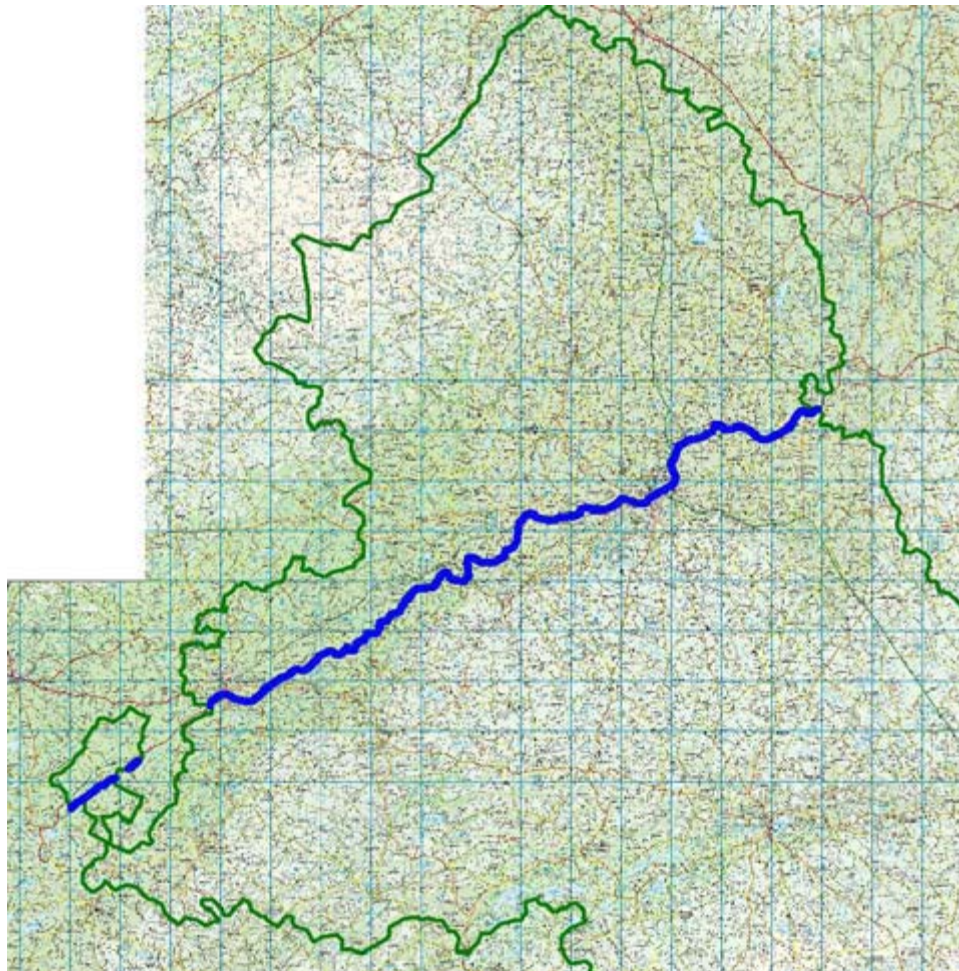


SURVEY OF CO MONAGHAN SECTION OF ULSTER CANAL

Fred Hamond

Project Brief

To survey the line of the Ulster Canal within Co Monaghan (36km), noting all features along it and also the condition of the bed and banks with a view to future greenway route access.



Route of Ulster
Canal within Co
Monaghan

Site identification

OS six-inch and 25-inch maps were used to identify all original features along the canal. In all, over 130 such features were identified: locks and lock houses, road bridges and aqueducts, mile markers, canal feeders, quays and stores (appendix 1). Later structures crossing the canal, e.g. modern water pipes, were also identified in the field, bringing the total to upwards of 150.

