Urban Design Framework



Focus Area 1

Focus Area 2 Pocket Park Improvements

Focus Area 3 Wayfinding Signage

Focus Area 4 Pipeline Corridor Improvements Royal Gardens Park Improvements

> Focus Area 5 Richard Secord Traffic Improvements

Focus Area 6 114 Street Enhanced Pedestrian & Cyclist Connection (40 Ave to 44A Ave)

Focus Area 7 Harry Ainlay & Louis St. Laurent Traffic Improvements

Focus Area 8 Bus Stop Improvements

Focus Area 9 Intersection of 40 Ave and 114 St SHARE YOUR VOICE

Urban Design Themes

The following **Urban Design Themes** were developed based on the feedback from the Community Walk and Ideas Workshop and Survey. The themes represent the various aspects of urban design that could be incorporated into the renewal process.

Open Space



Opportunities were identified to better use various park spaces and pocket parks throughout the neighbourhood.

Traffic



Opportunities for traffic improvements in the neighbourhood were identified by community members.

Connectivity & Corridors



Opportunities related to pedestrian accessibility, sidewalk curb cuts, trail connections, and pedestrian crossings were identified.

Safety



Community members identified issues relating to safety concerns and perceptions within the neighbourhood. Safety concerns were incorporated into the focus areas.

Placemaking



Opportunities were identified to express the artistic talent of the community through various placemaking interventions. Placemaking opportunities were incorporated into the focus areas.

Lighting



A common lighting issue identified was the lack of sidewalk lighting in residential and park areas. Lighting concerns were incorporated into the focus areas.

Do the Urban Design Themes align with your Vision and Values for Royal Gardens? Use the post-it notes to leave your comments here.

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Open Space

Please place a sticker where you feel attention to Open Space is most needed in the community.



Royal Gardens Neighbourhood Boundary
 Key Destinations
 Existing Bike Routes
 Connections

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What are types of Open Spaces?

Open spaces within a community serve multiple purposes and age groups. The physical design of open spaces can enable active and passive activities. Some open spaces may function as playgrounds and organized sports fields while other open spaces may function as social relaxation and gathering areas.

Why are Open Spaces important to Royal Gardens?

Royal Gardens benefits from various open spaces scattered throughout the neighbourhood. Types of open spaces within Royal Gardens range from large district and community/school parks, to pipeline corridor/green belts and smaller pocket parks. These parks provide venues for recreational and community activities. It is important that open spaces meet the needs of a community.

Focus Areas - What We Heard

Focus Area 1: Pipeline Corridor Improvements



What We Heard: The open space is highly valued by the community. Improvements desired include trees, landscaping, seating areas, off-leash dog park amenities, lighting, public art, and pathways.

2 Focus Area 2: Pocket Park Improvements



What We Heard: Pocket parks are unknown by many community members and underutilized. Opportunities include improved park entrances and trimming of existing landscaping.



What We Heard: Opportunities include enhanced lighting and the addition of murals/art.





Open Space

Please use stickers to indicate your level of comfort with each idea. Use a post-it note to write down which element you like/don't like and why.

