Estimated Costs

**Section Summary** 

CORRIDOR	STREET CLASSIFICATION ESTIMATED COST	
53rd Place/Sanna Street (Mountain View Rd to Doubletree Ranch Rd)	Local	\$170,000
Cheney Drive (Mockingbird Ln to Scottsdale Rd)	Collector	\$50,000
Doubletree Ranch Road (Shea Blvd to Scottsdale Rd)	Minor Arterial	\$300,000
Hummingbird Lane (Mockingbird Ln to Scottsdale Rd)	Local	\$30,000
Invergordon Road (South of Lincoln Dr)	Minor Arterial	\$90,000
Invergordon Road/Mockingbird Lane (Shea Blvd to McDonald Dr)	Minor Arterial	\$400,000
Jackrabbit Road (East of Invergordon Rd)	Collector	\$400,000
Lincoln Drive (32nd St to Town limits near Scottsdale Rd)	Major Arterial	\$170,000
McDonald Drive (East of Invergordon Rd)	Minor Arterial	\$10,000
Mockingbird Lane/52nd Street (Shea Blvd to Tatum Blvd)	Collector south of Mtn View Rd; Local north of Mtn View Rd	\$20,000
Monte Vista Drive/68th Street (South of Jackrabbit Rd)	Collector	\$100,000
Mountain View Road (Tatum Blvd to Invergordon Rd)	Collector	\$1,080,000
Northern Avenue (East of Mockingbird Ln to Scottsdale Rd)	Local	\$30,000
Resort Loop	Major Arterial on Tatum Blvd & Lincoln Dr; Minor Arterial on McDonald Dr; and Collector on 56th St	\$1,830,000
Tatum Boulevard (McDonald Dr to Shea Blvd)	Major Arterial	\$0
Berneil Ditch	Trail ·	\$450,000
TOTAL		\$5,130,000

#### Notes

<sup>\*</sup> Estimated Costs exclude enhanced intersections with other entities and excludes current CIP projects.

<sup>\*</sup> McDonald Drive cost uses McDonald Dr - Option 1

<sup>\*</sup> Costs include a 20% project contingency

<sup>\*</sup> Reduction in cost possible through seeking grant funds and requiring with Intermediate/Major Special Use Permit amendments where possible.

Opinion of Estimated Costs

### Section 53rd PI-Sanna St

Item	Description	Unit	QTY.	Unit Cost	Exte	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 12,120.00	\$	12,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 20,500.00	\$	21,000.00
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	
4	4'-6' Wide Trail (compacted natural surface)	LF	2,325	\$ 20.00	\$	47,000.00
5	Asphalt Paving	SF	θ	\$	\$	-
6	<del>Curb/Gutter</del>	FE	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	6,975	\$ 3.00	\$	21,000.00
8	White Traffic Paint Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking Symbol-	<del>EΑ</del>	θ	\$	\$	-
10	<del>Median-</del>	<del>ΕΑ</del>	θ	\$	\$	-
11	Crosswalk	EA	θ	\$	\$	-
12	Enhanced Intersection (at 53rd Pl/Mountain View Rd)	EA	1	\$ 12,000.00	\$	12,000.00
13	Enhanced Intersection-	<del>Ε</del> Α	θ	\$	\$	-
14	Enhanced Intersection-	₽A	θ	\$	\$	-
15	Enhanced Intersection	EA	θ	\$	\$	-
16	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
17	Retaining-Wall (3' ht.)	LF	θ	\$	\$	-
18	Stucco Wall Relocation (6' ht.)	<del>LF</del>	0	\$	\$	-
19	Right-of-Way Acquistion	SF	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	-
Assumpti		dialoina tha		Subtotal	\$	113,000.00
	tion includes relocation of mailboxes and reconstruction of driveways on the 10 lots at pedestrian facility along the north side of Sanna St and east side of 53rd Pl. Estimate		Proje	ct Contingency (20%)	\$	23,000.00
remove d	riveway, \$1,100 to replace driveway, and \$500 to relocate mailbox. Factored in 5 drive			Design Fee (10%)	\$	11,000.00
needed a 3. Enhan proposed estimate	s.  rian facility cost assumes a compacted natural trail instead of a sidewalk. Neighborho t such time the Town pursues hiring for the design and construction of this pedestrian ced intersection (at 53rd Pl/Mountain View Rd) includes cost to install a crossing to co trail on 53rd Pl to the existing west-east sidewalk on the north side of Mountain View assumes a striped thermoplastic crossing, with related ADA curb improvements, lands diate area, and related demolition of existing curb/pavement. Cost estimate uses the 0	facility. nnect the Rd. Cost caping in	Cons	struction Admin (14%)	\$	16,000.00
	imated cost subtotal template of \$12,000. If the pedestrian facility along 53rd PI does is walk may be eliminated.	not occur,		Tax (5.73%)	\$	6,000.00

<sup>4.</sup> Landscape cost assumes some level of landscaping along entire 2,325 LF at width of 3'.

TOTAL \$	170,000.00

<sup>5.</sup> Costs do not include existing pavement maintenance, mill/overlay, micro-seal, etc.

<sup>6.</sup> Costs rounded to nearest \$1,000. Total rounded to nearest \$10,000.

Opinion of Estimated Costs

### Section Cheney Dr

Item	Description	Unit	QTY.	Unit Cost	Exte	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 3,960.00	\$	-
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 4,100.00	\$	4,000.00
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	650	\$ 36.00	\$	23,000.00
5	Asphalt-Paving	SF	θ	\$	\$	-
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	1,950	\$ 3.00	\$	6,000.00
8	White-Traffic Paint Stripe	ŁF	θ	\$	\$	-
9	Bike-Lane-Marking-Symbol-	EA	θ	\$ <del>-</del>	\$	-
10	<del>Median</del>	EA	θ	\$	\$	-
11	Grosswalk	EA	θ	\$	\$	-
12	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
13	Enhanced-Intersection-	<del>Ε</del> Α	θ	\$	\$	-
14	Enhanced Intersection-	<del>Ε</del> Α	θ	\$	\$	-
15	Enhanced Intersection-	EA	θ	\$	\$	-
16	Enhanced-Intersection	EA	θ	\$	\$	-
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$	\$	-
18	Stucco Wall Relocation (6' ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way-Acquistion	SF	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	
Assumpti		ioloina tha		Subtotal	\$	33,000.00
	tion includes relocation of mailboxes and reconstruction of driveways on the 3 lots ad pedestrian facility along the north side of Cheney Dr. Estimate is \$2,500 to remove d		Proje	ct Contingency (20%)	\$	7,000.00
\$1,100 to	replace driveway, and \$500 to relocate mailbox. Factored in 1 driveway and 1 mailbox			Design Fee (10%)	\$	3,000.00
<ol> <li>Sidewalk assumes 650 LF. This sidewalk completes a missing gap.</li> <li>Landscape cost assumes some level of landscaping along entire 650 LF at width of 3 LF.</li> <li>Costs do not include existing pavement maintenance, mill/overlay, micro-seal, etc.</li> <li>Costs rounded to nearest \$1,000. Total rounded to nearest \$10,000.</li> </ol>				struction Admin (14%)	\$	5,000.00
				Tax (5.73%)	\$	2,000.00
				TOTAL	. \$	50,000.00