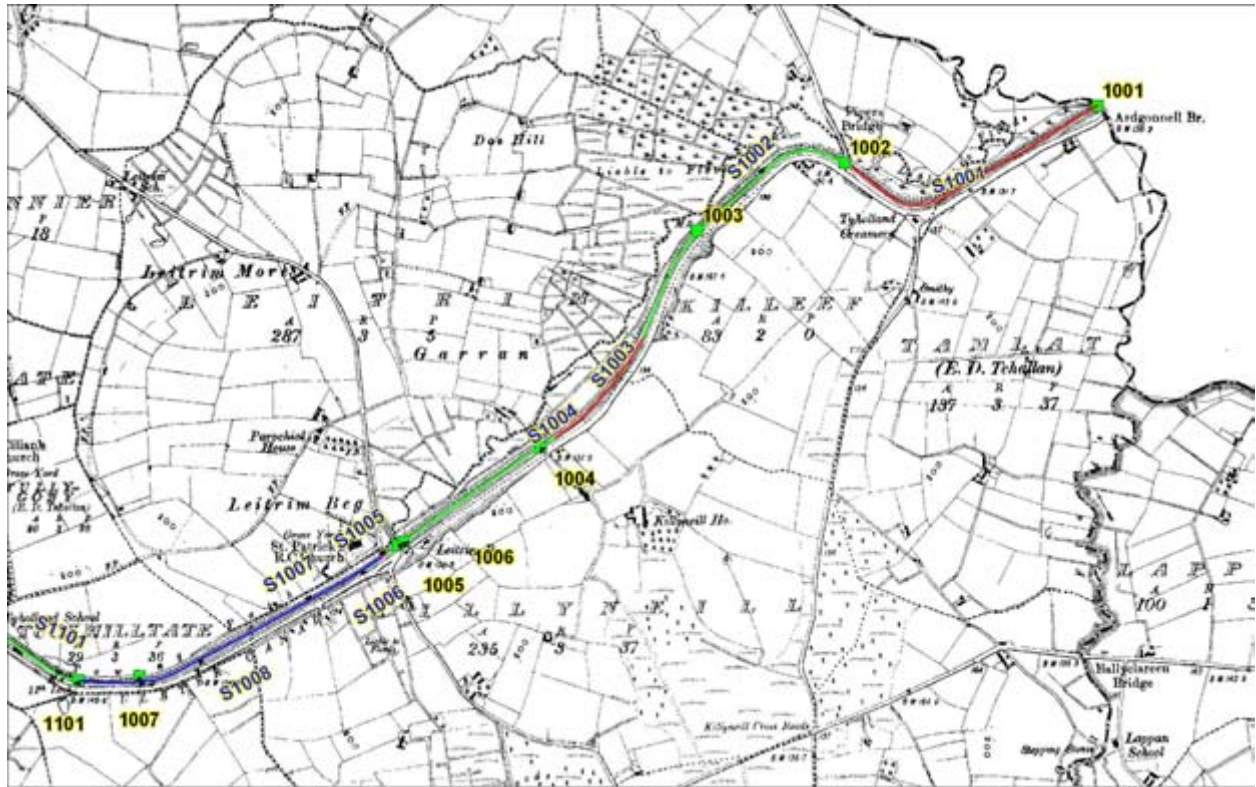
Field Survey

The line of the canal was inspected at regular intervals to determine its survival and condition. The state of the canal bed, banks and towpath were noted. The condition of the canal bed was noted in detail: (1) open and watered, (2) open and dewatered, (3) removed or infilled.

Each feature was also described using National Inventory of Architectural Heritage attributes, and photographs taken.

Data recording

All the data was inputted into an Access database. The differentiated stretches of canal and their locations were also marked up on OS maps using *MapInfo*.



Example of marked-up map showing state of canal and location of features along it. Differentiated stretches are prefixed with the letter 'S'. Key: Blue = open and watered, Green = open but dewatered, Red = infilled or removed.

Progress

Survey has been hampered by dense overgrowth which has made photography of most of the open sections of canal meaningless. It has now restarted and will be finished shortly.

The proposed structure of the finished report is as outlined in appendix 2.

Appendix 1: Canal features

1001		Bridge (canal/river)
1002		Bridge (road/canal)
1003		Mile marker
1004		Bridge (foot/canal)
1005		Bridge (canal/river)
1006		Bridge (road/canal)
1007		Mile marker
1101		Lock (11)
1102		Bridge (canal/river)
1103		Bridge (road/canal)
1201		Lock (12)
1202		Bridge (road/canal)
1203		Bridge (canal/river)
1204		Bridge (road/canal)
1301		Lock (13)
1302		Mile marker
1401	1	Lock (14)
1401	2	Lock house
1402		Bridge (road/canal)
1501	1	Lock (15)
1501	2	Harbour
1502		Bridge (road/canal)
1503		Bridge (canal/river)
1504		Mile marker
1505		Bridge (road/canal)
1601	1	Lock (16)
1601	2	Lock house
1602		Bridge (road/canal)
1603		Bridge (road/canal)
1604		Mile marker
1701		Lock (17)
1702		Bridge (road/canal)
1703		Bridge (canal/river) + Quay
1704		Bridge (road/canal)
1705		Quay
1706		Bridge (road/canal)
1707		Bridge (road/canal)
1708		Canal stores + Quay
1801		Lock (18)
1901	1	Lock (19)
1901	2	Lock house
1902		Bridge (road/canal)
1903	1	Bridge (road/canal)
1903	2	Mile marker
1904		Bridge (road/canal)
1905	1	Bridge (canal/river)

