



Area Committee Appendices (Finchley & Golders Green)

30 March 2016

Title

Highway Network Recovery Planned Maintenance Environment Committee - APPENDICES

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A1.1. - Additional Carriageway Schemes – Resurfacing.
Additional Schemes 2015/16 Works Cost: £0.753M; 9 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C173	Dunstan Road	Childs Hill	NW2	£ 162,000
C243	Granville Road	Childs Hill	NW2	£ 69,000
C290	Hocroft Road	Childs Hill	NW2	£ 83,000
C673	Claremont Road	Childs Hill/Golders Green	NW2	£ 88,000
C575	Templehof Avenue	Golders Green	NW2	£ 107,000
C266	Hamilton Way	West Finchley	N3	£ 32,000
C162	Derby Avenue	West Finchley	N12	£ 52,000
C406	Nether Street	West Finchley	N3	£ 78,000
C484	Redbourne Avenue	West Finchley	N3	£ 82,000

A1.2. - Proposed Carriageway Schemes – Resurfacing.
Proposed 2016/17 Works Cost: £1.377M; 12 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C683	West Heath Road	Childs Hill	NW3	£ 105,000
C588	The Vale	Childs Hill	N3	£ 78,000
C680	Kara Way	Childs Hill	NW2	£ 26,000
C672	Claremont Road	Childs Hill/ Golders Green	NW2	£ 84,000
C337b	Lichfield Grove	Finchley Church End	N3	£ 123,000
C670	Wootton Grove	Finchley Church End	N3	£ 9,000
	Holdes Hill Road	Finchley Church End	NW4/NW7	£ 313,000
C577	The Bishops Avenue	Garden Suburb	N2	£ 150,000
C594	Tilling Road	Golders Green	NW2	£ 80,000
C675	Moss Hall Grove	West Finchley	N12	£ 102,000
	Alexandra Grove	West Finchley	N12	£ 171,000
	Argyle Road	West Finchley	N12	£ 136,000

A1.3. - Proposed Carriageway Schemes – Resurfacing.				
Reserve/ NRP Years 3, 4 & 5. Works Cost: £0.624M; 9 Schemes.				
Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C067	Brent Terrace	Childs Hill	NW2	£ 125,000
C002	Finchley Road (A598)	Childs Hill	NW11	£ 120,000
C289	Hocroft Avenue	Childs Hill	NW2	£ 57,000
C001	North End Road (A502)	Childs Hill	NW11	£ 56,000
C168	Dollis Avenue	Finchley Church End	N3	£ 90,000
C516	Salisbury Avenue	Finchley Church End	N3	£ 64,000
C360	Lytton Close	Garden Suburb	N2	£ 19,000
C505	Rotherwick Road	Garden Suburb	NW11	£ 72,000
C084	Brunner Close	Garden Suburb	NW11	£ 21,000

A1.4. - Proposed Carriageway Schemes – Resurfacing – TfL funded				
Proposed 2016/17, Works Cost: £0.153M; 1 Schemes.				
Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C693	TFL A598 Finchley Road	Garden Suburb	NW11	£ 153,000

A2.1. - Proposed Carriageway Schemes – Micro Asphalt Surfacing				
Proposed 2016/17 Works Cost: £0.160M; 7 Schemes.				
Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C021	Armitage Road	Childs Hill	NW11	£ 47,000
C471	Pulham Avenue 1 to 34	East Finchley	N2	£ 11,000
C004	Abbots Gardens	East Finchley	N2	£ 30,000
C236	Gordon Road	West Finchley	N3	£ 16,000
C405	Nether Street	West Finchley	N12	£ 32,000
C126	Clifton Road	Woodhouse	N3	£ 15,000
C074	Britannia Road	Woodhouse	N12	£ 9,000

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.

Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C217	Galsworthy Road	Childs Hill	NW2	TBC
C350	Longberrys	Childs Hill	NW2	TBC
C355	Lyndale Avenue	Childs Hill	NW2	TBC
C374	Marnham Avenue	Childs Hill	NW2	TBC
C665	Wycombe Gardens	Childs Hill	NW11	TBC
C041	Beechworth Close	Childs Hill	NW3	TBC
C165	Devonshire Place	Childs Hill	NW2	TBC
C291	Hodford Road	Childs Hill	NW11	TBC
C628	Wessex Gardens	Childs Hill	NW11	TBC
C630	West Heath Close	Childs Hill	NW3	TBC
C223	Gillingham Road	Childs Hill	NW2	TBC
C492	Ridge Road	Childs Hill	NW2	TBC
C626?	Wentworth Road	Childs Hill	NW11	TBC
C091	Caddington Road	Childs Hill	NW2	TBC
C232	Golders Way	Childs Hill	NW11	TBC
C244	Gratton Terrace	Childs Hill	NW2	TBC
C634	Westcroft Way	Childs Hill	NW2	TBC
C066	Brent Terrace	Childs Hill/Golders Green	NW2	TBC
C327	Lankaster Gardens	East Finchley	N2	TBC
C370	Market Place	East Finchley	N2	TBC
C553	Stanley Road	East Finchley	N2	TBC
C603	Trinity Avenue	East Finchley	N2	TBC
C311	Ingram Road	East Finchley	N2	TBC
C470	Prospect Ring	East Finchley	N2	TBC
C570	Sylvester Road	East Finchley	N2	TBC
C590	Thomas More Way	East Finchley	N2	TBC
C148	Creighton Avenue	East Finchley	N2	TBC
C336	Leopold Road	East Finchley	N2	TBC

