

GRASS VERGE TYPE L1 CONSTRUCTION (SPECIFICATION APPENDIX 6/8)
 150mm TOPSOIL AND SEED

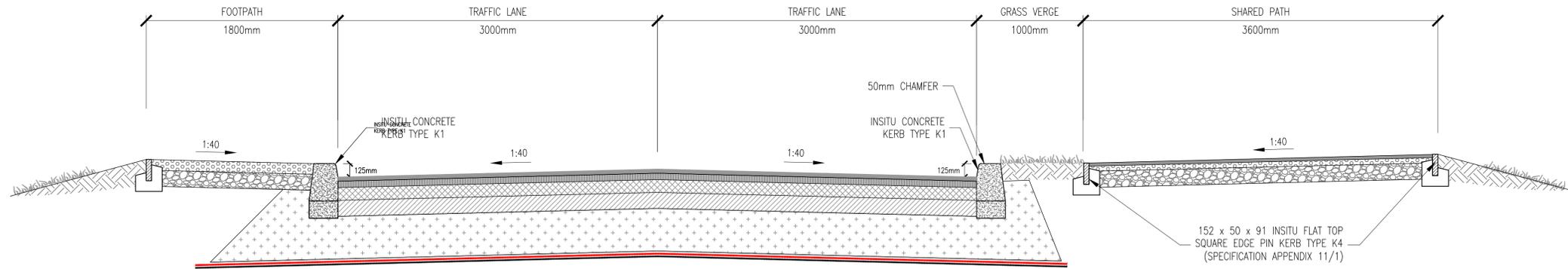
FOOTPATH TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 100mm C40/50 CONCRETE TO CLAUSE 1106, XF4. SAW CUT JOINTS AT 3m CENTRES.
 150mm GRANULAR SUB-BASE MATERIAL TYPE B TO CLAUSE 808

CARRIAGEWAY TYPE P1 CONSTRUCTION (SPECIFICATION APPENDIX 7/1)
 40mm SURFACE COURSE SMA 10 SURF PMB 65/105-60 TO SERIES 900 TII ON
 60mm BINDER COURSE AC20 DENSE BIN TO SERIES 900 TII ON
 120mm BASE COURSE AC32 DENSE BASE TO SERIES 900 TII ON
 150mm GRANULAR SUBBASE TO CLAUSE 808 ON
 400mm CLASS 6F2 CAPPING MATERIAL (BASED ON ASSUMED CBR >2.5%)
 GEOGRID THRACE TG4040S OR SIMILAR APPROVED
 GEOTEXTILE THRACE PB1000/SBNW OR SIMILAR APPROVED

GRASS VERGE TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 150mm TOPSOIL AND SEED

SHARED PATH TYPE F4 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 30mm SURFACE COURSE SMA 10 SURF PMB TO IS EN 13108-5 TO CLAUSE 5.1.3 (TII SPECIFICATION CC-SPW-00900)
 50mm ASPHALT CONCRETE AC 20 DENSE BIN 40/60 REC TO CLAUSE 906 TO CLAUSE 3.1.4 (TII SPECIFICATION CC-SPW-00900)
 150mm GRANULAR SUB-BASE TYPE B TO CLAUSE 808

GRASS VERGE TYPE L1 CONSTRUCTION (SPECIFICATION APPENDIX 6/8)
 150mm TOPSOIL AND SEED



SLÍ ÓGÍE UÍ DHUFAIGH ROAD TYPICAL CROSS SECTION A-A
 SCALE 1:25

FOOTPATH TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 100mm C40/50 CONCRETE TO CLAUSE 1106, XF4. SAW CUT JOINTS AT 3m CENTRES.
 150mm GRANULAR SUB-BASE MATERIAL TYPE B TO CLAUSE 808

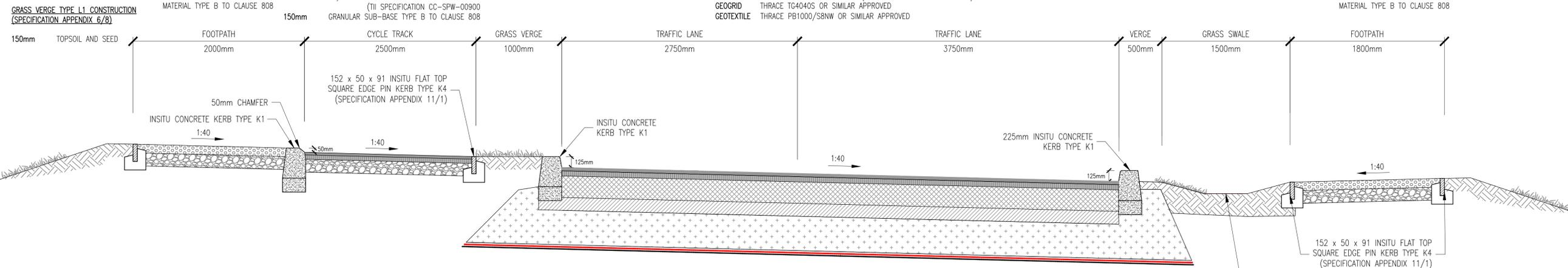
CYCLE TRACK (TYPE F4; SPECIFICATION APPENDIX 11/1)
 30mm SURFACE COURSE SMA 10 SURF PMB TO IS EN 13108-5 TO CLAUSE 5.1.3 (TII SPECIFICATION CC-SPW-00900)
 50mm ASPHALT CONCRETE AC 20 DENSE BIN 40/60 REC TO CLAUSE 906 TO CLAUSE 3.1.4 (TII SPECIFICATION CC-SPW-00900)
 150mm GRANULAR SUB-BASE TYPE B TO CLAUSE 808

