















1: PATHS AWAY FROM ROADS (Class 1 Multi-use Paths)			2: BIKE LANES NEXT TO TRAVEL LANES (Class 2)			3: BIKES SHARING TRAVEL LANES (Class 3)			4: SEPARATED CYLCE TRACKS (Class 4 - Bikes Only)			5: PEDESTRIAN ONLY WALKING FACILITIES (attached to streets)		
1a	Separated Multi-use Path		2a	Standard Bicycle Lane		3a	Standard Bicycle Route		4a	Two-way Cycle Track with Barrier		5a	Standard Contiguous Sidewalk	
														
<u>INNER EDGE</u> > 5' buffer from road needed	<u>PRIMARY TRAVEL SURFACE</u> 8'-12' path with centerline	<u>OUTER EDGE</u> 2' graded shoulder (each side)	<u>INNER EDGE</u> standard travel lane	<u>PRIMARY TRAVEL SURFACE</u> 4'-8' marked lane with lane symbols (min. 5' if adjacent parking or gutter and curb)	<u>OUTER EDGE</u> curb or 7'-8' parking lane	<u>INNER EDGE</u> standard travel lanes	<u>PRIMARY TRAVEL SURFACE</u> Part of 13'-16' travel lane	<u>OUTER EDGE</u> shoulder stripe or curb and gutter	<u>INNER EDGE</u> 2'-4' with 3' high barrier or 9" raised median	<u>PRIMARY TRAVEL SURFACE</u> 8'-12' lane with centerline	<u>OUTER EDGE</u> 2' graded shoulder, fogline or walkway	<u>INNER EDGE</u> travel lane, parking lane or bike lane	<u>PRIMARY TRAVEL SURFACE</u> 4'-8' inside of a 6" tall / wide curb	<u>OUTER EDGE</u> adjacent land uses or buildings
1b	Parallel Separated Single-use Paths		2b	Painted Bicycle Lane		3b	Bicycle Route with Sharrows		4b	Two-way Raised Cycle Track w/ Mountable Curb		5b	Sidewalk with Parkway Buffer	
														
4'-6' walkway with 2'-4' buffer	8'-10' path with centerline / bikes only	2' graded soft shoulder or striped buffer	10' - 13' travel lane	5'-6' colored lane with standard bike lane symbols and green paint	2'-3' buffer next to 7'-8' parking lane or curbline	shared with standard travel lane	11'-14' travel lane (min. 3' offset from parked cars or in the center of the lane)	7'-8' parking lane	7'-8' parking or travel lane with 3'-4' buffer striping	8'-12' lane with centerline	separate walkway stripe or ADA edging or additional curb	3'-12' planted parkway protected by raised curb	4'-12' walkway	adjacent land uses or buildings
1c	Protected Multi-use Paths Near Roadways		2c	Outside Buffered Bicycle Lane		3c	Colored Shared Lane with Sharrows		4c	One-way Raised Cycle Track w/ Mountable Curb		5c	Sidewalk with Trees in Tree Grates	
														
30" High Barrier from Active Travel Lanes	8'-10' path	2' soft shoulder or distance from obstructions	2' - 4' buffer stripe with chevron markings	5'-6' lane with standard lane symbols	raised curb	10' travel lane or shared lane with 5'-6' unmarked travelway	5'-6' colored lane with sharrow symbols	7'-8' parking lane	1' - 2' mountable curb with striping	4'-6' lane	2'-3' wide parkway buffer to walkways	6" curb for parking lane, bike lane or travel lane	6'-12' wide walkway with trees placed in tree grates that can be walked on	adjacent land uses or buildings
1d	Parallel Bike Path & Soft Surface Trail		2d	Inside Buffered Bicycle Lane		3d	Bicycle Boulevard		4d	One-way Cycle Track with Parking Buffer		5d	Sidewalks with Parkway-Meandering from Road	
														
2' soft surface shoulder	8'-10' firm or hard surface path	4'-6' soft surface side trail	travel lane	4'-6' lane with standard lane symbols	1'-3' stripes with chevron markings next to 7'-8' parking	shared travel lane	11'-16' travel lane with special bikeway boulevard symbols, signage and occasional vehicle diverters	parking or edge of roadway	7'-8' parking lane with 2'-3' painted buffer with vertical delineators	4'-6' painted lane with symbols	3'-4' parkway planter separating from walking edge	planted parkway with varying widths filled with plantings	6'-12' walkways that meander away from the edge of the roadway, separated by trees and other plantings.	adjacent landscape plantings with varying widths
1e	Highly Compacted Firm Surface Multi-use Trail		2e	Bicycle Lane Buffered on Both Sides		3e	Multi-Way Boulevard		4e	One-way Cycle Track with Post or Flexible Barrier		5e	Special Plazas and Promenades	
														
varies	4'-8' firm surface compacted trail useable by most bikes except thin tired high pressure bikes	varies	2'-3' buffer stripe with chevron markings	4'-6' lane with standard lane symbols	2' stripe buffer with chevron markings against 7'-8' parking	standard through lanes with 4'-6' raised median buffer	11'-18' frontage road with marked bike lane or sharrow routes	7'-8' parking lane or angled parking with extra wide walkway	2' buffer stripe with delineators or barriers	4'-6' lane with symbols	curb next to walkway or parkway	varies	Plazas or wide promenades at least 20' wide with multiple travelways	varies