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.

Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C401/	Neale Close	East Finchley	N2	TBC
C044	Beresford Road	East Finchley	N2	TBC
C083	Brownsell Road	East Finchley	N2	TBC
C188	Elmfield Road	East Finchley	N2	TBC
C408	New Trinity Road	East Finchley	N2	TBC
C556	Strawberry Vale	East Finchley	N2	TBC
C571	Talbot Avenue	East Finchley	N2	TBC
C574	Tarling Road	East Finchley	N2	TBC
C172	Dudley Road	Finchley Church End	N3	TBC
C272	Haslemere Gardens	Finchley Church End	N3	TBC
C281	Hillcrest Gardens	Finchley Church End	N3	TBC
C296	Holders Hill Crescent	Finchley Church End	NW4	TBC
C297	Holders Hill Drive	Finchley Church End	NW4	TBC
C298	Holders Hill Gardens	Finchley Church End	NW4	TBC
C070	Briarfield Avenue	Finchley Church End	N3	TBC
C121	Claremont Park	Finchley Church End	N3	TBC
C294	Holders Hill Avenue	Finchley Church End	NW4	TBC
C300	Holly Park	Finchley Church End	N3	TBC
C364	Manor Hall Drive	Finchley Church End	NW4	TBC
C412	North Crescent	Finchley Church End	N3	TBC
C447	Parklands Drive	Finchley Church End	N3	TBC
C016	Allandale Avenue	Finchley Church End	N3	TBC
C114	Church Crescent	Finchley Church End	N3	TBC
C168	Dollis Avenue	Finchley Church End	N3	TBC
C319	Kinloss Gardens	Finchley Church End	N3	TBC
C337a	Lichfield Grove	Finchley Church End	N3	TBC
C356	Lyndhurst Gardens	Finchley Church End	N3	TBC
C617	Village Road	Finchley Church End	N3	TBC
C365	Manor View	Finchley Church End	N3	TBC

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.

Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C151	Crooked Usage	Finchley Church End	N3	TBC
C169	Dollis Park	Finchley Church End	N3	TBC
C503	Rosemary Avenue	Finchley Church End	N3	TBC
C552	Stanhope Avenue	Finchley Church End	N3	TBC
C595	Tillingbourne Gardens	Finchley Church End	N3	TBC
C022	Ashley Lane	Mill Hill/Hendon/Finchley Church End	NW4	TBC
C268	Hampstead Lane	Garden Suburb	NW3	TBC
C651	Winnington Road	Garden Suburb	N2	TBC
C135	Connaught Drive	Garden Suburb	NW11	TBC
C159	Deacons Rise	Garden Suburb	N2	TBC
C161	Denman Drive	Garden Suburb	NW11	TBC
C269	Hampstead Way	Garden Suburb	NW11	TBC
C668	Kingsley Close	Garden Suburb	N2	TBC
C317	Kingsley Way	Garden Suburb	N2	TBC
C418	Northway	Garden Suburb	NW11	TBC
C432	Oakwood Road	Garden Suburb	NW11	TBC
C538	South Square	Garden Suburb	NW11	TBC
C542	Southway	Garden Suburb	NW11	TBC
C543	Spaniards Close	Garden Suburb	NW11	TBC
C593	Thornton Way	Garden Suburb	NW11	TBC
C622	Wellgarth Road	Garden Suburb	NW11	TBC
C645	Wildwood Road	Garden Suburb	NW11	TBC
C025	Asmunds Place	Garden Suburb	NW11	TBC
C075	Britten Close	Garden Suburb	NW11	TBC
C142	Cornwood Close	Garden Suburb	N2	TBC
C164	Devon Rise	Garden Suburb	N2	TBC
C179	Eastholm	Garden Suburb	NW11	TBC
C343	Litchfield Way	Garden Suburb	N2	TBC
C380	Middleway	Garden Suburb	NW11	TBC