GRASS VERGE TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 150mm TOPSOIL AND SEED

CARRIAGEWAY TYPE P1 CONSTRUCTION (SPECIFICATION APPENDIX 7/1)
 40mm SURFACE COURSE SMA 10 SURF PMB 65/105-60 TO SERIES 900 TII ON
 60mm BINDER COURSE AC20 DENSE BIN TO SERIES 900 TII ON
 120mm BASE COURSE AC32 DENSE BASE TO SERIES 900 TII ON
 150mm GRANULAR SUBBASE TO CLAUSE 808 ON
 400mm CLASS 6F2 CAPPING MATERIAL (BASED ON ASSUMED CBR >2.5%)
 GEOGRID THRACE TG4040S OR SIMILAR APPROVED
 GEOTEXTILE THRACE PB1000/SBNW OR SIMILAR APPROVED

GRASS SWALE
 150mm TOPSOIL AND SEED

FOOTPATH TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 100mm C40/50 CONCRETE TO CLAUSE 1106, XF4. SAW CUT JOINTS AT 3m CENTRES.
 150mm 150mm OF GRANULAR SUB-BASE MATERIAL TYPE B TO CLAUSE 808



QUARRY WALK TYPICAL CROSS SECTION SECTION B-B
 SCALE 1:25

GRASS VERGE TYPE L1 CONSTRUCTION (SPECIFICATION APPENDIX 6/8)
 150mm TOPSOIL AND SEED

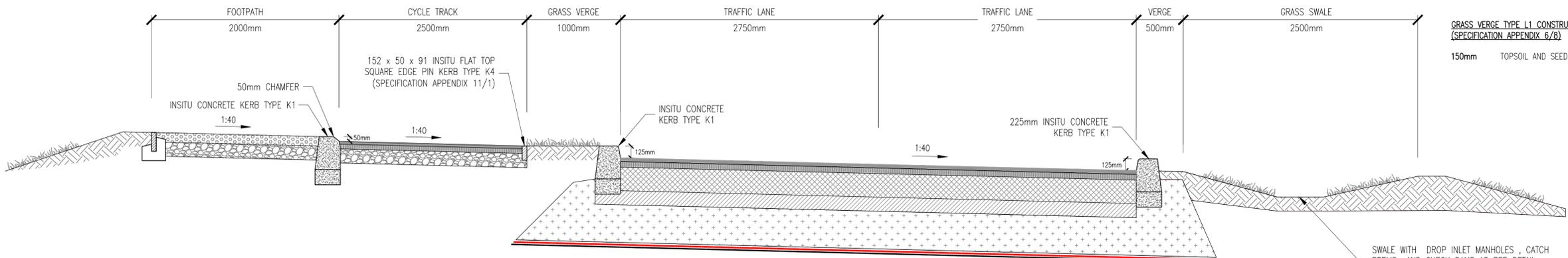
FOOTPATH TYPE F1 CONSTRUCTION (SPECIFICATION APPENDIX 11/1)
 100mm C40/50 CONCRETE TO CLAUSE 1106, XF4. SAW CUT JOINTS AT 3m CENTRES.
 150mm GRANULAR SUB-BASE MATERIAL TYPE B TO CLAUSE 808

CYCLE TRACK (TYPE F4; SPECIFICATION APPENDIX 11/1)
 30mm SURFACE COURSE SMA 10 SURF PMB TO IS EN 13108-5 TO CLAUSE 5.1.3 (TII SPECIFICATION CC-SPW-00900)
 50mm ASPHALT CONCRETE AC 20 DENSE BIN 40/60 REC TO CLAUSE 906 TO CLAUSE 3.1.4 (TII SPECIFICATION CC-SPW-00900)
 150mm GRANULAR SUB-BASE TYPE B TO CLAUSE 808

