



“Smart Village”

11 April 2020

Presented by
Melville Security Initiative





AGENDA:

1. Project timeline and next steps
2. Why the Safe Streets Project
3. How does the application differ from the JRA interim approval?
4. Effect on Safe Streets' effectiveness due to variations between the original application and the interim decision
5. Concept Operational Plan and Costing
6. Questions (Q&A)
7. Present an initial Security Plan
8. Establish Workstreams:
9. Wrap up of our discussions and formally bring the meeting to a close.

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Community participation is at the core of this project:

- +- 100 community meetings up to date
- +- 40 Street Captains
- website, Social Media, WhatsApp
- individual engagements
- +- 863 yes votes received



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Project Timeline:

<p>Floating of concept - Community Feedback sessions</p>		<p>Key stakeholders engaged (JHBCity, Ward Councillor, SAPS, MRA, MBA, Schools, Churches)</p>	<p>Community consultations & Finalisation of boundaries</p>	<p>Public agreement process</p>	<p>JHB City processing application</p>	<p>JHB City processing application</p>	
<p>2019</p>	<p>2020</p>	<p>2021</p>	<p>2022</p>	<p>2023</p>	<p>2024</p>	<p>2025</p>	<p>2026</p>
<p>Engagement of Suburban Solutions</p>		<p>Security Consultant Engaged Traffic study conducted</p>	<p>Provisional RFP with Security Providers</p>	<p>Lodge initial application</p>	<p>Update Traffic Study Lodge final application</p>	<p>Meeting with City Interim Approval</p>	



Why are we doing the Safe Streets Project?



Average of one crime incident per day in Melville

House Robbery, Burglary, Cell phone snatching and robbery, motor vehicle theft and highjacking, muggings on street