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.
Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C568	Sutcliffe Close	Garden Suburb	NW11	TBC
C038	Beaufort Drive	Garden Suburb	NW11	TBC
C047	Bigwood Road	Garden Suburb	NW11	TBC
C049	Bishops Grove	Garden Suburb	N2	TBC
C080	Brookland Hill	Garden Suburb	NW11	TBC
C094	Canons Close	Garden Suburb	N2	TBC
C104	Chandos Way	Garden Suburb	NW11	TBC
C117	Church Mount	Garden Suburb	N2	TBC
C125	Clifton Gardens	Garden Suburb	NW11	TBC
C130	Coleridge Walk	Garden Suburb	NW11	TBC
C170	Dorchester Gardens	Garden Suburb	NW11	TBC
C252	Greenhalgh Walk	Garden Suburb	N2	TBC
C302	Holyoake Walk	Garden Suburb	N2	TBC
C316	Kingsley Way	Garden Suburb	N2	TBC
C340	Linden Lea	Garden Suburb	N2	TBC
C461	Portsdown Mews	Garden Suburb	NW11	TBC
C545	St Edwards Close	Garden Suburb	NW11	TBC
C663	Wordsworth Walk	Garden Suburb	NW11	TBC
C146	Cranbourne Gardens	Golders Green	NW11	TBC
C180	Eastside Road	Golders Green	NW11	TBC
C338	Limes Avenue	Golders Green	NW11	TBC
C465	Prayle Grove	Golders Green	NW2	TBC
C549	St Mary's Road	Golders Green	NW11	TBC
C071	Bridge Lane	Golders Green	NW11	TBC
C111	Cheviot Gardens	Golders Green	NW2	TBC
C122	Claremont Way	Golders Green	NW2	TBC
C238	Grampian Gardens	Golders Green	NW2	TBC
C532	Sinclair Grove	Golders Green	NW11	TBC
C643	Whitefield Avenue	Golders Green	NW2	TBC

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.

Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C144	Courtleigh Gardens	Golders Green/Hendon/Finchley	NW11	TBC
C102	Chandos Avenue	Oakleigh/Woodhouse/Totteridge	N20	TBC
C339	Limes Avenue	Totteridge/Woodhouse	NW7	TBC
C349	Long Lane	West Finchley	N2/N3	TBC
C625	Wentworth Park	West Finchley	N3	TBC
C048	Birbeck Road	West Finchley	N12	TBC
C088	Burnbrae Close	West Finchley	N12	TBC
C201	Falkland Avenue	West Finchley	N3	TBC
C448	Parkside	West Finchley	N3	TBC
C584	The Ridgeway	West Finchley	N3	TBC
C193	Etchingham Park Road	West Finchley	N3	TBC
C459	Popes Drive	West Finchley	N3	TBC
C445	Park View Road	West Finchley	N3	TBC
C123	Claverley Grove	West Finchley	N3	TBC
C469	Princes Avenue	West Finchley	N3	TBC
C129	Coleridge Road	West Finchley	N12	TBC
C192	Essex Park	West Finchley	N3	TBC
C256	Grosvenor Road	West Finchley	N3	TBC
C257	Gruneisen Road	West Finchley	N3	TBC
C424	Oakdene Park	West Finchley	N3	TBC
C455	Percy Road	West Finchley	N12	TBC
C580	The Grove	West Finchley	N3	TBC
C624	Wentworth Avenue	West Finchley	N3	TBC
C657	Woodberry Grove	West Finchley/Woodhouse	N12	TBC
C561	Summers Lane	Woodhouse	N12	TBC
C212	Friary Way	Woodhouse	N12	TBC
C679	Glenhurst Road	Woodhouse	N12	TBC
C310	Ingleway	Woodhouse	N12	TBC
C566	Sunny Way	Woodhouse	N12	TBC

A2.2. - Proposed Carriageway Schemes – Treatment to be confirmed & type of treatment and budget available will determine the number of schemes.

Reserve/ NRP Years 3, 4 & 5.; 161 Schemes.

Unique Reference	Road Name	Ward	Post Code	Indicative Cost
C659	Woodgrange Avenue	Woodhouse	N12	TBC
C061	Bramber Road	Woodhouse	N12	TBC
C095	Cardrew Avenue	Woodhouse	N12	TBC
C097	Castle Road	Woodhouse	N12	TBC
C153	Crossway	Woodhouse	N12	TBC
C166	Dickens Avenue	Woodhouse	N3	TBC
C203	Fallow Court Avenue	Woodhouse	N12	TBC
C377	Mayfield Avenue	Woodhouse	N12	TBC
C391	Montrose Crescent	Woodhouse	N12	TBC
C456	Petworth Road	Woodhouse	N12	TBC
C480	Ravensdale Avenue	Woodhouse	N12	TBC
C598	Torrington Grove	Woodhouse	N12	TBC
C610	Valley Avenue	Woodhouse	N12	TBC
C656	Woodberry Gardens	Woodhouse	N12	TBC
C658	Woodberry Way	Woodhouse	N12	TBC
C599	Torrington Park	Coppetts/Woodhouse	N12	TBC
C026	Athenaeum Road	Oakleigh/ Woodhouse/ Totteridge	N20	TBC

