

Fort Ord Rec Trail and Greenway



Frog Pond Wetland Preserve and The Fort Ord Regional Trail and Greenway (FORTAG)

www.fortag.org

Presentation to
Monterey Peninsula Regional Park District,
Board of Directors

Fred Watson & Scott Waltz

12 Feb 2020

Introductions

- *Fred Watson & Scott Waltz*
Volunteer co-founders of FORTAG
(Professors at CSUMB)

Disclaimer: We are unofficial

- *Rich Deal & Stefania Castillo*
FORTAG project managers for TAMC

Lead Agency for FORTAG

- *MPRPD Board of Directors*
Decision makers for MPRPD properties including Frog Pond
Wetland Preserve

What is FORTAG?

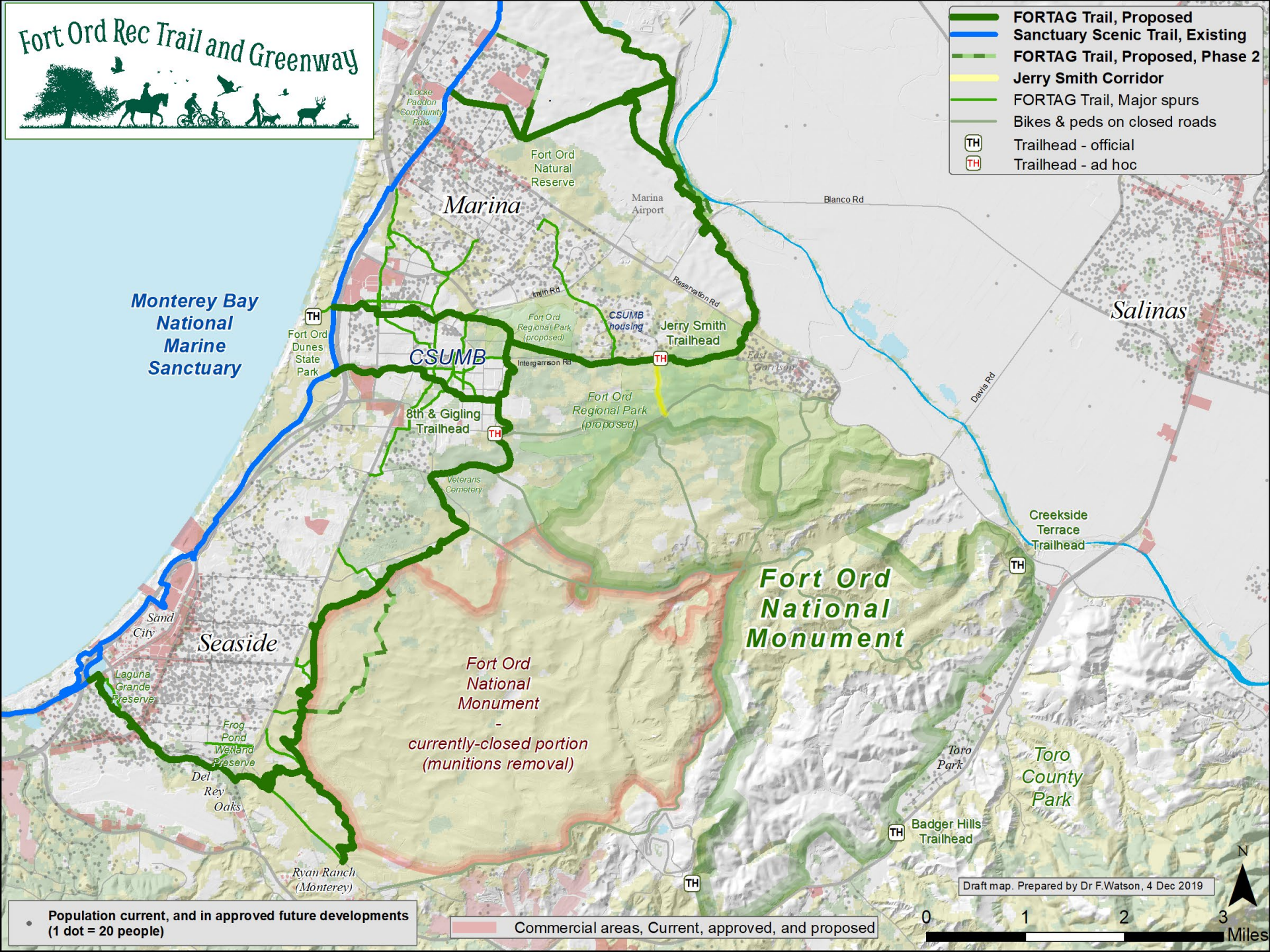
“The Fort Ord Rec Trail and Greenway (FORTAG) is proposed as a 30-mile regional network of paved recreational trails and greenways connecting communities to open space.”

FORTAG Values

- Connect people to open space
- Be a pleasant experience
- Be useable by anyone
- Have room for everyone
- Be complementary to the built environment
- Have loops, of different sizes
- Be 100% connected all the way around each loop
- Have no 'red flags' from land owners and/or jurisdictions
- Function as a habitat corridor for dispersal of native plants and movement of wildlife (with the exception of certain constrained segments where this is impractical)



- FORTAG Trail, Proposed
- Sanctuary Scenic Trail, Existing
- FORTAG Trail, Proposed, Phase 2
- Jerry Smith Corridor
- FORTAG Trail, Major spurs
- Bikes & peds on closed roads
- Trailhead - official
- Trailhead - ad hoc



• Population current, and in approved future developments
(1 dot = 20 people)

