

**ANGUS COUNCIL**

**COMMUNITIES COMMITTEE – 18 APRIL 2023**

**WARDDYKES PRIMARY SCHOOL, ARBROATH – TRAFFIC CALMING**

**REPORT BY GRAEME DAILLY, DIRECTOR OF INFRASTRUCTURE AND ENVIRONMENT**

**ABSTRACT**

This report informs members of the concerns received regarding road safety in the vicinity of Warddykes Primary School, Brechin Road, Arbroath and seeks authority to undertake formal consultation on the proposal to install traffic calming measures.

**1. RECOMMENDATIONS**

It is recommended that the Committee:

- (i) notes the road safety concerns received, particularly in the vicinity of Warddykes Primary School, Brechin Road, Arbroath;
- (ii) approves in principle to the introduction of proposed traffic calming measures;
- (iii) instructs the Director of Infrastructure and Environment to undertake consultation on the above proposal; and
- (iv) notes that a further report will be brought forward to this committee following completion of the proposed consultation.

**2. ALIGNMENT TO THE COUNCIL PLAN**

This report aligns with the Council Plan 20223-20285 priorities as follows:

Caring for our Place – Enable inclusive, empowered, resilient and safe communities across Angus.

**3. BACKGROUND**

- 3.1 Last year concerns were raised by a local elected member from the Arbroath East and Lunan ward regarding the speed of vehicles travelling along Brechin Road, parking issues and visibility issues, particularly in the vicinity of Warddykes Primary School.
- 3.2 The dropped kerb crossing point outside the school was relocated, additional school keep clear markings were installed and traffic islands were introduced to try and resolve the speeding, parking, and visibility issues.
- 3.3 Officers from Police Scotland's Roads Policing Unit have visited the location and taken targeted enforcement action at the school start and finish times.
- 3.4 Further concerns have been raised since the installation of the traffic islands, by the local elected member, regarding the speed of vehicles travelling past the school, particularly at the school start and finish times.

## 4. DETAILS

- 4.1 A 'black box' radar speed survey was carried out on Brechin Road in the vicinity of Warddykes P.S. between 23 November 2022 and 30 November 2022. The results from this survey show that the average speed of eastbound vehicles was 27.3mph and the 85<sup>th</sup> percentile speed of vehicles was 33.5mph (the speed at or below which 85% of vehicles were travelling) (see **Appendix A**). The radar recorder was located within the part-time 20mph speed limit outside the school and an analysis of the results from the survey confirm that there was no discernible reduction in speed during the operation of the 20mph speed limit.
- 4.2 The issue was raised at a meeting of the Angus Area Traffic Co-ordination Group and the Group agreed that the introduction of additional traffic calming measure outside the school on the approaches to the school crossing patrol location was appropriate.
- 4.3 Following the Traffic Co-ordination Group meeting a number of options were considered to reduce the speed of traffic on the approaches to the school crossing patrol location.
- 4.4 The preferred option is to install 2 sets of 75mm high speed cushions on Brechin Road (see **Appendix B**). It is envisaged that the proposed speed cushions will reduce the speed of approaching traffic at an area where pedestrians are crossing the carriageway to and from the school.

## 5. PROPOSALS

- 5.1 It is recommended that a formal consultation should be carried out, on the proposal to install traffic calming measures (as detailed in Appendix B), involving the consultees listed in **Appendix C**. The outcomes of such consultation would be subject to a future report to this committee.

## 6. FINANCIAL IMPLICATIONS

- 6.1 At this stage there are no financial implications arising from this report other than the costs with the consultation which can be contained within the Roads Revenue Budget for 2023/24. Any financial implications associated with any proposed measures will be detailed in a future report to this committee following the consultation exercise.

## 7. EQUALITY IMPACT ASSESSMENT

- 7.1 An Equality Impact Assessment has been completed for this Report and is attached as **Appendix E**.
- 7.2 The Assessment concludes that there are either neutral or positive impacts on protected characteristic groups for the proposals contained in this report.