Focus Area 1: Pipeline Corridor Improvements	Potential Elements	Benefits	Trade-offs	What is	your ove	rall level	of comfo	rt?		What do you like/don't like about the potential element	:s?
	Plantings	 Increased shade within the green space Increased aesthetic and natural value to the neighbourhood 	- Additional maintenance considerations						È		
	Off-leash dog park amenities (signs, bags, garbage cans, and a possible fenced off area)	Enhanced off-leash dog use/ experience	 May impact other uses Increased pedestrian traffic in the area at all times of day 	1	2	3	Л		E, I	Add your comments	
	Seating areas/meeting pads	 Resting areas for pedestrians Creation of social meeting and gathering areas 	 Increased pedestrian traffic in the area at all times of day Possible vandalism of park furniture 		~	2	-			here	
specific considerations: overnents to the green space along the pipeline for are limited to types of work deemed ucally possible near a pipeline. Collaborative	Public Art	 Showcase local artist talent Expression of community identity Creation of unique public places 	 Possible vandalism Additional maintenance considerations 						EI		
lically possible near a pipeline. Collaborative ts between the City and the pipeline company equired to identify what projects are possible.	Pathway extension from 117 Street towards 122 Street	 Enhanced pedestrian accessibility and cyclist connectivity 	 Loss of grass for a pathway 	· · · · ·							
	Lighting improvements	Enhanced pedestrian and cyclist experience Increased pedestrian and cyclist safety	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	(1 is the low	est level of c	omfort, 5 ls t	the highest)				
Focus Area 2: Pocket Park mprovements	Potential Elements	Benefits	Trade-offs								
	Access Improvements	 Improved pedestrian access into pocket parks Enhanced visibility into pocket parks 	Increased pedestrian traffic in the area at all times of day								
	Landscaping improvements (trimming landscaping to Improve visibility)	· Enhanced visibility into pocket parks · Increased pedestrian safety	 Additional maintenance considerations Decrease in natural feel 	1	2	3	4		>	Add your comments here	
specific considerations: accessible by alley.	Lighting improvements	 Enhanced pedestrian and cyclist experience Increased pedestrian and cyclist safety 	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	:					E		
accession of any.					* * * * * *		*****				
Focus Area 4: Royal Gardens Park Improvements	Potential Elements	Benefits	Trade-offs						5		
N B	Lighting improvements	·Increased pedestrian safety	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	1	2	2	Л			Add your comments	
BALLAR COM	Murais/Art	 Showcase local artist talent Expression of community identity Creation of unique public places 	 Possible vandalism Additional maintenance considerations 		2	S	4			here	
-specific considerations: aboration between various community				S					7		
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Open Space

Please use stickers to indicate your level of comfort with each idea. Use a post-it note to write down which element you like/don't like and why.

Focus Area 1: Pipeline Corridor Improvements	Potential Elements	Benefits	Trade-offs	What is	your ove	rall level	of comfo	rt?		What do you like/don't like about the potential element	ts?
	Plantings	Increased shade within the green space Increased aesthetic and natural value to the neighbourhood	- Additional maintenance considerations								
	Off-leash dog park amenities (signs, bags, garbage cans, and a possible fenced off area)	Enhanced off-leash dog use/ experience	 May impact other uses Increased pedestrian traffic in the area at all times of day 	1	2	2	Л		Ę	Add your comments	
	Seating areas/meeting pads	 Resting areas for pedestrians Creation of social meeting and gathering areas 	 Increased pedestrian traffic in the area at all times of day Possible vandalism of park furniture 		~	5	-			here	
specific considerations: vements to the green space along the pipeline or are limited to types of work deemed ically possible near a pipeline. Collaborative	Public Art	Showcase local artist talent Expression of community identity Creation of unique public places	 Possible vandalism Additional maintenance considerations 						E		
cally possible near a pipeline. Collaborative s between the City and the pipeline company quired to identify what projects are possible.	Pathway extension from 117 Street towards 122 Street	 Increased walking and biking opportunities 	· Loss of grass for a pathway	· · · · · ·							
	Lighting improvements	Enhanced pedestrian and cyclist experience Increased pedestrian and cyclist safety	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	(1 is the low	est level of c	omfort, 5 Is t	he highest)				
ocus Area 2: Pocket Park nprovements	Potential Elements	Benefits	Trade-offs								
apting and	Access Improvements	 Improved pedestrian access into pocket parks Enhanced visibility into pocket parks 	Increased pedestrian traffic in the area at all times of day			_					
	Landscaping improvements (trimming landscaping to improve visibility)	• Enhanced visibility into pocket parks • Increased pedestrian safety	 Additional maintenance considerations Decrease in natural feel 	1	2	3	4		>	Add your comments here	
specific considerations: accessible by alley.	Lighting improvements	 Enhanced pedestrian and cyclist experience Increased pedestrian and cyclist safety 	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	:							
				****	*****	*****	*****	*****			
Focus Area 4: Royal Gardens Park mprovements	Potential Elements	Benefits	Trade-offs	1.1.1					5 6		
N.B.	Lighting improvements	Increased pedestrian safety	 Possible light pollution Increased pedestrian traffic in the area at all times of day 	1	2	2	Л			Add your comments	
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-specific considerations: aboration between various community				S					Z		
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Connectivity & Corridors