A3.1. - Proposed Footway Works.**2016/7 Priority. Works Cost: £4.069M; Highest Priority: 31 Schemes in (Year 2)**

Unique Reference	Road Name - Section	Ward	Indicative Cost
F082	Finchley Road CHTC	Childs Hill	100,096
F097	Harman Drive	Childs Hill	120,156
F170	West Heath Road	Childs Hill	211,344
F173	Ridge Road	Childs Hill	51,816
F178	Rodborough Road	Childs Hill	65,620
F194	West Heath Avenue	Childs Hill	178,568
F210	Hodford Road	Childs Hill	276,284
F082	Finchley Road CHTC	Childs Hill	100,096
F083	Golders Green Road	Childs Hill / Golders Green	132,124
F177	Finchley Road	Childs Hill/Garden Suburb	207,672
F185	High Road	East Finchley	171,836
F080	Regents Park Road	Finchley Church End	227,120
F085	East End Road	Finchley Church End	164,764
F126	Regents Park Road	Finchley Church End	105,196
F131	Dollis Park	Finchley Church End	51,204
F096	Childs Way	Garden Suburb	29,036
F139	Britten Close	Garden Suburb	27,404
F169	Eastside Road	Golders Green	98,600
F168	Decoy Avenue	Golders Green	98,328
F171	Cranbourne Gardens	Golders Green	191,692
F115	Holden Road	Totteridge / West Finchley	119,204
F092	Alexandra Grove	West Finchley	148,036
F122	Nether Street	West Finchley	42,636
F122	Nether Street	West Finchley	26,724

A3.1. - Proposed Footway Works.**2016/7 Priority. Works Cost: £4.069M; Highest Priority: 31 Schemes in (Year 2)**

Unique Reference	Road Name - Section	Ward	Indicative Cost
F152	The Ridgeway	West Finchley	101,320
F195	Nether Street	West Finchley	72,624
F196	Nether Street	West Finchley	125,596
F099	Gordon Road	West Finchley	63,852
F135	Cornwall Avenue	West Finchley	69,088
F183	High Road	West Finchley/Woodhouse	486,948
F271	Granville Road	Woodhouse	204,680

A3.2. - Proposed Footway Works.

2017/18 Priority. Works Cost: £2.085M; Highest Priority: 23 Schemes in (Year 3)

Unique Reference	Road Name - Section	Ward	Indicative Cost
F106	Dersingham Road	Childs Hill	104,924
F208	Hermitage Lane	Childs Hill	139,808
F209	Hocroft Avenue	Childs Hill	86,496
F118	Beresford Road	East Finchley	49,708
F118	Beresford Road	East Finchley	8,296
F184	High Road	East Finchley	68,340
F116	Village Road	Finchley Church End	63,784
F136	Holders Hill Road	Finchley Church End	88,060
F081	Finchley Road CHTC	Garden Suburb	128,452
F138	Alyth Gardens	Garden Suburb	24,888
F154	Willifield Way	Garden Suburb	133,076
F158	Hallselle Road	Garden Suburb	8,976
F180	Temple Fortune Lane	Garden Suburb	25,296
F179	Ashbourne Avenue	Golders Green/Garden Suburb	134,436
F201	Fursby Avenue	Totteridge/West Finchley	61,200
F101	Ballards Lane TC	West Finchley	185,776
F098	Elm Park Road	West Finchley	88,808
F128	Albert Place/Popes Drive	West Finchley	21,828
F130	Redbourne Avenue	West Finchley	107,100
F143	Finchley Way	West Finchley	88,332
F109	Courthouse Gardens	West Finchley	43,180
F133	Woodhouse Road	Woodhouse	199,240
F153	Torrington Park	Woodhouse	224,876

A3.3. - Proposed Footway Works.**2018/19 Priority. Works Cost: £1.225M; Highest Priority: 11 Schemes in (Year 4)**

Unique Reference	Road Name - Section	Ward	Indicative Cost
F220	Ranulf Road	Childs Hill	95,064
F225	Llanover Road	Childs Hill	79,560
F252	Lichfield Road	Childs Hill	140,012
F277	The Park	Childs Hill	77,656
F148	St Marys Avenue	Finchley Church End	107,168
F237	Blundell Road	Garden Suburb	62,628
F276	Connaught Drive	Garden Suburb	61,404
F216	Woodside Lane	Totteridge/Woodhouse	277,304
F253	Hillcourt Avenue	West Finchley	86,496
F246	The Hyde	West Hendon	98,192
F146	Petworth Road	Woodhouse	139,740