Opinion of Estimated Costs

### section Doubletree Ranch Rd

Item	Description	Unit	QTY.	Unit Cost	Exte	ended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 21,240.00	\$	21,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 14,400.00	\$	14,000.00
3	10' Wide Recreation Path (6" concrete)	ŁF	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	1,900	\$ 36.00	\$	68,000.00
5	Asphalt Paving	SF	θ	\$	\$	-
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	θ	\$	\$	•
8	White Traffic Paint Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane-Marking-Symbol-	<del>Ε</del> Α	θ	\$	\$	-
10	Median-	<del>E</del> Α	θ	\$	\$	-
11 .	Crosswalk	<del>Ε</del> Α	θ	\$	\$	-
12	Enhanced Intersection (at Doubletree Ranch Rd/52nd St)	EA	1	\$ 46,500.00	\$	47,000.00
13	Enhanced Intersection (at Doubletree Ranch Rd/Sanna St)	EA	1	\$ 23,500.00	\$	24,000.00
14	Enhanced Intersection (at Doubletree Ranch Rd/67th St)	EA	1	\$ 23,500.00	\$	24,000.00
15	Enhanced-Intersection-	EA	θ	\$	\$	-
16	Enhanced-Intersection-	<del>EΑ</del>	θ	\$	\$	-
17	Retaining Wall (3' ht.)	LF	θ	\$	\$	-
18	Stucco-Wall-Relocation (6 <sup>1</sup> ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way-Acquistion	SF	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	
Assumption	ons: ion cost assumes possible reconstruction of driveways on 4 lots near 67th St that front Dou	ıbletree		Subtotal	,	198,000.00
Ranch Rd	. Estimate is \$2,500 to remove driveway, \$1,100 to replace driveway, and \$500 to relocate	mailbox.	Proje	ct Contingency (20%)		40,000.00
crosswalk	lewalk on the south side to connect existing sidewalk on N-S streets south of Doubletree R /existing sidewalk on the north side: 1,900 LF between Invergordon Rd and 67th St.			Design Fee (10%)	\$	20,000.00
intersection the west s Ranch Rd	ed intersection (at Doubletree Ranch Rd/52nd Pi) to add 2 crossings, one on the north side on to connect the existing sidewalk on the north side of Doubletree Ranch Rd and the other ide of the intersection to connect to the existing sidewalk on west side of 52nd St south of I cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improven ng in the immediate area, and related demolition of existing curb/pavement. Cost estimate	crosswalk on Doubletree nents,	Cons	struction Admin (14%)	\$	28,000.00
Crossing 4. Enhan side of the sidewalk related Al curb/pave	Crossing Striped - No Signals estimated cost subtotal template of \$93,000/2 (\$46,500).  4. Enhanced intersection (at Doubletree Ranch Rd/Via Los Caballos) to add 1 crosswalk with stripe on the west side of the intersection so persons residing south of Doubletree Ranch rd have a safe way to cross to the existing sidewalk on the north side of Doubletree Ranch Rd. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/4 (\$23,500).  5. Enhanced intersection (at Doubletree Ranch Rd/67th St) to add 1 crosswalk to connect persons residing south of Doubletree Ranch Rd via 67th Pl to the existing sidewalk along the north side of Doubletree Ranch Rd. This connection also provides a connection to the existing sidewalk on the west side of 67th St. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/4 (\$23,500).  6.Costs do not include existing pavement maintenance, mill/overlay, micro-seal, etc.  7. Costs rounded to nearest \$1,000. Total rounded to nearest \$10,000.					
5. Enhan of Double connection a thermoprelated desubtotal to 6. Costs desired to the costs of th						11,000.00

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TOTAL	\$	300,000.00

Opinion of Estimated Costs

## Section Hummingbird Ln

Item	Description	Unit	QTY.	Unit Cost	Extended	d Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	L\$	1	\$ 2,640.00	\$	-
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 7,700.00	\$	8,000.00
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	300	\$ 36.00	\$	11,000.00
5	Asphalt-Paving	<del>S</del> F	θ	\$	\$	-
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	900	\$ 3.00	\$	3,000.00
8	White Traffic Paint Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking Symbol-	EA	θ	\$	\$	-
10	<del>Median-</del>	<del>EA</del>	θ	\$	\$	-
11	Crosswalk	EA	θ	\$	\$	-
12	Enhanced Intersection-	EA	θ	\$	\$	-
13	Enhanced Intersection-	EA	θ	\$	\$	-
14	Enhanced Intersection-	EA	θ	\$	\$	-
15	Enhanced Intersection-	EA	θ	\$	\$	-
16	Enhanced-Intersection-	<del>Ε</del> Α	θ	\$	\$	-
17	Retaining Wall-(3' ht.)	FE	θ	\$	\$	-
18	Stucco Wall Relocation (6' ht.)	LF	θ	\$	\$	-
19	Right-of-Way Acquistion	SF	θ	\$	\$	-
20	<del>Other</del>	EA	θ	\$	\$	-
Assumpti		ioining the		Subtotal	\$	22,000.00
1. Demoi	ition includes relocation of mailboxes and reconstruction of driveways on the 2 lots ad I pedestrian facility along the south side of Hummingbird Ln. Estimate is \$2,500 to ren	nove	Proje	ct Contingency (20%)	\$	4,000.00
driveway	, \$1,100 to replace driveway, and \$500 to relocate mailbox. Factored in 2 driveways a			Design Fee (10%)	\$	2,000.00
3. Lands	alk assumes 300 LF. This sidewalk completes a missing gap. cape cost assumes some level of landscaping along entire 300 LF at width of 3'. do not include existing pavement maintenance, mill/overlay, micro-seal, etc. counded to nearest \$1,000. Total rounded to nearest \$10,000.		Cons	struction Admin (14%)	) \$	3,000.00
				Tax (5.73%)	) \$	1,000.00
				TOTAL	- \$	30,000.00

Opinion of Estimated Costs

# Section Invergordon Rd - S of Lincoln

Item	Description	Unit	QTY.	Unit Cost	Exter	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 6,360.00	\$	6,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 7,700.00	\$	8,000.00
3	10' Wide-Recreation Path (6" concrete)	ĿF	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	575	\$ 36.00	\$	21,000.00
5	Asphalt Paving	<del>SF</del>	θ	\$	\$	-
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	<del>SF</del>	θ	<del>\$</del>	\$	-
8	White Traffic Paint Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking Symbol	EA	θ	\$	\$	-
10	Median-	EA	θ	\$ <del></del>	\$	-
11	Gresswalk	<del>Ε</del> Α	θ	\$	\$	-
12	Enhanced Intersection (at Lincoln Dr/Invergordon Rd)	EA	1	\$ 23,500.00	\$	24,000.00
13	Enhanced Intersection-	EA	θ	\$	\$	-
14	Enhanced-Intersection-	EA	θ	\$	\$	-
15	Enhanced Intersection-	<del>Ε</del> Α	θ	\$	\$	-
16	Enhanced Intersection	EA	θ	\$	\$	-
17	Retaining-Wall (3'-ht.)	<del>LF</del>	θ	\$	\$	-
18	Stucco Wall-Relocation (6' ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way-Acquistion	<del>SF</del>	θ	\$	\$	-
20	<del>Other</del> -	EΑ	θ	\$	\$	
Assumpt				Subtotal	\$	59,000.00
1. Demol	ition cost includes reconstruction of driveways on 3 lots on Invergordon Rd to extend essori school. Estimate is \$2,500 to remove driveway, \$1,100 to replace driveway, ar	sidewalk to	Proje	ct Contingency (20%)	\$	12,000.00
relocate	mailbox. Factored in 2 driveways and 1 mailbox.			Design Fee (10%)	\$	6,000.00
	alk proposed on the west side of Invergordon Rd north of McDonald to connect to the	Montessori				
school. 5 3. Enhar	i75 LF estimated. iced Intersection (at Lincoln Dr/Invergordon Rd) adding missing crossing at the west s	side of this	Cons	struction Admin (14%)	\$	8,000.00
intersect	ion and resetting signal for longer crossing times. Cost estimate assumes a thermopla	astic stripe				
crosswal	k, with related ADA curb improvements, landscaping in the immediate area, and relat ig curb/pavement. Cost estimate uses the Crossing Striped - No Signals probable cos	ed demonition st subtotal				
template	of \$93,000/4 (\$23,500).					
	do not include existing pavement maintenance, mill/overlay, micro-seal, etc. rounded to nearest \$1,000. Total rounded to nearest \$10,000.			Tax (5.73%)	\$	3,000.00
o. Costs	Tourided to fieldest \$1,000. Total founded to fieldest \$10,000.					
				TOTAL		90,000.00
			1		· +	,

