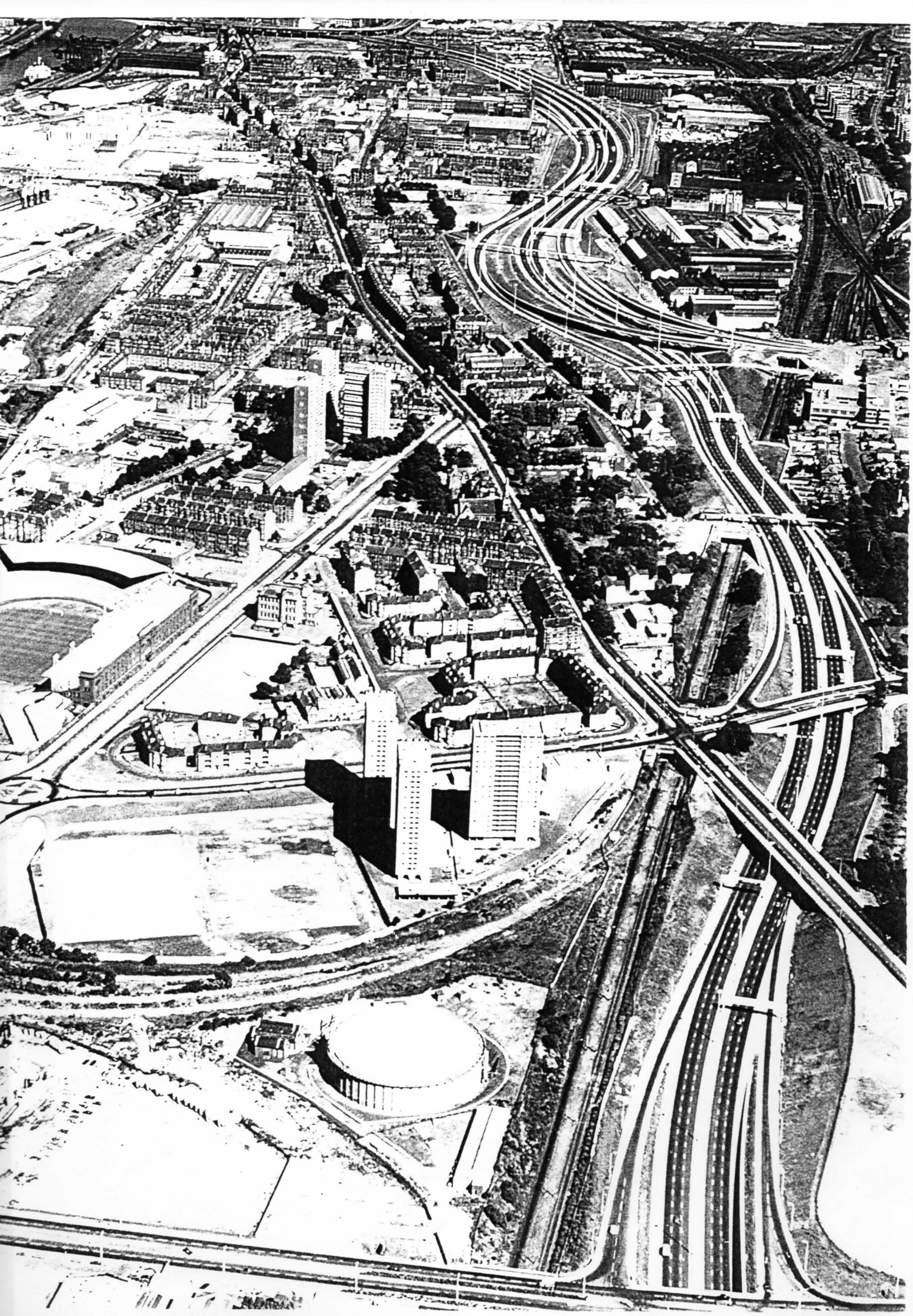
← St. Georges X  
← University  
Ring Road  
Edinburgh  
Stirling  
Carlisle MB ↗

HARAN  
GLASS & GLAZING  
Tel. 041 554 4429

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# Glasgow Highway Plan – 10 Year Programme

