

Central Bedfordshire Council

TRAFFIC MANAGEMENT MEETING

26 MARCH 2019

West Street, Dunstable

Report of: Paul Mason, Assistant Director, Highways
(Paul.Mason@centralbedfordshire.gov.uk)

Responsible Officer(s): Charlotte Dunham, Senior Highways Officer, Highways
(Charlotte.Dunham3@centralbedfordshire.gov.uk)

Purpose of this report

To report on the recent statutory consultation to install a raised feature in West St Dunstable, at the junction with Princes Street and Icknield Street.

RECOMMENDATIONS

The Traffic Management Meeting is asked to:

1. **Approve that the proposal is implemented as published to address a site that has a documented history.**

Overview and Scrutiny Comments/Recommendations

1. This is not due to feature at overview and scrutiny.

Issues

Background Information

2. As part of the Annual Plan for Integrated Transport it was identified that there was a history of collisions at the crossroads in West Street, Dunstable where both Ickniel Street and Princes Street meet and that an intervention was required.
3. This location was highlighted as part of the cluster analysis, the annual review of accident data which is currently available (2012 – 2017). Over this period there has been four serious and four slight accidents at this location for which the Police have attended and documented the collisions.
4. Road Engineers reviewed the site and accident data and put forward solutions to improve safety at this junction. One being the reversal of the one-way system in Burr Street.
5. An informal consultation was carried to gauge opinion on the reversal of the one-way system in Burr Street and taken to traffic management in September 2018. The proposals were dropped, with a new solution to be proposed.

Speed Data

6. ATC data was collected at the site to establish vehicle speeds, this showed mean speeds to be below 22pmh in both directions and the 85%ile to be 26.6 and 26.2mph. A copy of the speed data is provided in Appendix B.

Scheme Proposals

7. Upon Engineers re-reviewing the site, speed and accident data, the new scheme put forward is to install a raised table at the junction of West Street/Princes Street and Ickniel Street along with a central island and a review of the keep clear markings. A copy of the drawing is provided in Appendix D.

Statutory Consultation

8. Statutory consultation took place in November 2018 with the Police and other emergency services, Public Notices were also displayed on site and residents directly affected were also informed. The Public Notice is provided in Appendix

Representations

9. Bedfordshire Police did not object to the proposals.
10. Two representations were received in regard to the element subject to Statutory Consultation (75mm raised junction).

Options for consideration

11. Concerns raised as a result to the proposals were the following:

- I. Features of this sort cause noise and vibrations to neighboring properties.
- II. The feature will cause harsh braking and acceleration and some drivers may not slow at all.
- III. The traffic is free flowing, why prevent this.

Reason/s for decision

12. Officers response to the comments are as follows:

- I. Raised traffic calming features inevitably create some noise and disruption to adjacent residents, but this is likely to be negligible. Here traffic speeds are low and so there will be a reduction in overall noise levels. The type of feature has been selected to minimise the potential for any significant noise disturbance. The proposed feature is designed to guidance issued by the DfT, contained in Local Transport Note 1/07, with the proposed height being within the guidelines.
- II. ATC data taken from close to the proposed location of the feature demonstrates there is good speed compliance with the existing 30mph limit. And so, it is expected the negotiation of the feature will be smooth.
- III. The scheme is proposed to address a collision history at the junction and is proposed in conjunction with other alterations to improve safety.

Reason for urgency

13. The scheme is to address a documented collision history at the site in question and a solution put forward to reduce risk and collisions occurring.

Council Priorities

14. The proposals meet LTP Objective J; reduce the number of people being killed or seriously injured.

Corporate Implications

15. None

Legal Implications

16. None.

Financial and Risk Implications

17. The costs will be funded from the Capital Works budget and a target cost is to be agreed however expected costs are to be £30,000.

Equalities Implications

18. Those living in the vicinity of the proposals were consulted and as per statutory consultation Notices were displayed on site and in local press, where all are welcome to submit comments.