Please place a sticker where you feel attention to Connectivity & Corridors is most needed in the community.



Royal Gardens Neighbourhood Boundary
 Royal Gardens Neighbourhood Boundary
 Existing Crosswalks with Signals
 Frhanced Connections
 Key Destinations
 Wayfinding Signs

What are Connectivity & Corridors?

Corridors are primary travel routes between key destinations for pedestrian, cyclist, and vehicular traffic. Connectivity is how well key community and district level destinations are accessible via corridors.

Why are Connectivity & Corridors important to Royal Gardens?

Royal Gardens experiences traffic associated with district and neighbourhood destinations within the community. Various corridors within Royal Gardens can be enhanced to create more efficient and desirable neighbourhood streets while strengthening overall neighbourhood connectivity.

Focus Areas - What We Heard

3 Focus Area 3: Wayfinding Signage



What We Heard: Opportunity to develop wayfinding signage to direct pedestrians and cyclists through the community to key destinations.



What We Heard: Community members identified the opportunity for an enhanced pedestrian and cyclist connection from 40 Avenue, along 114 Street, to the Whitemud Drive pedestrian bridge.



Focus Area 8; Bus Stop

Improvements

8

What We Heard: The community identified that bus stops could be improved. Some bus stops do not have benches or shelters. The addition of bus stop amenities should be explored.



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Connectivity & Corridors

Please use stickers to indicate your level of comfort with each idea. Use a post-it note to write down which element you like/don't like and why.

3 Focus Area 3: Wayfinding Signage



Site-specific considerations: Sign design and location selection considerations.

Potential Elements	Benefits	Trade-offs
Provide Directions to: - Southgate Mail/LRT Station - Whitemud Creek Ravine - Royal Gardens Park - Rainhow Valley Road - Confederation Park - Sign at Intersection of 43 Avenue and Til Street - Sign at 40 Avenue and Ti9 Street	 Improved pedestrian and cyclist connectivity within the community and to surrounding destinations 	 Additional maintenance considerations

What is your overall level of comfort?



What do you like/don't like about the potential elements?

Add your comments here

(1 is the lowest level of comfort, 5 is the highest)

8 Focus Area 8: Bus Stop Improvements



Site-specific considerations: Future bus stop locations are contingent on the Bus Network Redesign.

Potential Elements	Benefits	Trade-offs
Ipdating existing and Installing new bus stop Inelters	 Enhanced experience for transit riders Protection from the elements while waiting for buses 	- Possible vandalism - Additional maintenance considerations
lenches	Resting areas for ETS transit riders	· Possible vandalism of furniture



Add your comments here



Connectivity & Corridors

Potential Elements

Shared Roadway (currently exists along 114 Street)

Please use stickers to indicate your level of comfort with each idea. Use a post-it note to write down which element you like/don't like and why.

Trade-offs

Lack of dedicated space



Wider sidewalks Improved pedestrian connectivity - Loss between multiple community destinations i.e. Greenfield Community League, St. Stanislaus Elementary School, and the Petroia Mall to the south, and the Confederation Park to the north	- Loss of roadway space		

What is your overall level of comfort?



What do you like/don't like about the potential elements?

> Add your comments here

Site-specific considerations: Adequate right-of-way width. Impacts to existing trees. Impacts to properties fronting onto 114 Street. Enhanced connection may need appropriate warning signs to improve safety.