A3.4. - Proposed Footway Works.**2019/20 Remaining 30 Schemes subject to funding in (Year 5)**

Unique Reference	Road Name - Section	Ward	Indicative Cost
F157	Finchley Road	Childs Hill	474,300
F192	West Heath Road	Childs Hill	11,968
F166	North End Road	Childs Hill/Garden Suburb	256,632
F117	Cherry Tree Road	East Finchley	50,660
F260	Summerlee Gardens	East Finchley	46,920
F132	Huntingdon Road	East Finchley	114,240
F259	Leicester Road	East Finchley	93,160
F257	Bedford Road	East Finchley	111,724
F148	St Marys Avenue	Finchley Church End	107,168
F155	Windsor Road	Finchley Church End	95,472
F197	Holders Hill Road	Finchley Church End/Mill Hill	236,776
F240	Harford Walk	Garden Suburb	26,656
F261	Brookland Rise	Garden Suburb	70,040
F264	Southway	Garden Suburb	54,468
F172	Clifton Gardens	Garden Suburb	53,040
F238	Rowan Walk	Garden Suburb	39,236
F262	Meadway	Garden Suburb	76,500
F199	Birnbeck Close	Garden Suburb	12,852
F258	Hutchings Walk	Garden Suburb	64,192
F241	Totnes Walk	Garden Suburb	26,928
F263	Meadway	Garden Suburb	23,664
F239	Monkville Avenue	Golders Green	55,760
F147	Portsdown Avenue	Golders Green/Garden Suburb	91,052
F127	Princes Avenue	West Finchley	77,180
F250	Nethercourt Avenue	West Finchley	73,712

A3.4. - Proposed Footway Works.**2019/20 Remaining 30 Schemes subject to funding in (Year 5)**

Unique Reference	Road Name - Section	Ward	Indicative Cost
F151	The Grove	West Finchley	104,720
F176	Claverley Grove	West Finchley	73,780
F104	Ballards Lane	West Finchley	23,936
F149	Stanhope Road	Woodhouse	49,980
F231	Limes Avenue	Woodhouse	48,756

B1. – Structures Schemes List		
Previous and Current Load Assessments (42 Structures)		
Phase	Structure Name	Assessment findings
Phase 1	Abbotts Road over Burnt Oak Brook LBB No 5/12/9	18t flexure / 40t Shear (IB calc's) Intrusive Investigation not required - Information extracted from 277 Form
	Bell Lane Bridge (ref: 5/6/1)	Intrusive investigation not required - PI and load assessment from 1993
	Brookland Rise over Mutton Brook, LBB No 5/5/10.	40t HA loading 45 units HB
	Crossway/Hillfield Avenue over Silkstream LBB No 5/11/12.	Problematic Access
	Deansbrook Road Culvert LBB No 5/12/8	Assessment from 1993 states 40t so no intrusive investigation required
	Deansbrook Road by Railway (ref: 2/05)	40t HA loading 45 units HB
	Hale Lane Bridge (1) LBB No 2/10	40t HA loading 40 units HB
	Kingsley Way over Mutton Brook, LBB No. 5/5/5.	Assessment has been carried out and states 7.5t and Group 1 FE.
	Lawton Road Culvert (ref 5/1/4)	40t HA loading 45 units HB
	Margaret Road Barrel (ref 5/1/11)	40t HA loading 40 units HB
	Hendon Wood Lane Culvert (ref: 5/4/1)	No 277 Form available - Assessment to be undertaken
	Argyle Road over Dollis Brook, (ref 5/4/18.)	277 Form with limited information
	Colindeep Lane over Silkstream LBB No 2/08	Needs Intrusive inspection but form of structure may not be good for it.
	Fursby Avenue over Dollis Brook,(ref : 5/4/20)	No 277 Form available
	Laurel Way Bridge (ref:5/4/15)	Intrusive Investigation Required Break out
	Littlegrove Culvert (ref 5/1/15)	No 277 Form available
	Dollis Road over Dollis Brook, LBB No 5/4/25.	Problematic Access
	Hale Lane by The Grove LBB No. 2/12	Problematic Access
Hendon Lane Bridge, LBB No 5/4/31. (Also Ref 2/04 ?)	Problematic Access	

