SSA EQUALITY IMPACT AND NEEDS ANALYSIS

Directorate	Environmental and Community Services
Service Area	Spatial and Transport Strategy
Service/policy/function being assessed	Hospital Bridge Road Corridor Scheme
Which borough (s) does the service/policy apply	Richmond
to	
Staff involved in developing this EINA	Shonelle Eccles, Transport Planner
Date approved by Directorate Equality Group (if applicable)	
Date approved by Policy and Review Manager	23/01/2024
All EINAs must be signed off by the Policy and	
Review Manager	
Date submitted to Directors' Board	

1. Summary

Please summarise the key findings of the EINA.

Hospital Bridge Road is a classified road (B358) running north to south and maintains a 20mph speed limit. The road serves a broad mix of functions including residential properties, Turing House School, Bishop Perrin Church of England Primary School, Twickenham Day Nursery, the Whitton Corner Health and Social Care Centre and Twickenham Cemetery. The road is located in both Heathfield and Witton wards, however the proposed section of development is located in Heathfield. The road maintains an uncontrolled parking zone.

In its current state the road features a wide carriageway, narrow footways, and no dedicated cycle facilities. In turn these features have produced issues such as vehicle dominance and high vehicle speeds and a lack of cycling and pedestrian priority. Accordingly, a corridor study was commissioned for the entirety of the road and the findings were presented at the Transport and Air Quality Committee in February 2023. Approval was given to consult on walking, cycling and public realm improvements options between Ashley Drive and the A316 Chertsey Road.

Feedback was requested for three potential options between the Powder Mill Lane/ Percy Road junction and Ashley Drive and the potential for a Quietway link utilising Crane Park Road/ Hospital Bridge Road slip road. Each option included decluttering, an increase in street trees and new zebra crossings. The three options that were consulted were:

- Option 1: Two-way cycle track along Twickenham Cemetery.
- Option 2: With flow cycle tracks (separate northbound and southbound cycle tracks).
- Option 3: Southbound-only cycle track along Twickenham Cemetery.

The results of the consultation confirmed that Option 1 (17%) was the most favoured out of the three options provided. Regarding Crane Park Road and creating a Quietway route, 36% answered positively, 17% supported the changes in part, 5% did not know and 42% did not support the changes.

The positive impacts of the scheme include improved air quality, reducing vehicle speeds whilst retaining vehicle capacity, improved pedestrian and cycling spaces. Furthermore, it will address the current unmet need of safe cycle facilities for cyclists, particularly for children travelling to and from the local schools.

The potential negative impacts of the scheme include the likely increase in difficulty for people, including those in protected groups, to find a parking space. To help mitigate this, Option 2 has not been recommended as it would require the highest amount of parking removal compared to Option 1 and 3. Another negative impact is the removal of existing greenery to make way for the proposed works. To mitigate this, if Option 1 is approved, designs of the two-way cycle track will be amended to reduce the loss of mature trees.

2. Evidence gathering and engagement

a. What evidence has been used for this assessment? For example, national data, local data via DataRich or DataWand

Evidence	Source
National Data	2021 Census Area Profile – Richmond upon Thames Local Authority
Local Data	GLA 2020
Local Data	ONS 2020
Local Data	LBR Refugee Services Team data – 2023 and AfC Schools Data - 2023
Local Data	Marmot Indicators - ONS 2018 - 2020

b. Who have you engaged and consulted with as part of your assessment?

