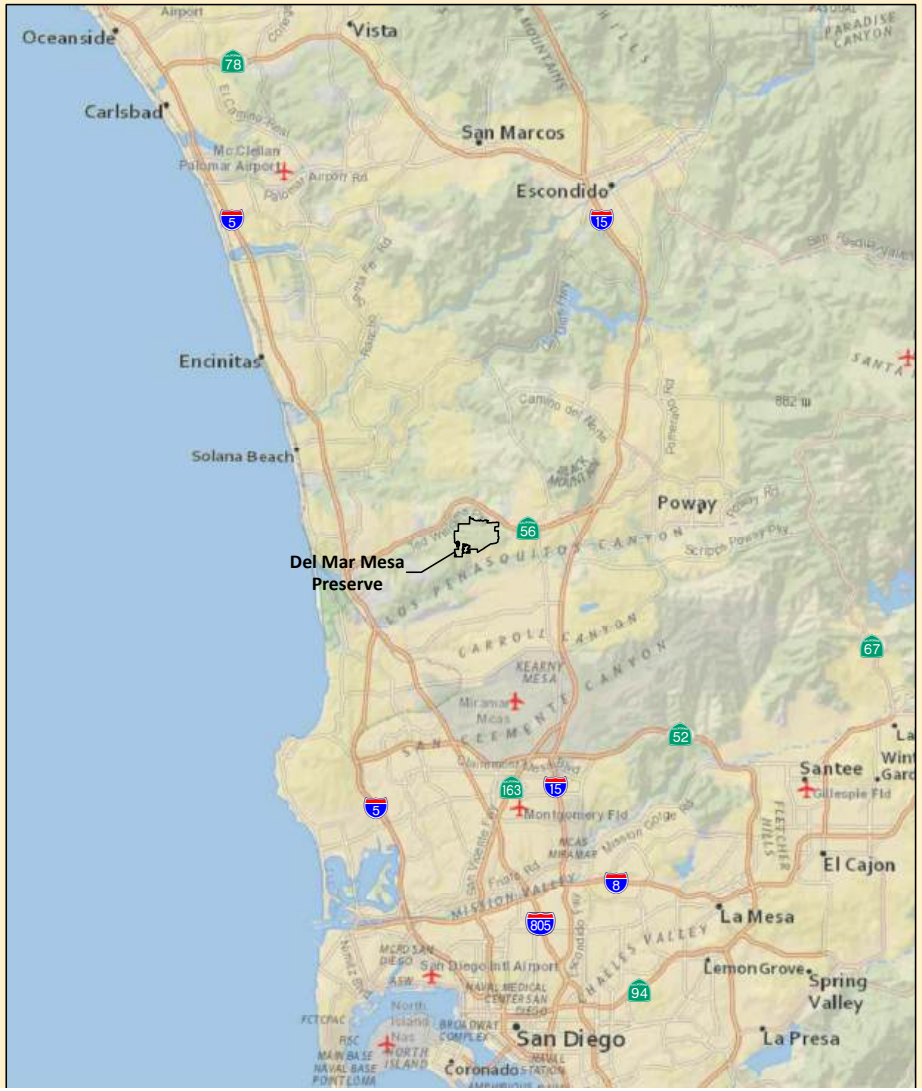
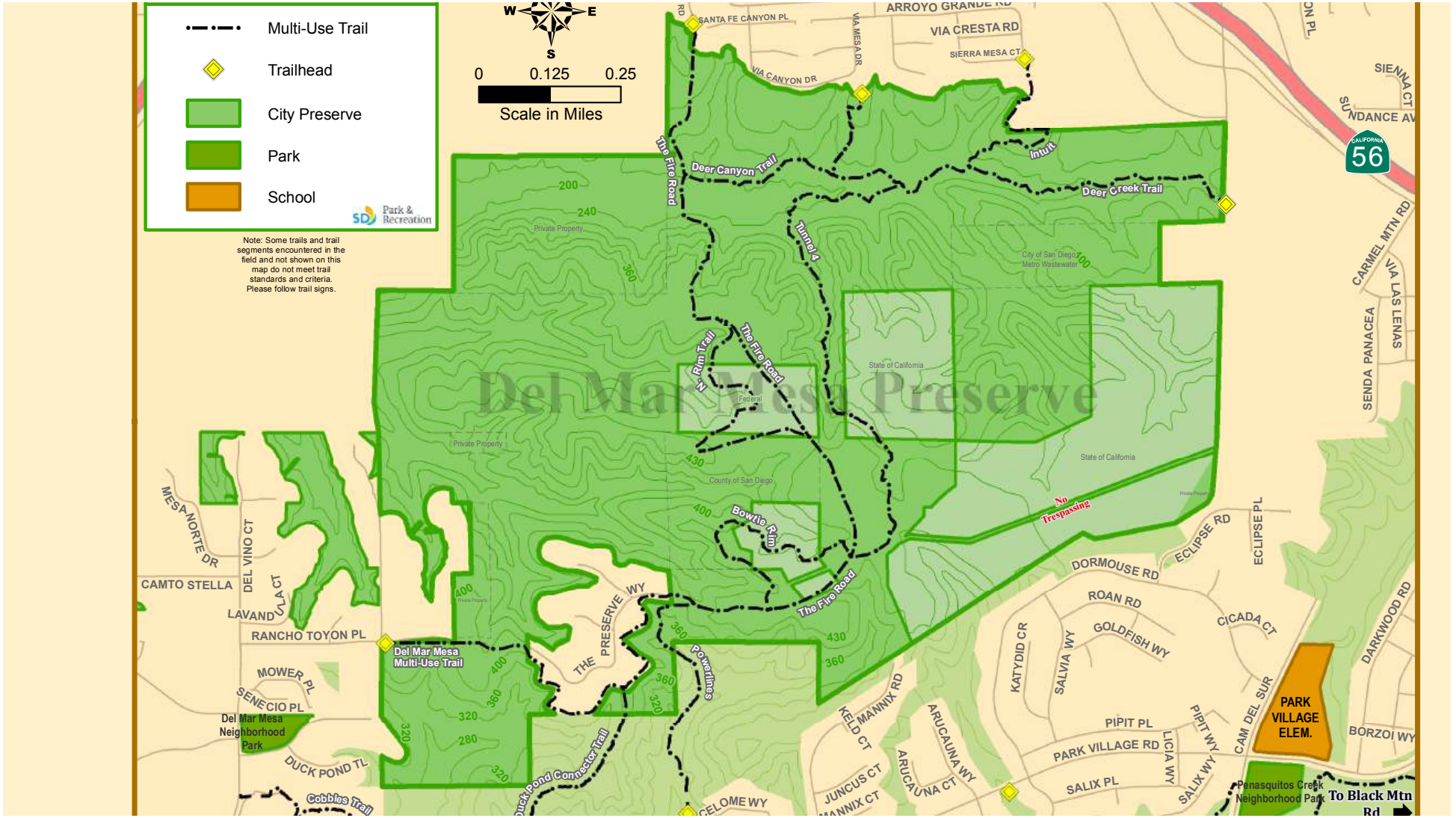
Habitat Restoration on the
Del Mar Mesa Preserve
The Chaparral
Lands Conservancy
Friends of
Los Peñasquitos
Canyon
Preserve