At the past public engagement event, the opportunity for an enhanced bike connection

along 114 Street was identified. Below are benefits and trade-offs of bike route designs.

Benefits

Supports year-round cycling

(1 is the lowest level of comfort, 5 is the highest)

Please identify the most appropriate bike route design for 114 Street considering the benefits and trade-offs.

	Shared Roadway (current)	Protected Bike Lane	Bike Boulevard/ Painted Bike Lane	Raised Bike Lane	Shared use Path
or cyclists					
n may g one- : parking, s					
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g one- t parking, s or	Shared Roadway	Protected Bike Lane	Bike Boulevard/Painted	Raised Bike Lane	Shared use Path

(currently exists along 114 Street)

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Protected Bike Lane	 Separation of cyclists from pedestrians and motorists Supports year-round cycling Encourages people to choose cycling as a safe, healthy and efficient alternative to driving 	 Road space required which may result in: the road becoming one- way. removal of on-street parking, removal of boulevard trees
Bike Boulevard/Painted Bike Lane	 Additional road space not required since cyclists and motorists share Supports year-round cycling Encourages people to choose cycling as a safe healthy and efficient alternative to driving 	 No physical separation between cyclists and motor vehicles. Traffic calming measures often required to ensure vehicles operate at safe/comfortable speeds for shared space Could impact parking
Raised Bike Lane	 Separation of cyclists from pedestrians and motorists Supports year-round cycling Encourages people to choose cycling as a safe, healthy and efficient alternative to driving 	 Road space required which may result in: the road becoming one- way, removal of on-street parking, removal of boulevard trees or roadway narrowing
Shared use Path	Usually on parkland or road right-of- way Use the path to travel in both directions Supports year-round cycling Encourages people to choose cycling as a safe, healthy and efficient alternative to driving	 Cyclists and pedestrians share the space Space required may result in removal of existing boulevard trees or roadway narrowing

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Please place a sticker at locations you believe experience trafficrelated concerns.



Royal Gardens Neighbourhood Boundary
 Key Destinations
 Key Royal Gardens
 Key Destinations

Enhanced Connections

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200m

Traffic-Related Concerns

Traffic issues within the Royal Gardens neighbourhood, associated with school areas, emerged as one of the key concerns from the public feedback that was collected in previous public engagement. There is an opportunity to consider different roadway designs as part of neighbourhood renewal to help improve this.

Your feedback will help us identify what is most important to you regarding traffic-related design elements so we can make a decision on appropriate projects.

Focus Areas - What We Heard



What We Heard: It was identified that 117 Street between 40 Avenue and 41 Avenue experience high levels of traffic and congestion during peak school dop-off and pick-up hours. The opportunity to create wider sidewalks along 117 Street was also identified.

Focus Area 7: Harry Alnlay and Louls St Laurent Traffic Improvements





What We Heard: Opportunities for more defined and coordinated pedestrian crossings along 43 Avenue connecting the community to the schools and recreational facilities.



What We Heard: Opportunity to improve pedestrian crossing, traffic flow, and safety at the intersection of 40 Avenue and 114 Street.





Considering the benefits/trade-offs and how you travel around your neighbourhood, what is your level of comfort with encountering these measures on a daily basis? Please indicate with a sticker. Please tell us if there are elements you like/don't like and why with a sticky note.