Individuals/Groups	Consultation/Engagement results	Date	What changed as a result of the consultation
Residents,	Overall, 53% of respondents did not support any	19/04/23	The options were
businesses, and	of the three options, 17% supported Option 1,	-	narrowed down as a result
groups of Hospital	15% supported Option 2, 11% supported Option	09/06/23	of the consultation.
Bridge Road.	3 and 3% did not know.		Moving forward we are
			recommending Option 1
	For Crane Park Road and the establishment of a		and following feedback,
	Quietway route, 36% answered positively, 17%		adjustments have been
	said that they supported the changes in part, 5%		proposed for the two-way
	did not know and 42% did not support the		cycle track to reduce the
	changes.		loss of mature trees.
			Additionally, the option of
	The most cited reason for objecting to the scheme		extending the scheme to
	was concern over (uncontrolled) parking loss.		Montrose Avenue in a
	Further concerns were raised in regard to the		second phase, connecting
	interference of existing greenery.		to Turing House School, is
			under consideration. The
	Relative levels of support was requested for the		scheme will result in the
	introduction of segregated cycle facilities		loss of some uncontrolled
	between Ashley Drive and the A316, new		parking, however this
	pedestrian crossings at Longford Road and by		option requires the least
	Twickenham Cemetery, raised tables across the		amount of parking loss,
	side road, new greenery and sustainable drainage		with the design of this

roads (41%).

3. Analysis of need

Potential impact on this group of residents and actions taken to mitigate impact and advance equality, diversity and inclusion

Protected group	Findings		
Age	ONS Census 2021		
		Geography Richmond upon Thames	
	Measures	Value	Percent
	Age		
	Total: All usual residents	195,278	100.0
	Aged 4 years and under	11,103	5.7
	Aged 5 to 9 years	12,813	6.6
	Aged 10 to 15 years	15,531	8.0
	Aged 16 to 19 years	7,849	4.0
	Aged 20 to 24 years	8,229	4.2
	Aged 25 to 34 years	22,049	11.3
	Aged 35 to 49 years	46,948	24.0
	Aged 50 to 64 years	39,309	20.1
	Aged 65 to 74 years	17,084	8.7
	Aged 75 to 84 years	10,222	5.2
	Aged 85 years and over	4,141	2.1
	Figures show that the Richmon	d population is repres	sented the most
	in the age group of 35 to 49 ye	ars (24%), followed b	y 50 to 64 years
	(20.1%). The least represented	•	• •
	by 16 to 19 years (4%). Despite		•
	being the least represented, it		•
	the most affected by the propo	• • •	
	would rely on a vehicle to tran	•	•
	is similar for 65 to 74 years and	•	together equals
	13.9% of the Richmond popula	tion.	

Disability			
	ON	S Census 2021	
	Geography	Heathfield (%)	Richmond upon Thames (%)
	Day-to-day activities limited a lot	6.1	4.5
	Day-to-day activities limited a little	8.8	7.6
	Has long term condition but not limited	5.7	6.9
	No long term conditions	79.4	81.1
Sex	borough, indicated that they their day-to-day activities a l 81% of the borough, indi conditions. Residents who i more reliant on vehicles and some parking.	lot. Over 79% of the icated that they I ndicated they have	e ward, compared to have no long-term a disability may be
	ON	S Census 2021	
	Geography	Richmond upo	on Thames
	Measures	Value	Percent
	Sex		
	All persons	195,278	100.0
	Male	93,961	48.1
	Female	101,317	51.9
	Figures outline that the pere	centage of female re	esidents is higher at
Gender reassignment	The 2021 Census recorded that 93.98 from sec registered at birth, 0.15% ar at birth, 0.09% are trans women, 0.0 are 'All other gender identities and 5.	re a different gender 07% are trans men, (r identity from sex register 0.04% are non-binary, 0.05