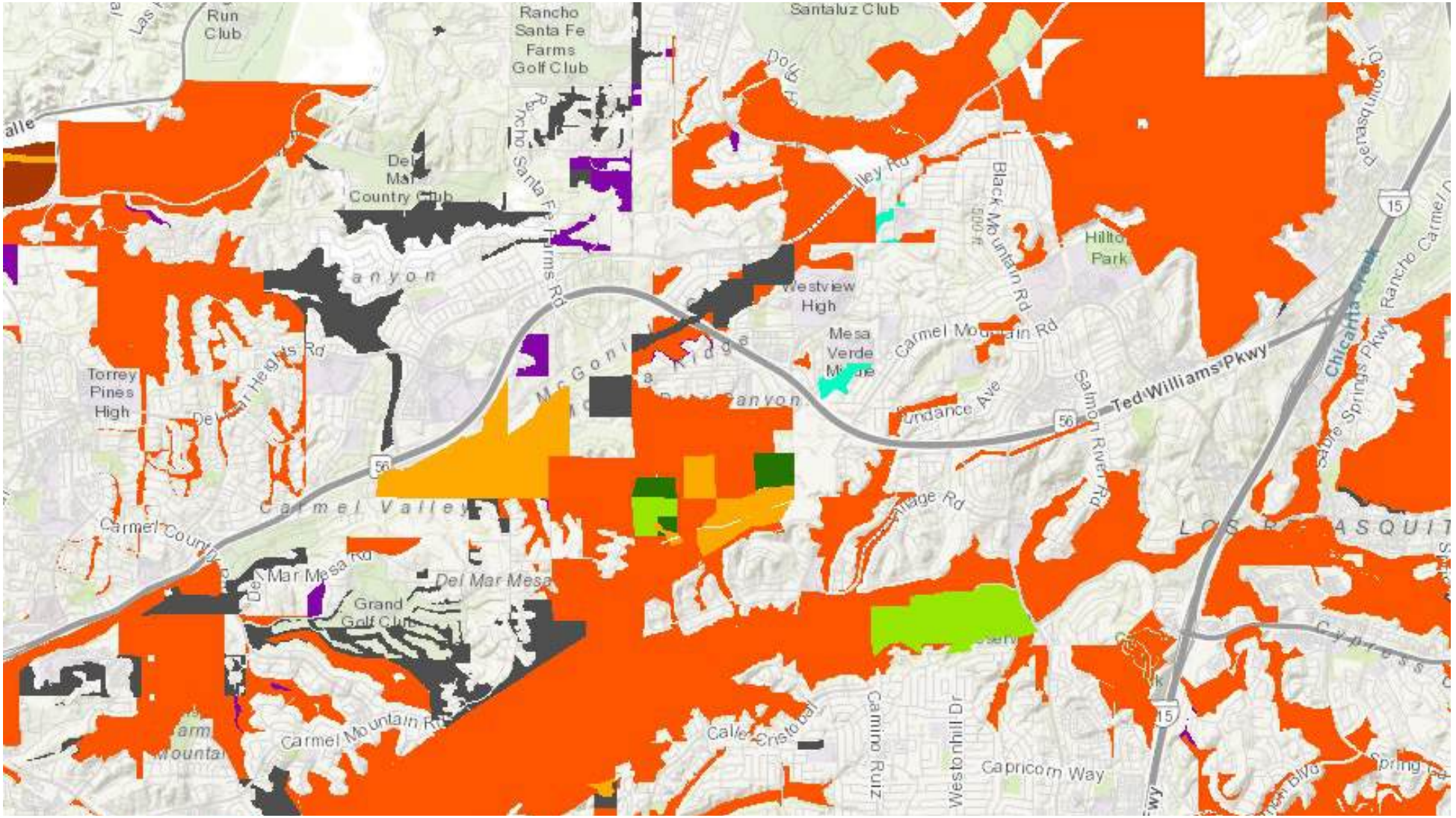

Oceanside
Vista
Carlsbad
San Marcos
Escondido
Encinitas
Solana Beach
Poway
Del Mar Mesa
Preserve
Santee
El Cajon
La Mesa
Lemon Grove
Spring
Valley
San Diego
La Presa
Coronado
Montgomery Fld
San Diego Intl Airport
78
5
15
56
67
52
163
8
805
94

