

## 6) Traffic and Road Accidents

Table 6.1 shows the 1999 AADT traffic flows for the following National Roads in the study area (north and south):

N9	Waterford to Kilcullen
N10	Ballyhale – Kilkenny – Paulstown
N76	Callan to Kilkenny
N77	Kilkenny to Durrow
N78	Kilkenny (junction with N77) – Athy – Kilcullen
N80	Ballon to Stradbally

Data has also been obtained from the NRA National Accident database for the four years 1996 to 1999 inclusive. The results are shown diagrammatically on Figures 6 to 8 (Drawings 00229/19 to 00229/21) for the following categories of accident:

- fatal;
- serious injury;
- injury.

**Table 6.1 – Daily Traffic Flows (1999 AADT)**

ROAD SECTION	LOCAL AUTHORITY	SECTN LENTH MILES	MILES UP TO THIS	DESCRIPTION OF STARTING POINT OF THE SECTION	ESTIMATE 1999 AADT	% HCV	A G E
ROUTE N 9							
WATERFORD - THOMASTOWN - CARLOW - JN N7 GREATCONNELL							
START OF ROUTE IN WATERFORD							
1A	*WATBO	0.36	0.00	JN @ RLY STATN.MEET N25	13913	16%	3
1B	*KILKN	0.62	0.36	CO/CITY BOUNDARY	15170	14%	
END WATERFORD							
2/1	KILKN	0.60	0.98	END SL N OF WATERFORD	16241	16%	3
3/1	KILKN	6.41	1.58	YJN WITH N24	7105	15%	
ENTER MULLINAVAT							
4/1	*KILKN	7.80	7.99	YJN LHS	5431	20%	2
END MULLINAVAT							
5/1	KILKN	4.54	15.79	JN WITH N10 S OF KTOPHER	3662	14%	1
ENTER THOMASTOWN							
6/1	*KILKN	0.41	20.33	30 SL W OF THOMASTOWN	5094	12%	2
7/1A	*KILKN	0.31	20.74	TJN TO KILKENNY WITH T20	4061	13%	2
END THOMASTOWN							
8/1A	KILKN	8.25	21.05	30 SL E OF THOMASTOWN	3221	15%	2
9/1A	KILKN	4.09	29.30	30 SL NE OF GOWRAN	2879	13%	
10/1	KILKN	2.18	33.39	JN N10 FROM KILKENNY	9264	15%	
11/1A	CARLO	2.55	35.57	TJN TO MUINEBEAG L33	8943	18%	
12/1	CARLO	6.70	38.12	JN R705 TO LEIGHLINBR	11419	16%	
ENTER CARLOW							
13/1	*CARLO	0.99	44.82	40 SL S OF CARLOW	11951	16%	
14/1	*CARLO	1.11	45.81	JN WITH N80 & TULLOW ST	10547	20%	
END CARLOW							
15/1A	CARLO	5.54	46.92	END SL N CARLOW	10378	20%	2
ENTER CASTLEDERMOT							
16/1	*KILDA	5.79	52.46	YJN RHS	9140	21%	
END CASTLEDERMOT							
17/1	KILDA	2.45	58.25	TJN RHS	10183	19%	1
18/1	KILDA	7.58	60.70	CROOKSTOWN R416 TO KILD	9581	21%	1
19/1	KILDA	4.12	68.28	DI N78 ATHY & KILCULLEN	9540	22%	
END OF ROUTE : INTERCH M7 NEAR LEWISTWN							
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ROAD	LOCAL	SECTN	MILES	DESCRIPTION OF	ESTIMATE	A
SEC-	AUTH-	LENTH	UP TO	STARTING POINT	1999 %	G
TION	ORITY	MILES	THIS	OF THE SECTION	AADT HCV	E

ROUTE N 10

BALLYHALE - KILKENNY - PAULSTOWN

START OF ROUTE : ROUTE STARTS JN WITH N9

1/1	KILKN	4.56	0.00	Y JN RHS N9	3122	20%	
2/1	KILKN	7.60	4.56	ST 40 SL S STONYFORD	4441	15%	1
ENTER KILKENNY BYPASS							
3/	*KILKU	0.91	12.16	RO @ SMITHSLAND,END N76	11377	14%	2
4/	*KILKU	0.35	13.07	RO @ GALLOWSHILL (T20)	12759	15%	2
END KILKENNY BYPASS							
5/1A	KILKN	4.16	13.42	RO @ DUBLIN RD,MEET N77	10073	15%	1
6/1A	KILKN	5.40	17.58	Y JN RHS TO GOWRAN R702	6603	20%	1
ENTER PAULSTOWN							
END OF ROUTE : ROUTE ENDS AT JN WITH N9							
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ROAD	LOCAL	SECTN	MILES	DESCRIPTION OF	ESTIMATE	A
SEC-	AUTH-	LENTH	UP TO	STARTING POINT	1999 %	G
TION	ORITY	MILES	THIS	OF THE SECTION	AADT HCV	E