Commercial areas, Current, approved, and proposed

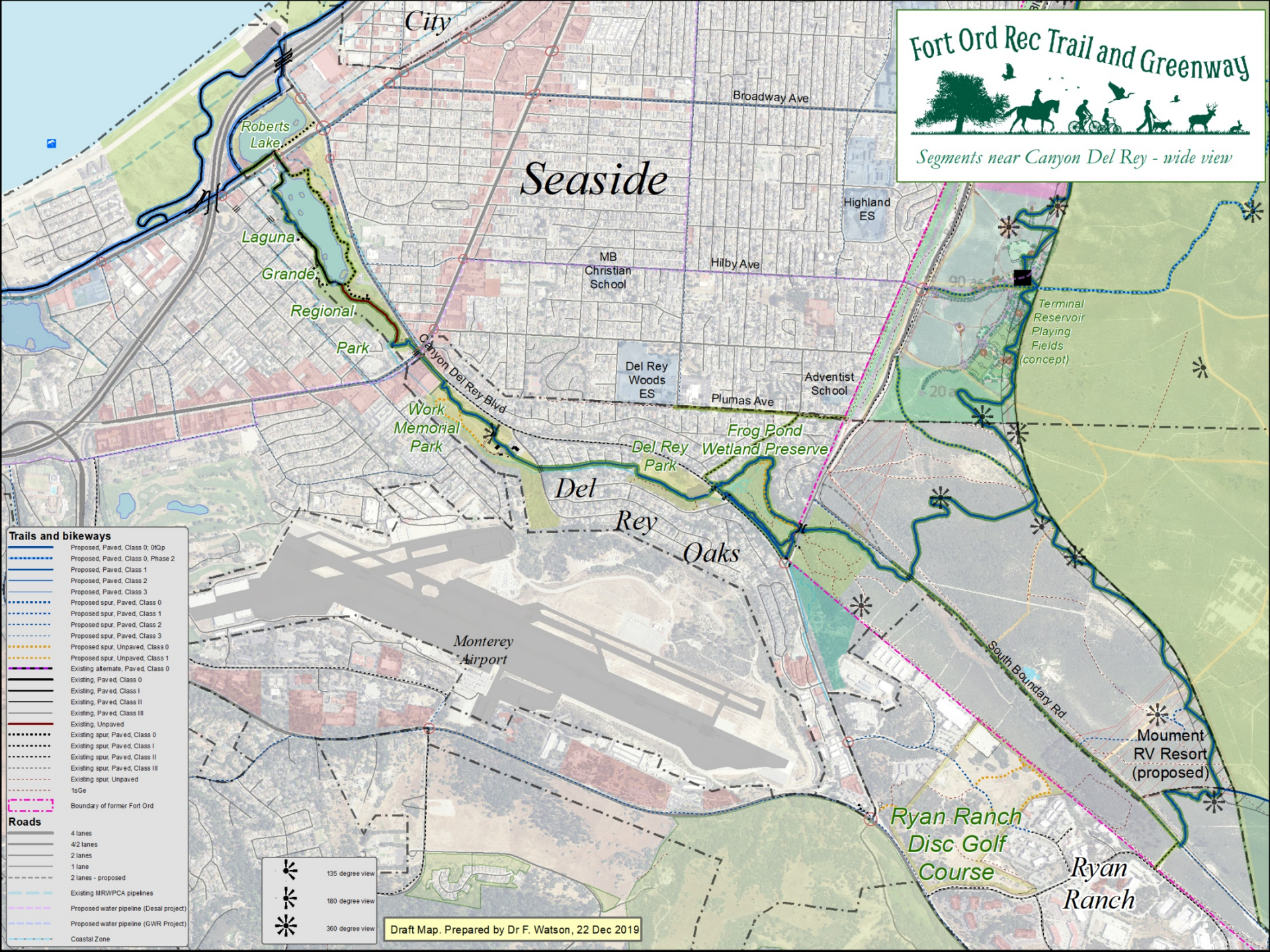
Draft map. Prepared by Dr F.Watson, 4 Dec 2019



Fort Ord Rec Trail and Greenway



Segments near Canyon Del Rey - wide view

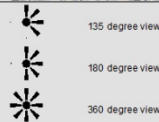


Trails and bikeways

- Proposed, Paved, Class 0, Old
- Proposed, Paved, Class 0, Phase 2
- Proposed, Paved, Class 1
- Proposed, Paved, Class 2
- Proposed, Paved, Class 3
- Proposed spur, Paved, Class 0
- Proposed spur, Paved, Class 1
- Proposed spur, Paved, Class 2
- Proposed spur, Paved, Class 3
- Proposed spur, Unpaved, Class 0
- Proposed spur, Unpaved, Class 1
- Existing alternate, Paved, Class 0
- Existing, Paved, Class 0
- Existing, Paved, Class I
- Existing, Paved, Class II
- Existing, Paved, Class III
- Existing, Unpaved
- Existing spur, Paved, Class 0
- Existing spur, Paved, Class I
- Existing spur, Paved, Class II
- Existing spur, Paved, Class III
- Existing spur, Unpaved
- 15Ge
- Boundary of former Fort Ord

Roads

- 4 lanes
- 4/2 lanes
- 2 lanes
- 1 lane
- 2 lanes - proposed
- Existing MRWPCA pipelines
- Proposed water pipeline (Desal project)
- Proposed water pipeline (GWR Project)
- Coastal Zone