Focus Area 5: Richard Secord School Traffic Improvements	Potential Elements	Benefits		Trade-	offs	Curb Ex	tensions	What	t do you li	ke/don'tl	ike? Drop-C	off Loop				
	Curb Extensions	Reduces crossing dist for pedestrians Improves visibility	ta - N S'	May force cyclis to the centre May result in los street parking	s of some		Bunk		Add y					Add yo		
	Raised Crosswalk	 Slows traffic in the an Improves pedestrian Improves access for p with mobility aids 	safety d people D p	May increase tra due to increase Discomfort for t Dissengers Increased conge	d braking ransit estion		100	·	omment	ts here						
Ite-specific considerations: pace for drop-off loop on Edmonton Public chool Board land. Dependent on drop-off funding valiability.		More space for drop. Separation of traffic loading and drop-off Alleviate some cong from roadway	from c f · C gestion a d · P · S · A ro s s · A	Requires a lot o could impact ex Could create co at entrances/e drop off Potential loss o spaces and tree Alleviating cong coad could caus safety issues	isting uses nflict points xits of the f green s gestion on se other	What is	your over	rall level	of comfo	ort?		2	2	Л	E	
	Speed Humps	 Slows traffic in the are 	d - D	May increase tra lue to increased Discomfort for t Dassengers	braking		2	2	4	2		2	2	4	C	ŧ
	Rapid Rectangular Flashing Beacons (RRFBs)	Provides safe crossin opportunities but only needed Improves driver awar crossing	ywhen p	Overplacement proximity has po educe effective	otential to	(1Is very un	comfortable,	5 ls very co	mfortable)							ļ
	Wider Sidewalks	 Improved pedestrian connectivity 		Potential loss o space	f roadway	-		-								
Vider iidewalks		Rectangular 1g Beacons (RRFE	Bs)			Raised C	rosswalk				Speed I	lump				
Add your comments here		ndors of a	со	Add you omments				ſ	Add yo omment					Add yo comment		
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12345	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	
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Considering the benefits/trade-offs and how you travel around your neighbourhood, what is your level of comfort with encountering these measures on a daily basis? Please indicate with a sticker. Please tell us if there are elements you like/don't like and why with a sticky note.



(1 is very uncomfortable, 5 is very comfortable)

Speed Hump



Add your comments here **Rapid Rectangular** Flashing Beacons (RRFBs)









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Considering the benefits/trade-offs and how you travel around your neighbourhood, what is your level of comfort with encountering these measures on a daily basis? Please indicate with a sticker. Please tell us if there are elements you like/don't like and why with a sticky note.

9 Focus Area 9: Intersection of 40 Ave and 114 St



Site-specific considerations: Existing four-way stop intersection.

Potential Elements	Benefits		Т
Signalization	 Interrupt heavy traffic to permit pedestrians or other traffic Better pedestrian crossing after dark Provide for orderly movement of traffic Increase traffic capacity of the intersection Provide for continuous or near continuous movement 	*	Can res delay ir certain

of traffic along a given route

 Can result in increased delay in certain directions at certain times of day

What do you like/don't like?



What is your overall level of comfort?



(1 Is very uncomfortable, 5 Is very comfortable)

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Considering the benefits/trade-offs and how you travel around your neighbourhood, what is your level of comfort with encountering these measures on a daily basis? Please indicate with a sticker. Please tell us if there are elements you like/don't like and why with a sticky note.

Throughout the Whole Neighbourhood

Potential	Benefits	Trade-offs	Curb Extensions	What do you like/don't like?	Raised Crosswalk	
Curb Extensions	Reduces crossing distances for pedestrians Improves visibility	 May force cyclists to move to the centre May result in loss of some street parking 	Contraction of the	Add your	And. Art	Add your comments here
Raised Crosswalk	 Slows traffic in the area Improves pedestrian safety Improves access for people with mobility aids 	 May increase traffic noise due to increased braking Discomfort for transit passengers Increased congestion 		comments here		
Speed Humps	- Slows traffic in the area	May increase traffic noise due to increased braking Discomfort for transit passengers	What is your overal	llevel of comfort?		
Raised Intersection	 Slows traffic in the area Improves pedestrian safety Improves access for people with mobility aids 	 Discomfort for transit passengers 				

(1Is very uncomfortable, 5 Is very comfortable)

Raised Intersection

Add your comments here



Add your comments here

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