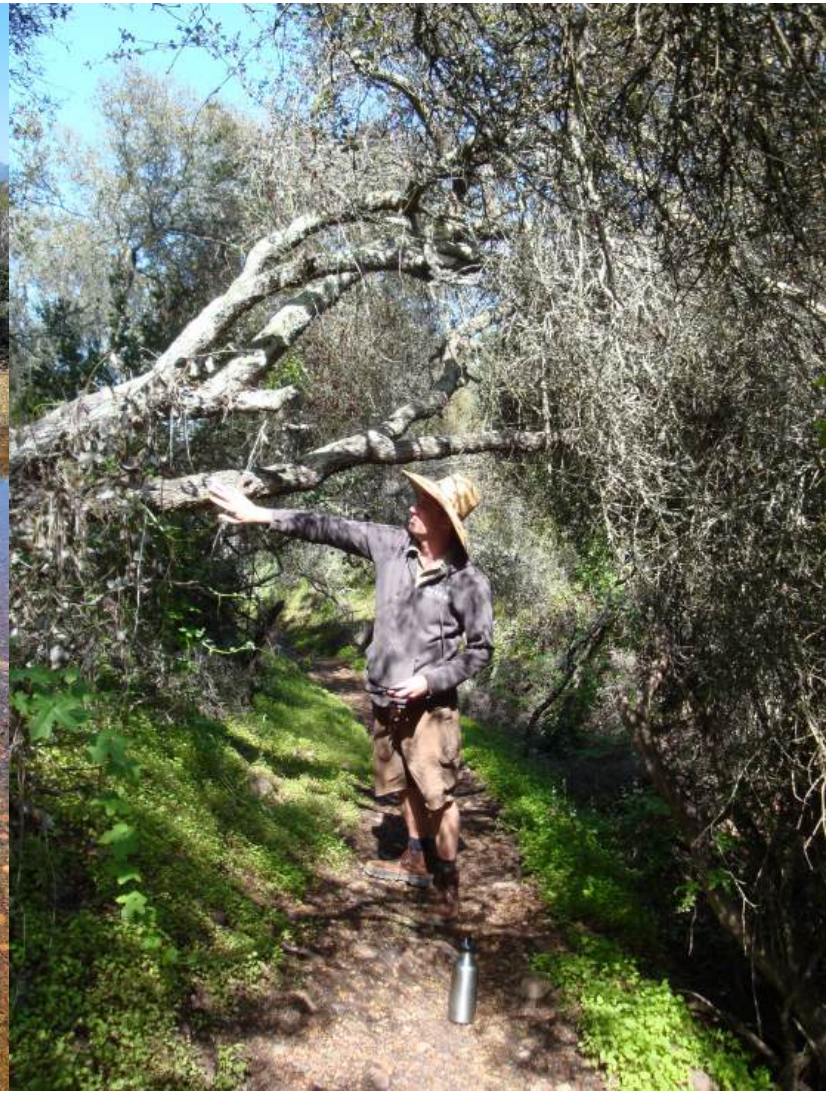


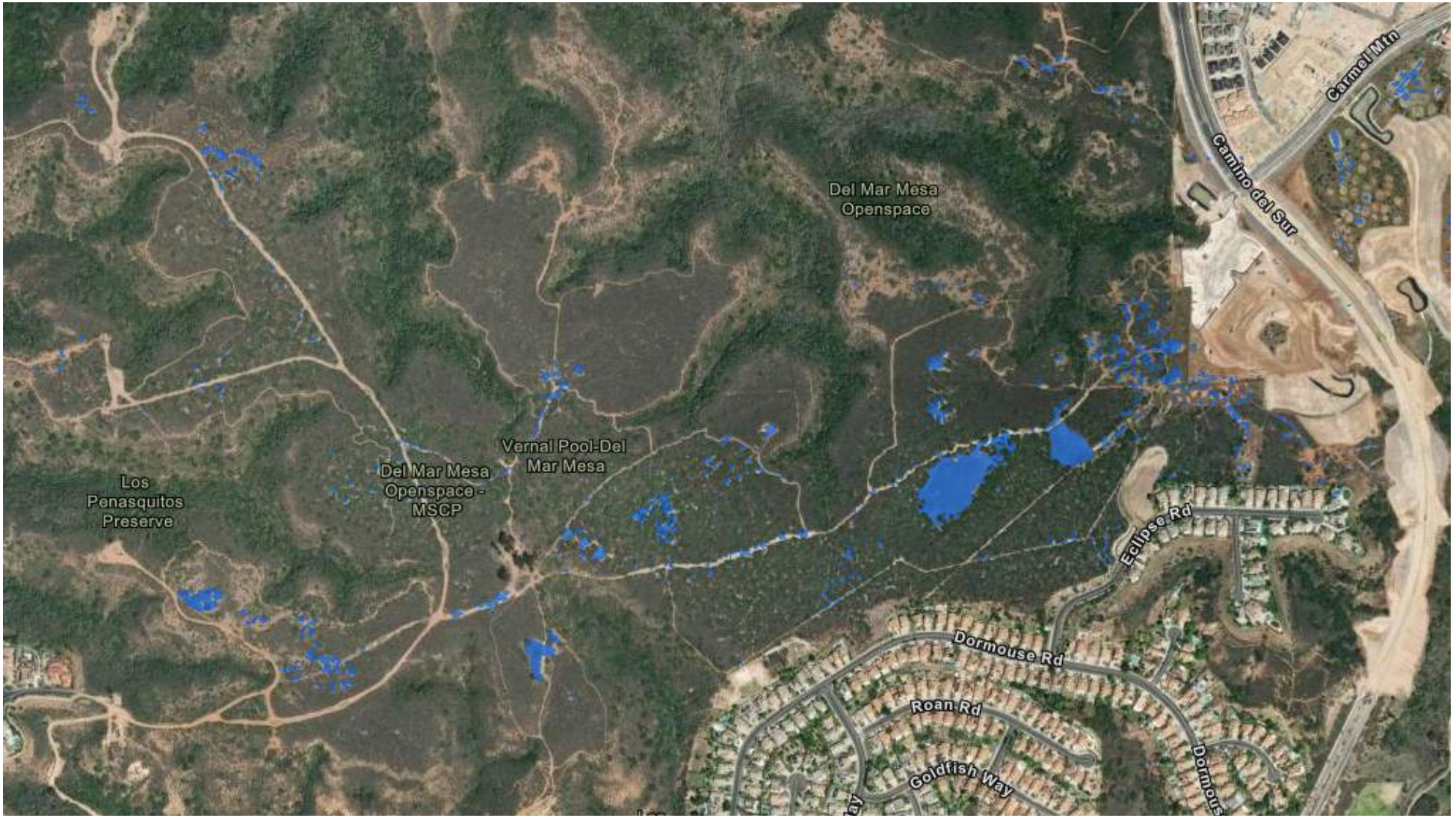
Multi-Use Trail
Trailhead
City Preserve
Park
School
Park & Recreation
Note: Some trails and trail segments encountered in the field and not shown on this map do not meet trail standards and criteria. Please follow trail signs.
W
E
S
0
0.125
0.25
Scale in Miles
Del Mar Mesa Preserve
Deer Canyon Trail
Deer Creek Trail
The Fire Road
Tunnel 4
N. Rim Trail
Bowtie Rim
Intuit
Powerlines
Del Mar Mesa Multi-Use Trail
Del Mar Mesa Neighborhood Park
Duck Pond Connector Trail
Cobbles Trail
PARK VILLAGE ELEM.
Penasquitos Creek Neighborhood Park
To Black Mtn Rd
No Trespassing
State of California
City of San Diego Metro Wastewater
County of San Diego
Private Property
Federal
ARROYO GRANDE RD
VIA CRESTA RD
SIERRA MESA CT
SANTA FE CANYON PL
VIA CANYON DR
VIA MESA DR
SIENNA CT
SUNDANCE AV
CARMEL MTN RD
VIA LAS LENAS
SENDA PANACEA
ECLIPSE RD
ECLIPSE PL
DORMOUSE RD
ROAN RD
GOLDFISH WY
CICADA CT
DARKWOOD RD
KATYDID CR
SALVIA WY
PIPIT PL
PIPIT WY
PARK VILLAGE RD
LICIA WY
SALIX PL
SALIX WY
CAM DEL SUR
BORZOI WY
MANNIX RD
KELD CT
ARUCAUNA WY
ARUCAUNA CT
JUNCUS CT
MANNIX CT
CELOME WY
THE PRESERVE WY
MESA NORTE DR
DEL VINO CT
CAMTO STELLA
LAVANDULA CT
RANCHO TOYON PL
MOWER PL
SENECIO PL
DUCK POND TL
56