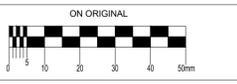
CARRIAGEWAY TYPE P1 CONSTRUCTION (SPECIFICATION APPENDIX 7/1)
 40mm SURFACE COURSE SMA 10 SURF PMB 65/105-60 TO SERIES 900 TII ON
 60mm BINDER COURSE AC20 DENSE BIN TO SERIES 900 TII ON
 120mm BASE COURSE AC32 DENSE BASE TO SERIES 900 TII ON
 150mm GRANULAR SUBBASE TO CLAUSE 808 ON
 400mm CLASS 6F2 CAPPING MATERIAL (BASED ON ASSUMED CBR >2.5%)
 GEOGRID THRACE TG4040S OR SIMILAR APPROVED
 GEOTEXTILE THRACE PB1000/SBNW OR SIMILAR APPROVED

GRASS SWALE
 150mm TOPSOIL AND SEED

GRASS VERGE TYPE L1 CONSTRUCTION (SPECIFICATION APPENDIX 6/8)
 150mm TOPSOIL AND SEED



QUARRY WALK TYPICAL CROSS SECTION SECTION C-C
 SCALE 1:25



© COPYRIGHT OF THIS DRAWING IS RESERVED BY DBFL CONSULTING ENGINEERS. NO PART SHALL BE REPRODUCED OR TRANSMITTED WITHOUT THEIR WRITTEN PERMISSION.
 NO CHANGES OF WHATSOEVER NATURE ARE TO BE MADE TO ANY DETAILS SET OUT OR CONTAINED IN ANY DBFL SPECIFICATIONS OR DRAWINGS UNLESS THE EXPRESS CONSENT HAS BEEN OBTAINED IN ADVANCE, IN WRITING, FROM DBFL.

- NOTES:**
- DENSE BITUMEN MACADAM BINDER COURSE SHALL COMPLY WITH THE REQUIREMENTS OF SERIES 900 OF THE TII SPECIFICATION FOR ROADWORKS. IT SHALL BE LAID & COMPACTED IN ACCORDANCE WITH SERIES 900.
 - SUB-BASE MATERIAL SHALL COMPLY WITH SERIES 800 OF THE TII SPECIFICATION FOR ROADWORKS.
 - SUB FORMATION & CAPPING MATERIAL SHALL COMPLY WITH CLAUSE 613 OF THE NRA'S 'SPECIFICATION FOR ROADWORKS' & SHALL SATISFY THE REQUIREMENTS OF TABLE 6/1 & 6/2.
 - STONE BLINDING WITH 2-6.3mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242
- | BS SIEVE SIZE (mm) | % BY MASS PASSING |
|--------------------|-------------------|
| 14 | 100 |
| 10 | 98-100 |
| 6.3 | 80-99 |
| 2.0 | 0-20 |
| 1.0 | 0-5 |
- CRUSHED STONE WITH 4-20mm AGGREGATE SHALL MEET THE FOLLOWING GRADINGS, IN ACCORDANCE WITH IS EN 13242
- | BS SIEVE SIZE (mm) | % BY MASS PASSING |
|--------------------|-------------------|
| 40 | 100 |
| 31.5 | 98-100 |
| 20 | 90-99 |
| 10 | 25-70 |
| 4 | 0-15 |
| 5 | 0-5 |
- ANY ROADS PROPOSED TO BE USED FOR CONSTRUCTION TRAFFIC ARE TO HAVE INCREASED DEPTH OF SUB-BASE FOR THE DURATION OF CONSTRUCTION IN ACCORDANCE WITH DBFL SPECIFICATIONS.
 - ALL PUBLIC LIGHTING/TAKING IN CHARGE WORKS SHALL BE COMPLETED IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY.
 - ALL PERMEABLE PAVING SUB-FORMATION TO BE LAID TOWARD DRAINAGE PIPEWORK.

0	2011/2023	ISSUED FOR PLANNING	KMM	JPC
rev	date	description	by	chkd.
STATUS CODES				
purpose	acceptance			
P3 - PLANNING PERMISSION	S - ISSUED			

DBFL Consulting Engineers
 Civil, Structural & Transportation Engineering
 www.dbfl.ie

DUBLIN OFFICE: Ormond House, Upper Ormond Quay, Dublin 7, D07 W704
 PHONE: +353 1 453 4000

CORK OFFICE: 14 South Mall, Cork, T12 CT91
 PHONE: +353 21 2024538

WATERFORD OFFICE: Sun-By-The-Arbut, Maritime Gate, Canada Street, Waterford, X91 W028
 PHONE: +353 51 309 500

project ref.

CIVIC OFFICES

drawing title

CONSTRUCTION DETAILS - SHEET 1

client

MONAGHAN COUNTY COUNCIL

designed by	author	scale	sheet size
KM	RC	1:25	A1
drawing no.	revision		
220084-RY-04-Z00-XXX-DR-DBFL-CE-5201	0		