Opinion of Estimated Costs

# Section Invergordon Rd - Mockingbird Ln

Item	Description	Unit	QTY.	Unit Cost	Extend	ed Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 28,650.00	\$	29,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 22,600.00	\$	23,000.00
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$ <del>-</del>	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	1,825	\$ 36.00	\$	66,000.00
5	Asphalt-Paving	SF	θ	\$	\$	-
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	θ	\$	\$	-
8	White-Traffic Paint-Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking-Symbol-	<del>E</del> Α	θ	\$	\$	-
10	Median-	EA	0	\$	\$	-
11	Grosswalk-	EΑ	θ	\$	\$	
12	Enhanced Intersection (at Invergordon Round-a-bout at Northern Ave)	EA	1	\$ 69,750.00	\$	69,750.00
13	Enhanced Intersection (at Mockingbird Ln/68th St)	EA	1	\$ 46,500.00	\$	47,000.00
14	Enhanced Intersection (at Lincoln Dr/Mockingbird Ln)	EA	1	\$ 10,000.00	\$	10,000.00
15	Enhanced Intersection (at McDonald Dr/Mockingbird Ln)	EA	1	\$ 23,250.00	\$	23,000.00
16	Enhanced-Intersection-	EA	θ	\$	\$	-
17	Retaining-Wall (3' ht.)	<del>LF</del>	θ	\$	\$	-
18	Stucco Wall Relocation (6'-ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way-Acquistion	<del>SF</del>	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	-
Assumptio	ns: ion cost includes reconstruction of driveways on 9 lots along the south side of Mockingbird Ln. E	estimate is		Subtotal	•	268,000.00
\$2,500 to mailboxes	remove driveway, \$1,100 to replace driveway, and \$500 to relocate mailbox. Factored 6 drivewa	ays and 2	Proje	ect Contingency (20%)		54,000.00
2. 1,825 L. Invergorde in current McDonald 3. Enhance	F of new sidewalk on the south side of Mockingbird Lane from Calle Caballeros to the roundabo on Road. New/reconstructed sidewalks on both sides of Mockingbird Ln between Northern Ave Capital Improvement Plan. Reconstructed sidewalk on west side of Mockingbird Ln between Lin Dr in current 2018-2022 Capital Improvement Plan. ed Intersection (at Invergordon round-a-bout at Northern Ave) to add in the 3 crosswalks. Cost o	and Lincoln Dr coln Dr and estimate	Con	Design Fee (10%) struction Admin (14%)		27,000.00
assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000*0.75 (\$69,750).  4. Enhanced Intersection (at Mockingbird Ln/68th St) to add the 2 missing crossings. Sidewalk continues on both sides of the street south on Mockingbird Ln and along Mockingbird Ln/Northern Ave in the West-East direction. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/2 (\$46,500).  5. Enhanced Intersection at Indian Bend Rd/Mockingbird Ln already in approved Capital Improvement Plan.  6. Enhanced Intersection (at Lincoln Dr/Mockingbird Ln) is along a Visually Significant Corridor. The cost includes restriping the 4 existing crosswalks with new thermoplastic striping, resetting signal for longer crossing, and adding bicycle crossing/button sensor. Option of pavers for crosswalks is suggested at this significant intersection.  8. Enhanced Intersection (at McDonald Dr/Mockingbird Ln) includes cost to add the missing crossing on the south side of the intersection to complete the gap in the sidewalk connection at this intersection to Temple Solel, Kiva elementary school, and Valley United Presbyterian Church. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/4 (\$23,250).  9. Costs do not include existing pavement maintenance, mill/overlay, micro-seal, etc.			a de la companya de	Tax (5.73%)	\$	15,000.00
				TOTAL	- \$	400,000.00

Opinion of Estimated Costs

### Section Jackrabbit Rd

Item	Description	Unit	QTY.	Unit Cost	Exte	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 28,440.00	\$	28,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 32,800.00	\$	33,000.00
3	10' Wide Recreation Path (6" concrete)	LF	0	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	4,250	\$ 36.00	\$	153,000.00
5	Asphalt Paving	SF	θ	\$	\$	-
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	17,000	\$ 3.00	\$	51,000.00
8	White Traffic Paint-Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking-Symbol	₽A	θ	\$	\$	-
10	<del>Median</del>	<del>E</del> Α	θ	\$	\$	-
11	Grosswalk	EΑ	θ	\$	\$	-
12	Enhanced-Intersection-	EA	θ	\$	\$	-
13	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
14	Enhanced Intersection-	EA	θ	\$	\$	-
15	Enhanced Intersection-	EA	θ	\$	\$	-
16	Enhanced Intersection-	EA	θ	\$	- \$	
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$	\$	~
18	Stucce Wall-Relocation (6' ht.)	LF	θ	\$	\$	-
19	Right-of-Way-Acquistion	SF	θ	\$	\$	-
20	<del>Other-</del>	EA	θ	\$	\$	-
Assumpti	ons: ition includes relocation of mailboxes and reconstruction of driveways on the 16 lots a	dicining the		Subtota	al \$	265,000.00
	pedestrian facility along the north side of Jackrabbit Rd. Estimate is \$2,500 to remov		Proje	ct Contingency (20%	) \$	53,000.00
	replace drivewat, and \$500 to relocate mailbox. Factored in 8 driveways and 8 mailb			Design Fee (10%	) \$	27,000.00
existing s 3. Lands 4.Costs of	<ol> <li>Sidewalk proposed on north side of Jackrabbit Rd from Invergordon Rd to Scottsdale Rd to connect with existing sidewalk eats of Scottsdale Rd that leads to the AZ Circle trail. Sidewalk assumes 4,250 LF.</li> <li>Landscape cost assumes landscaping along entire 4,250 LF at width of 4'.</li> <li>Costs do not include existing pavement maintenance, mill/overlay, micro-seal, etc.</li> <li>Costs rounded to nearest \$1,000. Total rounded to nearest \$10,000.</li> </ol>			struction Admin (14%	b) \$	37,000.00
				Tax (5.73%	ś) \$	15,000.00
			,	TOTA	L \$	400,000.00