Marriage and civil partnership		ONS Census 2021		
	Geography		Richmond upon Thames	
	Measures		Value	Percent
	Legal partnership sta	itus		
	Total: All usual resident		155,834	100.0
	Never married and never partnership	er registered a civil	55,958	35.9
	Married or in a registere	ed civil partnership	77,105	49.5
	Married		76,477	49.1
	In a registered civil par	tnership	628	0.4
	<u> </u>	ally married or still legally	3,005	1.9
	Divorced or civil partner	rship dissolved	12,518	8.0
	Widowed or surviving ci		7,248	4.7
	Figures show that the hi	ghest percentage for partners	ship status in the	e borough is
		d civil partnership at 49.5%.	·	0
Pregnancy and				
naternity	ONS Census 2021			
	Geography Richmond Thame			
	Birth rate per 1,000 fem in 2021.	nales aged 15 to 44 years		56.9
Race/ethnicity				
		ONS Census 2021		
	Measures	Heathfield (%	-	ond upon nes (%)
	White	59.6	80.5	
	Asian	25.8	8.9	
	Mixed	5	5.5	
	Other	4.9	3.3	
	Black	4.6	1.9	
	the largest ethnicity gro Ethnic Minority groups population in Heathfield currently underrepresen backgrounds (Travel in Lo Asian & Ethnic Minori	und make up 59.6% of the He up for this ward. Besides th make up substantial combi l. People of Black, Asian and ted in walking and cycling co ondon Annual Overview, 2023 ty groups are more likely turn, being subject to great	is, people of Bla ined total of 50 Ethnic Minority ompared to peo). Therefore, peo to rely on a	ack, Asian & 0.4% of the groups are ple of white ple of Black vehicle fo

	ONS Census 2021		
Geography	Heathfield (%)		ond upon es (%)
Christian	41.8	45.4	
No religion	25	37.9	
Not answered	5.8	7.1	
Muslim	12.9	4.3	
Hindu	7	2.1	
Sikh	5.6	1.0	
Buddhist	0.9	0.8	
Other religion	0.7	0.7	
Jewish	0.2	0.6	
Heathfield was Mus	slim, with 12.9%. At least		-
	ONS Census 2021		
Geography		Richmon Than	•
Measures		Value	Percent
Sexual orientation			
Total: All usual resi over	dents aged 16 years and	155,829	100.0
Straight or Heteros	sexual	138,752	89.0
Gay or Lesbian		2,894	1.9
Bisexual		1,848	1.2
Pansexual		120	0.1
Asexual		93	0.1
Queer		57	0.0
-			
All other sexual ori	entations	220	0.1
All other sexual ori Not answered	entations	220 11,845	0.1 7.6
Not answered	entations at majority of the populat	11,845	7.6
Not answered Figures outline th		11,845 ion in the b	7.6 orough is
Not answered Figures outline th heterosexual (89%	at majority of the populat	11,845 ion in the b exual orientat	7.6 orough is tion being
Not answered Figures outline th heterosexual (89% gay or lesbian (1.9 not answer.	at majority of the populat), with the next indicated se %). It should also be noted t	11,845 ion in the b exual orientat hat 7.6% of p	7.6 orough is tion being beople did
Not answered Figures outline th heterosexual (89% gay or lesbian (1.9 not answer.	at majority of the populat), with the next indicated se %). It should also be noted t vailable to determine any find	11,845 ion in the b exual orientat hat 7.6% of p	7.6 orough is tion being beople did
Not answered Figures outline th heterosexual (89% gay or lesbian (1.9 not answer.	at majority of the populat), with the next indicated se %). It should also be noted t vailable to determine any find	11,845 ion in the b exual orientat hat 7.6% of p	7.6 orough is tion being beople did
	Christian No religion Not answered Muslim Hindu Sikh Buddhist Other religion Jewish For both Heathfield Christianity. Besides Heathfield was Mu Heathfield are religi Geography Measures Sexual orientation Total: All usual resi over Straight or Heteros Gay or Lesbian Bisexual Pansexual Asexual	GeographyHeathfield (%)Christian41.8No religion25Not answered5.8Muslim12.9Hindu7Sikh5.6Buddhist0.9Other religion0.7Jewish0.2For both Heathfield and the borough, the most Christianity. Besides Christianity (41.8%), the net Heathfield was Muslim, with 12.9%. At least Heathfield are religious.ONS Census 2021GeographyMeasuresSexual orientationTotal: All usual residents aged 16 years and overStraight or HeterosexualGay or LesbianBisexualPansexualAsexual	GeographyHeathfield (%)Richmon ThamChristian41.845.4No religion2537.9Not answered5.87.1Muslim12.94.3Hindu72.1Sikh5.61.0Buddhist0.90.8Other religion0.70.7Jewish0.20.6For both Heathfield and the borough, the most indicated rn Christianity. Besides Christianity (41.8%), the next common Heathfield are religious.ONS Census 2021GeographyRichmon ThanMeasuresValueSexual orientation155,829 overStraight or Heterosexual138,752 Gay or Lesbian2,894 BisexualBisexual1,848 Pansexual120 Asexual93