Conclusion and next Steps

19. The proposed raised table at the junction of West St/Princes St and Icknield St are to be constructed to address a collision site.

20. Should the proposal be approved; a Target Cost is to be established before construction on site in 2019/20.

Appendices

Appendix A: Accident Data

Appendix B: Speed Counts

Appendix C: Public Notice

Appendix D: Scheme Drawing

Appendix E: Police Response

Appendix F: Representations

Report Author:

Charlotte Dunham – Senior Highways Officer, Highways

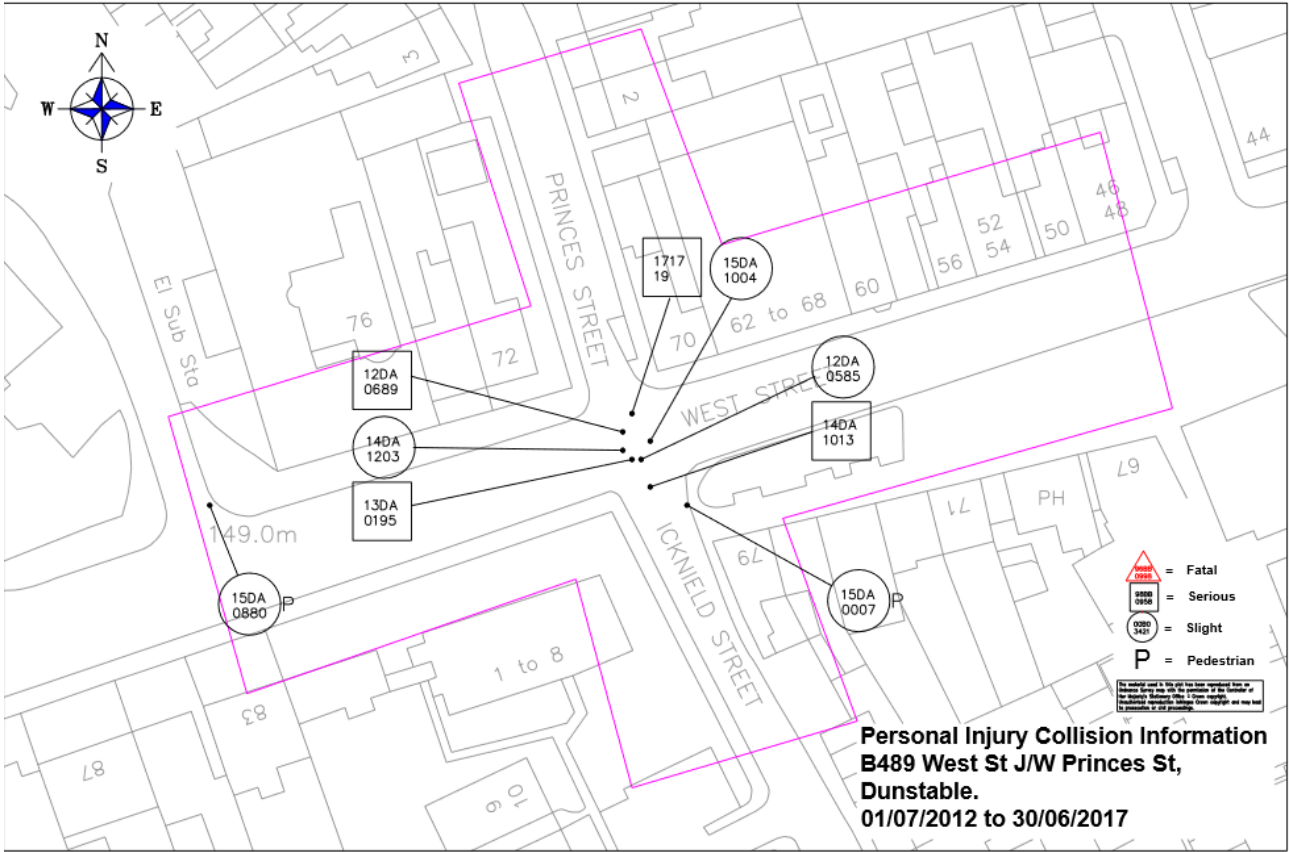
Charlotte.Dunham3@centralbedfordshire.gov.uk