## 8. CONSULTATION

- 8.1 The Chief Executive, Depute Chief Executive, Director of Finance, Director of Legal and Democratic Services, Director of Education & Lifelong Learning and the local Police Commander for Tayside Division have been consulted in the preparation of this report.

**NOTE:** No background papers, as detailed by Section 50D of the Local Government (Scotland) Act 1973 (other than any containing confidential or exempt information) were relied on to a material extent in preparing the above report.

**REPORT AUTHOR: Graeme Dailly, Director of Infrastructure**  
**EMAIL DETAILS: [Communities@angus.gov.uk](mailto:Communities@angus.gov.uk)**

List of Appendices: Appendix A – Traffic Survey Speed Data  
Appendix B – Traffic Calming General Layout  
Appendix C – Proposed List of Consultees  
Appendix D – Consultation Location Plan  
Appendix E – Equality Impact Assessment

(BB) Arbroath: Brechin Road opp. Warrydikes Primary

Site Number: 23112204

From 23/11/2022 To 01/12/2022

Site Reference: 23112204

Speed Summary (All Days) Report

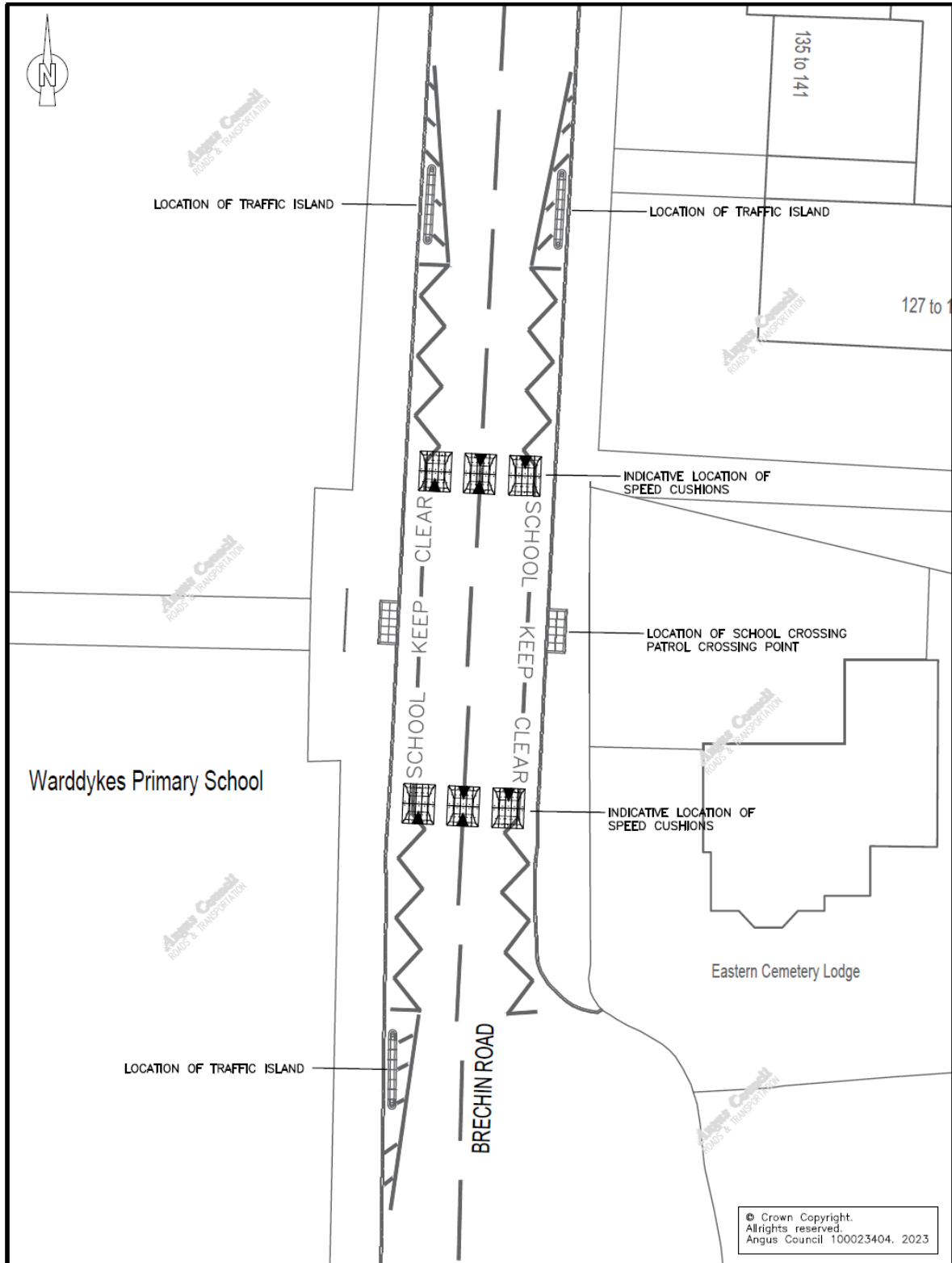
No Filters Applied

All Channels

	Total Volume	Mean Average	Standard Deviation	5th Percentile	15th Percentile	25th Percentile	50th Percentile	75th Percentile	85th Percentile	95th Percentile	Speed Limit +0 Mph	Speed Limit +5%	Speed Limit +10%	Speed Limit +15%
00:00	12.0	30.1	6.4	14.6	21.9	25.3	29.2	33.8	36.0	37.3	44.5	36.3	28.1	21.0
01:00	7.0	30.6	5.9								44.1	30.6	17.1	7.6
02:00	5.0	33.1	6.2								62.9	54.3	45.7	37.1
03:00	5.1	30.1	5.6								44.4	36.1	27.8	20.3
04:00	5.1	32.8	5.5								55.6	47.2	38.9	31.4
05:00	12.1	30.4	7.0	6.9	22.3	25.9	29.8	33.9	36.1	39.4	46.8	37.6	28.5	20.9
06:00	30.9	28.7	6.5	13.0	21.6	25.5	28.8	32.8	34.6	38.1	36.6	28.2	19.9	13.1
07:00	79.9	28.9	4.9	20.4	23.6	25.7	28.8	32.4	34.0	37.1	34.6	25.1	15.6	8.4
