General Descriptions					Width Slope					Trail Users Supported						Possible Amenities								Edge / Fencing Treatments																		
					r Experience				slope	ress. thin tired)	ecreation Bike	Bike 🔏	\$	ih Bikes	Dog Walker	支	alker 🗲	A			Info & Maps	Maps ulatory Sign	ith Icons	ent or Overhead Structures	ities	/iewpoints			nser		hting	Pedestrian Level Trail Lighting Non-native Shade Trees and Shrubs	rubs								The state of the s	
	Trail Type		Roadway)	(SO) Minimum Width			Maximum Slope*	Ideal Slope	Maximum Cross-	Roadbike (high press. thin tired)	Hybrid/Cruiser/Recreation	Mountain / BMX Bike	Wheelchair*	Stroller / Kids Push Bikes	Social / Exercise / Dog Walker	Jogger/ Runner	Hiker / Nature Walker	Equestrian	Off-Street Parking	Restrooms	Major Kiosk with Info & Maps	Minor Klosk with Maps Trail Name & Regulato	Trail Users Post with Icons	Gateway Monument or Overhead Overhead Shade Structures	Interpretive Facilitie	Public Art Vista Pullouts or Viewpoints	Picnic Tables	Denches Trash Receptacle	Dog Waste Dispenser	Bike Racks Drinking Fountain	Security Level Lig	Pedestrian Level Non-native Shade	Native Trees & Sh	Shovel Cut Edge / Rock Edge / Tree Limb Edge	Existing Vegetation Edge or New Planter Areas	Braided Wire Fence	Wood Post an Rope / Cable	d Peeler Log wit Notched Rails		d Metal Post	tal Post & N ipe Rail	Welded Wire or Mesh Fence
A	Nature Trail	Nature Appreciation, Birding, Adventure, Fresh Air, Low Impact Exercis	and Natural Areas	2'	4'	4'	25.0%	8.3%	5.0%			•			v	·	•		•		,	V	•		•	•		V				•		•	•	•	v					
В	Recreation Trail	Nature, Adventure, Exercise, Dog Walking and Social Interaction		4'	6'	8'	8.3%	2.0%	2.0%		v	v	?*	v	v	v	v	v		,	•		v	v		v				v		v			V		v	•	v			
c	Unpaved Roads	Nature, Exercise, Dog Walking and Utility Access	Open Space and Natural Areas, Typically on Utility Access Roads	ı 8'	10'	14'	20.0%	8.3%	5.0%		?**	•		?**	v	•	•	•	•			v	v			·		ı						V	v	v	v		v			
D	Roadside Trail Connectors	Exercise and Transportation that Connects More Permanent Trails	Roadways or	2'	4'	8'	25%	8.3%	5.0%		?*	v	?*	?*	v	v	•				,	v	v			v		v				v			•			·	v	v	•	
E	Equestrian Trails	Exclusive Equestrian or Shared Trailbeds	Open Space or Near Equestrian Facilities	4'	6'	12'	8.3%	5.0%	2.0%			•				•	•	•	· •		V	v	v	v	v	· ·		·				·			•		v		v	•	•	•