Introduction to the Del Mar Mesa Preserve

- Significant remnant ecological landscape
- Integral component of natural open space preserves and wildlife corridors in the northern City of San Diego
- “Biological Core Area” under MSCP


Run Club
Rancho Santa Fe Farms Golf Club
Santaluz Club
Del Mar Country Club
Rancho Santa Fe Farms Rd
Black Mountain Rd
Hilltop Park
Westview High
Mesa Verde Middle
Carmel Mountain Rd
Torrey Pines High
Del Mar Heights Rd
McGonigle Ridge
Canyon
Ted Williams Pkwy
Salmon River Rd
Chicarita Creek
Sabre Springs Pkwy
Rancho Carmel
Carmel Valley
Carmel County
Del Mar Mesa Rd
Del Mar Mesa
Grand Golf Club
Carmel Mountain Rd
Calle Cristobal
Camino Ruiz
Westonhill Dr
Capricorn Way
Cypress
Spring Ga
56
15




Del Mar Mesa
Openspace
Camino del Sur
Carmel Mtn
Vernal Pool-Del
Mar Mesa
Del Mar Mesa
Openspace -
MSCP
Los
Penasquitos
Preserve
Eclipse Rd
Dormouse Rd
Roan Rd
Goldfish Way

Mesa
Verde
Middle
Entrken Ave
Russet Leaf Ln
Openspace
56
Darkwood Rd
Pipilo
Adolphia St
Kestrel St
Dormouse Rd
Camino del Sur
Park Village Rd
Brickellia St
Ragweed St
Canyonside
Park
Del Mar Mesa
Grand
Golf
Club
Rancho
Penasquitos Adobe
Los
Penasquitos
Preserve
Black Mountain Rd
Camino
Ruiz Park
Merkar Rd
Mira
Mesa
Park
Carmel Mountain Rd
Aquarius Dr

Conservation History of the Del Mar Mesa Preserve

- Pre-1979 – Planned for dense residential development
- 1978 & 1979 – San Diego mesa mint and designation of “Future Urbanizing Area”
- 1986 – First preserve land acquired

Conservation History of the Del Mar Mesa Preserve

- 1990 – Campaign for preservation
- 1992 - 1994 – General Plan "Environmental Tier" and Future Urbanizing Area Framework Plan
- 1994 - 1998 – San Diego Multiple Species Conservation Plan

Conservation History of the Del Mar Mesa Preserve

- Early 2000s – Most of preserve acquired
- 2000s – Mountain bikers discover DMMP
- 2003 - 2015 – Resource Management Plan and compromise trail system

Conservation History of the Del Mar Mesa Preserve

- 2017 – San Diego Vernal Pool Habitat Conservation Plan
- 2020 - 2022 – Exponential increase in trail use during COVID and electric off-road vehicles
- Takeaway – DMMP is for resource protection