135 degree view

180 degree view

360 degree view

Draft Map. Prepared by Dr F. Watson, 22 Dec 2019



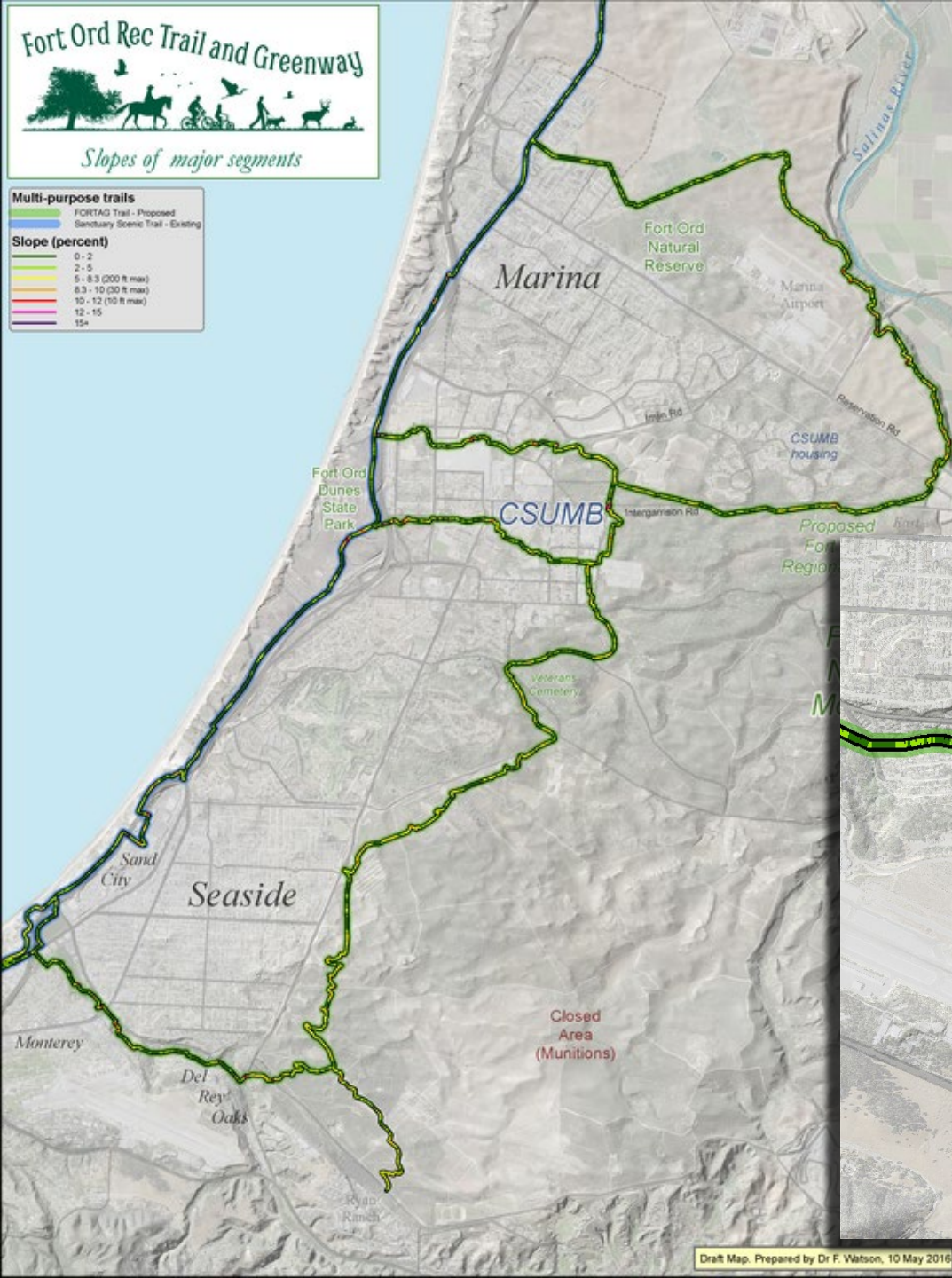




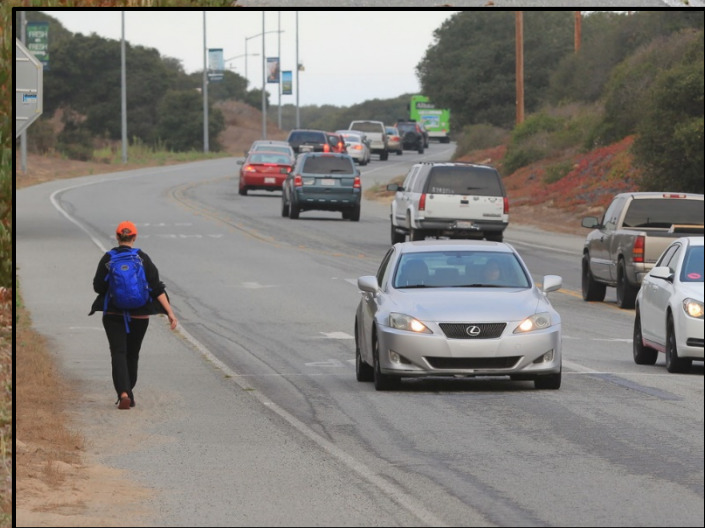








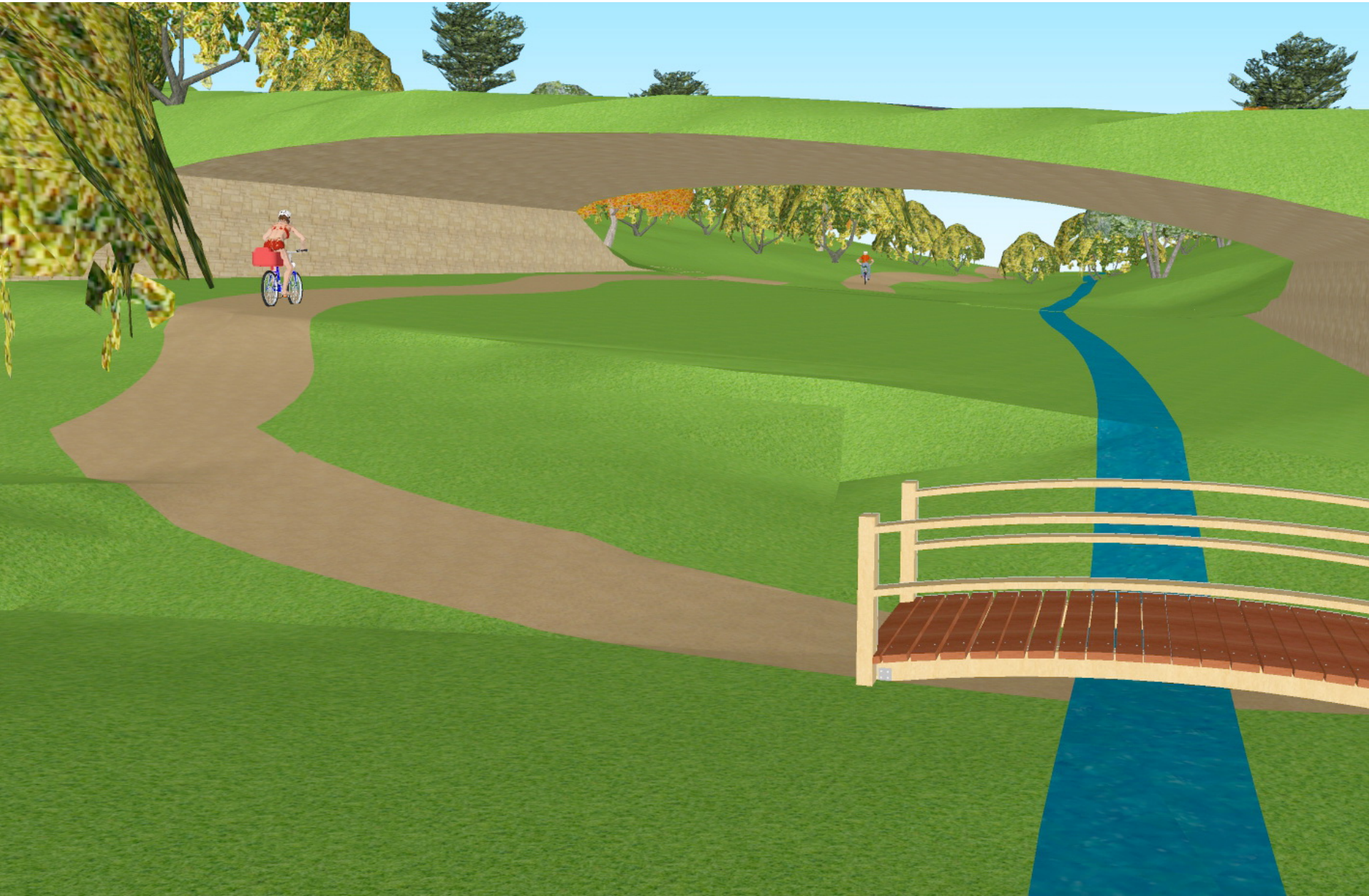
Existing conditions for cyclists and hikers in area of the proposed FORTAG segments