	ATHS AWAY FROM ROADS 1 Multi-use Paths)		KE LANES NEXT TO FRAVEL LANES (Class 2)		BIKES SHARII FRAVEL LANES (Class 3)			EPARATED CY TRACKS ss 4 - Bikes O		5: PEDESTRIAN ONLY WALKING FACILITIES (attached to streets)			
1a	Separated Multi-use Path	2a	Standard Bicycle Lane	3a	Standard Bicycl	e Route	4a	Two-way Cycle T Barrier		5a	Standard Cont Sidewall	_	
INNER. EDGE. > 5' buffer from road needed	PRIMARY TRAVEL SURFACE 8'-12' path with centerline 2' graded shoulder (each side)	INNER. EDGE. standard travel lane	PRIMARY TRAVEL SURFACE 4'-8' marked lane with lane symbols (min. 5' if adjacent parking or gutter and curb)	INNER. EDGE standard travel lanes	PRIMARY TRAVEL SURFACE Part of 13'-16' travel lane	OUTER EDGE shoulder stripe or curb and gutter	INNER. EDGE 2'-4' with 3' high barrier or 9" raised median	PRIMARY TRAVEL SURFACE 8'-12' lane with centerline	OUTER EDGE 2' graded shoulder, fogline or walkway	INNER EDGE travel lane, parking lane or bike lane	PRIMARY TRAVEL SURFACE 4'-8' inside of a 6" tall / wide curb	OUTER EDGE adjacent land uses or buildings	
1b	Parallel Separated Single- use Paths	2b	Painted Bicycle Lane	3b	Bicycle Route Sharrows		4b	Two-way Raised Track w/ Mounta		5b	Sidewalk with F Buffer	Parkway	
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 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 L Sharrows		4c	One-way Raised Track w/ Mounta	_	5c	Sidewalk with 1 Tree Grat		
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	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 Boule	evard	4d	One-way Cycle To Parking But		5d	Sidewalks with F Meandering fro	•	
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 with chevron markings next to 7'-8' parking		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.	plantings	
1e	Highly Compacted Firm Surface Multi-use Trail	2e	Bicycle Lane Buffered on Both Sides	3e	Multi-Way Bou	levard	4e	One-way Cycle To Post or Flexible		5e	Special Plaza Promenad		
varies	4'-8' firm surface varies	2'-3' buffer	4'-6' lane with standard 2' stripe	standard	11'-18' frontage road	7'-8' parking	2' buffer	4'-6' lane with symbols	curb next to	varies	Plazas or wide	varies	
	compacted trail useable by most bikes except thin tired high pressure bikes	stripe with chevron markings	lane symbols buffer with chevron markings against 7'-8' parking	through lanes with 4' 6' raised median buffer	with marked bike lane or	lane or angled parking with extra wide walkway	stripe with delineators	r o rano with Symbols	walkway or parkway		promenades at least 20' wide with multiple travelways		

PARI	IWO: RECR	VEA I IV	OH K	ELAIED BI	NE AN	ID PEL	JES I KIAN I	ACIL	IIIE3		EINCI	MITAS	ATP/ TRAILS	PLAIN	
(Soft	IATURE TRAII Surface / non- ce and/or grad	-ADA	(Firm	CREATION To Surface for with <8' slope	ADA	(Sof	JNPAVED RO t / Firm Surfa arious Grade	ice /	(S	OADSIDE TR CONNECTORS oft / Firm / Ha face Walkwa	S ard	E. EQUESTRIAN TRAILS (Soft Surface)			
A-1	Level Nature Tr (Soft Surface		B-1 Level Recreation Trails (Firm Surface)			C-1	Level Shared Ro (Soft or Firm S		D-1	Roadway Trail Co (Firm Surfa		E-1	Equestrian Onl (Soft Surfa	~	
									for			-			
vegetation	2'-4' soft surface trail with mostly level (<8% slope)		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	A-2 Rolling Nature Trails (Soft Surface)			B-2 Rolling Recreation Trails (Firm Surface)			Rolling Shared R (Soft or Firm S		D-2	Open Space Co (Soft Surfa		E-2	Shared Equestri (Soft Surfa		
					1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							1			
vegetation	2'-4' soft surface trail with varying degrees of steepness (>8% slope)	~	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	

ENCINITAS ATP/ TRAILS PLAN



Decomposed Granite or Crushed Stone Compacted DG **Epoxy Resins** Concrete **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 Low Moderate Low Low Moderate Moderate Moderate High High Low Moderate Moderate Moderate MAINTENANCE 3-5 years 3-5 years 5 years 5- 7 years 5 years 5-10 years 5-10 years 8-10 years 8 years 15 years 15 years 25 years 25 years LONGEVITY USER TYPES ALLOWED (lighter check mark is considered marginal for the user) • V • EQUESTRIAN • • ~ WALKING • • ~ RUNNING ~ ~ STROLLER WHEELCHAIR / ADA • • BMX / MTN. BIKE HYBRID BIKE ~ ROAD BIKE SKATEBOARDS IN-LINE SKATING **FEATURES** Moderate Moderate High Low Low Low Low Moderate High AESTHETICS High High High 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 1, 2, 3 & 4 1, 2 & 4 1, 2, 3 & 4 1,2 & 4 1 & 4 1 & 4 BIKE FACIITIES D D 5,D 5, D 5, D 5, D 5, D WALKING FACILITIES A, E A, E D D A, B, C В TRAIL FACILITIES