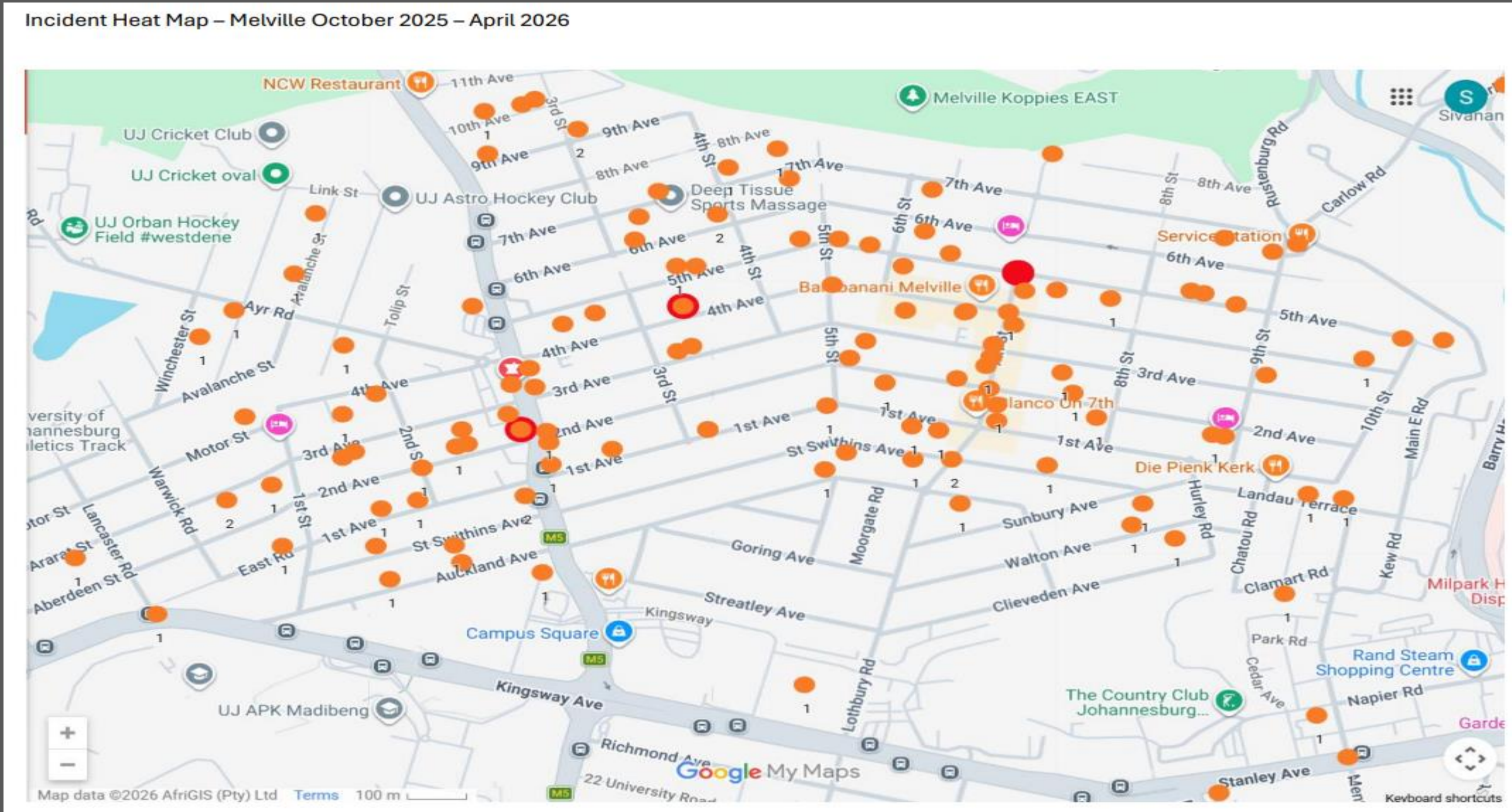
+/- 365 crimes a year

**Reportable crime that has been recorded



Why are we doing the Safe Streets Project?

These are crimes that Beagle are aware of in the last 6 months – there are probably a lot more





Why are we doing the Safe Streets Project?

Many individual initiatives:

1. Cameras
2. Block focused guards
3. Armed response
4. Keeping the security company on its toes
5. CPF

During 2019 the Melville Security Initiative identified traffic flow control solutions with the aim of calming traffic and reducing crime as further levers that could be considered by the residents to reduce crime and calm traffic in our suburb.

To reduce crime one can must remove or adjust either of the three aspects involved:

1. Victim
2. Criminal
3. Location

Safe Streets project is in the “remove criminal and location” space





How does the application differ from the interim approval?

		Applied:							Approved:						
		Vehicles				Pedestrians			Vehicles				Pedestrians		
		24 hours	24 hours	Peak hours	Boomed	24 hours	24 hours	Peak hours	24 hours	24 hours	Peak hours	Boomed	24 hours	24 hours	Peak hours
9th St	Rustenburg Rd				1	1			1				1		
Menton Rd					1	1			1				1		
Lothbury Rd					1	1			1				1		
4th Ave	Main Rd				1	1			1				1		
8th Ave	Rustenburg Rd			1							1		1		
7th Ave	9th Street			1						1			1		
3rd Ave	Rustenburg Rd			1							1		1		
Landau Terrace	Rustenburg Rd			1							1		1		
Clamart Rd	Menton Rd			1							1		1		
Clieveden Ave	Lothbury Rd			1						1			1		
Streatly Ave	Windsor Rd			1							1		1		
Auckland Ave	Main Rd			1							1		1		
St Swithen Ave	Main Rd			1						1			1		
1st Ave	Main Rd			1				1			1		1		
2nd Ave	Main Rd			1				1			1		1		
3rd Ave	Main Rd			1				1			1		1		
5th Ave	Main Rd			1				1			1		1		
6th Ave	Main Rd			1				1			1		1		
7th Ave	Main Rd			1				1			1		1		
8th Ave	Main Rd			1				1			1		1		
9th Ave	Main Rd			1				1			1		1		
10th Ave	Main Rd			1				1			1		1		
11th Ave	Main Rd			1				1			1		1		



What will the effect be on the initial envisioned Safe Streets' effectiveness due to variations between the original application and the interim decision?

The answer lies in the Strategy or Operational plan that we establish.

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What elements can we incorporate into the Strategy and Operational plan

	Control Room		Monitored Sensor on Pedestrian Gate
	Only open pedestrian gates during peak hours		Guard 12hours 5 days a week with Radio Connection
	Monitored LPR Camera		Guard 24hours 7 days a week with Radio Connection
	Monitored Overview Camera		Vehicle 24 hours a day - armed
	Monitored Sensor on Vehicle Gate		Area Security Supervisor

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Financial Model

2022/23

- Initial Capital: +- R3.8m – Capital funded by Security Service Provider, paid back by residents over 5 years
- Monthly running: High Point: +- R1 130 000; Low Point +- R900 000
- Includes:
 - Infrastructure funding and maintenance
 - Alarm monitoring, armed response and dedicated patrol cars
 - 24/7 manning of the boom gates
 - Administration office