Section Lincoln Dr

Opinion of Estimated Costs

Item	Description	Unit	QTY.	Unit Cost	Exten	ded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	<del>LS</del>	θ	\$	\$	-
2	Demolition (e.g. sidewalk, eurb, asphalt, etc.)	EA	θ	\$	\$	-
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	-
4	6 <del>' Wide Sidewalk (6" concrete)</del>	<del>LF</del>	θ	\$	\$	-
5	Asphalt-Paving	SF	θ	\$	\$	-
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	<del>SF</del>	θ	\$	\$	-
8	White Traffic Paint Stripe	<del>LF</del>	θ	<del>\$</del>	\$	-
9	Bike Lane-Marking-Symbol	EA	θ	\$	\$	-
10	Median-	EA	θ	\$	\$	-
11	Grosswalk-	EA	θ	\$ <del></del>	\$	•
12	Enhanced Intersection (at Lincoln Dr/Hillside Dr)	EA	1	\$ 116,000.00	\$	116,000.00
	Enhanced Intersection	<del>E</del> Α	θ	\$	\$	-
13	Enhanced-Intersection-	EA	θ	\$	\$	-
14	Enhanced Intersection	EA	θ	\$	\$	-
15	Enhanced Intersection	<del>E</del> Α	θ	-\$	- \$	-
16		<del>LF</del>	θ	\$	\$	-
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$ <del></del>	\$	-
18	Stucco-Wall-Relocation (6' ht.)	SF	θ	\$	\$	-
19	Right-of-Way Acquistion	<del>E</del> Α	θ	\$	\$	
20	Other-	<u></u>		Subtota	al \$	116,000.00
Assump	pand Intersection (at Lincoln Dr/Hillside Drive) provides a new crossing across Lincol	In Dr between	Pro	ject Contingency (20%	6) \$	23,000.00
Dala Cr	et Bd and Tetum Blvd, which presently has no crossing for 1.5 miles. The new cross	ang war be		Design Fee (10%		12,000.00
approxi	mately 0.5 miles east to Tatum Blvd and 1.1 miles west to Palo Cristi. Consideration of concrete crosswalks are suggested since this crossing is along a Visually Significated concrete crosswalks are suggested since this crossing is along a Visually Significated control of the	ent Corridor.				
Coating	cludes installation of a flashing pedestrian crossing signs only illuminated when activi	ateu via	Co	enstruction Admin (14%	6) \$	16,000.00
	a buttons. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA	Curb				
improve	ements, landscaping in the immediate area, and related demolition of existing curb/page uses the Crossing Striped probable cost subtotal template of \$116,000.					
2. Side	walk gaps on both sides of the street are part of current Capital Improvement Plan. s rounded to nearest \$1,000. Total rounded to nearest \$10,000.			Tax (5.73	%) \$	7,000.00
				тот	AL \$	170,000.00
			1		· ·	

Opinion of Estimated Costs

## Section McDonald Dr - Opt 1

Item	Description	Unit	QTY.	Unit Cost	Extend	ed Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 480.00	\$	-
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	<del>ΕΑ</del>	θ	\$	\$	···
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	
4	6'-Wide-Sidewalk (6" concrete)	<del>LF</del>	θ	\$	\$	
5	Asphalt-Paving	<del>SF</del>	θ	\$	\$	<u></u>
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	
7	Landscape, DG and Irrigation Restoration	EA	θ	\$	\$	
8	White Traffic-Paint Stripe	LF	θ	\$	\$	
9	Bike Lane Marking Symbol	EA	14	\$ 250.00	\$	4,000.00
10	Median	EA	θ	\$	\$	<del>-</del>
11	Grosswalk	EA	θ	\$	\$	<del></del>
12	Enhanced Intersection-	EA	θ	\$	- \$	
13	Enhanced-Intersection-	EA	θ	-\$	- \$	
14	Enhanced-Intersection-	<del>E</del> Α	θ	-\$	- \$	
15	Enhanced-Intersection-	EA	θ	-\$	- \$ <del></del>	
16	Enhanced Intersection	EA	θ	\$	- \$	
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$	\$	
18	Stucco Wall Relocation (6' ht.)	ĿF	θ	\$	\$	
19	Right-of-Way-Acquistion	SF	θ	\$	\$	
20	<del>Other</del>	EA	θ	\$	\$	
Assumption	ons: ald Dr - Option 1 represents the first preferred Planning Commission option for McDonald I	Dr east of		Subtote		4,000.00
Invergord	on Rd. This option proposes to maintain the existing street in its current design and add bil	ke sharrow	Proje	ect Contingency (20%	) \$	1,000.00
symbols.	al options not included in the cost estimate includes (a) replacing existing vertical curb witl	h rolled curb so.		Design Fee (10%	o) \$	-
bicyclists	have an area to move when a vehicle approaches a median and (b) reducing the speed lin	nit to 25 mph.				
3. Cost es	timate includes adding two 9' x 25' landscaped medians on both sides of the existing cros	swalk in front	Con	struction Admin (14%	5) \$	1,000.00
	ementary school. ion cost assumes removal of all hardscape within the entire 4,600 LF at a width of 33 LF.					
5. Costs of	o not include existing pavement maintenance, mill/overlay, micro-seal, etc.					
6. Costs r	ounded to nearest \$1,000. Total rounded to nearest \$10,000.					
				Tax (5.73%	6) \$	200.00
				TOTA	L \$	10,000.00

Opinion of Estimated Costs

## Section McDonald Dr - Opt 2

item	Description	Unit	QTY.	Unit Cost	Exte	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 21,120.00	\$	21,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 4,000.00	\$	4,000.00
3	10' Wide-Recreation Path (6" concrete)	<del>LF</del>	θ	\$ <del>-</del>	\$	
4	6' Wide Sidewalk-(6" concrete)	<del>LF</del>	θ	\$	\$	<del> </del>
5	Asphalt Paving	SF	151,800	\$ 1.00	\$	152,000.00
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	<u> </u>
7	Landscape, DG and Irrigation Restoration	EA	1	\$ 10,000.00	\$	10,000.00
8	White Traffic Paint Stripe	LF	12,000	\$ 0.50	\$	6,000.00
9	Bike Lane Marking Symbol	EA	14	\$ 250.00	\$	4,000.00
10	<del>Median</del> -	<del>Ε</del> Α	0	\$	\$	
11	Grosswalk-	EΑ	θ	\$	\$	
12	Enhanced Intersection	EA	θ	\$	\$	
13	Enhanced-Intersection-	EA	θ	\$	\$	
14	Enhanced-Intersection-	EA	θ	-\$	\$	
15	Enhanced Intersection-	EA	θ	\$	\$	
16	Enhanced Intersection-	EA	θ	\$	\$	
17	Retaining Wall (3' ht.)	ĿF	θ	\$	\$	
18	Stucco-Wall-Relocation (6'-ht.)	ĿF	θ	\$	\$	
19	Right-of-Way Acquistion	<del>SF</del>	θ	\$	\$	
20	Other-	EA	θ	\$	\$	
Assumption	ons: ald Dr - Option 2 represents the second preferred Planning Commission option for McDonald	Dr east of		Subtotal	\$	197,000.00
	on Rd. This option removes the existing turn lane to accommodate bike lanes as a means to		Proje	ct Contingency (20%)	\$	39,000.00
	ction of the existing street. nal options not included in the cost estimate includes (a) replacing existing vertical curb with	rolled curb		Design Fee (10%)	\$	20,000.00
so bicyclis	sts have an area to move when a vehicle approaches a median and (b) reducing the speed li	mit to 25			_	00 000 00
mph.	tion cost assumes a limited amount of demolition of existing pavement/curbing will be neede	d since the	Cons	struction Admin (14%)	\$	28,000.00
aim is not	to alter the existing curbs.					
	t paving cost uses a \$1.00/SF cost to mill/overlay the existing pavement for a clean surface t I bike lanes. Cost estimate assumes 4,600 LF of street at a street width of 33 LF measured fi					
curb.				T /F 720/ \	<b>ው</b>	11 000 00
	stimate assumes no changes to the existing sidewalks and some minor landscaping improve andscaped medians.	ments on the	•	Tax (5.73%)	<b>Þ</b>	11,000.00
6. Cost es	stimate includes adding two 9' x 25' landscaped medians on both sides of the existing crossw	alk in front				
	ementary school. nunded to nearest \$1 000. Total rounded to nearest \$10 000			TOTAL	•	300,000.00
			L	TOTAL	Ψ	000,000.00