A: NATURE TRAILS (Soft Surface / non-ADA surface and/or grades)			B. RECREATION TRAILS (Firm Surface for ADA with <8' slopes)			C: UNPAVED ROAD (Soft / Firm Surface / Various Grades)			D. ROADSIDE TRAIL CONNECTORS ( Soft / Firm / Hard Surface Walkways)			E. EQUESTRIAN TRAILS (Soft Surface )		
A-1	Level Nature Trails (Soft Surface)		B-1	Level Recreation Trails (Firm Surface)		C-1	Level Shared Roadbeds (Soft or Firm Surface)		D-1	Roadway Trail Connector (Firm Surface)		E-1	Equestrian Only Trails (Soft Surface)	
														
vegetation	2'-4' soft surface trail with mostly level (<8% slope)	vegetation	vegetation with edging	4'-8' firm surface trail - mostly level (<5% slope)	vegetation with edging	vegetation or dirt shoulder	8'-16' roadbed with limited access for maintenance vehicles	vegetation or dirt shoulder	travel lanes, parking lane, or bike lane	Worn pathway with soft or firm surface with minimal improvements	varies	2'-4' graded side path	4'-6' trail surface	2'-4' graded side path
A-2	Rolling Nature Trails (Soft Surface)		B-2	Rolling Recreation Trails (Firm Surface)		C-2	Rolling Shared Roadbeds (Soft or Firm Surface)		D-2	Open Space Connector (Soft Surface)		E-2	Shared Equestrian Trails (Soft Surface)	
														
vegetation	2'-4' soft surface trail with varying degrees of steepness (>8% slope)	vegetation	vegetation with edging	4'-8' soft surface trail - mostly level (<8% slope)	vegetation with edging	vegetation or dirt shoulder	8'-16' roadbed with limited access for maintenance vehicles	vegetation or dirt shoulder	vegetation	Worn pathway in open space with soft surface and minimal improvements	vegetation	2'-4' graded side path	4'-6' trail surface	2'-4' graded side path





	S.1	S.2	S.3	F.1	F.2	F.3	F.4	H.1	H.2	H.3	H.4	H.5	H.6
													
	Loose Sand and Gravel	Native Compacted Soil	Uncompacted Decomposed Granite	Compacted Flat Gravel or Crushed Stone	Cement Soil	Emulsified / Compacted DG	Poly Pave / Aggregate Epoxy Resins	Standard Asphalt	Permeable Asphalt	Standard Concrete	Permeable Concrete	Colored Permeable Concrete	Colored Concrete with Granite Aggregate
TRAIL TYPE	SOFT SURFACE			FIRM SURFACE				HARD SURFACE					
COSTS													
COST PER SF	\$1.00	\$1.50	\$1.75	\$2.00	\$2.50	\$2.75	\$3.00	\$3.50	\$4.50	\$5.00	\$6.00	\$7.00	\$12.00
MAINTENANCE	Low	Moderate	Low	Low	Moderate	Moderate	Moderate	High	High	Low	Moderate	Moderate	Moderate
LONGEVITY	3-5 years	3-5 years	5 years	5- 7 years	5 years	5-10 years	5-10 years	8-10 years	8 years	25 years	15 years	15 years	25 years
USER TYPES ALLOWED ( lighter check mark is considered marginal for the user)													
HIKING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EQUESTRIAN	✓	✓	✓	✓	✓	✓	✓						
WALKING		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RUNNING	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
STROLLER			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WHEELCHAIR / ADA					✓	✓	✓	✓	✓	✓	✓	✓	✓
BMX / MTN. BIKE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HYBRID BIKE		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ROAD BIKE				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SKATEBOARDS						✓	✓	✓	✓	✓	✓	✓	✓
IN-LINE SKATING						✓	✓	✓	✓	✓	✓	✓	✓
FEATURES													
AESTHETICS	Moderate	High	High	Moderate	High	High	High	Low	Low	Low	Low	Moderate	High
REDUCED RUNOFF	Good	Moderate	Moderate	Moderate	Poor	Poor	Poor	Poor	Good	Poor	Good	Good	Poor
PREVENTS SILTATION	Poor	Poor	Poor	Moderate	Moderate	Good	Good	Good	Good	Good	Good	Good	Good
PATH OR TRAIL TYPES													
BIKE FACILITIES				1	1	1	1	1, 2, 3 & 4	1, 2 & 4	1, 2, 3 & 4	1,2 & 4	1 & 4	1 & 4
WALKING FACILITIES		D	D	5,D	5, D	5, D	5, D	5, D					
TRAIL FACILITIES	A, E	A, E	A, E	A, B, C	B	B	B	D	D	D	D	D	D