B1. – Structures Schemes List		
Previous and Current Load Assessments (42 Structures)		
Phase	Structure Name	Assessment findings
	High Street (A5) over Edgware Brook, LBB No 2/16.	Problematic Access
Phase 2	Brent Street over River Brent LBB No 2/09A & 2/09B	
	Bunns Lane over LBB No 5/15/3D (Has been filled)	N/A - buried structure (Filled in)
	Hale Lane Culvert (2) LBB No 2/11	Problematic Access
	Market Lane over Silk Stream LBB No 5/11/3	
	Montrose Avenue over Silk Stream LBB No 5/11/6	
	Mount Road Barrel (ref 5/1/12)	40t HA loading, 37.5 units HB
	Northway over Mutton Brook, LBB No 5/5/7.	
	Osidge Lane Bridge (ref: 5/1/22)	
	Park Road Culvert-1 (ref 5/1/6)	40t HA loading, 35 units HB
	Park Road Culvert-2 (ref 5/1/10)	
	Parkside Gardens Bridge (ref: 5/1/19)	
	Priestley Way over River Brent LBB No 5/6/12	
	Regents Park Road Culvert LBB No 2/02.	
	Sheaveshill Avenue over Silkstream LBB No 5/11/11	
	Silkstream Road over Silk Stream LBB No 5/11/4	
	Southover Bridge (ref: 5/3/10)	
	Tillingham Way over Dollis Brook. (ref 5/4/16)	
	Uplands Road Bridge (ref: 5/1/21)	
Waverley Grove over Dollis Brook, LBB No 5/4/30.		
West Hendon Bridge(A5), LBB No 2/14 A & B.		
Previously	Deansbrook Road Bridge, LBB 2/03	Carriageway - 3T ALL plus group 2 Fire Engine

B1. – Structures Schemes List		
Previous and Current Load Assessments (42 Structures)		
Phase	Structure Name	Assessment findings
assessed		Footways - Not Assessed
	Watling Avenue Bridge LBB 5/11/2	40/44 t

B2. – Structures Schemes List			
Structures for Load Assessment 2016/17 Works Cost: £820k.			
Priority	Structure Name	Construction Form	Construction Material
Potential Structures to be assessed in 2016/17	Abercorn Road Bridge (ref:5/4/25)	Beam / Girder (box beams)	Rc Concrete
	Baring Road Culvert (ref:5/1/3)	Beam / Girder (box beams)	Masonry or stone
	Barnet Lane Bridge (ref:5/4/9)	Slab	Masonry or stone
	Barnfield Road Bridge (ref:5/11/1)	Slab	Reinforced Concrete
	Brookhill Road Bridge (ref:2/01)	Circular Pipe	Brickwork
	Burnt Oak Car Park (embankment)	Solid Slab	Reinforced Concrete
	Dryfield Road Culvert	Slab	Reinforced Concrete
	Edgewarebury Lane culvert (ref 5/14/03)	Box Culvert	Reinforced Concrete
	Eversleigh Road Footbridge	Solid Slab	Encased Steel
	Fordham Road Culvert (ref 5/1/5)	Beam / Girder (box beams)	Blockwork
	Gold Hill Culvert	Slab	Reinforced Concrete
	Gordon Road Bridge (ref 5/4/23)	Not stated	Not stated
	Meads School Culvert ref 5/12/06	Slab	Reinforced Concrete
	Quakers Course Subway ref 2/S/LA/67	Slab	Reinforced Concrete
	Sanders Lane East Bridge ref 5/15/1D	3 span arch	5 ring brickwork
	Shirehall Park bridge ref 5/6/3	Slab	Reinforced Concrete
	Station Road Hendon Lul Bridge Ref lbb1/03	Unknown	Unknown
	The Meads Culvert ref 5/12/04	Slab	Reinforced Concrete
Totteridge Lane Bridge ref 2/06	Slab	Blockwork / masonry	
Non essential assessments	Cool Oak Lane Bridge (5/11/13)	Arch	Brickwork
	Brookside Bridge (ref:5/1/13A)	Solid Slab	Masonry or stone
	Graham Park subway (ref 5/15/2C)	Box Culvert	Reinforced Concrete
	Kenley Avenue Subway (ref 5/15/10c)	Box Culvert	Reinforced Concrete
	Lanacre Central Subway (ref 5/15/4C)	Box Culvert	Reinforced Concrete
	Lanacre East Subway (ref 5/15/3C)	Box Culvert	Reinforced Concrete
	Lanacre West Subway (ref 5/15/5C)	Box Culvert	Reinforced Concrete
	Longmead subway	Box Culvert	Reinforced Concrete