Opinion of Estimated Costs

# Section McDonald Dr - Opt 3

Item	Description	Unit	QTY.		Unit Cost	Exte	ended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$	165,840.00	\$	166,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$	170,000.00	\$	170,000.00
3	10'-Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$-		\$	
4	6' Wide Sidewalk (6" concrete)	LF	4,500	\$	36.00	\$	162,000.00
5	Asphalt Paving	SF	151,800	\$	3.10	\$	471,000.00
6	Curb/Gutter	LF	9,000	\$	18.00	\$	162,000.00
7	Landscape, DG and Irrigation Restoration	SF	27,600	\$	3.00	\$	83,000.00
8	White Traffic Paint Stripe	LF	30,000	\$	0.50	\$	15,000.00
9	Bike Lane Marking Symbol	EA	14	\$	250.00	\$	4,000.00
10	Median	EA	9	\$	35,000.00	\$	315,000.00
11	Grosswalk-	<del>E</del> Α	θ	\$-		\$	
12	Enhanced Intersection-	EA	θ	-\$		\$	
13	Enhanced Intersection	EA	θ	-\$		\$	
14	Enhanced Intersection-	EA	θ	-\$		\$	
15	Enhanced Intersection-	EA	θ	-\$		\$	
16	Enhanced Intersection	EA	θ	-\$-		\$	
17	Retaining-Wall (3' ht.)	LF	θ	\$-	·	\$	
18	Stucco Wall-Relocation (6' ht.)	<del>LF</del>	θ	\$-		\$	
19	Right-of-Way Acquistion	SF	θ	\$		\$	
20	<del>Other</del>	EA	θ	\$-		\$	
Accumpl	ione				Subtotal	•	1,548,000.00
of Inverg	ions: nald Dr - Option 3 represents the third preferred Planning Commission option for McD ordon Rd. This option requires the reconstruction of the street to accommodate the fu of sidewalk on the north side, bike lanes, a travel lane in each direction, and center tur	ll cross-	Proje		ntingency (20%) esign Fee (10%)		310,000.00 155,000.00
2. Addition	dscaped medians.  The properties of the cost estimate includes replacing existing vertical curb or properties of the cost estimate includes replacing existing vertical curb or properties and the cost expension of the cos	with rolled e speed limit	Cons	structi	on Admin (14%)	\$	217,000.00
33 (151, cost of \$ mailboxe remove/ cost of \$	lition cost assumes the removal of all existing pavement/medians along the 4,600 LF 800 SF) at \$0.55 SF at approximately \$84,000 and the removal of the 9,000 LF of cur 4.00 LF at \$36,000. Also it includes the removal/replacement of driveways and relocates on the 15 residential lots and 3 Special Use Permit properties. Estimate is \$2,500 to replace driveway and \$500 to relocate mailbox. Factored in 18 driveways and 11 mail 150,000. \$170,000	b/gutter at a tion of o					
5. Aspha of curb. 6. Curb/ 7. Lands	ralk cost includes reconstruction of existing 6' wide sidewalks at 4,500 LF.  alt paving cost estimate assumes 4,600 LF of street at a street width of 33 LF measure  Gutter assumes 9,000 LF for both sides of the street.  scape cost assumes some level of landscaping along the 4,600 LF on both sides of th				Tax (5.73%)	\$	89,000.00
	6 LF or 27,600 SF.						
8. Media 25' land median		of two 9' x					

Opinion of Estimated Costs

## Section Mockingbird Ln - 52nd St

Item	Description	Unit	QTY.	Unit Cost	Extended Amount	
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 1,440.00	\$	1,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	<del>SF</del>	θ	\$	\$	-
3	10' Wide Recreation Path-(6" concrete)	<del>LF</del>	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	<del>LF</del>	θ	\$	\$	-
5	Asphalt Paving	SF	θ	\$	\$	-
6	Curb/Gutter	ĿF	0	\$	\$	-
7	Landscape, DG-and Irrigation-Restoration	<del>S</del> F	θ	\$	\$	-
8	White Traffic Paint-Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking Symbol	<del>E</del> Α	θ	\$	\$	-
10	Median-	EA		\$	\$	-
11	Crosswalk	<del>EΑ</del>	θ	\$	\$	-
12	Enhanced Intersection (at Mockingbird Ln/50th St)	EA	1	\$ 12,000.00	\$	12,000.00
13	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
14	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
15	Enhanced Intersection	EA	θ	\$	\$	-
16	Enhanced-Intersection-	<del>E</del> Α	θ	\$	\$	-
17	Retaining Wall (3' ht.)	ŁF	θ	\$	\$	-
18	Stucco Wall Relocation (6' ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way-Acquistion	<del>SF</del>	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	
Assumpti		41146		Subtotal	\$	13,000.00
	ced Intersection (at Mockingbird Ln/50th St) to connect the existing sidewalk on the no to the existing sidewalk on the south side of the street. Cost estimate assumes a strip		Proje	ct Contingency (20%)	\$	3,000.00
thermopla	astic crossing, with related ADA curb improvements, landscaping in the immediate are	a, and		Design Fee (10%)	\$	1,000.00
	related demolition of existing curb/pavement. Cost estimate uses the Crossing - Local estimated cost subtotal template of \$12,000		Com	aturation Admin (149/)	æ	2,000.00
	do not include existing pavement maintenance, mill/overlay, micro-seal, etc.		Construction Admin (14%)		Ψ	2,000.00
0, 000.0				Tax (5.73%)	\$	1,000.00
				TOTAL	\$	20,000.00

Opinion of Estimated Costs

## Section Monte Vista Dr

Item	Description	Unit	QTY.	Unit Cost	Exten	ided Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 6,960.00	\$	7,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 31,800.00	\$	32,000.00
3	10' Wide Recreation Path (6" concrete)	LF	θ	\$	\$	-
4	4'-6' Wide Trail (compacted natural surface) or 4'-6' Wide Paved Shoulder	LF	1,950	\$ 10.00	\$	20,000.00
5	Asphalt-Paving	<del>SF</del>	θ	\$	\$	-
6	Curb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	1,950	\$ 3.00	\$	6,000.00
8	White Traffic Paint-Stripe	<del>LF</del>	θ	\$	\$	-
9	Bike Lane Marking Symbol	EA	θ	\$	\$	-
10	Median-	<del>ΕΑ</del>	θ	\$	\$	-
11	Grosswalk	EA	θ.	\$	\$	-
12	Enhanced Intersection	EA	θ	\$	\$	-
13	Enhanced Intersection	<del>EΑ</del>	θ	\$	\$	-
14	Enhanced Intersection	EA	θ	\$	\$	-
15	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
16	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
17	Retaining-Wall (3' ht.)	ŁF	θ	\$	\$	-
18	Stucco-Wall Relocation (6' ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way Acquistion	SF	θ	\$	\$	-
20	Other-	EA	θ	\$	\$	<del>-</del>
Assumpti	ons:	adjoining the		Subtotal	\$	65,000.00
1. Demol	ition includes relocation of mailboxes and reconstruction of driveways on the 14 lots pedestrian facility along the north side of Cheney Dr. Estimate is \$2,500 to remove	driveway,	Proje	ect Contingency (20%)	\$	13,000.00
\$1,100 to	replace driveway, and \$500 to relocate mailbox. Factored in 8 driveways and 6 mai	ilboxes.		Design Fee (10%)	\$	7,000.00
an altern Town pur 3. Lands	trian facility cost assumes a compacted natural trail, but existing right-of-way could a ative option for a paved shoulder or sidewalk. Neighborhood input is needed at such rsues hiring for the design and construction of this pedestrian facility. Cost assumes cape cost assumes some level of landscaping along entire 1,950 LF at width of 3'. to not include existing pavement maintenance, mill/overlay, micro-seal, etc.	time the	Con	struction Admin (14%)	\$	9,000.00
	ounded to nearest \$1,000. Total rounded to nearest \$10,000.			Tax (5.73%)	\$	4,000.00
				TOTAL	. \$	100,000.00