Socio-economic status (to be treated as a protected characteristic under Section 1 of the Equality Act 2010) Include the following groups:

- Deprivation (measured by the 2019 English Indices of Deprivation)
- Low-income groups
 & employment
- Carers
- Care experienced people
- Single parents
- Health inequalities
- Refugee status

Deprivation – Indices of Deprivation 2019

The English Indices of Deprivation 2019 rank each small area (Lower Super Output Area) in England from most deprived to least deprived, with 1 being the most and 10 being the least. Income, employment, education, health, crime, barriers to housing and services and living environment are the seven domains of deprivation.

Between 2015 and 2019 Richmond was within the 10% least deprived Local Authorities in England and was the least deprived London Borough. The borough ranks amongst the least deprived third of LAs in England for five of the seven deprivation domains (Barriers to Housing & Services; Education, Skills & Training; Employment; Health Deprivation & Disability; Income) and is the least deprived in England for Education, Skills and Training. All LSOAs in Heathfield, where the scheme is located, were amongst the 50% most deprived locally on the Index of Multiple Deprivation (IMD).

Low-income groups & employment – DWP 2023		
Measures	Richmond population (%)	London population (%)
People on Universal Credit	7.9	16.2
People claiming out of work benefits	2.3	5
Richmond has a considerably low	er percentage of re	esidents claiming
Universal Credit or out of work be	nefits compared to	London.
Income and Pove	erty- DWP and ONS	
Measure	Richmond	London
	population (%)	population (%)
Households living in fuel poverty	8	NA
(2020)		
Children living in families with	5.1	15
Relative Low Income (2021/22)		

Occupation (Carers) – ONS Census 2021

7.2% of the borough's population were providing unpaid care and 2.8% were providing more than 20 hours of care a week. Over 3000 carers are registered with the Richmond Carers Centre.

Households - ONS Census 2021	
Measures	Value
Total: Out of married or civil partnership couples, cohabiting couple family, lone parent family and other single-family household in RuT.	45922
Lone parent family	7078

res Richmond upon Lon Thames (years) (ye	Measures
-	Inequality in life expectancy at birth – females (2018 – 20)
ectancy at 5.3	Inequality in life expectancy at birth – males (2018 – 20)
utline that Richmond has a lower inequalit compared to London for both females and r	The figures above outline that Richn
res Richmond upon Eng Thames (years) (ye	Measures
	Life expectancy at birth in least deprived decile – females (2018 – 20)
	Life expectancy at birth in least deprived decile – males (2018 – 20)
birth in most 83.4	Life expectancy at birth in most deprived decile – females (2018 – 20)
	Life expectancy at birth in most
ales (2018 – 20) now that Richmond has a higher life expect ost deprived deciles compared to England, f sidents. In addition, the most deprivied deci ncy, compared to higher deciles in Richmo	deprived decile – males (2018 – 20) The figures above show that Richmo both its least and most deprived dec female and male residents. In addition
ales (2018 – 20) now that Richmond has a higher life expect ost deprived deciles compared to England, f sidents. In addition, the most deprivied deci ncy, compared to higher deciles in Richmo	deprived decile – males (2018 – 20) The figures above show that Richmo both its least and most deprived dec female and male residents. In additional a lower life expectancy, compared both male and female. Life expectancy interconnects with p Characteristically, lower decile peop subject to greater heath inequalities range from a lack of access to q environments such as poor-quality for access to green space, and befor drinking, smoking, physical inactive

-	vices Team data – 2023 ols Data - 2023
Geography	Richmond upon Thames
Scheme	Value
Syrian Resettlement scheme (2015 – October 2023)	32
Afghan Resettlement scheme (2021 – October 2023)	19
Homes for Ukraine scheme (2022 – November 2023)	975
Unaccompanied Asylum – seeking children	26
Hong Kong BNO scheme	No exact data available, however proxy data shows 696 primary and secondary pupils are from Hong Kong. Further, 985 people indicated there were born in Hong Kong in the 2021 Census.