Feasibility Potential Payers			Low band MONTHLY PAYMENT					
Participation rate	Payers	Y1	Y2	Y3	Y4	Y5		
90%	1156	(988)	(1 050)	(1 108)	(1 179)	(1 254)		
85%	1092	(1 046)	(1 112)	(1 173)	(1 248)	(1 328)		
80%	1028	(1 111)	(1 181)	(1 246)	(1 325)	(1 410)		
75%	963	(1 186)	(1 261)	(1 330)	(1 415)	(1 506)		
70%	899	(1 270)	(1 350)	(1 425)	(1 516)	(1 613)		
65%	835	(1 368)	(1 454)	(1 534)	(1 632)	(1 736)		
60%	771	(1 481)	(1 575)	(1 661)	(1 767)	(1 881)		
50%	642	(1 779)	(1 891)	(1 995)	(2 122)	(2 258)		

Feasibility Potential Payers			High band MONTHLY PAYMENT				
Participation rate	Payers	Y1	Y2	Y3	Y4	Y5	
90%	1156	(1 271)	(1 353)	(1 423)	(1 516)	(1 615)	
85%	1092	(1 346)	(1 432)	(1 507)	(1 605)	(1 710)	
80%	1028	(1 429)	(1 522)	(1 600)	(1 705)	(1 816)	
75%	963	(1 526)	(1 624)	(1 708)	(1 820)	(1 939)	
70%	899	(1 634)	(1 740)	(1 830)	(1 949)	(2 077)	
65%	835	(1 760)	(1 873)	(1 970)	(2 099)	(2 236)	
60%	771	(1 906)	(2 029)	(2 134)	(2 273)	(2 422)	
50%	642	(2 289)	(2 437)	(2 563)	(2 729)	(2 908)	



Draft Financial Model 2026

Capital:

- Gates: R1.5m – potentially funded by MSI reserves
- Cameras, sensors and locks: +- R1.7m – capital funded by Security Service Provider, paid back by residents over 5 years

Safe Streets				Armed Response				Total Safe Streets and Armed Response p/m
Potential participants		1300		Potential participants		1300		
Monthly Operating Cost (Rands)		464 523		Monthly Operating Cost (Rands)		750 000		
Participation modeling	Participation rate	Payers	Y1	Participation modeling	Participation rate	Payers	Y1	
		90%	1170		397		90%	1170
	85%	1105	420		85%	1105	679	1 099
	80%	1040	447		80%	1040	721	1 168
	75%	975	476		75%	975	769	1 246
	70%	910	510		70%	910	824	1 335
	65%	845	550		65%	845	888	1 437
	60%	780	596		60%	780	962	1 557
	50%	650	715		50%	650	1 154	1 868



Frequently Asked Questions Received by the Project (Q&A)

1. Why is the Interim Decision only valid for two years?
2. Can we demand more answers from the City pertaining to the reasons for the interim decision and will it help?
3. Can we apply for amendments to the current interim decision once it has been implemented and how soon and how long will it take?
4. How does our interim decision compare to what was approved in other suburbs - for example Parkhurst and Westcliffe?
5. Can my street manage the opening and closing times of the gates to specifically address high crime windows?
6. How much does the cost differ from what was proposed and now?
7. Can the MSI make me pay for the capex and operational cost?
8. If most of my street feels they don't want the interim decision to implemented, can we opt out of the project?
9. Other questions?

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Melville Auckland Park Richmond



- Locked Gates
- One Way
- 24hr Pedestrian Access Points
- 24hr Automated Boom
- Gates open 6am-7pm daily
- Gates open 6am-9am and 4pm-7pm daily
- Additional Fence Line



Establish Workstreams:

- Operational Security Plan Team
 - Melville North/Koppies Area
 - Questions (O&A)
 - Can we demand more answers from the City pertaining to the reasons for the interim decision and will it help?
 - Can we demand amendments to the current interim decision once implemented and how soon and how long will it take?
 - How does our interim decision compare to what was approved?
 - Central Melville
 - Melville East, Richmond & Aucklandpark North
- Financial Model Team
- Aesthetics Team

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1. Questions (Q&A)

Wrap up of our discussions and formally bring the meeting to a close.

- Can we demand more answers from the City pertaining to the reasons for the interim decision and will it help?
- Can we apply for amendments to the current interim decision once it has been implemented and how soon and how long will it take?
- How does our interim decision compare to what was approved?

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Contact Us and Thank you!!!

Reach out to us for questions, concerns or comments or to volunteer to help move this project forward.

Please reach out to us:

safeststreets@ilovemelville.co.za



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