



AGENDA ITEM NO. 11

GREATER FISHPONDS NEIGHBOURHOOD PARTNERSHIP

22nd March 2012

Report of: Service Director – Transport Service

Title: Devolved Transport Schemes for 2012/13

Officer presenting report: Shaun Taylor, Area Manager, Highways and Traffic, Transport Service

Contact Telephone Number: 0117 9224404 shaun.taylor@bristol.gov.uk

RECOMMENDATION

The Neighbourhood Partnership councillors are asked to agree the 2012/13 work programmes for:

- i. Local traffic schemes (from section 9)
- ii. Footway resurfacing (from section 10)
- iii. Carriageway surface dressing (from section 11)

And also to consider:

- iv. Prioritisation of the Section 106 (monies from development) transport specific schemes (from section 12)

Context

1. This report relates to the devolved transport budgets available to the Greater Fishponds Neighbourhood Partnership (NP).

2. The NP engagement process for this year included a Traffic & Transport subgroup meeting on Wednesday 29th February 2012, issues raised at Neighbourhood Forum meetings and/or discussions with Ward Councillors. Requests received directly from the public and elected Members for local traffic measures and highway improvements have also been considered as part of this process. The Traffic and Transport subgroup work plan is shown in Appendix 3.
3. The budgets available are similar to those for 2011/12. Two Ward NP's will have £17,147 for local traffic schemes, and three Ward NP's will have £25,714.
4. The footway maintenance budget has been split equally amongst the NP's, based on the number of wards in each. Therefore, NP's comprised of two wards have £42,000 for footway maintenance, and NP's with three wards have £63,000.
5. The footways listed in section 10 have been identified and prioritised using our standard Condition Survey Assessments. This process is outlined in Appendix 1, and the Condition Survey Assessments for each footway is shown in Appendix 2.
6. Carriageway surface dressing is a needs-based maintenance technique aimed at preserving the existing surface of the carriageway, rather than replacing it. The funding devolved to the NP's has, therefore, been split on a city-wide basis between the roads most in need of surface dressing. This approach does mean that some NP's will have more surface dressing works than others, but it does ensure that the worst problems throughout the city are addressed.
7. Having due regard for the condition of other roads in the city (as explained above), the roads listed in section 11 are those identified as being most in need of attention in this NP area. This is based on routine inspections and assessments carried out by our Highway Officers.

Proposal

A Local Traffic Schemes

9. The Traffic and Transport subgroup recommends the following schemes. The group recommends remaining Local Traffic Budget be carried over into 2013/14 with a view to consider future schemes by end of the 2012 financial year.

Ref	Location / Ward	Suggested scheme	Notes	Est Cost	Recommendation
T1	Park Rd/ Duchess Way Crossing	Upgrade proposed informal crossing (pedestrian island) to formal zebra crossing	The NC allocated £7,500 from the 2011/12 devolved Local Traffic Budget. Pedestrian refuge proposal not possible due to underground services	£7,500	Subgroup recommends further £7,500 allocated to this scheme to implement the originally requested zebra crossing.
T2	The Chine footway	To replace temporary coning with timber bollards.	The timber bollards could be funded from the 2011/12 unspent Minor Lining and Signing budget	Approx .£100 each	Subgroup recommends to pay from the 2012/13 local traffic schemes budget the cost of installing timber bollards.
NP wide	Minor lines and signs	To address ad-hoc requests	Measures introduced at officers discretion	£2,250	As per last year

B Footway Resurfacing - £63,000 budget

10. The following list represents the footways identified for resurfacing in the NP area in order of need based on factors including condition and usage:

Ref	Location	Ward	Estimated cost
F1	Thicket Avenue	Hillfields	£49,000
F2	Lawn Road	Frome Vale	£36,000
F3	Mendip View	Hillfields	£8,000
F4	Brook Road	Hillfields	£46,000 for conc. slabs or £30,000 for tarmacadam
F5	Frome Valley Rd / Brockworth Cres	Frome Vale	£27,000

C Carriageway Surface Dressing

11. The following list represents the roads identified for surface dressing in the NP area in order of need (having due regard for the condition of other roads in the city):

Ref	Location	Ward	Estimated cost
C1	Frenchay Park Road (Stoke Lane to Five Acre Drive)	Frome Vale	£6,500
C2	Briar Way (Forest Road to Beecham Drive)	Hillfields	£2,100
C3	Charlton Road (Elton Road to Lodge Causeway)	Hillfields	£4,700
C4	Park Road (Colston Hill to Stapleton Close)	Eastville	£800

D Section 106

12. Development related monies available from Section 106 funding for specific traffic and transport purposes in the NP area are listed in the table below. The Traffic and Transport subgroup recommends S1 to S5 be progressed from April 2012. Factors the group have taken into consideration include impact of development to local community, time limit and close proximation to other schemes.