Opinion of Estimated Costs

### Section Mountain View Rd

Item	Description	Unit	QTY.	Unit Cost	Exte	nded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 77,040.00	\$	77,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	1	\$ 192,550.00	\$	193,000.00
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$	-
4	6' Wide Sidewalk (6" concrete)	LF	6,750	\$ 36.00	\$	243,000.00
5	Asphalt-Paving	SF	θ	\$	\$	-
6	Curb/Gutter	LF	6,750	\$ 18.00	\$	122,000.00
7	Landscape, DG and Irrigation Restoration	SF	20,250	\$ 3.00	\$	61,000.00
8	White-Traffic Paint Stripe	<del>LF</del>	0	\$	\$	-
9	Bike Lane Marking Symbol	EA	θ	\$	\$	-
10	Median-	EA	0	\$	\$	-
11	<del>Crosswalk-</del>	<del>E</del> Α	0	\$	\$	
12	Enhanced Intersection (at Mountain View Rd/Invergordon Rd)	EA	1	\$ 23,250.00	\$	23,000.00
13	Enhanced Intersection-	<del>E</del> Α	θ	\$	\$	-
14	Enhanced-Intersection	EA	θ	-\$	\$	-
15	Enhanced Intersection-	EA	θ	\$	\$	-
16	Enhanced Intersection-	EA	θ	\$	\$	-
17	Retaining-Wall (3' ht.)	<del>LF</del>	θ	\$	\$	-
18	Stucco Wall-Relocation (6'-ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way Acquistion	SF	θ	\$	\$	-
20	<del>Other</del>	EA	θ	\$	\$	-
Assumption 1 Demolis	ons: tion cost includes reconstruction of some of the driveways/relocation of mailboxes on the 12	2 lots between		Subtotal	\$	719,000.00
Tatum Blv	d and 52nd St and 26 lots between 56th St to Invergordon Rd. Estimate is \$2,500 to remove	e driveway,	Proje	ct Contingency (20%)	\$	144,000.00
\$1,100 to	replace driveway, and \$500 to relocate mailbox. Factored 43 driveways and 35 mailboxes.	Demolition of 52nd St		Design Fee (10%)	\$	72,000.00
and remo	cost also assumes removal of existing 2,450 LF of curb on the south side of Mountain View Rd west of 52nd St and removal of 4,300 LF of existing curb between 56th St to Invergordon Rd at a cost of \$3/LF.  2. New sidewalk on the south side of the street west of 52nd Street and east of 56th Street. Cost estimate for 6,750 LF.  Construction Admin (14%)			\$	101,000.00	
3. Landso 4. Enhand and ADA Mountain sidewalk the Cross	6,750 LF.  3. Landscape cost assumes some level of landscaping along the entire 6,750 LF at a width of 3'.  4. Enhanced Intersection (at Mountain View Rd/Invergordon Rd) to add one crosswalk with thermoplastic stripe and ADA ramps on Invergordon Rd at Mountain View Rd to connect the new sidewalk on the south side of Mountain View Rd to the existing sidewalk on the east side of Invergordon Rd. No signal/push buttons. If no sidewalk is installed on the south side of Mountain View Rd, this crosswalk may be eliminated. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/4 (\$23,250)  5. Costs rounded to nearest \$1,000. Total rounded to nearest \$10,000.					41,000.00

TOTAL \$	1,080,000.00

Opinion of Estimated Costs

### Section Northern Ave

Item	Description	Unit	QTY.	7. Unit Cost		ded Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$ 2,160.00	\$	2,000.00
2	Demolition-(e.g. sidewalk, curb, asphalt, etc.)	<del>SF</del>	θ	\$	\$	-
3	6' Wide Trail	LF	400	\$ 20.00	\$	8,000.00
4	6' Wide Sidewalk (6" concrete)	<del>LF</del>	θ	\$	\$	-
5	Asphalt Paving	SF	θ	\$	\$	-
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$	-
7	Landscape, DG and Irrigation Restoration	SF	θ	\$	\$	-
8	White Traffic Paint Stripe	<del>LF</del>	θ	\$	\$	•
9	Bike-Lane Marking-Symbol-	EΑ	θ	\$	\$	-
10	Median-	EA		\$	\$	-
11	<del>Crosswalk-</del>	<del>EA</del>	θ	\$	\$	-
12	Enhanced Intersection	EA	θ	\$	\$	-
13	Enhanced-Intersection-	EA	θ	\$	\$	-
14	Enhanced Intersection	<del>E</del> Α	θ	\$	\$	-
15	Enhanced Intersection	EA	θ	\$	\$	-
16	Enhanced-Intersection-	EA	θ	-\$	- \$	-
17	Retaining-Wall (3' ht.)	<del>LF</del>	θ	\$	\$	-
18	Stucco-Wall Relocation (6' ht.)	<del>LF</del>	θ	\$	\$	-
19	Right-of-Way Acquistion	<del>S</del> F	θ	\$	\$	-
20	Other	EA	1	\$ 10,000.0	\$	10,000.00
Assumpt		Iorthern Ave		Subtot	al \$	20,000.00
	mum 6' wide trail, with option to 10' wide, from Golf Drive to Scottsdale Rd within the N t. An alternative to this trail is consideration of securing from Cheney Estates Homeow		Proje	ect Contingency (20%	6) \$	4,000.00
Associat	on an easement for public use of the existing sidewalk within the Cheney Estates ope	n space		Design Fee (10%	6) \$	2,000.00
at Chene 2. Other	st assumes 10' wide compacted natural trail for 400 LF.Cost excludes 875 LF adjoining by Estates, which includes a stipulation to add a trail within the Northern Ave alignment. cost estimate assumes \$10,000 for relocation of existing utility boxes. rounded to nearest \$1,000. Total rounded to nearest \$10,000.		Con	struction Admin (14%	6) \$	3,000.00
				Tax (5.73	%) \$	1,000.00

TOTAL \$	30,000.00

Opinion of Estimated Costs

## Section Resort Loop

Item	Description	Unit	QTY.		Unit Cost	Exte	ended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	L.S	1	\$	131,160.00	\$	131,000.00
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	SF	46,350	\$	3.00	\$	139,000.00
3	10' Wide Recreation Path (6" concrete)	LF	7,725	\$	60.00	\$	464,000.00
4	6'-Wide-Sidewalk (6" concrete)	<del>LF</del>	θ	<b>\$</b>		\$	-
5	Asphalt-Paving	<del>SF</del>	θ	\$		\$	-
6	Curb/Gutter	<del>LF</del>	θ	\$		\$	-
7	Landscape, DG and Irrigation Restoration	SF	115,000	\$	3.00	\$	345,000.00
8	White Traffic Paint-Stripe	<del>LF</del>	θ	\$		\$ ,	-
9	Bike Lane Marking Symbol-	<del>EΑ</del>	θ	\$	<del> </del>	\$	•
10	Median-	<del>E</del> Α		\$		\$	=
11	Crosswalk (at Echo Canyon Round-About)	EA	1	\$	46,500.00	\$	47,000.00
12	Enhanced Intersection (at McDonald Dr/Tatum Blvd)	EA	1	\$	29,000.00	\$	29,000.00
13	Enhanced Intersection (at Lincoln Dr/Tatum Blvd)	EA	1	\$	10,000.00	\$	10,000.00
14	Enhanced Intersection (at Lincoln Dr/Desert Fairways Dr)	EA	1	\$	10,000.00	\$	10,000.00
15	Enhanced Intersection (at Lincoln Dr/56th St)	EA	1	\$	46,500.00	\$	47,000.00
16	Enhanced Intersection	EA	θ	-\$		\$	-
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$		\$	-
18	Stucco-Wall-Relocation (6' ht.)	<del>LF</del>	θ	\$		\$	-
19	Right-of-Way-Acquistion	SF	θ	\$		\$	-
20	Other (Resort Loop custom-designed pavement markers)	EA	20	\$	100.00	\$	2,000.00
Assumption	ns: on assumes 7,725 LF of 6' wide sidewalk to remove, includes 3,750 LF along Mln Shadows Reso	rt and 1,875			Subtotal	•	1,224,000.00
LF along M	Iontelucia Resort.		Projec		tingency (20%)		245,000.00
2. 10' wide recreation path assumed along Montelucia Resort, Mtn Shadows Resort, McDonald Dr from 51st St to 54th St, Tatum Bivd from McDonald Dr to Rovey Ave and 150' south of Arroyo Verde Dr to Lincoln Dr  3. Landscape cost assumes some level of landscaping along entire 11,500 LF (minus 56th St) at width of 10'.  4. Crosswalk/Median at Echo Canyon includes adding a crosswalk/median to the east of round-about that is similar in design to the crosswalk/median west of the round-about and adding "watch for pedestrian crossing signs." Consideration for coordination with Phoenix on creating a dedicated drop off/pick up space for taxi/ride-share is suggested. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped - No Signals estimated cost subtotal template of \$93,000/2 (\$46,500).  5. Enhanced Intersection (at McDonald Dr/Tatum Blvd) adding missing striped crosswalk at this 3-way intersection and resetting signal for longer crossing times. Cost estimate assumes a thermoplastic stripe crosswalk, with related ADA curb improvements, landscaping in the immediate area, and related demolition of existing curb/pavement. Cost estimate uses the Crossing Striped estimated cost subtotal template of \$116,000/4 (\$29,000).  6. Enhanced Intersection (at Lincoln Dr/Tatum Blvd) is along a Visually-Significant Corridor. The cost estimate only includes restriping the existing crosswalks with thermoplastic and resetting signal for longer crossing times. Paver or stamped concrete crossings recommended.  7. Enhanced Intersection (at Lincoln Dr/Desert Fairways Dr) is along a Visually-Significant Corridor. The cost estimate only includes restriping the existing crosswalks with thermoplastic, resetting signal for longer crossing times, and adding signage or curb modification to discourage bicycle traffic down Camelback Manor Dr. Paver or stamped concrete crossings recommended.  8.					sign Fee (10%) on Admin (14%) Tax (5.73%)	\$	122,000.00 171,000.00 70,000.00
J.Costs at	o not include existing pavement maintenance, mill/overlay, micro-seal, etc.				TOTAL	. \$	1,830,000.00