River Clyde

Charing Cross Section

Woodside Section  
Contract No. 2

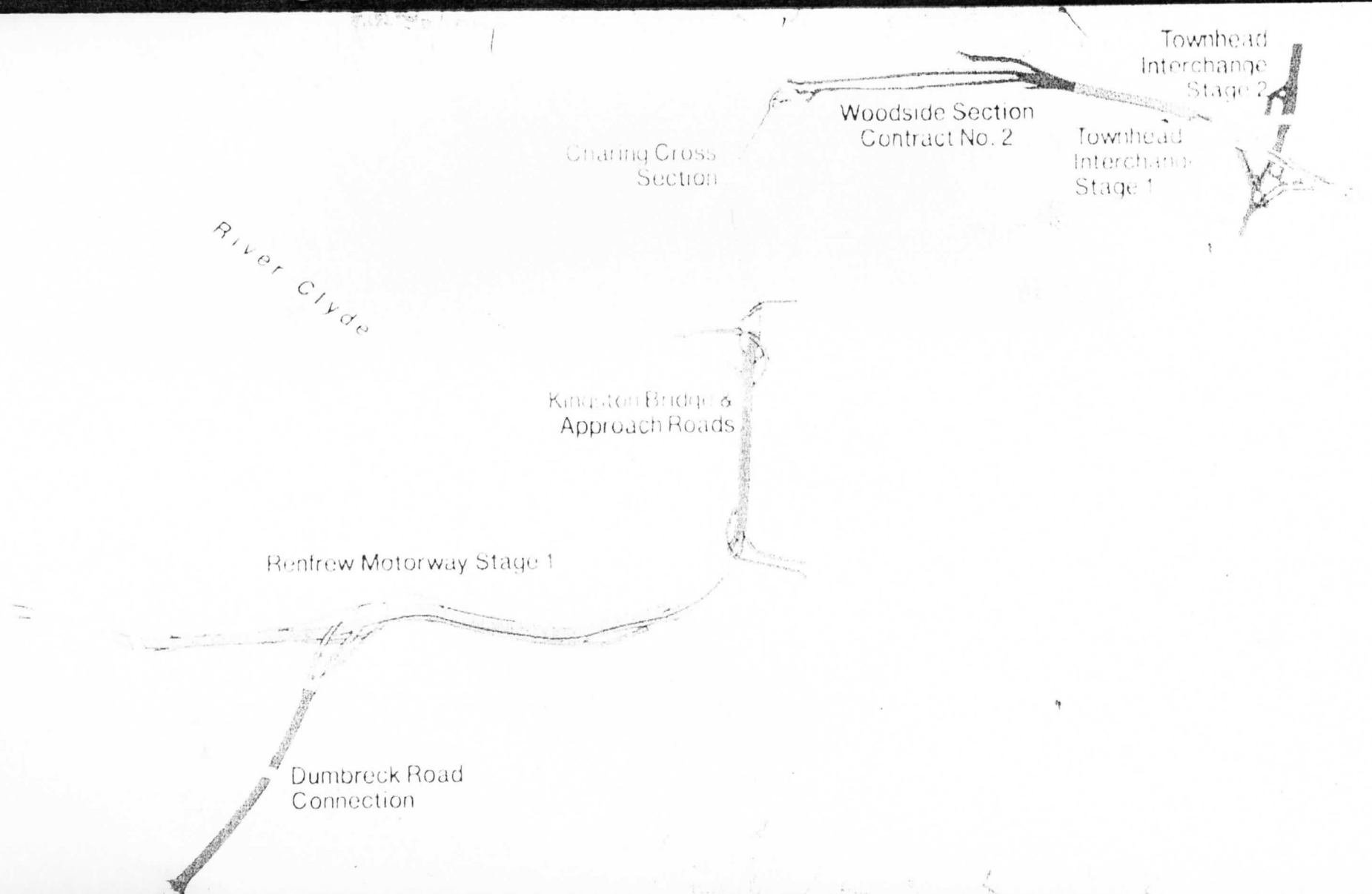
Townhead Interchange  
Stage 1

Townhead Interchange  
Stage 2

Kingston Bridge &  
Approach Roads

Renfrew Motorway Stage 1

Dumbreck Road  
Connection





(A736) Irvine Glasgow Airport & Greenock

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RAVENSFIELD