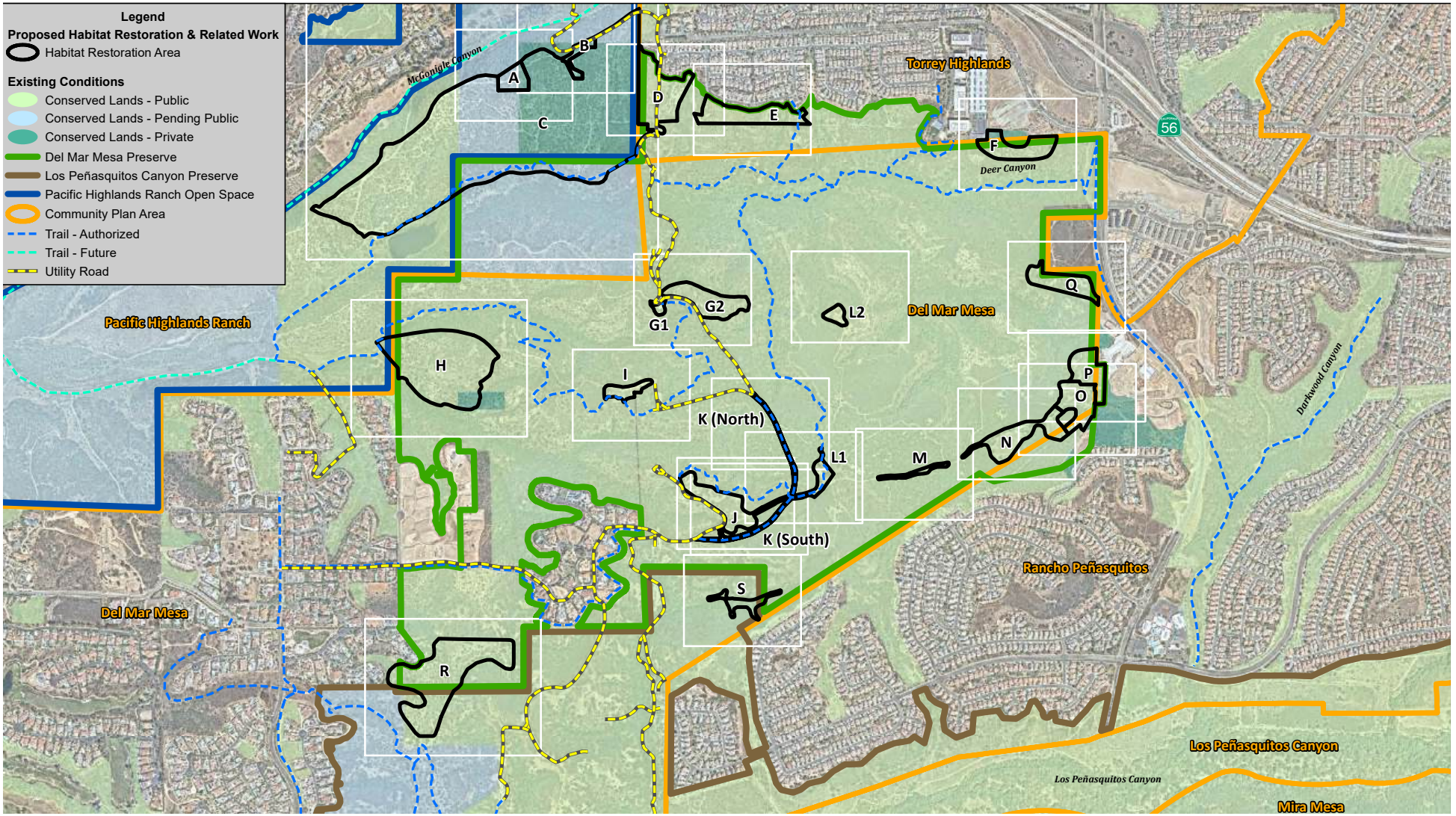
DRAFT

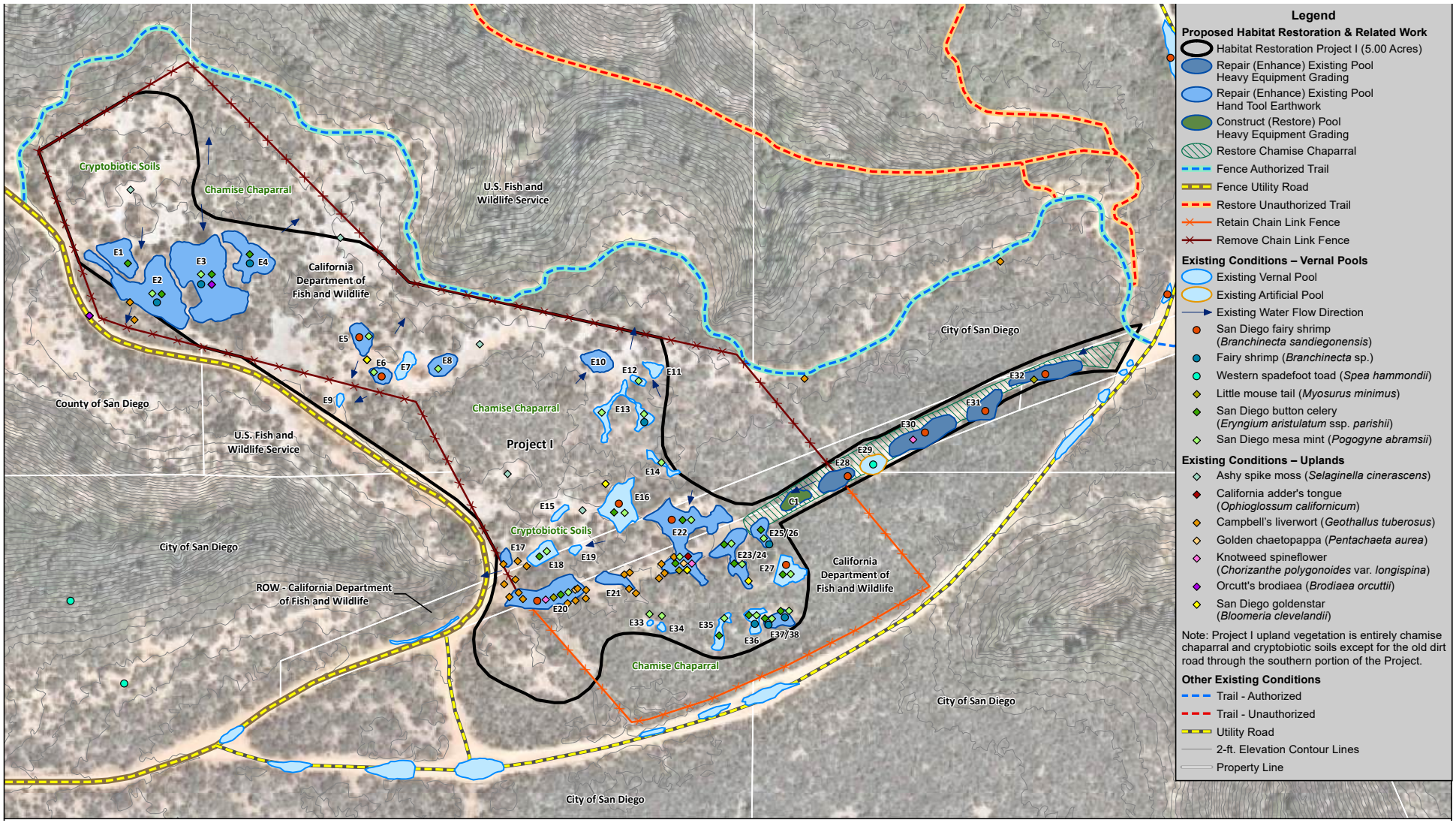
PROGRAMMATIC HABITAT RESTORATION AND MONITORING PLAN FOR THE DEL MAR MESA PRESERVE

February 2023

The Chaparral Lands Conservancy

Friends of Los Peñasquitos Canyon Preserve


Legend
Proposed Habitat Restoration & Related Work
Habitat Restoration Area
Existing Conditions
Conserved Lands - Public
Conserved Lands - Pending Public
Conserved Lands - Private
Del Mar Mesa Preserve
Los Peñasquitos Canyon Preserve
Pacific Highlands Ranch Open Space
Community Plan Area
Trail - Authorized
Trail - Future
Utility Road
A
B
C
D
E
F
G1
G2
H
I
J
K (North)
K (South)
L1
L2
M
N
O
P
Q
R
S
Torrey Highlands
Deer Canyon
McGonigle Canyon
Pacific Highlands Ranch
Del Mar Mesa
Rancho Peñasquitos
Darkwood Canyon
Los Peñasquitos Canyon
Mira Mesa
56



Legend

Proposed Habitat Restoration & Related Work

- Habitat Restoration Project I (5.00 Acres)
- Repair (Enhance) Existing Pool Heavy Equipment Grading
- Repair (Enhance) Existing Pool Hand Tool Earthwork
- Construct (Restore) Pool Heavy Equipment Grading
- Restore Chamise Chaparral
- Fence Authorized Trail
- Fence Utility Road
- Restore Unauthorized Trail
- Retain Chain Link Fence
- Remove Chain Link Fence

Existing Conditions – Vernal Pools

- Existing Vernal Pool
- Existing Artificial Pool
- Existing Water Flow Direction
- San Diego fairy shrimp (*Branchinecta sandiegonensis*)
- Fairy shrimp (*Branchinecta* sp.)
- Western spadefoot toad (*Spea hammondii*)
- Little mouse tail (*Myosurus minimus*)
- San Diego button celery (*Eryngium aristulatum* ssp. *parishii*)
- San Diego mesa mint (*Pogogyne abramsii*)

Existing Conditions – Uplands

- Ashy spike moss (*Selaginella cinerascens*)
- California adder's tongue (*Ophioglossum californicum*)
- Campbell's liverwort (*Geothallus tuberosus*)
- Golden chaetopappa (*Pentachaeta aurea*)
- Knotweed spineflower (*Chorizanthe polygonoides* var. *longispina*)
- Orcutt's brodiaea (*Brodiaea orcuttii*)
- San Diego goldenstar (*Bloomeria clevelandii*)

Note: Project I upland vegetation is entirely chamise chaparral and cryptobiotic soils except for the old dirt road through the southern portion of the Project.