Opinion of Estimated Costs

Section Tatum Blvd

Item	Description	Unit	QTY.	Unit Cost	Extended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	<del>LS</del>	θ	\$	\$
2	Demolition (e.g. sidewalk, curb, asphalt, etc.)	EA	θ	\$	\$
3	10' Wide Recreation Path (6" concrete)	<del>LF</del>	θ	\$	\$
4	6'-Wide-Sidewalk-(6"-concrete)	<del>LF</del>	θ	\$	\$
5	Asphalt Paving	<del>SF</del>	θ	\$	\$
6	Gurb/Gutter	<del>LF</del>	θ	\$	\$
7	Landscape, DG-and Irrigation Restoration	<del>SF</del>	θ	\$	\$
8	White Traffic Paint-Stripe	LF	θ	\$	\$
9	Bike Lane Marking Symbol-	EA	θ	\$	\$
10	Median-	<del>EA</del>	θ	\$	\$
11	Grosswalk-	EA	θ	\$	\$
12	Enhanced Intersection	EA	θ	\$	\$
13	Enhanced-Intersection-	<del>E</del> Α	θ	\$	\$
14	Enhanced-Intersection-	EA	θ	\$	\$
15	Enhanced Intersection-	<del>EΑ</del>	θ	\$	\$
16	Enhanced Intersection-	EA	θ	\$	\$
17	Retaining Wall (3' ht.)	<del>LF</del>	θ	\$	\$ <del>-</del>
18	Stucco Wall Relocation (6' ht.)	<del>LF</del>	θ	\$	\$
19	Right-of-Way Acquistion	<del>SF</del>	θ	\$	\$
20	Other-	EA	θ	\$	\$
Assumption	ons:			Subtotal	•
1. Tatum	Blvd is a designated Visually Significant Corridor.		Proje	ct Contingency (20%)	\$ -
	lk on the east side of Tatum Blvd between Doubletree Ranch Rd and Mountain View Rd pa ital Improvement Plan.	rt of 2018-		Design Fee (10%)	\$ -
3. Intersection improvements at Tatum Bivd/Lincoln Dr and Tatum Bivd/McDonald Dr part of the Resort Loop cost estimate or future cost estimates per the Town's Visually Significant Corridor Plan.  4. Enhancements for bicycle and/or pedestrian facilities may be warranted at the intersections of Tatum Bivd/Shea Bivd, Tatum Bivd/Mountain View Rd, Tatum Bivd/Doubletree Ranch Rd, and Tatum Bivd/Caida Del Sol. These intersections are within the City of Phoenix and require coordination with the City of Phoenix. Potential improvements may include, and are not limited to, improved/new crosswalks, resetting crossing times, and				struction Admin (14%)	\$ -
crossing l	outtons/sensors			Tax (5.73%)	\$ -

TOTAL	\$ -

Template of Estimated Costs Per Mile

### Section Berneil Ditch

Item	Description	Unit	QTY.		Unit Cost		Extended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$	30,000.00	\$	30,000.00
2	Landscape, DG and Irrigation Restoration	SF	63,000	\$	3.00	\$	189,000.00
3	Stabilized Decomposed Granite	SF	63,000	\$	1.25	\$	79,000.00
4	Site-Furnishings (benches, trash-receptacles, doggie litter stations)	LS	θ	\$		<b>\$</b>	
Assumpti	ons:				Subtotal	\$	298,000.00
1. Existing width of 1	g Town-maintained trail. Landscaping cost assumes 6,300 LF of trail and landsca l0 LF.	ping at a	Project	Conti	ngency (20%)	\$	60,000.00
	zed Granite trail at 6,300 LF, 10 LF wide.			Desi	gn Fee (10%)	\$	30,000.00
	ditional site furnishings included. rounded to nearest \$1,000. Total rounded to nearest \$10,000.		Constru	uction	Admin (14%)	\$	42,000.00
500.0 1	isaliasa to lisalisti \$1,5501. Stall isaliasa to liberioti \$10,500.				Tax (5.73%)	\$	17,000.00
					TOTAL	\$	450,000.00

## Section Crossing - Local

### Bike and Pedestrian Master Plan

Template of Estimated Costs

Item	Description	Unit	QTY.	TY. Unit Cost			Extended Amount	
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking)	LS	1	\$	1,300.00	\$	1,300.00	
2	(12%) Saw Cut and Remove Asphalt Paving	SF	150	\$	0.55	\$	100.00	
3	Asphalt Paving	SF	150	\$	3.10	\$	500.00	
4	Remove Curb and Gutter	LF	40	\$	4.00	\$	200.00	
5	Curb/Gutter	LF	40	\$	18.00	\$	700.00	
6	Remove Sidewalk	SF	150	\$	3.00	\$	500.00	
7	6' Sidewalk (6" concrete)	LF	150	\$	36.00	\$	5,400.00	
8	Remove Sidewalk Ramp	EA	0	\$	1,000.00	\$	_	
9	Sidewalk ADA Ramp	EA	1	\$	2,500.00	\$	2,500.00	
10	Landscape, DG and Irrigation Restoration	SF	200	\$	3.00	\$	600.00	
11	White Traffic Paint Stripe	LF	100	\$	0.50	\$	50.00	
12	Bike Lane Marking Symbol	EA	0	\$	250.00	\$	-	
	Crossing with Concrete Unit Pavers	SF	0	\$	16.00	\$	-	
13		LF	0	\$	16.00	\$	-	
14	Ribbon Curb at Pavers	SF	Ū	\$	10.00	\$	_	
15	Stamped and Colored Asphalt Coating	EA	0	\$	1,800.00	\$	_	
16	Ped Push Button on Pole			\$	1,800.00	\$	_	
17	Bike Push Button on Pole	EA 	0			•		
18	Ped Signal	EA	0	\$	1,600.00	\$		
	Assumptions:				Subtotal	\$	12,000.00	
	Costs rounded to nearest \$100. Total rounded to nearest \$10,000.     Does not include any necessary retaining wall or buffer wall costs.		Projec	t Conti	ingency (20%)	) \$	2,400.00	
	2. Does not include any necessary retaining wan or burier wan costs. 3. Does not include any necessary right-of-way acquisition.			Des	ign Fee (10%)	) \$	1,200.00	
4. Doe	4. Does not include existing pavement maintenance, mill/overlay, micro-seal, etc.		Cons	truction	n Admin (14%)	) \$	1,700.00	
					Tax (5.73%)	) \$	1,000.00	
					TOTAL	_ \$	18,000.00	