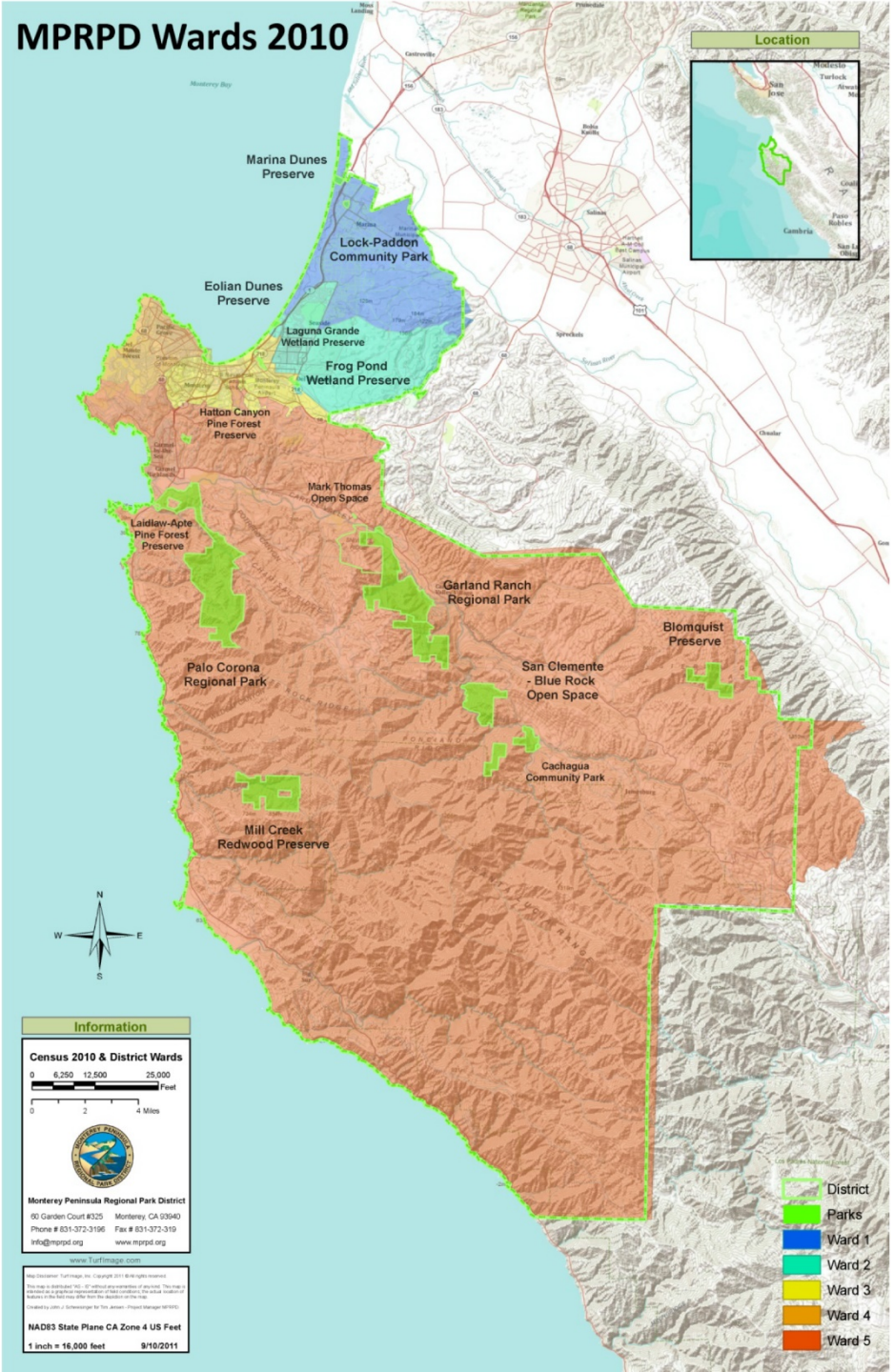


Wildlife-friendly undercrossing at Gen. Jim Moore Blvd Connects Frog Pond to Fort Ord National Monument



Monterey Peninsula Regional Park District (MPRPD)