08:00	132.7	24.7	6.8	12.1	16.8	20.0	25.2	29.3	31.8	34.7	18.0	12.9	7.8	4.1
09:00	150.6	26.0	6.2	14.0	19.2	21.8	26.5	29.9	32.3	34.8	20.9	14.7	8.6	4.1
10:00	136.7	28.2	4.9	20.1	22.7	25.1	28.1	31.6	33.4	36.1	28.5	20.3	12.1	6.1
11:00	147.1	28.4	4.9	20.4	23.2	25.4	28.2	31.7	33.5	36.7	29.0	20.9	12.9	6.8
12:00	187.3	27.9	5.6	17.5	22.1	24.7	28.0	31.7	33.7	37.2	29.1	21.4	13.6	7.7
13:00	190.3	27.6	5.3	17.8	21.7	24.1	27.8	31.5	33.3	35.7	27.8	19.7	11.5	5.5
14:00	186.9	27.4	5.2	18.2	21.6	23.6	27.4	31.0	33.1	35.8	25.1	18.0	10.9	5.6
15:00	214.4	24.2	6.8	11.9	16.6	20.0	24.4	28.8	31.1	34.6	15.5	11.2	6.9	3.8
16:00	189.1	27.6	5.0	20.1	22.3	24.6	27.6	30.7	32.8	34.8	23.9	16.8	9.8	4.7
17:00	176.9	28.0	5.1	20.1	22.7	25.1	28.0	31.4	33.3	35.9	27.2	19.3	11.5	5.8
18:00	143.3	28.6	5.2	20.5	23.2	25.4	28.5	32.1	33.8	37.2	31.9	23.2	14.4	7.9
19:00	112.9	27.9	6.3	15.4	21.0	25.0	28.2	32.1	33.9	37.7	31.4	23.2	14.9	8.6
20:00	76.1	29.3	5.9	19.8	23.8	25.9	29.0	33.0	34.8	38.8	36.9	28.6	20.3	13.6
21:00	64.3	29.1	7.3	13.5	22.6	25.8	29.1	33.1	34.8	39.4	38.1	29.2	20.4	13.5
22:00	69.3	22.1	8.6	10.8	12.7	14.6	19.4	29.0	32.3	37.2	19.5	15.3	11.1	7.7
23:00	31.0	26.2	10.2	10.8	13.0	15.5	27.0	33.6	36.8	41.3	37.1	31.1	25.2	19.9
Total														
12H(7-19)	1935.1	27.2	5.8	16.4	21.3	23.6	27.4	31.1	33.2	36.1	25.4	18.2	11.0	5.7
16H(6-22)	2219.3	27.4	5.9	16.4	21.4	23.8	27.6	31.3	33.4	36.7	26.6	19.3	11.9	6.5
18H(6-24)	2319.6	27.2	6.1	15.6	21.0	23.5	27.5	31.3	33.4	36.9	26.5	19.3	12.1	6.7
24H(0-24)	2366.0	27.3	6.1	15.6	21.0	23.6	27.6	31.4	33.5	37.1	27.0	19.7	12.4	7.0
AM Peak	09:00 150.6	02:00 33.1	05:00 7.0	07:00 20.4	07:00 23.6	05:00 25.9	05:00 29.8	05:00 33.9	05:00 36.1	05:00 39.4	02:00 62.9	02:00 54.3	02:00 45.7	02:00 37.1
PM Peak	15:00 214.4	20:00 29.3	23:00 10.2	18:00 20.5	20:00 23.8	20:00 25.9	21:00 29.1	23:00 33.6	23:00 36.8	23:00 41.3	21:00 38.1	23:00 31.1	23:00 25.2	23:00 19.9