Template of Estimated Costs Per Mile

# Section Crossing - Striped

Item	Description	Unit	QTY.	TY. Unit Cost			Extended Amount	
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$	12,500.00	\$	12,500.00	
2	Saw Cut and Remove Asphalt Paving	SF	600	\$	0.55	\$	300.00	
3	Asphalt Paving	SF	600	\$	3.10	\$	1,900.00	
4	Remove Curb and Gutter	LF	320	\$	4.00	\$	1,300.00	
5	Curb/Gutter	LF	320	\$	18.00	\$	5,800.00	
6	Remove Sidewalk	SF	2,000	\$	3.00	\$	6,000.00	
7	6' Sidewalk (6" concrete)	LF	1,200	\$	36.00	\$	43,200.00	
8	Remove Sidewalk Ramp	EA	4	\$	1,000.00	\$	4,000.00	
9	Sidewalk ADA Ramp	EA	4	\$	2,500.00	\$	10,000.00	
10	Landscape, DG and Irrigation Restoration	SF	3,200	\$	3.00	\$	9,600.00	
11	White Traffic Paint Stripe	LF	1,800	\$	0.50	\$	900.00	
12	Bike Lane Marking Symbol	EA	0	\$	250.00	\$	-	
13	Crossing with Concrete Unit Pavers	SF		\$	16.00	\$	-	
14	Ribbon Curb at Pavers	LF		\$	16.00	\$	-	
15	Stamped and Colored Asphalt Coating	SF		\$	10.00	\$	-	
16	Ped Push Button on Pole	EA	4	\$	1,800.00	\$	7,200.00	
17	Bike Push Button on Pole	EA	4	\$	1,800.00	\$	7,200.00	
18	Ped Signal	EA	4	\$	1,600.00	\$	6,400.00	
Assumpt					Subtotal	\$	116,000.00	
	<ol> <li>Costs rounded to nearest \$100. Total rounded to nearest \$10,000.</li> <li>Does not include any necessary retaining wall or buffer wall costs.</li> <li>Does not include any necessary right-of-way acquisition.</li> <li>Does not include existing pavement maintenance, mill/overlay, micro-seal, etc.</li> </ol>		Project	Con	tingency (20%)	\$	23,000.00	
3. Does			Design Fee (10%) Construction Admin (14%)			\$	12,000.00	
4. Does						\$	16,000.00	
					Tax (5.73%)	\$	7,000.00	
					TOTAL	. \$	170,000.00	

Template of Estimated Costs Per Mile

## Section Crossing Striped -No Signals

item	Description	Unit	QTY.		Unit Cost	Extended Amount
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$	10,000.00	\$ 10,000.00
2	Saw Cut and Remove Asphalt Paving	SF	600	\$	0.55	\$ 300.00
3	Asphalt Paving	SF	600	\$	3.10	\$ 1,900.00
4	Remove Curb and Gutter	LF	320	\$	4.00	\$ 1,300.00
5	Curb/Gutter	LF	320	\$	18.00	\$ 5,800.00
6	Remove Sidewalk	SF	2,000	\$	3.00	\$ 6,000.00
7	6' Sidewalk (6" concrete)	LF	1,200	\$	36.00	\$ 43,200.00
8	Remove Sidewalk Ramp	EA	4	\$	1,000.00	\$ 4,000.00
9	Sidewalk ADA Ramp	EA	4	\$	2,500.00	\$ 10,000.00
10	Landscape, DG and Irrigation Restoration	SF	3,200	\$	3.00	\$ 9,600.00
11	White Traffic Paint Stripe	LF	1,800	\$	0.50	\$ 900.00
12	Bike Lane Marking Symbol	EA	0	\$	250.00	\$ -
13	Crossing with Concrete Unit Pavers	SF		\$	16.00	\$ -
14	Ribbon Curb at Pavers	LF		\$	16.00	\$ -
15	Stamped and Colored Asphalt Coating	SF		\$	10.00	\$ -
16	Ped Push Button on Pole	EA	0	\$	1,800.00	\$ -
17	Bike Push Button on Pole	EA	0	\$	1,800.00	\$ -
18	Ped Signal	EA	0	\$	1,600.00	\$ -
Assumpt					Subtotal	\$ 93,000.00
Costs rounded to nearest \$100. Total rounded to nearest \$10,000.     Does not include any necessary retaining wall or buffer wall costs.		Project	Con	tingency (20%)	\$ 18,600.00	
3. Does	not include any necessary right-of-way acquisition.			De	sign Fee (10%)	\$ 9,300.00
4. Does	not include existing pavement maintenance, mill/overlay, micro-seal, etc.		Const	uctio	n Admin (14%)	\$ 13,000.00
					Tax (5.73%)	\$ 5,000.00
					TOTAL	\$ 140,000.00
			· ····			

Template of Estimated Costs Per Mile

## Section Crossing Striped (Other)

Item	Description	Unit	QTY. Unit Cost		Extended Amount	
1	General Conditions (Mobilization, Traffic Control, SWPPP, Staking) (12%)	LS	1	\$	1,100.00	\$ 1,100.00
2	Saw Cut and Remove Asphalt Paving	SF	0	\$	0.55	\$ -
3	Asphalt Paving	SF	0	\$	3.10	\$ -
4	Remove Curb and Gutter	LF	0	\$	4.00	\$ -
5	Curb/Gutter	LF	0	\$	18.00	\$ -
6	Remove Sidewalk	SF	0	\$	3.00	\$ -
7	6' Sidewalk (6" concrete)	LF	0	\$	36.00	\$ -
8	Remove Sidewalk Ramp	EA	0	\$	1,000.00	\$ -
9	Sidewalk ADA Ramp	EA	0	\$	2,500.00	\$ -
10	Landscape, DG and Irrigation Restoration	SF	0	\$	3.00	\$ -
11	White Traffic Paint Stripe	LF	1,800	\$	0.50	\$ 900.00
12	Bike Lane Marking Symbol	EA	4	\$	250.00	\$ 1,000.00
13	Crossing with Concrete Unit Pavers	SF		\$	16.00	\$ -
14	Ribbon Curb at Pavers	LF		\$	16.00	\$ -
15	Stamped and Colored Asphalt Coating	SF		\$	10.00	\$ -
16	Ped Push Button on Pole	EA	0	\$	1,800.00	\$ -
17	Bike Push Button on Pole	EA	4	\$	1,800.00	\$ 7,200.00
18	Ped Signal	EΑ	0	\$	1,600.00	\$ -
					Subtotal	\$ 10,000.00
	Assumptions:  1. Cost per mile. Costs rounded to nearest \$100. Total rounded to nearest \$10,000  2. Does not include retaining wall or buffer wall costs. \$120 LF assumed at 3' high		Project Contingency (20%)  Design Fee (10%)  Construction Admin (14%)			\$ 2,000.00
2. Does						\$ 1,000.00
3. Does not include additional ROW costs. ROW acquisition cost varies. \$20 sf assumed						\$ 1,400.00
	<ul><li>4. Cost assumes existing lights and traffic signals remain in place.</li><li>5. Does not include existing pavement maintenance, mill/overlay, micro-seal, etc.</li></ul>				Tax (5.73%)	\$ 1,000.00
					TOTAL	\$ 15,000.00