Ref	Development	Description	Funding available	Time limit
S1	Prefab Site, Mallard Close, Speedwell / ZCD...668	The provision of bus stop improvements on Speedwell Road and Whitefield Road	£43,993.75	25/01/2013
S2	Prefab Site, Mallard Close, Speedwell	The provision of a pedestrian crossing on Whitefield Road	£16,497.62	25/01/2013
S3	Prefab Site, Mallard Close, Speedwell	The provision of speed reduction measures on Poplar Road	£16,497.62	25/01/2013
S4	Prefab Site, Mallard Close, Speedwell	To upgrade the existing traffic island on Speedwell Road	£10,998.43	25/01/2013
S5	Roegate House, Whitefield Avenue, Speedwell	The provision of highway works necessitated by the development including: Traffic calming measures on Whitefield Avenue, Upgrading of a bus stop adjacent to the development site, Upgrading of a pedestrian crossing on Speedwell Road, Necessary Traffic Regulation Orders	£38,131.42	08/11/2016
S6	19 Snowdon Road, Fishponds	The provision of a vehicle activated sign on Snowdon Road in order to slow traffic in the vicinity of the entrance to the Development	£5,531.44	No Limit
S7	Cherrytree Crescent, Hillfields	Improvements to the pedestrian refuge island on Hillfields Avenue to comprise of new drop kerbs and tactile paving	£3,047.54	No Limit

Appendices

Appendix 1 – Further information about the Condition Survey Assessment process

Appendix 2 – Condition Survey Assessment scores for the footways listed in section 10

Appendix 3 – Traffic and Transport Sub-Group Work Plan

Appendix 1 - Condition Survey Assessment Process for Footways

Prioritisation Process

Under Section 41 of the Highways Act 1980, Bristol City Council has a statutory duty as Highway Authority to maintain adopted highways at public expense. This can lead to claims against the Council for damages resulting from a failure to maintain the highway.

Under Section 58 of this Act the Council can defend against a claim for failure to maintain if it can prove that it has taken such care as was reasonable to identify and correct defects.

The City Council's current strategy for identifying and prioritising footway resurfacing works, is therefore based on a system of inspections and assessment of condition and use.

Detailed Inspections of the highway network (roads and footways are surveyed together) are done twice a year by the City Council's team of Highway Inspectors. These include the general condition of the highway, with particular attention to defects that are deemed to be 'hazardous'. These inspections also record dangerous defects with street furniture, defects on street name plates and signs, and any highway drainage and associated sewerage works. 'Warning' levels on the general condition of the highway are reported to the Highway Technician to be incorporated into Condition surveys.

Safety Inspections are done on a two-monthly intervals on busy footways, local shopping areas and traffic sensitive principal A roads. The shopping area of the City is inspected at monthly intervals. These inspections focus on hazardous defects only. Safety works may involve immediate repair, temporary repair, closing the dangerous area to the public, provision of warning signs or any other way of removing the danger within 24 hours of the danger being reported. Any concerns raised by a local resident will also generate a Safety Inspection.

If larger issues are identified by the Highways Inspector then these will be raised with the Highway Technicians for a Condition Survey.

Condition Surveys are carried out annually by the Highway Technicians (or as advised by the results of Detailed or Safety Inspections) for major preventative and structural maintenance operations, such as footway reconstruction and surface dressing. The list of locations requiring footway resurfacing result from these surveys.

This approach was developed on the basis of extensive research into good practice across the Country and from the professional expertise and experience of the Highway Maintenance officers.

In undertaking a Condition Survey the trained Highway Technicians will use their professional judgement to assess each section of footway in terms of the condition of the walking surface, the local environment it serves, the level of pedestrian activity and the level of public interaction and accident claims. The scoring system is contained at the end of this note.

The Highway Technician will total up the score for each location, compare each site and rank these according to their overall score.

Cost

The cost of each section of resurfacing is largely determined by the area of resurfacing required, the material to be used (for instance tarmac is cheaper than paving slabs) and what other repairs need to be corrected at the same time (e.g. broken kerbs). Other factors will also affect the cost of the works, such as how long the work will take to complete, whether there are any local constraints (such as access to shops) which make the work more complicated, or if specific temporary traffic controls need to be installed to enable the contractor to work safely.