Appendix A

B489 West St J/W Princes St, Dunstable - 01/07/2012 to
30/06/2017
Accident Date BETWEEN '01-Jul-2012' AND '30-Jun-2017'

No.	Area L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street				
1	E06000056	15DA0880	Slight	Tuesday	20/10/2015	11:10	501579/221744						
Location: B489 WEST STREET at ST. MARYS CHURCH CAR PARK EXIT, 45 metres west of Unclassified Road PRINCESS STREET, DUNSTABLE, Bedfordshire 1st Rd: B489 2nd Rd: U													
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard				
30MPH	Single c'way	Priv Give	Daylight	Fine	Dry	None	Pelican	None	None				
Veh	Vehicle type	Towing	Manoeuvr	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B/
1	Car	No	Reversing	S N	Footway	Mid junction	No	None		None	Female	40 N	
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil			
1	1	Pedestrian	Female	27	Slight	No	West	Unknown	Unknown or o				
Description: V1 EXITING CAR PARK TO ENTER MAIN ROAD, WHILST WAITING TO ENTER ROAD, CAS1 WALKING WEST ON FOOTPATH, PASSES BEHIND V1 AS V1 BEGINS TO MOVE BACKWARDS AND COLLIDES WITH CAS1. V1 THEN DRIVES OFF FAILING TO STOP.													
User Information:													
2	E06000056	12DA0689	Serious	Friday	31/08/2012	21:04	501624/221752						
Location: B489 West Street Metres Uc Princes St, Dunstable, Bedfordshire 1st Rd: B489 2nd Rd: U													
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard				
30MPH	Single c'way	X-Rds Give	Dark/lights lit	Rain	Wet	None	None	None	None				
Veh	Vehicle type	Towing	Manoeuvr	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B/
1	Car	No	Going ahead	N S	On main	Enter main	No	None		None	Male	24 -	
2	Van/Goods < 3.0	No	Going ahead	W E	On main	Mid junction	No	None	O/s & reboun	Tree	Male	52 -	
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil			
1	1	Drv/Rider	Male	24	Slight	No	Not ped	Not ped	Not ped		Other		
2	2	Drv/Rider	Male	52	Slight	No	Not ped	Not ped	Not ped		Other		
3	1	Passenger	Female	21	Serious	Front	Not ped	Not ped	Not ped		Other		
4	1	Passenger	Female	21	Slight	Rear	Not ped	Not ped	Not ped		Other		
5	1	Passenger	Female	20	Slight	Rear	Not ped	Not ped	Not ped		Other		
Description: V1 Has Pulled out of Princes St to Cross over to Icknield St. V1 Has Pulled out into the Path of V2. V2 Has Collided into the Offside of V1.													
User Information:													
3	E06000056	14DA1203	Slight	Thursday	11/12/2014	12:15	501624/221750						
Location: B489 West Street Metres Uc Princes Street, Dunstable, Bedfordshire 1st Rd: B489 2nd Rd: U													
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard				
30MPH	Single c'way	X-Rds Give	Daylight	Fine	Dry	None	None	None	None				
Veh	Vehicle type	Towing	Manoeuvr	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B/
1	Car	No	Right turn	N W	On main	Mid junction	No	None	Nearside	Other	Female	78 -	
2	Car	No	Going ahead	W E	On main	Junt appr	No	None		None	Male	22 -	
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil			
1	1	Drv/Rider	Female	78	Slight	No	Not ped	Not ped	Not ped		Other		
Description: V2 Trav East, Stops in Traffic, at Keep Clear Signs at T Junc. V1 Turns right out of T Junc onto Main Road and Collides with the Front of V2. V1 Continues on Mounting N/S Pavement and Hit Street Furniture.													
User Information:													
4	E06000056	171719	Serious	Monday	20/03/2017	08:10	501625/221754						
Location: B489 WEST STREET J/W PRINCES STREET, DUNSTABLE, BEDFORDSHIRE. 1st Rd: B489 2nd Rd: U													
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard				
30MPH	Single c'way	T/Stag Give	Daylight	Fine	Dry	None	None	None	None				
Veh	Vehicle type	Towing	Manoeuvr	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age	B/
1	Pedal Cycle	No	O/T mov veh	W E	On main	Mid junction	No	None		None	Male	13 N	
2	Car	No	Start	N S	On main	Mid junction	No	None		None	Female	52 N	
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil			
1	1	Drv/Rider	Male	13	Serious	No	Not ped	Not ped	Not ped		Other		
Description: V1 has overtaken a vehicle slowing down to the kerb. From a side street, V2 has pulled out of the side street at low speed. V1, pedal cycle, has hit the offside wing of V2 and cyclist has gone over the bonnet.													
User Information:													