ROUTE N 76 (Part of Route)

CALLAN - KILKENNY

ENTER CALLAN

6/1	*KILKN	0.35	17.17	T JN RHS CARRICK ON SUIR	6005	17%	2
7/1	*KILKN	3.40	17.52	CR WATERFORD L111	5231	19%	2
END CALLAN							
8/1	KILKN	5.69	20.92	BALLYMACK CROSSROADS	5652	16%	1
ENTER KILKENNY BYPASS							
9/	*KILKU	0.70	26.61	RO @ WETLAND ENTER BYPAS	7848	14%	2
END OF ROUTE : RO HITH N10 @ SMITHSLAND							

ROAD	LOCAL	SECTN	MILES	DESCRIPTION OF	ESTIMATE	A
SEC-	AUTH-	LENTH	UP TO	STARTING POINT	1999 %	G
TION	ORITY	MILES	THIS	OF THE SECTION	AADT HCV	E

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ROUTE N 77

KILKENNY - DURROW

START OF ROUTE IN KILKENNY

1A \*KILKU 0.90 0.00 RO WITH N10 ON DUBLIN RD17771 10% 2

END KILKENNY

1B KILKU 1.14 0.90 JN JOHN ST/DUBLIN RD 14363 11% 1

2/1 KILKN 2.67 2.04 END 40 SL N KILKENNY 8211 16% 2

3/1 KILKN 6.83 4.71 JN WITH N78 3479 23%

ENTER BALLYRAGGET

4/1 \*KILKN 0.34 11.54 T JN RHS BALLINAKILL T14 4552 22% 4

END BALLYRAGGET

5/1A KILKN 4.99 11.88 T JN TO FRESHFORD L110 3097 19% 1

ENTER DURROW

END OF ROUTE : ROUTE ENDS AT JN WITH N8

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ROAD	LOCAL	SECTN	MILES	DESCRIPTION OF	ESTIMATE	A
SEC-	AUTH-	LENTH	UP TO	STARTING POINT	1999 %	G
TION	ORITY	MILES	THIS	OF THE SECTION	AADT HCV	E

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ROUTE N 78

KILKENNY(JN WITH N77) - ATHY - KILCULLEN

START OF ROUTE : ROUTE STARTS JN WITH N77

1/1 KILKN 7.36 0.00 JN TO BALLYRAGGET N77 4169 12%

ENTER CASTLECOMER

2/1 \*KILKN 0.54 7.36 ST 40 SL S CASTLECOMER 3660 17% 3

3/1 \*KILKN 0.29 7.90 JN TO BALLYRAGGET L110 4523 10% 1

END CASTLECOMER

4/1 KILKN 4.08 8.19 END 30 SL NE CASTLECOMER 3294 13% 1

5/1 LAOIS 1.75 12.27 Y JN CARLOW L110 1290 15% 4

6/1A LAOIS 5.64 14.02 COMPLEX JN L31 1917 19%

7/1 LAOIS 0.03 19.66 T JN RHS CARLOW N80 2076 12% 1

8/1 LAOIS 4.86 19.69 T JN LHS ABBEYLEIX N80 2935 13%

ENTER ATHY

9/1 \*KILDA 0.70 24.55 ST 30 SL SW ATHY 4563 11% 2

10/1 \*KILDA 0.61 25.25 CR WITH L18 CARLOW 9926 11% 1

END ATHY

11/1A KILDA 5.35 25.86 END 40 SL NE ATHY 5138 13% 1

12/1A KILDA 5.73 31.21 T JN LHS KILDARE L180 4581 15%

13/1 KILDA 2.11 36.94 Y JN RHS TO CALVERSTOWN 5333 12%

END OF ROUTE : ROUTE ENDS JN WITH M9

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ROAD LOCAL	SECTN	MILES	DESCRIPTION OF	ESTIMATE	A
SEC- AUTH- LENTH	UP TO	STARTING POINT	1999 %	G	
TION ORITY MILES	THIS	OF THE SECTION	AADT HCV	E	

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ROUTE N 80 (Part of Route)

ENTER CARLOW

7/1 *CARLO	0.68	27.25	JN TO TULLOW L31	10628	12%	2
8/1 *CARLO	0.62	27.93	ST 30 SL SE CARLOW	9259	11%	
8/4 *CARLO	0.00	28.55	ROUTE FOLLOWS N9-13/3	0	11%	
8/5 *CARLO	0.26	28.55	JN N9 & KENNEDY AV	9259	11%	
9/1 *CARLO	0.69	28.81	JN KENEDY AV & KENEDY ST	10603	7%	

END CARLOW

10/1 LAOIS	8.30	29.50	END 30 SL NW CARLOW	2349	12%	
12/1A LAOIS	6.93	37.80	JN WITH N78	2678	13%	1

ENTER STRADBALLY

13/1 *LAOIS	5.26	44.73	JN TO ATHY L109	4861	13%	2
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END STRADBALLY

**Source:** National Roads and Traffic Flow 1999, RT 580, NRA