Local Events Included & Include All Globals

Printed at: 11:21 on 07 February 2023



© Crown Copyright.  
Allrights reserved.  
Angus Council 100023404. 2023

Drawing Size: <b>A4</b>	Plotting Scale: <b>1=1</b>	Status: <b>Final</b>	 <b>Angus Council</b> TECHNICAL & PROPERTY SERVICES Engineer-Head of Tech & Property Services	Drawing Title: <b>GENERAL SITE LAYOUT</b>		
Drawn by: <b>AS</b>	Checked By:	Approved By:		Project Title: <b>WARDDYKES PS, ARBROATH TRAFFIC CALMING</b>		
Date: <b>07/02/23</b>	Date:	Date:	TRAFFIC Section County Buildings Market Street Forfar DD8 3WR Tel: 01307 461460 Fax: 01307 473388	Project No: <b>105040000</b>	Drawing No: <b>APPENDIX B</b>	Revision: <b>-</b>
Issue: <b>INFORMATION</b>			Path & Filename: S:\Traffic\Traffic Management\Projects 2022-23\Feasibility\AS\Warddykes PS - Speed Cushions\Drawings\WPS_BR_A02.dwg			

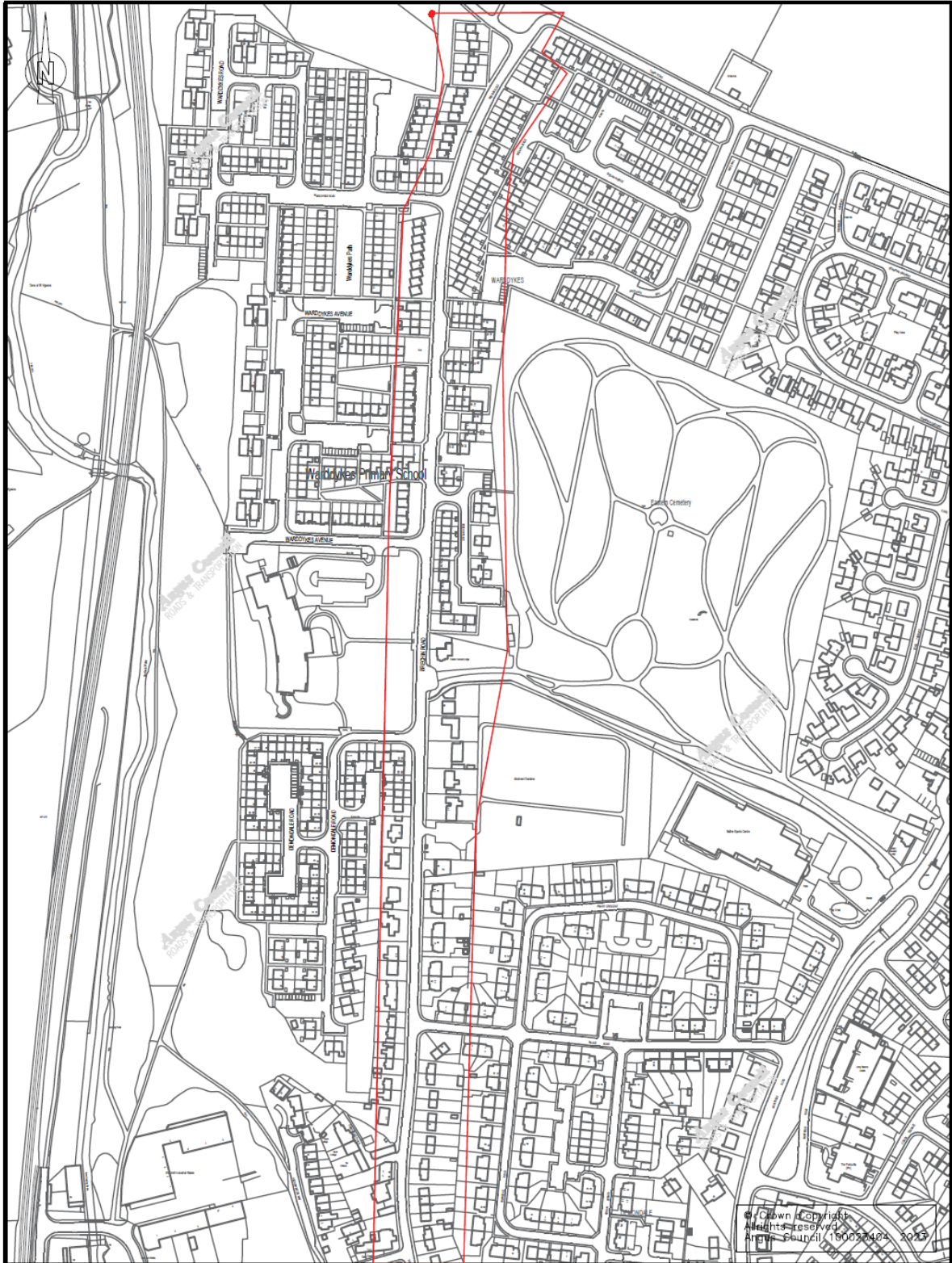
**PROPOSED LIST OF CONSULTEES**

1. Local Ward members for the Arbroath East & Lunan area
2. Arbroath Community Council
3. The local Divisional Police Commander for Tayside
4. The Fire & Rescue Area Manager
5. The Regional Officer for the Ambulance service
6. Director of Education & Lifelong Learning
7. Service Leader, Environmental and Consumer Protection
8. Angus Access Panel
9. Forfarshire Society for The Blind

Additionally, each resident within the area indicated on the attached plan (see Appendix D) will be provided with an individual copy of the consultation pack.

It is envisaged that the consultation will be included on the Angus Council website and that consultation packs will be made available at the Arbroath Access Office for the general public who wish to comment on the proposed option. Completed questionnaires can be completed online, handed into the Arbroath Access Office or posted to the Traffic Manager, Angus Council, Angus House, Silvie Way, Forfar DD8 1AN.

A press release will be issued informing the public of the consultation period.