No.	Area L/A	Reference	Severity	Day	Date	Time	Grid Coords	Link/Node	Street			
5	E06000056	13DA0195	Serious	Thursday	28/03/2013	17:28	501625/221749					
Location: B489 West St Metres Uc Ickneild St, Dunstable, Bedfordshire 1st Rd: B489 2nd Rd: U												
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard			
30MPH	Single c'way	X-Rds Give	Daylight	Fine	Dry	None	None	None	None			
Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age B/
1	Car	No	Right turn	SW	SE On main	Leav main	No	None		None	Male	22 -
2	Pedal Cycle	No	Going ahead	NE	SW On main	Junt appr	No	None		None	Male	38 N,
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil		
1	2	Drv/Rider	Male	38	Serious	No	Not ped	Not ped	Not ped	Other		
Description: V2 Trav Sw on West St. V1, Trav Ne, Has Turned right into Ickneild St Colliding with V2 Mid Junction.												
User Information:												
6	E06000056	12DA0585	Slight	Tuesday	24/07/2012	21:30	501626/221749					
Location: B489 West Street Metres Uc Ickneild St, Dunstable, Bedfordshire 1st Rd: B489 2nd Rd: U												
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard			
30MPH	Single c'way	T/Stag Give	Dark/lights lit	Fine	Dry	None	None	None	None			
Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age B/
1	Van/Goods < 3.No	Start		N	S On main	Mid junction	No	None		None	Male	25 -
2	M/cycle > 500cNo	Going ahead		E	W On main	Junt appr	Yes	None		None	Male	46 -
3	Van/Goods < 3.No	Wt turn rt		S	N On main	Junt appr	No	None		None	Female	24 -
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil		
1	2	Drv/Rider	Male	46	Slight	No	Not ped	Not ped	Not ped	Other		
Description: V1 was Waiting at the Junction of Princes St and West St, Intending to Cross over to Ickneild St. V3 was Waiting at the Junction of Ickneild St and West St Intending to Turn right (Contrary to left Turn Only Order) onto West St.V2 was Trav West when V1 Has Emerged from the Junction and Collided with V2. V2 Has then Collided with V3.												
User Information:												
7	E06000056	14DA1013	Serious	Friday	17/10/2014	19:00	501627/221746					
Location: Uc Ickneild Street 3 Metres South of B489 West Street, Dunstable, Bedfordshire 1st Rd: U 2nd Rd: B489												
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard			
20MPH	Single c'way	T/Stag Give	Dark/lights lit	Fine	Wet	None	None	None	None			
Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age B/
1	M/cycle > 500cNo	Stop		S	N On main	Junt appr	Yes	None		None	Male	62 N,
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil		
1	1	Drv/Rider	Male	62	Serious	No	Not ped	Not ped	Not ped	Other		
Description: V1 a Motor Cycle, Carrying a Passenger, Trav North Towards T Junc. V1 Brakes and Skids on Wet Leaves in Road. V1 and Riders Fall to the Ground.												
User Information:												
8	E06000056	15DA1004	Slight	Sunday	15/11/2015	13:35	501627/221751					
Location: B489 WEST STREET, at its Junction with Unclassified Road PRINCES STREET, DUNSTABLE, Bedfordshire 1st Rd: B489 2nd Rd: U												
Speed	C'Way	Jct Det/Ctrl	Lighting	Weather	Rd Surf	PedX - Human	- Phy Fac	Special	Hazard			
30MPH	Single c'way	X-Rds Give	Daylight	Fine	Wet	None	None	None	None			
Veh	Vehicle type	Towing	Manoeuvre	Dir	Veh loc	Junct. loc	Skidding	Hit obj in	Left cway	Hit obj off	Sex	Age B/
1	M/cycle > 500cNo	O/T sta veh		W	E On main	Mid junction	No	None		None	Male	45 N,
2	Car	No	Going ahead	N	S On main	Mid junction	No	None		None	Male	20 N,
Cas No	Veh ref	Cas Class	Sex	Age	Severity	Car Pass	Ped Direction	Ped Movement	Ped location	School Pupil		
1	1	Drv/Rider	Male	45	Slight	No	Not ped	Not ped	Not ped	Other		
Description: V1 A MOTOR CYCLE TRAV EAST, FILTERING PAST STATIONARY TRAFFIC, THROUGH A XROADS JUNC. V2 EXITS OUT OF JUNC TO N/S TO TRAVEL STRAIGHT AHEAD AND COLLIDES WITH V1, KNOCKING RIDER OFF V1.												
User Information:												