Condition Survey Assessments

Section 1

Classification	Condition of Walking Surface	Points
Not Satisfactory	25% crazed/cracked/uneven - no trips>20mm	20
Fairly Poor	50% crazed/cracked/uneven - 5 trips>20mm/100m	40
Poor	75% crazed/cracked/uneven - 5-10 trips>20mm/100m	60
Very Poor	100% crazed/cracked/uneven - 10+ trips>20mm/100m	80

Section 2

Environmental Considerations	Impact	Points
Historical/Tourist Areas	Jobs/Amenity	10
Industrial Premises/Estates	Jobs	10
Office/Commercial Premises	Jobs	10
Public Buildings/Hotels	Image	20
Schools/Hospitals/Health Centres	Image	30
Shopping/Heart of Community	Jobs/Amenity	30

Section 3

Pedestrian Usage	Examples	Points
Light	Minor/Residential/Local Access Road	10
Medium	Busy Estate/Secondary Distributor Roads	30
Heavy	Minor Shopping/Main Distributor Roads	60
Very Heavy	Main Shopping Areas	90

Section 4

Public Inter-action	Accident	Points
Public Request 1-5	Accident Claims 1 in 2 year period	10
Public Request 6-10	Accident Claims 2 in 2 year period	20
Public Request 11-20	Accident Claims 3 in 2 year period	30
Public Request 20+	Accident Claims 4+ in 2 year period	40

Appendix 2 - Condition Survey Assessment form for Footways

Site	Ward	Type	COST ESTIMATE	SECTION 1 - CONDITION	SECTION 2 - ENVIRONMENTAL	SECTION 3 - PEDESTRIAN USE	SECTION 4 - PUBLIC / ACCIDENTS	TOTAL
Thicket Avenue	Hillfields	Tarmacadam	£49,000	50	0	30	0	80
Lawn Road	Frome Vale	Tarmacadam	£36,000	50	0	10	0	60
Mendip View	Hillfields	Tarmacadam	£8,000	50	0	10	0	60
Brook Road	Hillfields	Concrete slabs or tarmacadam	£46,000 slabs or £30,000 tarmacadam	50	0	10	0	60
Frome Valley Road / Brockworth Crescent	Frome Vale	Tarmacadam	£27,000	40	10	10	0	60

Greater Fishponds Neighbourhood Partnership Subgroup (2012/13 Proposed schemes)								
Date	No	Location	Ward	Purpose	Time Limit	Available budget £	Where it was raised	Who raised it?
Section: Devolved Section 106 Schemes								
	06/03305 /	11 - 19 Snowdon Road, Fishponds / ZCD... 511	Frome Vale	The provision of a vehicle activated sign on Snowdon Road in order to slow traffic in the vicinity of the entrance to the Development	No Limit	£5,531.44		
	06/03243 /	Prefab Site, Mallard Close, Speedwell / ZCD...668	Hillfields	The provision of bus stop improvements on Speedwell Road and Whitefield Road	25 Jan 13	£43,993.75		
	06/04996 /	30 Cherrytree Crescent, Hillfields / ZCD...771	Hillfields	Improvements to the pedestrian refuge island on Hillfields Avenue to comprise of new drop kerbs and tactile paving	No Limit	£3,047.54		
	06/03243 /	Prefab Site, Mallard Close, Speedwell / ZCD...666	Hillfields	The provision of a pedestrian crossing on Whitefield Road	25 Jan 13	£16,497.62		
	06/03243 /	Prefab Site, Mallard Close, Speedwell / ZCD...669	Hillfields	The provision of speed reduction measures on Poplar Road	25 Jan 13	£16,497.62		
	06/03243 /	Prefab Site, Mallard Close, Speedwell / ZCD...667	Hillfields	To upgrade the existing traffic island on Speedwell Road	25 Jan 13	£10,998.43		
						\$96,566.40		
Date	No	Location	Ward	What is the issue?	Proposed works	Cost £	Where it was raised	Who raised it?
		Bus Stop 68 Park Rd	Eastville	Request for raising bus stop at existing bus stop	This bus stop was proposed to be raised as part of the Bell Hill / Park Road scheme a couple of years ago. It attracted a number of objections, therefore, this element of the scheme was deferred.	\$10,000		
		PRoW 240 linking the Glades to Stonebridge	Eastville		Improvements to steps and handrails to PRoW and lighting to improve safer link to bus stops on Fishponds Rd			
		Grove Rd	Eastville	No signage to Grove Lodge Sheltered Housing	Request for signage	£500 subject to adequate space on highway.		
		Charlton Rd/Ingleside Rd	Hillfields	Difficult to cross junction	Request for pedestrian crossing facilities on the signal junction	Pedestrian crossings integrated into traffic signal junction would cost £100,00+ however, pedestrian islands could be provided at a cost of ~£10,00 each		
		Thingwall Park	Eastville	Vehicles speeding	Introduce Vehicle Activated Sign (VAS)	~£4500 each		
		22 Forest Rd	Hillfields/ Frome Vale	Difficulty gaining access to own driveway when cars parked on white lines opposite	Extend yellow lines opposite to cover driveway	~£3000 to readvertise legal order for this and a number of other minor amendments to the scheme that was introduced in 2010/11.	Wider Engagement	