MPRPD Wards 2010

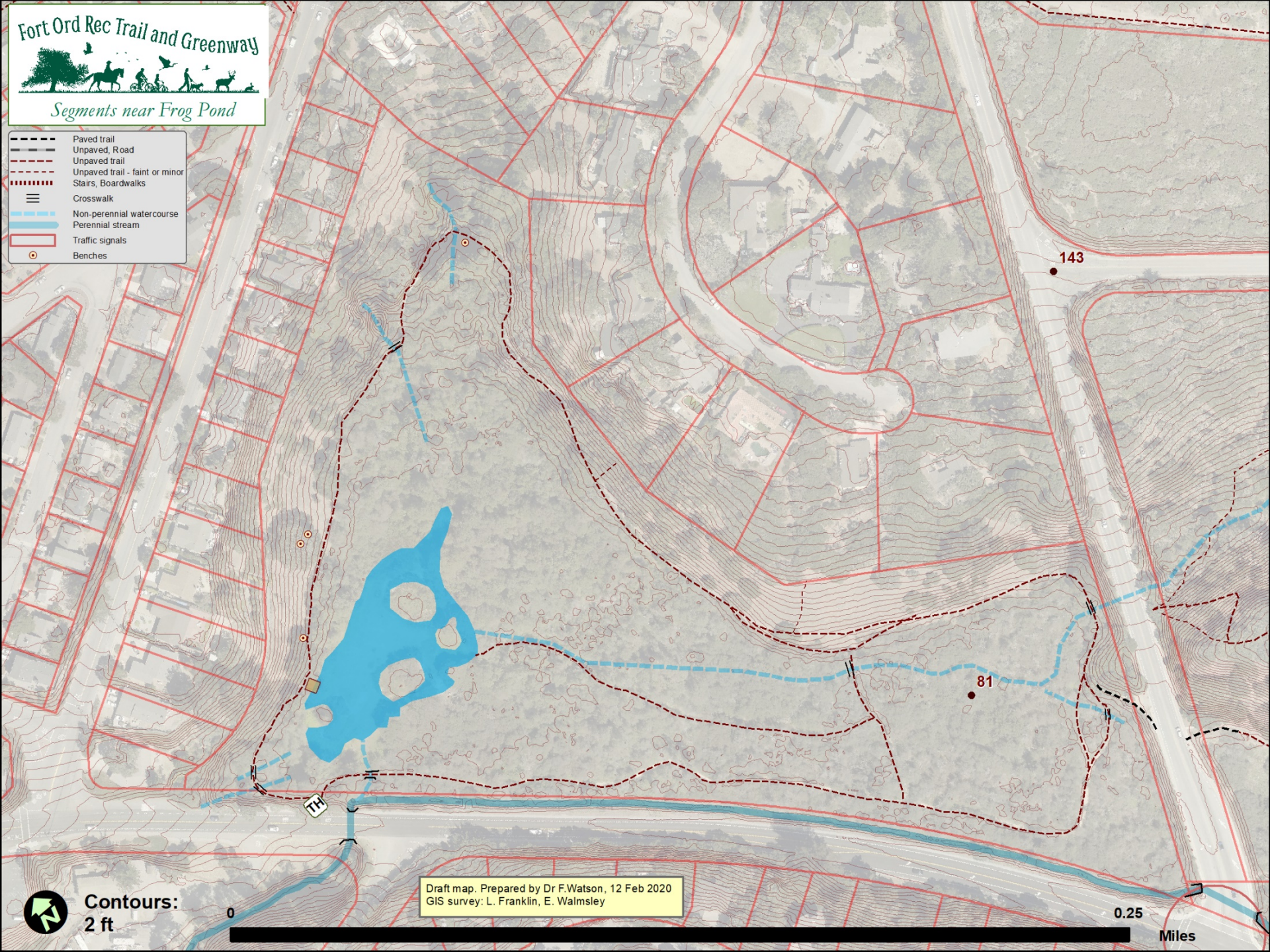


What is Frog Pond Wetland Preserve?

Fort Ord Rec Trail and Greenway

Segments near Frog Pond

- Paved trail, Road
- Unpaved trail
- Unpaved trail - faint or minor
- Stairs, Boardwalks
- Crosswalk
- Non-perennial watercourse
- Perennial stream
- Traffic signals
- Benches



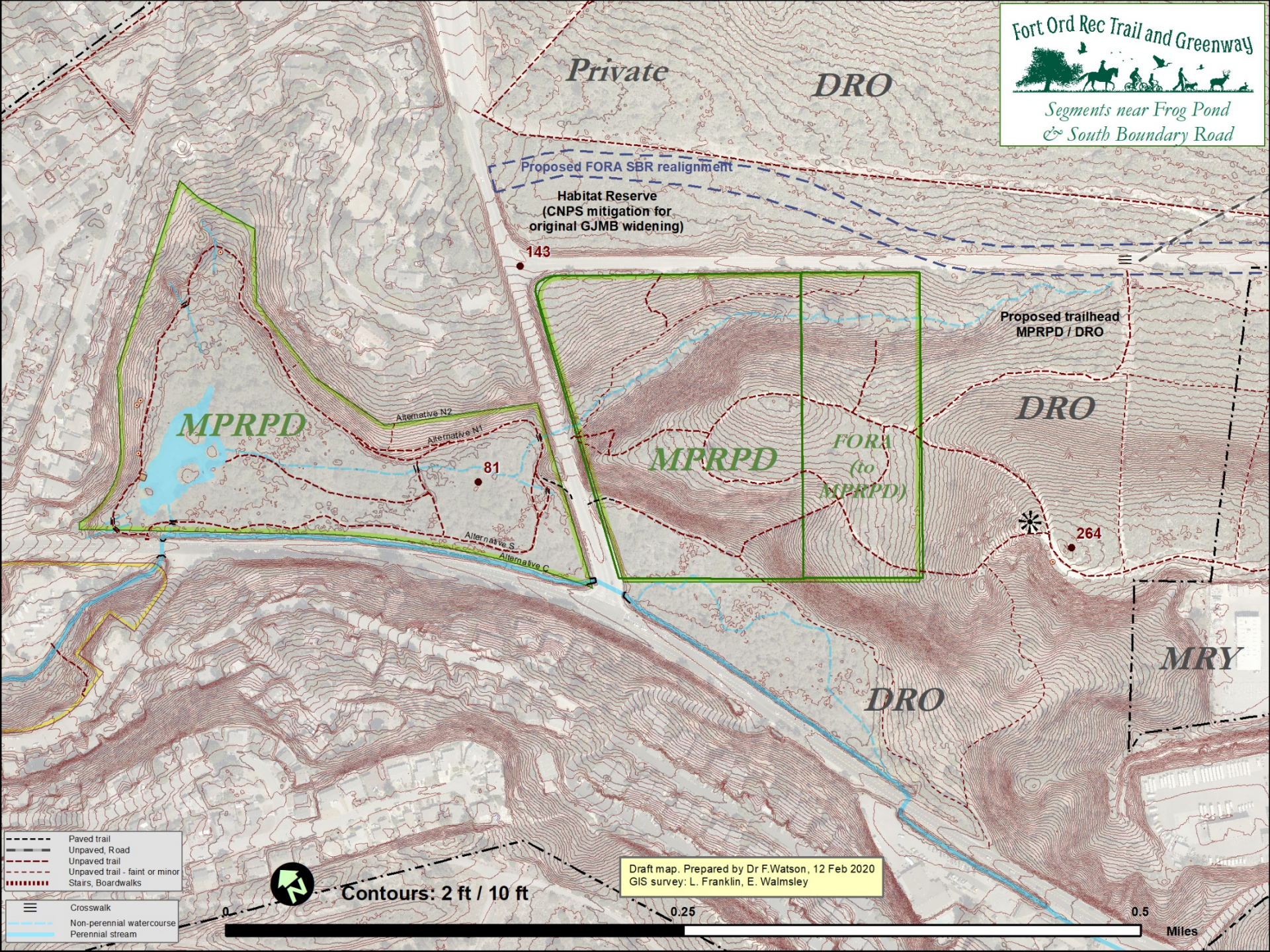
Draft map. Prepared by Dr F.Watson, 12 Feb 2020
GIS survey: L. Franklin, E. Walmsley



Contours:
2 ft

0.25

Miles



- Paved trail
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Draft map. Prepared by Dr F.Watson, 12 Feb 2020
GIS survey: L. Franklin, E. Walmsley