Appendix B:

Report ID	Site	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	Mean Speed	85%ile Speed	(24 Hour) 5 Day Ave	(12 Hour) 7 Day Ave	(24 Hour) 7 Day Ave	%age HGVs
Site	West Street (Outside Dragon City all you can eat Chinese. East of Iokneidl St)	Eastbound	Tue 17 Apr 2018	Mon 23 Apr 2018	30mph	43111	20.5	26.6	6357	4564	6159	0.27%
Site	West Street (Outside Dragon City all you can eat Chinese. East of Iokneidl St)	Westbound	Tue 17 Apr 2018	Mon 23 Apr 2018	30mph	49742	21.2	26.2	7411	5486	7106	0.21%

Schedule
Tue 17 Apr 2018
Wed 18 Apr 2018
Thu 19 Apr 2018
Fri 20 Apr 2018
Sat 21 Apr 2018
Sun 22 Apr 2018
Mon 23 Apr 2018

Appendix C: Public Notice

PUBLIC NOTICE



**CENTRAL BEDFORDSHIRE COUNCIL PROPOSES TO INSTALL
TRAFFIC CALMING MEASURES IN WEST STREET, PRINCES STREET AND, ICKNIELD STREET,
DUNSTABLE.**

Notice is hereby given that Central Bedfordshire Council, in exercise of its powers under Section 90 A-I of the Highways Act 1980 and all other enabling powers, propose to construct a Raised Junction, in West Street, Princes street and, Icknield Street, Dunstable. These proposals are part of a scheme to reduce traffic speeds and create a safer environment for all road users.

A Raised Junction at a nominal height of 75mm, approximately 15 metres long and extending approximately 5 into Princes Street and 7 metres into Icknield Street, including ramps, extending across the full width of the road is proposed to be sited at the following location in Dunstable:-

1. West Street, at its junction with Princes Street and Icknield Street.

Further Details may be viewed online at www.centralbedfordshire.gov.uk/publicstatutorynotices.