B2. – Structures Schemes List			
Structures for Load Assessment 2016/17 Works Cost: £820k.			
Priority	Structure Name	Construction Form	Construction Material
	Farm Road / Brook Avenue Bridge (ref 5/9/8)	Slab	Reinforced Concrete
Assessments not required	A406 Friern Barnet Bridge	Arch	Prestressed Concrete
	Cat Hill Bridge (ref:5/1/13)	Solid Slab	Masonry or stone
	Colindale Avenue Bridge (ref 5/11/10)	Beam/ Girder	Steel & insitu concrete
	Cornermead East Subway (ref 5/15/6C)	Unkown	Unkown
	Cornermead West Subway (ref 5/15/7C)	Unknown	Unknown
	Glendale Avenue Channel / Retaining Wall (ref 5/14/02)	Cantilever Wall	Reinforced Concrete
	Sanders Lane West Bridge 5/15/2D	3 span arch Widened 1950 with concrete beam and slab which was strengthened in 1999 with steel beams	5 ring brickwork Additional steel & concrete deck section

C. – Drainage Schemes List			
List of Barnet Critical Drainage Areas prioritised for a study in 2016/17: Top 10 £250k			
Location	SWMP Revised Priority	Watercourse present in CDA	Description
Golders Green	N/A - Already Investigated as part of Decoy Brook investigative work.	Decoy Brook	Multiple areas of ponding in the Golders Green area. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: a police station, a school, Golders Green railway station, the A502, A598, A406, several sections of a railway line and 20 electricity installations. Surface water flow path predominantly follows the route of Decoy Brook. Main issue relates to culvert and trash screens on Decoy Brook becoming blocked with debris.
Friern Barnet	1	Pymmes Brook	Multiple areas of deep ponding in the Friern Barnet area. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 5 electricity installations and a section of railway line.
Childs Hill	2	Clitterhouse Stream	Multiple areas of ponding near Childs Hill. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 3 schools, the A41, A598, A407 and 12 electricity installations. There is a small brook running through this CDA which is the predominant flow path for surface water. There are two areas of deep ponding within the CDA both of which correspond with areas of the watercourse through embankments. The area of regeneration is at the downstream end of the CDA and poses a potential opportunity to implement green measures to minimise runoff from any new development, however this is not likely to improve the flooding elsewhere within this particular CDA.
Bittacy Park	3		Multiple surface water flow paths through this CDA with several areas of ponding at various depths. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 1 school, Mill Hill East Railway Station and 12 electricity installations. Mill Hill East has been identified as an area for intensification.
Mill Hill Circus	N/A - Already Investigated as part of Mill Hill investigative work.	Walting Ditch and Folly Brook	Several areas of flooding all converging at Mill Hill Circus. The roundabout is in a natural low point in the topography so water from the surrounding areas drains to this location. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: the A1, 4 schools and 4 electricity installation. Main

			issue in this area is the Mill Hill Circus roundabout as this is a critical location on the A1 and the modelling and historical flooding information suggest that surface water flooding in this location will block the entire route. So options considered should focus on resolving this issue.
Oakleigh Park	4	Pymmes Brook	There are multiple areas of surface water ponding in and around Oak Hill Park. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: a section of railway line, 3 schools and 8 electricity installation. The Brunswick Park regeneration area falls within a small area of this CDA so any future development in the regeneration area should take into account the flood mitigation options.
Muswell Hill	5	Strawberry Vale Brook	Surface water flow path through this CDA with multiple areas of ponding at various depths. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 3 schools and 2 electricity installations.
Barnet	6	Dollis brook?	Multiple areas of deep ponding in and around Barnet. Ponding is affecting property (189 residential, 2 affected >0.5m and 9 commercial) and critical infrastructure. Critical infrastructure at risk: 3 schools and 3 electricity installations. Area of regeneration in Underhill to the south of the CDA.
Hendon Way	7	Clitterhouse Stream	Multiple areas of ponding in and around Hendon Way. Ponding is affecting property (38 residential properties and 4 commercial properties) and critical infrastructure. Critical infrastructure at risk: a school, the A406, several sections of a railway line.
Longmore Avenue	8	Pymmes Brook	Multiple areas of ponding in and around Longmore Avenue. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 3 electricity installations and a railway line.
Hadley	9		Multiple areas of deep ponding in the Hadley area. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: Police station, fire/ambulance station, High Barnet station, 2 main A roads and 7 electricity installations.
Coppetts Wood	10	Strawberry Vale Brook	Multiple areas of ponding in the Coppetts Wood area. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 3 electricity installations, an ambulance depot, 3