Drawing Size: <b>A4</b>	Plotting Scale: <b>1=1</b>	Status: <b>Final</b>	 <p><b>Angus Council</b> TECHNICAL &amp; PROPERTY SERVICES Engineer-Head of Tech &amp; Property Services</p>	Drawing Title: <b>PUBLIC CONSULTATION LOCATION PLAN</b>		
Drawn by: <b>AS</b>	Checked By:	Approved By:		Project Title: <b>WARDDYKES PS, ARBROATH TRAFFIC CALMING</b>		
Date: <b>07/02/23</b>	Date:	Date:	TRAFFIC Section County Buildings Market Street Forfar DD8 3WR Tel: 01307 461460 Fax: 01307 473388	Project No: <b>105040000</b>	Drawing No: <b>APPENDIX D</b>	Revision: <b>-</b>
Issue: <b>INFORMATION</b>			Path & Filename: S:\Traffic\Traffic Management\Projects 2022-23\Feasibility VAS\Warddykes PS - Speed Cushions\Drawings\WPS_BP_2022.dwg			



## Equality Impact/Fairer Scotland Duty Assessment Form

### Step 1

**Name of Proposal** (includes e. g. budget savings, committee reports, strategies, policies, procedures, service reviews, functions): **WARDYKES PRIMARY SCHOOL, ARBROATH – TRAFFIC CALMING**

### Step 2

Is this only a **screening** Equality Impact Assessment

~~Yes~~/No

**(A)** If Yes, please choose from the following options **all** reasons why a full EIA/FSD is not required:

- |   |        |
|---|--------|
| (i) It does not impact on people                                  | Yes/No |
| (ii) It is for information only                                   | Yes/No |
| (iii) It is reflective e.g. of budget spend over a financial year | Yes/No |
| (iv) It is technical  | Yes/No |

If you have answered yes to any of points above, please go to **Step 16**, and sign off the Assessment.

**(B)** If you have answered No to the above, please indicate the following:

Is this a full Equality Impact Assessment

**Yes/No**

Is this a Fairer Scotland Duty Assessment

~~Yes~~/No

If you have answered Yes to either or both of the above, continue with Step 3.

If your proposal is a **strategy**, please ensure you complete Step 13 which is the Fairer Scotland Duty Assessment.

### Step 3

(i) Lead Directorate/Service: **Infrastructure/Roads & Transportation**

(ii) Are there any **relevant** statutory requirements affecting this proposal? If so, please describe.

**No.**



(iii)What is the aim of the proposal? Please give full details.

- **To reduce traffic speed and improve road safety in the vicinity of Warddykes PS, Arbroath.**

(iv)Is it a new proposal? **Yes/No** Please indicate **OR**

Is it a review of e.g. an existing budget saving, report, strategy, policy, service review, procedure or function? **Yes/No** Please indicate

#### **Step 4: Which people does your proposal involve or have consequences for?**

Please indicate all which apply:

Employees **Yes/No**

Job Applicants **Yes/No**

Service users **Yes/No**

Members of the public **Yes/No**

#### **Step 5: List the evidence/data/research that has been used in this assessment (links to data sources, information etc which you may find useful are in the Guidance). This could include:**

**Internal data** (e.g. customer satisfaction surveys; equality monitoring data; customer complaints).

**Speed survey data taken from speed survey carried out between 223/11/2022 and 30/11/2022 on Brechin Road, Arbroath within the vicinity of Warddykes PS.**

**Internal consultation** (e.g. with staff, trade unions and any other services affected).

**Not applicable.**

**External data** (e.g. Census, equality reports, equality evidence finder, performance reports, research, available statistics)

**Not applicable.**

**External consultation** (e.g. partner organisations, national organisations, community groups, other councils).

**Not applicable.**

**Other** (general information as appropriate).

**Not applicable.**



## Step 6: Evidence Gaps.

Are there any gaps in the equality information you currently hold?  Yes/ No

If yes, please state what they are, and what measures you will take to obtain the evidence you need.

**Step 7: Are there potential differential impacts on protected characteristic groups?** Please complete for each group, including details of the potential impact on those affected. Please remember to take into account any particular impact resulting from **Covid-19**.