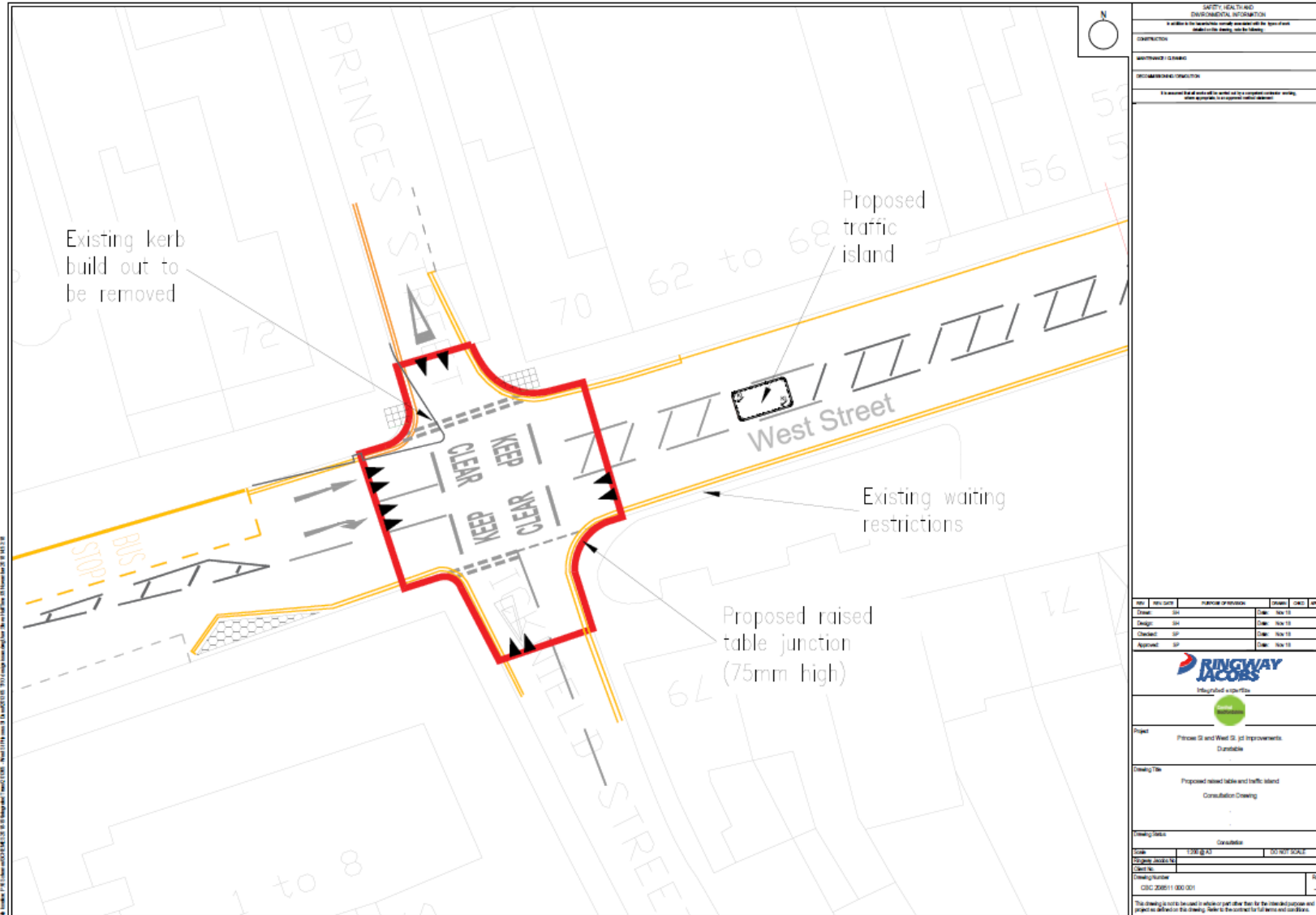
Comments should be sent in writing to the Traffic Management team at the address below or e-mail traffic.consultation@centralbedfordshire.gov.uk by 13th December 2018.

Central Bedfordshire Council
Priory House
Chicksands
Shefford SG17 5TQ

Marcel Coiffait
Director of Community Services

22nd November 2018

Appendix D: Drawing



All numbers in this drawing are taken from the Ordnance Survey map. The Ordnance Survey map is the copyright of the Ordnance Survey. All other numbers are the property of the client. The client is responsible for the accuracy of the information provided. The client is responsible for the accuracy of the information provided. The client is responsible for the accuracy of the information provided.