Data gaps

Data gap(s)	How will this be addressed?
No data gaps identified	

4. Impact

Protected group	Positive	Negative
Age	Positive While all age groups would experience benefits from the proposed options, it is considered that school age children, parents, and guardians would be among the most positively impacted. This is given that multiple education facilities currently exist along the road, in which cyclist and pedestrians have limited priority over vehicles. By providing designated cycling facilities where none currently exist, it helps to reduce the risk of accidents, particularly for cyclists that have limited experience in navigating traffic. All age groups would benefit from improved air quality and reduced traffic congestion.	Elderly people who rely solely on their vehicles to get to businesses along Hospital Bridge Road could potentially be adversely affected by the proposal as it may become more difficult to find a parking space immediately on the road. In order to mitigate this, the Council have recommended proceeding with Option 1, which requires the least amount of parking removal. Further, the Council would maintain carefully

Disability	Currently there is no safe or accessible cycle facilities along the road so cyclists using accessible cycles may be deterred. By providing separate cycle facilities that cater for all types of cyclists, it will encourage people of all abilities to use this active travel option. Additionally, improved footpaths and increased pedestrian crossings will help overall accessibility for all people. All people would benefit from better air quality and reduced traffic congestion.	Individuals with disabilities who rely on vehicles to access amenities on the road could potentially be negatively affected as finding vehicle parking spaces immediately on the street could become more difficult. To mitigate this, the Council would maintain sufficient locations where car parking by blue badge holders is permitted. Further, people with accessible cycles may be limited by the lack of existing accessible cycle parking options. To mitigate this, the Council would install accessible cycle parking options near the high amenity areas along the road.
Sex	In 2022/23 London wide, males averaged 0.49 vehicle trips per person per day, compared to females who averaged 0.38 trips per person per day (Travel in London Annual Overview, 2023). This is supported by London wide walking data, as females average 0.85 walking trips per person per day, while males averaged 0.76. In contrast, males averaged 0.09 trips per person per day via cycle, while females averaged 0.02 (Travel in London Annual Overview, 2023). While both males and females would receive benefits from the proposal, females are more likely to be advantaged by the pedestrian improvements and males by the cycle facilities. It is assumed that numbers for active travel modes would further increase for females when commuting alone at night or with children, as some may be more comfortable navigating Hospital Bridge Road in its current state by vehicle or public transport. By providing alternative active travel options that are well-design, safe and accessible, more women would feel confident enough to take up walking or cycling. Both males and females would receive positive impacts from reduced traffic congestion and improved air quality.	As outlined in the adjacent paragraph, data suggests that males are more likely to drive, therefore they would receive slightly greater impacts by the removal of parking spaces compared to that of females. However, the Council have recommended proceeding with Option 1, which requires the least amount of parking removal. Further, safe cycling and walking facilities would be provided as alternative transport options.
Gender reassignment	There is no data suggesting impacts	There is no data suggesting impacts
	specific to gender reassignment.	specific to gender reassignment.