**No.**

**Please state if there is a potentially positive, negative, neutral or unknown impact for each group. Please state the reason(s) why.**

**The Active Travel network is open to all to use, and access does not depend on any protected characteristic.**

Age

**Impact: Neutral or positive impact on people of all ages, but particularly young and old being able to drive, walk and cycle in a safer road environment.**

Disability

**Impact: Neutral or positive impact on people of all ages, but particularly young and old being able to drive, walk and cycle in a safer road environment.**

Gender reassignment

**Impact: Neutral..**

Marriage and Civil Partnership

**Impact: Neutral.**

Pregnancy/Maternity

**Impact: Neutral or positive impact on people with this protected characteristic being able to drive, walk and cycle in a safer road environment.**

Race - (includes Gypsy Travellers)

**Impact: Neutral.**

Religion or Belief

**Impact: Neutral.**

Sex

**Impact: Neutral.**

Sexual orientation

**Impact: Neutral.**

**Step 8: Consultation with any of the groups potentially affected**

If you have consulted with any group potentially affected, please give details of how this was done and what the results were.

**Neutral or positive impact, hence no consultation undertaken.**

If you have not consulted with any group potentially affected, how have you ensured that you can make an informed decision about mitigating action of any negative impact (Step 9)?

**Not applicable.**

**Step 9: What mitigating steps will be taken to remove or reduce potentially negative impacts?**

**Not applicable.**

**Step 10: If a potentially negative impact has been identified, please state below the justification.**

**Not applicable.**

**Step 11: In what way does this proposal contribute to any or all of the public sector equality duty to: eliminate unlawful discrimination; advance equality of opportunity; and foster good relations between people of different protected characteristics?**

**The proposal identifies the positive impact in being able to drive, walk and cycle in a safer road environment.**

**Step 12: Is there any action which could be taken to advance equalities in relation to this proposal?**

**No actions to be taken.**

**Step 13: FAIRER SCOTLAND DUTY – NOT APPLICABLE**

This step is only applicable to **strategies** which are key, high level decisions. If your proposal is **not** a strategy, please leave this Step blank, and go to Step 14.

Links to data sources, information etc which you may find useful are in the Guidance.

**Step 13(A) What evidence do you have about any socio-economic disadvantage/inequalities of outcome in relation to this strategic issue?**

**Step 13(B) Please state if there are any gaps in socio-economic evidence for this strategy and how you will take measures to gather the evidence you need.**

**Step 13(C) Are there any potential impacts this strategy may have specifically on the undernoted groupings?** Please remember to take into account any particular impact resulting from **Covid-19**.

**Please state if there is a potentially positive, negative, neutral or unknown impact for each grouping.**

**Low and/or No Wealth** (e.g. those with enough money to meet basic living costs and pay bills but have no savings to deal with any unexpected spends and no provision for the future.

**Material Deprivation** (i.e. those unable to access basic goods and services e.g. repair/replace broken electrical goods, warm home, leisure and hobbies).

**Area Deprivation** (i.e. where people live (e.g. rural areas), or where they work (e.g. accessibility of transport).

**Socio-economic Background** i.e. social class including parents' education, people's employment and income.

**Other** – please indicate

**Step 13(D) Please state below if there are measures which could be taken to reduce socio-economic disadvantage/inequalities of outcome.**

**Step 14: What arrangements will be put in place to monitor and review the Equality Impact/Fairer Scotland Duty Assessment?**

**As noted in Step 13(B), the importance of monitoring and evaluating outcomes from the Strategy, Action Plan and deliverables do need to be strengthened.**

**Step 15: Where will this Equality Impact/Fairer Scotland Duty Assessment be published?**

**With the published report to council committee.**

**Step 16: Sign off and Authorisation.** Please state name, post, and date for each:

Prepared by: **Andrea Strachan, Traffic Engineer – Traffic & Transportation, 20 March 2023**

Reviewed by: **Craig Hudson, Traffic & Transport Manager, 20 March 2023**

Approved by: **Graeme Dailly, Director of Infrastructure, 20 March 2023**

NB. There are several worked examples of separate EIA and FSD Assessments in the Guidance which may be of use to you.

---