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 It is the duty of the contractor to ensure that the site is safe and that the health and safety of all those on the site is maintained.

CONSTRUCTION

SAFETY HEALTH AND ENVIRONMENTAL INFORMATION

RECOMMENDED CONDITIONS

It is recommended that the contractor should ensure that the site is safe and that the health and safety of all those on the site is maintained.

No.	Date	Author of revision	Drawn	Check	Issue
1	2010	SP	SP	SP	10/10
2	2010	SP	SP	SP	10/10
3	2010	SP	SP	SP	10/10

RINGWAY JACOBS
 Integrated solutions

Project: Princes St and West St. Jct Improvements, Dunstable

Drawing Title: Proposed raised table and traffic island
 Consultation Drawing

Drawing Date: Consultation

Scale: 1:500 (A1) (NOT TO SCALE)

Client: -

Drawing Number: CSIC 200611-000-001

This drawing is not to be used in whole or part other than for the intended purpose and project as defined in the drawing. Refer to the contract for full terms and conditions.

Reproduced from the Ordnance Survey map with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. Crown Copyright. Unauthorised reproduction is illegal. Crown Copyright and any other rights reserved. Licence number: 100049232. Ordnance Survey.

Appendix E Police Response

Central
Bedfordshire



Proposed Traffic Calming, West Street, Dunstable

<p>This Authority has considered the proposals as outlined in your e-mail and offer the following comments for further consideration.</p> <p>Comments</p>	
<p>This Authority has considered the proposals as outlined in your e-mail and attachments dated the 19th November 2018 together with the reason given. The proposed traffic calming feature is accepted by this <u>authority</u>, therefore no objection will be offered.</p>	<p>X</p>

Name: - ...**Stephen Welham**.

Address Traffic Management Office.

Traffic Management Unit,
Bedfordshire, Cambridgeshire & Hertfordshire Road Policing Unit,
Joint Protective Services,
Halsey Road,
Kempston, Beds.
MK42 8AX.

Signed:- S. P. Welham

20th November 2018

Appendix F:- Representations

Dear Sir/Madam,

I'm writing to you regarding the:

Proposed traffic calming – West Street, Dunstable

I live on the [REDACTED] West street and my flat, including the bedroom, faces the front of West Street. According to the letter we received dated for 22 November 2018, you are proposing to place a raised junction on Ickniel street which is just right outside our building. The plan also includes a raised junction on Princes street.

Our building has 6 flats which majority of them will be affected by huge noise being caused by the cars passing over the raised junction. I sincerely understand that the plan is due to the traffic and safety and I wouldn't like by any means to disgrace your decision. However that would affect mainly our sleep during the night, but also the day time spend at home. Huge noise will significantly affect our quality of life.

I hope you can consider changing the plan to not placing raised junctions on West street.

Should you need any more details please do not hesitate to contact me.

Thank you in advance.

Yours sincerely,

Dear Sirs

I understand that the Council is proposing to construct a 75mm raised junction at this intersection.

I have looked at your statutory notice on your website but unfortunately it does not provide any rationale or justification for such a raised junction.

My concern is that for some drivers it will cause an excessive amount of braking and accelerating, and for some others they will simply not slow down.

In either case, it is likely to create additional noise, either due to braking and accelerating, or crash and bumping of cars "hitting" the raised section at normal road speeds. All of this will occur outside a number of dwellings, at all times of day and night, undoubtedly causing disturbance to Council residents.

My own personal experience of this stretch of road is that traffic can often be tailed back at this point, in which case the raised junction will have no effect or impact, and thus be pointless.

If the traffic is flowing freely then why hinder it?

Further, there is a traffic light pedestrian crossing less than 100m to the west, and another circa 100m to the east.

Is it really necessary to further impact on noise and pollution levels by disrupting an already congested roadway?

I look forward to hearing from you.

Regards