Contours: 2 ft / 10 ft

0.25

0.5

Miles

History of Frog Pond

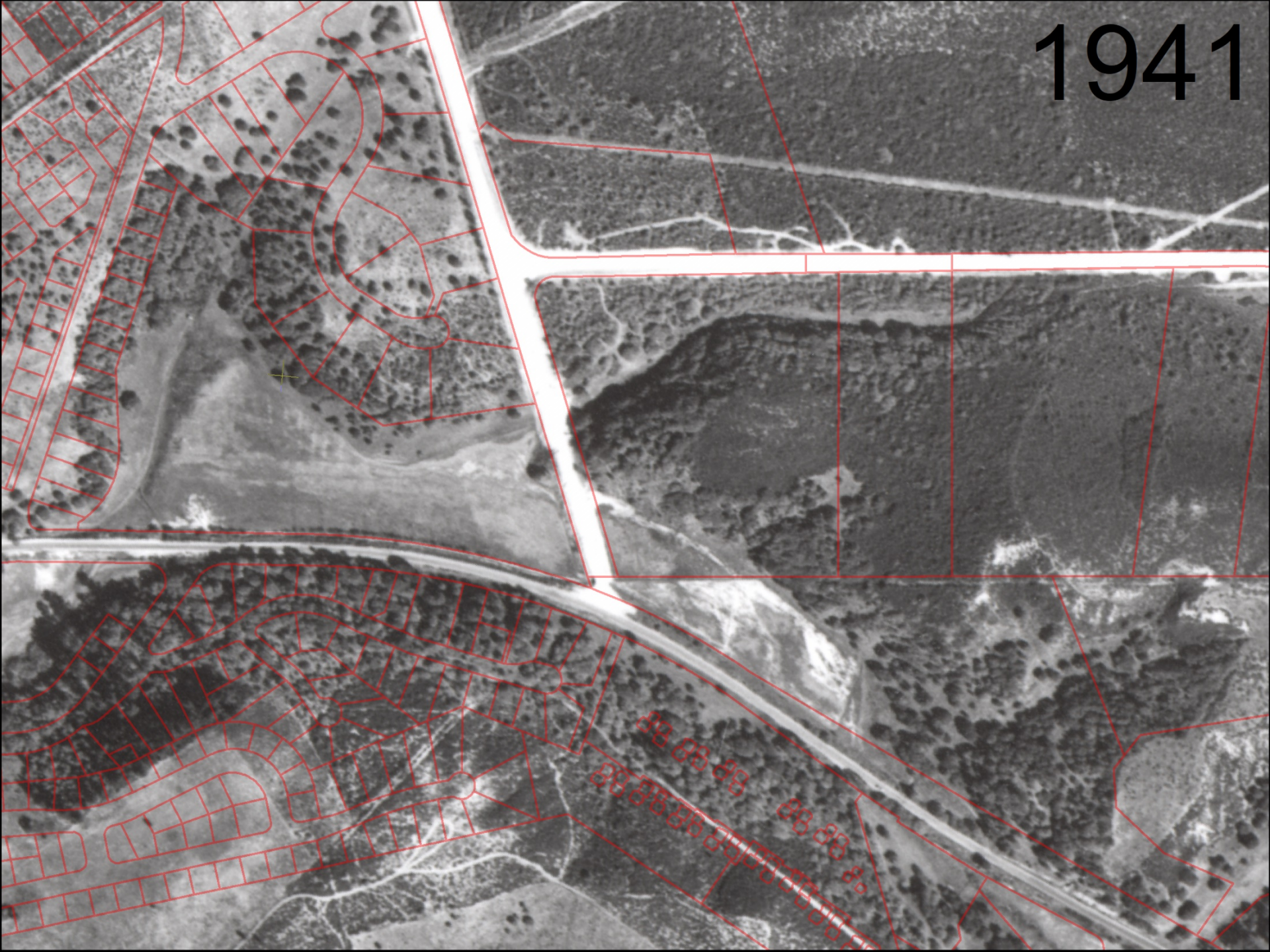
A topographic map of the Gigling Reservation in 1924. The map features brown contour lines indicating elevation. A prominent red line runs horizontally across the upper portion of the map. A green line outlines a specific area in the center-left. A purple arrow points from a text box at the bottom left towards a gap in the terrain within the green-outlined area.

“Gigling Reservation”
1924

Open canyon.
No earthen fill.
No road.

Road crossed the canyon by 1933.

1941

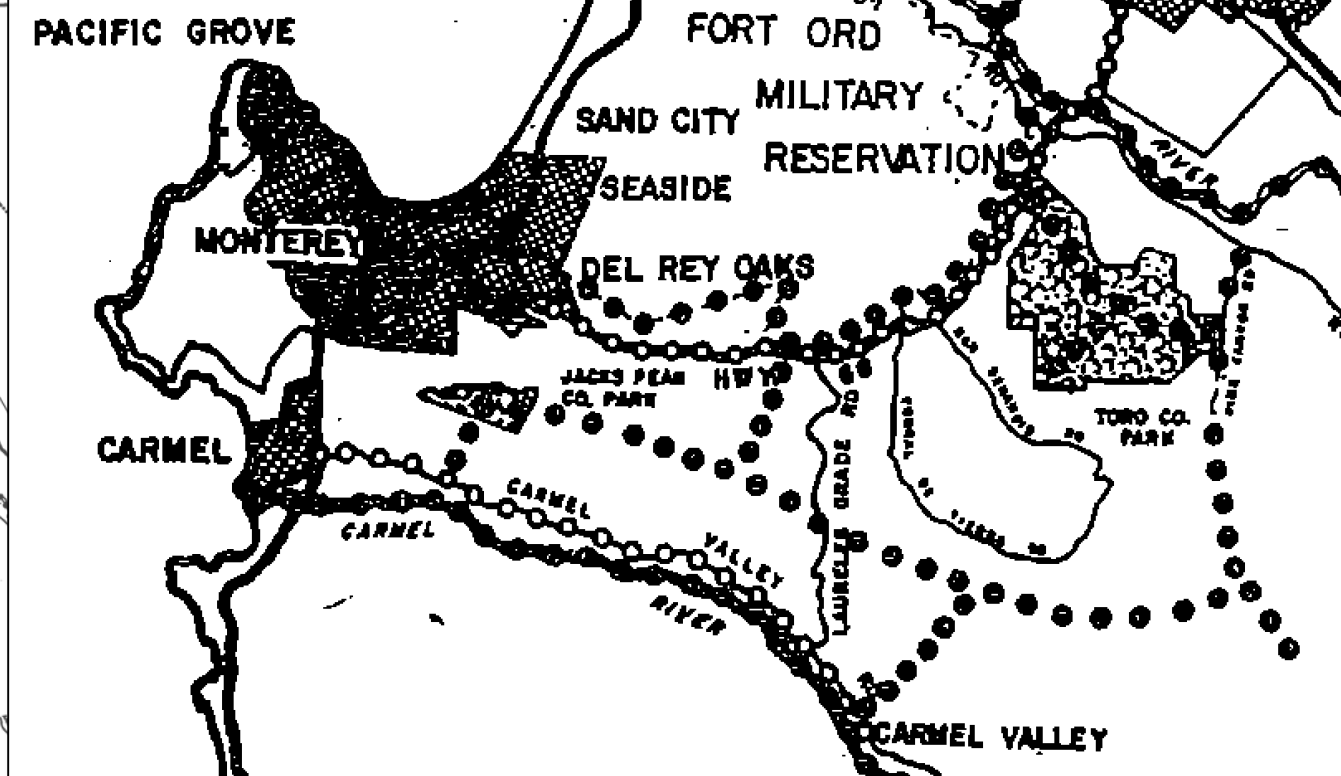
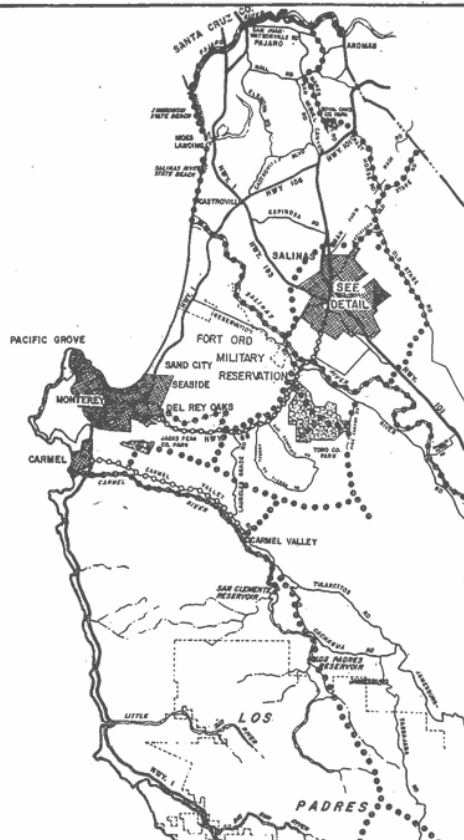