Other Existing Conditions

- Trail - Authorized
- Trail - Unauthorized
- Utility Road
- 2-ft. Elevation Contour Lines
- Property Line

Elements of Habitat Restoration

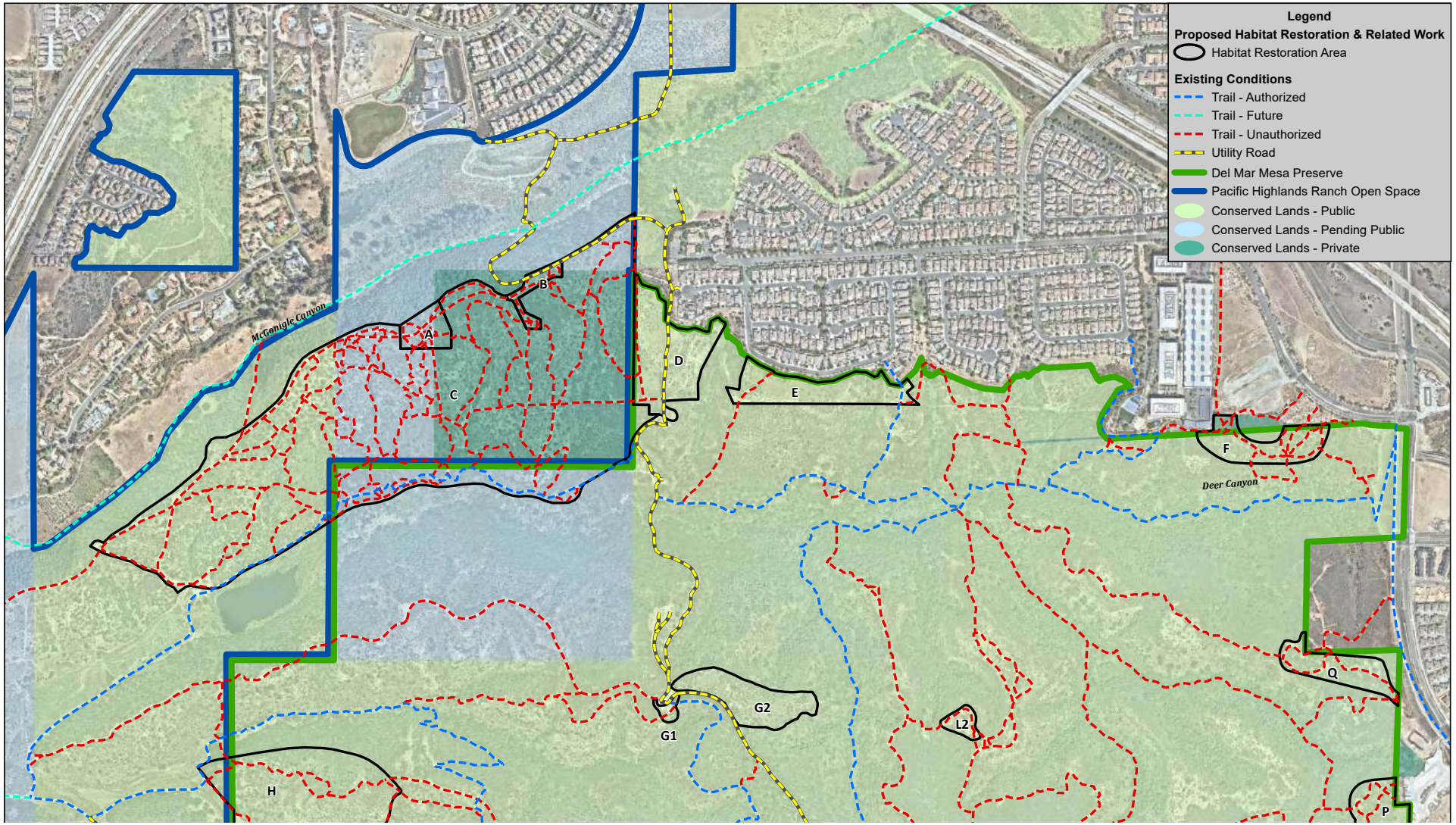
- Survey for existing resources
- Minimize impacts to existing resources
- Remove refuse
- Repair damaged terrain
- Restore and enhance damaged vegetation