1905	2	Mile marker?
1906		Bridge (road/canal)
1907		Bridge (canal/river)
1908		Bridge (road/canal)
1909b		Bridge (road/canal feeder)
1909c		Bridge (rail/canal feeder)
1909d		Bridge (road/canal feeder)
1909f		Bridge (road/canal feeder)
1909	1	Canal feeder
1909	2	Bridge (road/canal feeder)
1909	3	Mile marker?
1909	4	Bridge (canal feeder/river)
1910		Bridge (road/canal)
1911		Bridge (road/canal)
1912		Bridge (canal/river)
1913		Bridge (road/canal)
1913a		Mile marker
1914		Bridge (foot/canal)
1915		Bridge (road/canal)
1916		Bridge (canal/river)
1917		Mile marker
1918		Bridge (road/canal)
1919		Mile marker
1920		Bridge (road/canal)
2001	1	Lock (20)
2001	2	Lock house
2002		Bridge (canal/river)
2003		Bridge (foot/canal)
2004		Mile marker
2101		Lock (21)
2102		Bridge (canal/river)
2103		Bridge (canal/river)
2104		Bridge (road/canal)
2105		Mile marker
2201	1	Lock (22)
2201	2	Lock house
2201	3	Canal store?
2202		Bridge (canal/river)
2203		Bridge (road/canal)
2204		Mile marker
2205		Bridge (road/canal)
2206		Bridge (canal/river)
2207		Bridge (road/canal)

2208		Mile marker
2209		Bridge (road/canal)
2210		Bridge (canal/river)
2211		Sluice
2212		Bridge (road/canal)
2213		Mile marker
2214		Bridge (canal/river)
2215		Bridge (road/canal)
2216		Mile marker
2217		Bridge (road/canal)
2301	1	Lock (23)
2301	2	Lock house
2401		Lock (24)
2402		Bridge (road/canal)
2403	1	Bridge (canal/river)
2403	2	Bridge (canal/river)
2404	1	Bridge (road/canal)
2404	2	Bridge (road/canal)
2405		Mile marker
2406		Bridge (rail/canal)
2407		Bridge (canal/river)
2408		Bridge (road/canal)
2409		Bridge (canal/river)
2410		Mile marker
2411	1	Bridge (road/canal)
2411	2	Bridge (road/canal)
2412	1	Canal store
2412	2	Canal office
2412	3	Quay
2413		Canal feeder
2413	1	Bridge (road/canal feeder)
2413	2	Bridge (foot/canal feeder)
2413	3	Bridge (foot/canal feeder)
2413	4	Bridge (road/canal feeder)
2414		Bridge (road/canal)
2415		Pipe
2416		Bridge (canal/river)
2417		Mile marker
2418		Bridge (road/canal)
2419		Mile marker
2420	1	Bridge (road/canal)
2420	2	Bridge (road/canal)
2421		Bridge (canal/river)

Appendix 2: Proposed chapter headings

PREFACE

SUMMARY

1. METHODOLOGY

1.1 Project brief

1.2 Paper survey

OS maps and publications

1.3 Field survey

Canal attributes - bed/banks/towpath

Condition – open+waterered, open+dry, infilled or removed

Feature recording

Photography

1.4 Numbering

Reach numbers

Site numbers

Photograph numbers

1.5 Computer databases

Access database

MapInfo database

1.6 Bibliography

2. HISTORICAL OVERVIEW

2.1 Inception of canal

2.2 Operation

2.3 Closure

3. CANAL REACHES

3.1 Canal survival

3.2 Threats

Agricultural reclamation

Fly tipping

3.3 Sections of special interest

4. CANAL FEATURES

4.1 Range of features

Original features

Later features

4.2 Survival and condition

4.3 Features of special interest

5. CONCLUSIONS

5.1 Conservation of canal

5.2 Conservation of canal features

5.3 Greenway access

APPENDICES:

1. Map of Ulster Canal
2. Maps and descriptions of reaches (including photographs)
3. Maps and inventory of features (including photographs)