			schools and the A1000.
Oakleigh Park	11		Multiple surface water flow paths through Oakleigh Park, ponding adjacent to Pymmes Brook. Flooding is affecting property and critical infrastructure. Critical infrastructure at risk: Oakleigh Park railway station, 2 schools, 3 electricity installations and sections of the railway line. Flooding is particularly extensive at the railway station and the flooding in the residential areas is relatively shallow and patchy.
Long Lane	12		Surface water flow path through this CDA with multiple areas of ponding at various depths. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 2 schools, 2 electricity installations a small section of the railway line and the A1000.
Broadfields Ditch	13		Deep areas of ponding upstream of road culvert. Property affected upstream of the A41 culvert. This is a an overland flow issue, as surface water is following old open river valley. Surface water is affecting property and critical infrastructure. Critical infrastructure at risk: an electricity sub station, an electricity installation and a school. No regeneration area within this CDA.
Sunnyhill Park	14		Deep area of ponding alongside the railway embankment. Property is affected by this deep area of ponding. Surface water within this CDA is affecting property and critical infrastructure. Critical infrastructure at risk: A1, A41, a school and 5 electricity installations.
Victoria Road	15		Surface water flow path through this CDA with several areas of ponding at various depths. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: A502, A504, 2 schools, a telephone exchange, a government office and 6 electricity installations.
Church End Farm	16		Deep area of ponding to the east of the M1 where Aerodrome Road passes underneath the railway line and motorway. Property is affected by this deep area of ponding. Surface water within this CDA is affecting property and critical infrastructure. Critical infrastructure at risk: A41, a school and Middlesex University.
Lichfield Road	17		Large area of deep flooding on Lichfield Road. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: the A407, Cricklewood Railway Station and 2

			electricity installations. Predominant cause of ponding is the restriction on flow posed by a subway under the railway line.
Victoria Park	18		Multiple areas of ponding near to Victoria Park with one area of deep ponding to the SE of the CDA. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: a hospital, 3 schools, 2 electricity installations and a small section of the A1000.
Creighton Avenue	19		Surface water flow path through this CDA with multiple areas of ponding at various depths. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 1 electricity installations.
Brunswick Park	20		There are several surface water flow paths through Brunswick Park. Surface water is affecting property and critical infrastructure. Critical infrastructure at risk: a section of railway line and 6 electricity installation. The Brunswick Park regeneration area falls within this CDA so any future development in the regeneration area should take into account the flood mitigation options as outlined below.
Grahame Park	21		There are multiple areas of surface water ponding in and around Grahame Park. Ponding is affecting property and critical infrastructure. Critical infrastructure at risk: 2 schools, 2 police stations, 16 electricity installation. The Burnt Oak and several of the Colindale regeneration areas fall within this CDA so any future development in this area should take into account the flood mitigation options as outlined below.
Blondell Road	22	Walting Ditch	Surface water flow path along Blondell Road. Flow path is affecting property and critical infrastructure. Critical infrastructure at risk: 1 electricity installation. There is a small area of the Burnt Oak regeneration area that falls within this CDA any future development in this area could benefit this CDA.
Mill Hill	23		Large area of deep flooding on Hale Road. Main flow pathway is along a culverted area of watercourse. Ponding is affecting property (49 residential, 6 >0.5m and 1 commercial property >0.5m) no critical infrastructure is at risk. There are critical infrastructure assets within this CDA (A5109, a school and 1 electricity installation) but they are not at risk of flooding.

Westchester Drive	24	Surface water flow path through this CDA with several areas of ponding at various depths. Ponding is affecting property (86 residential properties, 7 >0.5m and 8 commercial properties) and critical infrastructure. Critical infrastructure at risk: A1, 1 school, 1 hospital and 2 electricity installations.
Duck Island	25	Multiple areas of deep ponding in the Ducks Island area. Ponding is affecting property (264 residential, 1 affected >0.5m and 24 commercial, 4 affected >0.5m) and critical infrastructure. Critical infrastructure at risk: Barnet Hospital, 2 schools and 1 hazardous waste site.
Pricklers Hill	26	Multiple areas of ponding with one area of particularly deep flooding in the Pricklers Hill area. Ponding is affecting property (54 residential properties, 6 >0.5m and 25 commercial properties, 1 >0.5m) and critical infrastructure. Critical infrastructure at risk: the A1000 and a section of railway line.
Brent Terrace	27	Multiple areas of ponding in Claremont Way Industrial Estate. Ponding is affecting several commercial properties but no critical infrastructure is at risk.
Edgware Station	28	Surface water ponding along the railway line at Edgware station. Ponding is affecting critical infrastructure. Critical infrastructure at risk: Edgware Station and the railway line to the south east of the station.
Scratchwood	29	Area of ponding shown on the railway line adjacent to Scratchwood. Ponding is affecting critical infrastructure. Critical infrastructure at risk: Railway line south of Elstree Tunnel. Flooding is from a combination of fluvial and surface water.
Arkley	30	Predominant flood risk in this area is from small field drains overtopping rather than from surface water. Flooding is affecting 34 residential properties, 9 commercial properties, no critical infrastructure is affected.
Claremont Way Industrial Estate	31	Multiple areas of ponding in Claremont Way Industrial Estate. Ponding is affecting several commercial properties but no critical infrastructure is at risk.