1961



A black and white photograph of a dry, grassy field. A path of bare earth leads from the bottom left towards the center of the frame. The field is dotted with clumps of grass and small shrubs. In the background, a line of trees separates the field from a building that appears to be a long, low structure, possibly a school or institutional building. The sky is bright and featureless.

Frog Pond
1969



1971

PROPOSED FOR PLANNING ONLY, THIS DOES NOT CONFER
THE RIGHT TO TRESPASS ON PRIVATE PROPERTY.

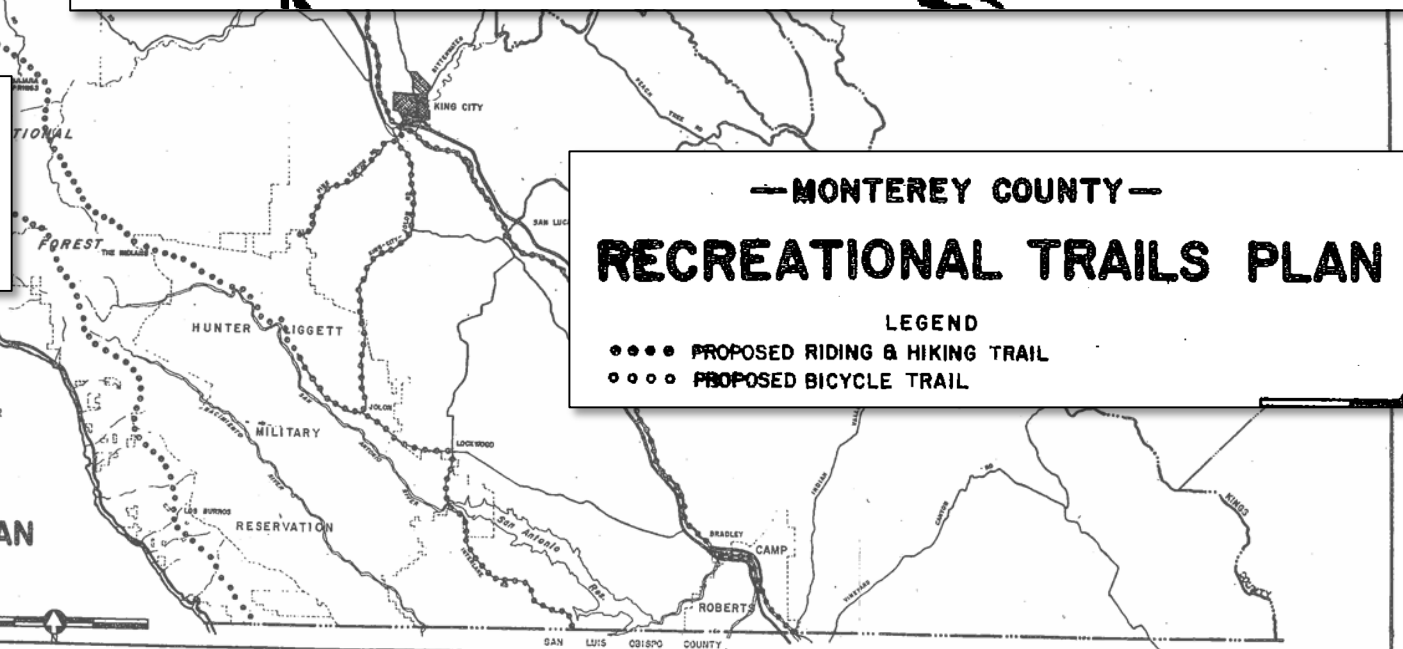
—MONTEREY COUNTY—
RECREATIONAL TRAILS PLAN