	1			
Marriage and civil	There is no data suggesting impacts	There is no data suggesting negative		
partnership	specific to marriage and civil	impacts specific to marriage and civil		
	partnerships.	partnerships.		
Pregnancy and maternity	The proposal will provide a safer environment for parents who are wanting to transport their children via cargo bikes or simply navigate the footpaths with a stroller. Babies, children, and pregnant women will benefit from reduced congestion and improved air quality.	people caring for babies or youn children may rely on a vehicle as a quic and reliable transportation option particularly if they have a newborn. A outlined above, the proposal could		
Race/ethnicity	People of Black and Asian minority ethnic groups are currently underrepresented in walking and cycling compared to people of white backgrounds (Travel in London Annual Overview, 2023). In 2022/23, 29% of people with white backgrounds in London have cycled at least once in the last year, compared to 15% of people from Asian backgrounds and 15.2% of people with Black backgrounds (Travel in London Annual Overview, 2023). In terms of walking, in 2022/23 people of white backgrounds average 0.95 trips per person per day, while people of Asian backgrounds average 0.7 and people of Black backgrounds average 0.65 (Travel in London Annual Overview, 2023). It is considered that all ethnicities would benefit in some way from the proposed works. Further, it is assumed that people of Black or Asian minority ethnic groups would be more likely to cycle or walk if safe and accessible facilities are provided.	Minority groups are more likely to rely on a vehicle for transportation rather than walking or cycling. Among other factors, the potential reasons for this are time and cost, safety concerns on public transports, and access to reliable public transport. Therefore, it is considered that people of Black and Asian minority ethnic groups would be affected by the proposal due to removal of some on street parking. Like the above, the mitigating options would be to maintain carefully located on street parking spaces that are around key amenities on the road. Further, safe cycling and walking facilities that are well-designed, well-lit and accessibly would be provided as alternative transport options.		
Religion and belief,	There is no data suggesting impacts	There is no data suggesting negative		
including non belief	specific to religion and beliefs.			
Sexual orientation	- · · · · · · · · · · · · · · · · · · ·	impacts specific to religion and beliefs.		
Sexual orientation	There is no data suggesting impacts specific to sexual orientation.	There is no data suggesting negative impacts specific to sexual orientation.		
Socio-economic status	It is assumed that different socio-	Data shows that low-income		
(to be treated as a	economic groups would benefit from			
protected characteristic	well-connected and well-designed	walking but underrepresentation in		
	cycle facilities as it enables people to	cycling (Travel in London Annual		

under Section 1 of the	access different locations quickly,	Overview, 2023). In 2021, 78.7% of	
Equality Act 2010)	safely and easily within the city. This is	households in Heathfield owned 1 or	
Include the following	particularly beneficial if people have	more vehicles (ONS Census, 2021). In	
groups:	tight timeframes going between jobs or	some instances, owning a vehicle may	
• Deprivation (measured	activities. Further, cycling or walking is	be the cheapest and most feasible	
by the 2019 English	typically more reliable and an	option for some low-income	
Indices of Deprivation)	affordable option when compared to	households, besides walking. It is also	
• Low-income groups &	that of a private vehicle or some forms	considered that single parents and	
employment	of public transportation. All socio-	carers would rely on vehicles to assist	
• Carers	economic groups outlined would	with essential daily tasks. Therefore, it is	
• Care experienced	receive positive impacts from reduced	assumed that low-income households,	
people	traffic congestion and improved air	along with single parents and carers,	
Single parents	quality.	would be adversely affected by the	
Health inequalities		removal of parking spaces. Similar to	
Refugee status		above, Option 1, which requires the	
inclugee status		least amount of parking removal has	
		been recommend. Further, the Council	
		would maintain carefully located	
		parking spaces where the majority of	
		businesses are located along the road.	
		Lastly, the Council would maintain	
		sufficient locations where car parking by	
		blue badge holders is permitted.	

5. Actions to advance equality, diversity and inclusion

Action	Lead Officer	Deadline
If Option 1 is approved, designs of the two-way cycle track will be	Margo Turner	Prior to
amended to reduce the loss of mature trees. This will be accomplished by		implementation
'splitting' the two-way cycle track around mature trees and making a slight		
adjustment to the location of the middle zebra crossing to the north.		
To make the road feel safer in hours of darkness, the Council will review	Margo Turner	Prior to
the lighting for the proposal.		implementation