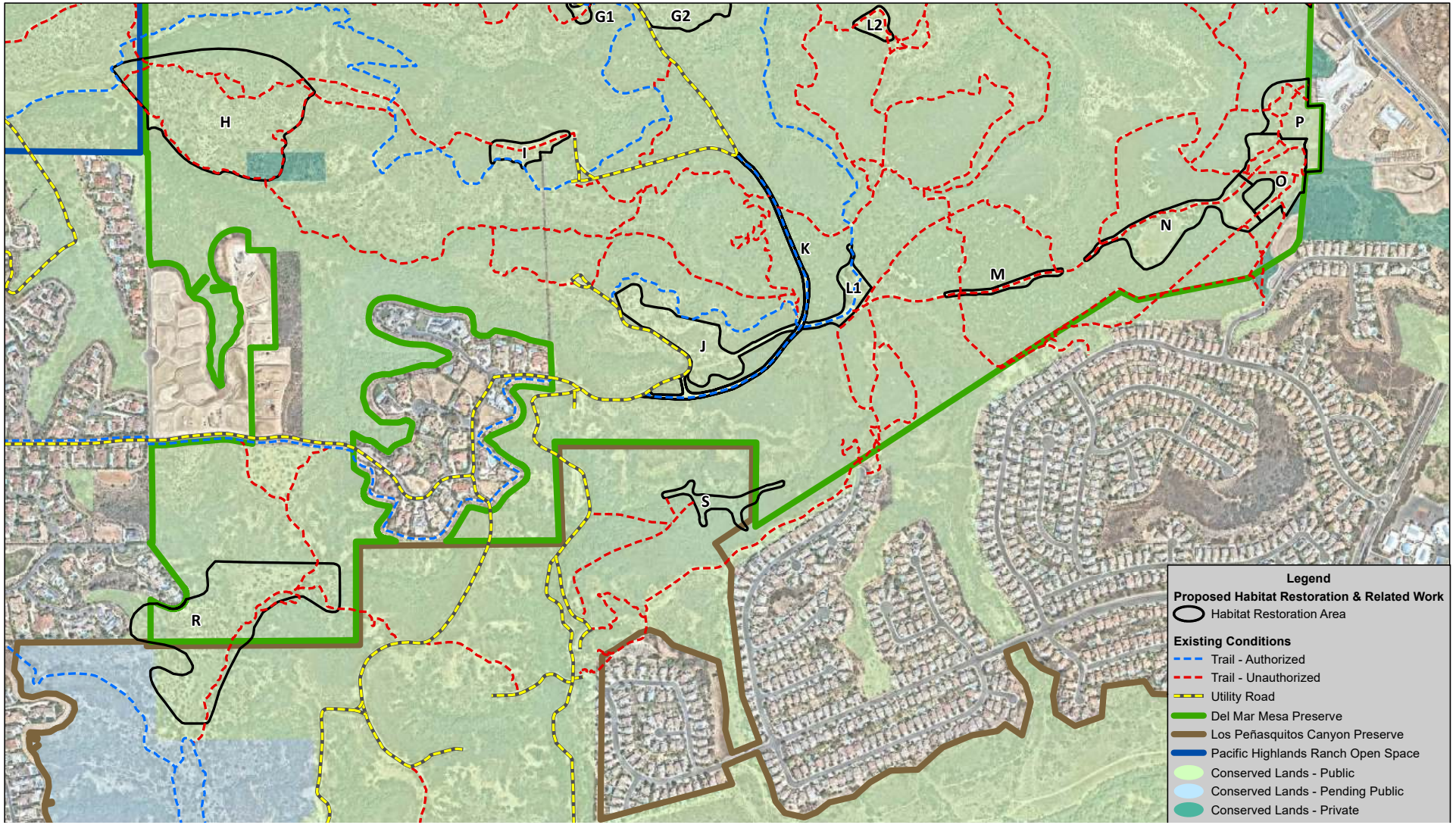
Elements of Habitat Restoration

- Replace non-native vegetation with natives
- Benefit native resident and migratory birds
- Benefit other native animals
- Control invasive non-native plants
- Increase populations of rare plants

Elements of Habitat Restoration

- Improve demarcation of legitimate authorized trails and utility roads
- Remove unauthorized trails
- Educate visitors
- Monitor, document, and report results


Legend
Proposed Habitat Restoration & Related Work
Habitat Restoration Area
Existing Conditions
Trail - Authorized
Trail - Future
Trail - Unauthorized
Utility Road
Del Mar Mesa Preserve
Pacific Highlands Ranch Open Space
Conserved Lands - Public
Conserved Lands - Pending Public
Conserved Lands - Private
McGonigle Canyon
Deer Canyon
A
B
C
D
E
F
G1
G2
H
L2
P
Q


G1
G2
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Legend
Proposed Habitat Restoration & Related Work
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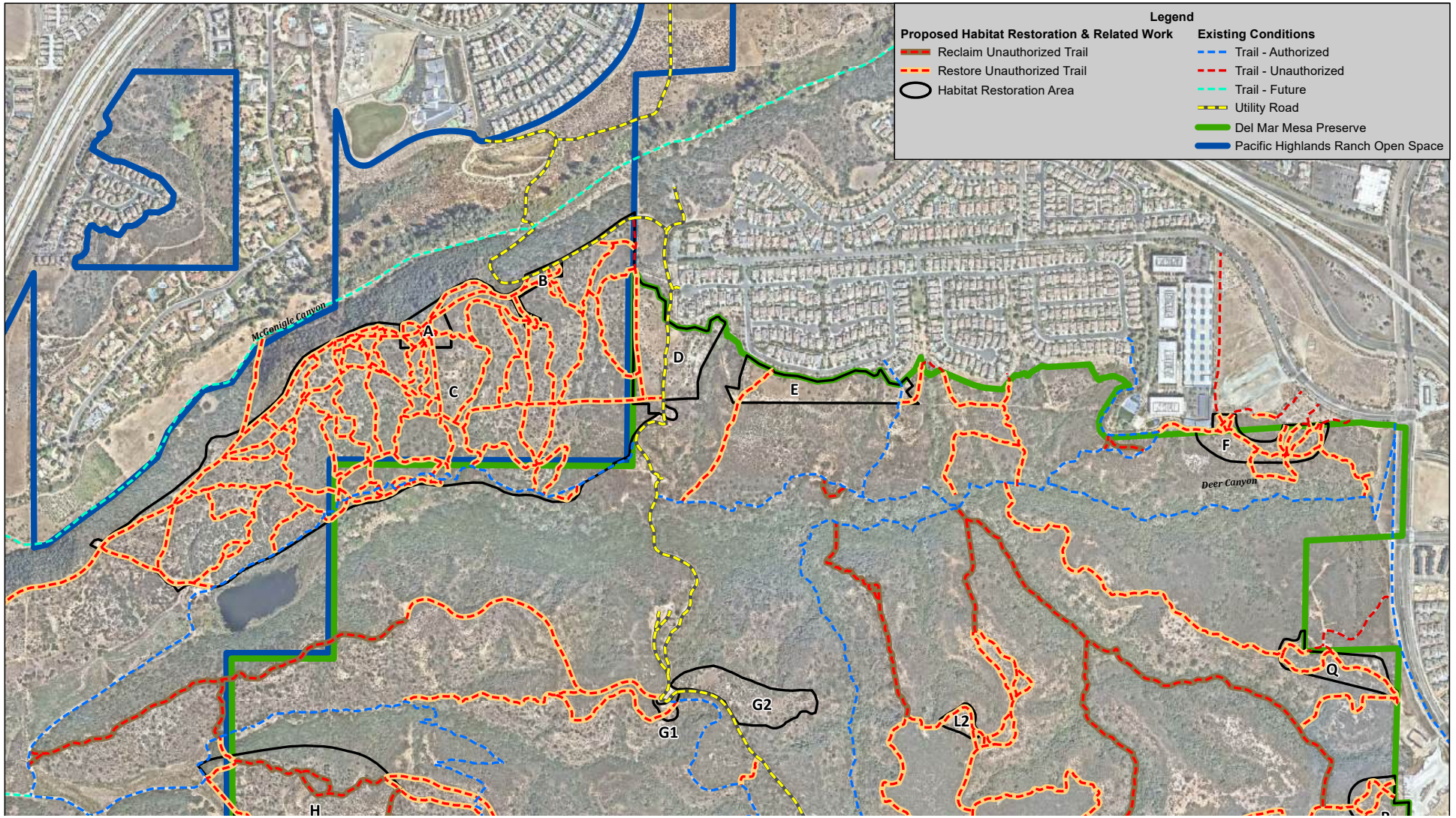
Legend
Proposed Habitat Restoration & Related Work
Reclaim Unauthorized Trail
Restore Unauthorized Trail
Habitat Restoration Area
Existing Conditions
Trail - Authorized
Trail - Unauthorized
Trail - Future
Utility Road
Del Mar Mesa Preserve
Pacific Highlands Ranch Open Space
McGonigle Canyon
Deer Canyon
A
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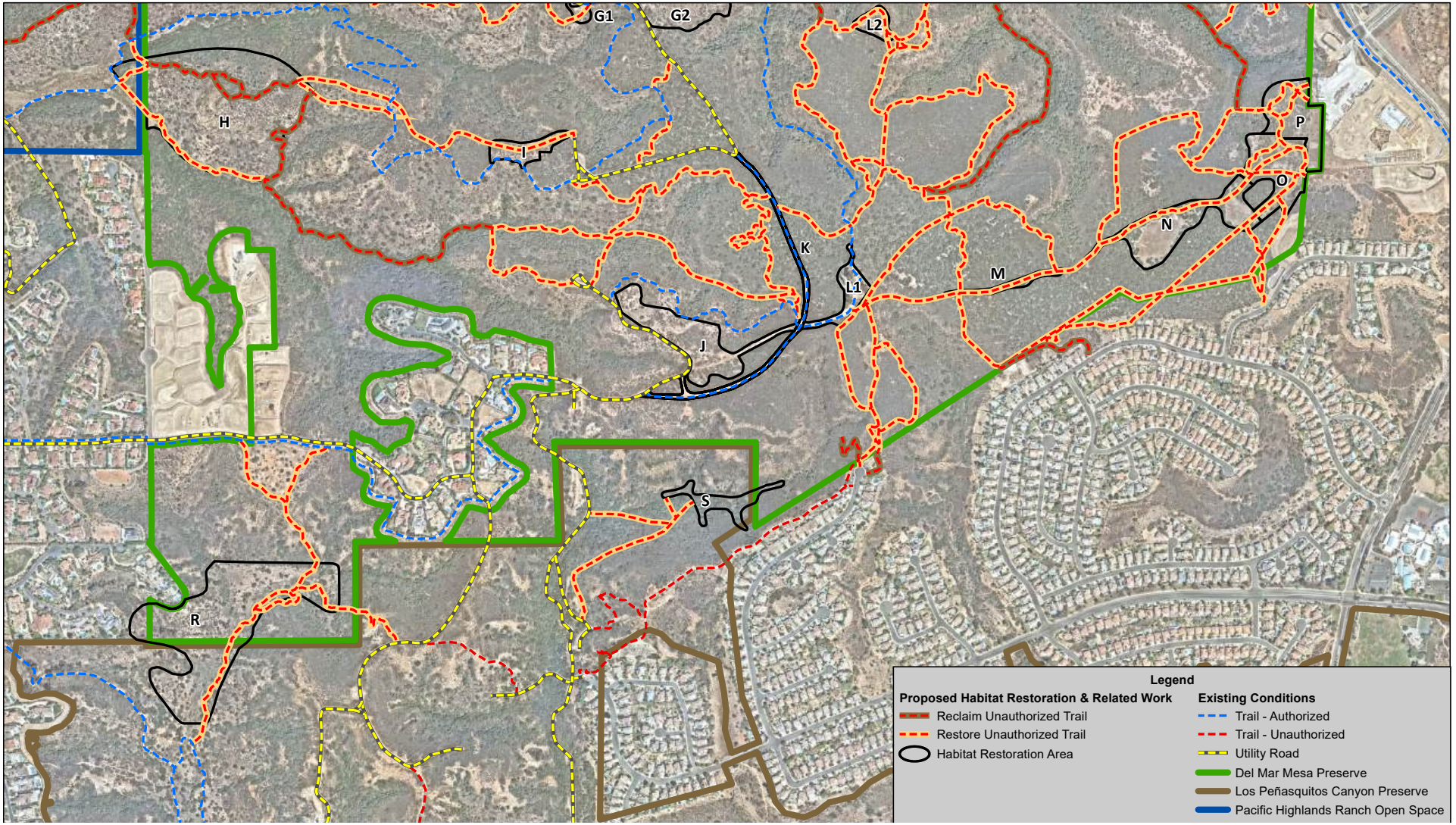
G1
G2
H
L2
Q


G1
G2
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R
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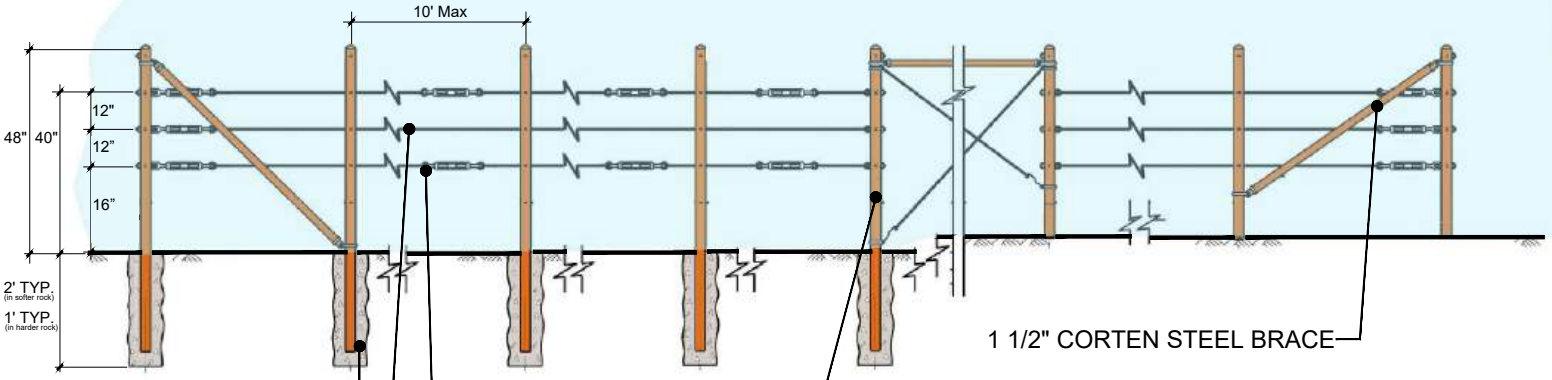
Trail - Unauthorized
Utility Road
Del Mar Mesa Preserve
Los Peñasquitos Canyon Preserve
Pacific Highlands Ranch Open Space

SENSITIVE HABITAT
PLEASE STAY
ON TRAIL

SIMILAR TO THIS

AND THIS



Not to Scale

The Chaparral Lands Conservancy

Cable Fence – Illustrative

Partnership with City

- City provides entry permits, review and approval of restoration plans, and grading permits as appropriate
- Conservancy conducts planning, design, permitting, fundraising, implementation, and monitoring.

Thank you!
The Chaparral Lands Conservancy
www.chaparralconservancy.org | facebook
970 West Valley Parkway PMB 456
Escondido, CA 92169
(760) 809-9244
director@chaparralconservancy.org
The
Chaparral Lands
Conservancy