LEGEND
●●●● PROPOSED RIDING & HIKING TRAIL
○○○○ PROPOSED BICYCLE TRAIL



—MONTEREY COUNTY—
RECREATIONAL TRAILS PLAN

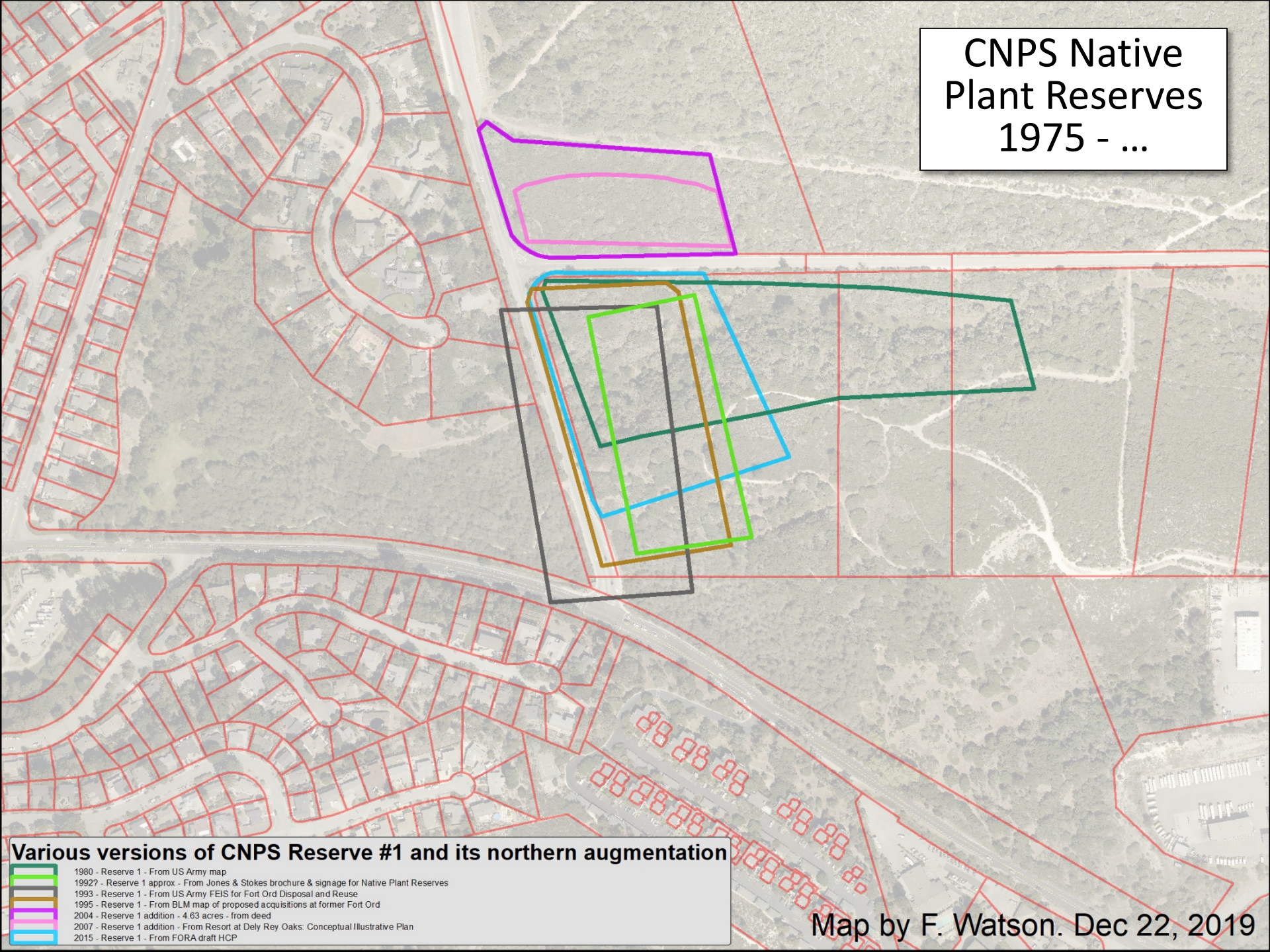
LEGEND
●●●● PROPOSED RIDING & HIKING TRAIL
○○○○ PROPOSED BICYCLE TRAIL



MPRPD actions in the 1970s

- 1972: MPRPD formed
- 1974: Failed bond measure to purchase western parcel
- 1977: MPRPD purchased western parcel as
“Frog Pond Natural Area”
- 1979: Stairway constructed

CNPS Native Plant Reserves 1975 - ...



Various versions of CNPS Reserve #1 and its northern augmentation

- 1980 - Reserve 1 - From US Army map
- 19927 - Reserve 1 approx - From Jones & Stokes brochure & signage for Native Plant Reserves
- 1993 - Reserve 1 - From US Army FEIS for Fort Ord Disposal and Reuse
- 1995 - Reserve 1 - From BLM map of proposed acquisitions at former Fort Ord
- 2004 - Reserve 1 addition - 4.63 acres - from deed
- 2007 - Reserve 1 addition - From Resort at Dely Rey Oaks: Conceptual Illustrative Plan
- 2015 - Reserve 1 - From FORA draft HCP

Map by F. Watson. Dec 22, 2019

1982 & 1984



GREATER MONTEREY PENINSULA PLANNING AREA

PLANNING AREA BOUNDARY COASTAL ZONE BOUNDARY

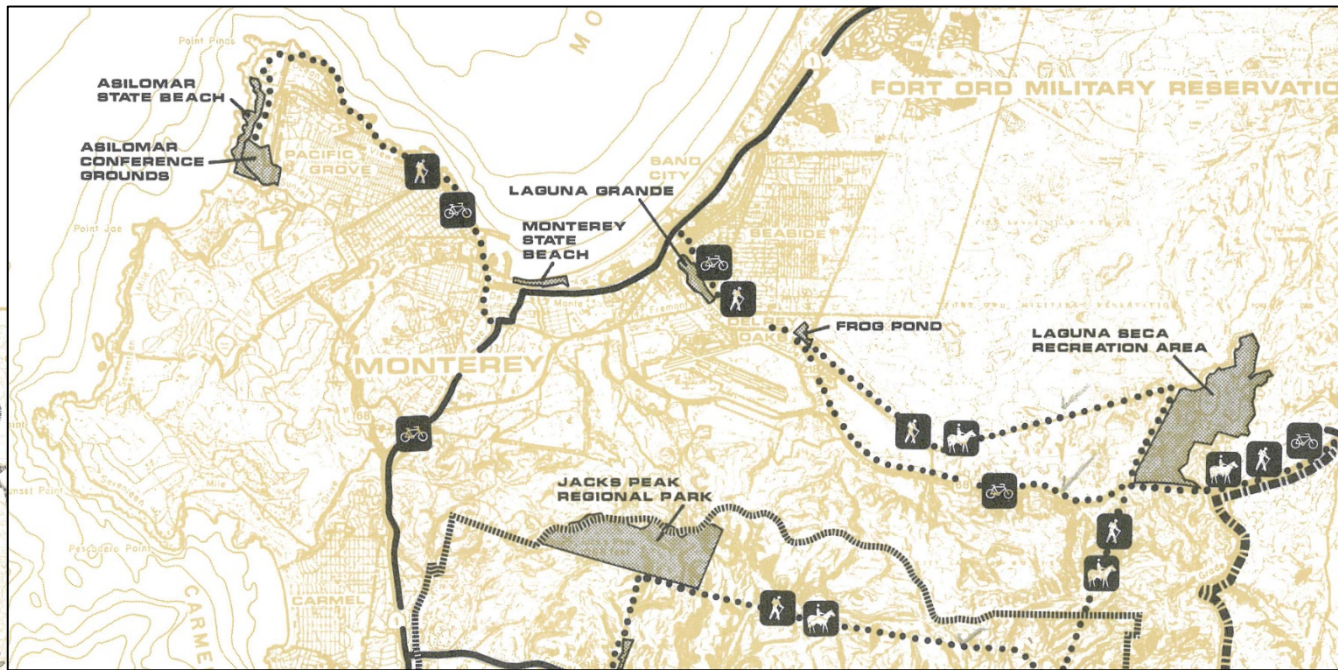
FIGURE 12

RECREATIONAL TRAILS PLAN

- EXISTING TRAILS
- PROPOSED TRAILS
- CARMEL VALLEY MASTER PLAN BOUNDARY
- 🚲 BICYCLE TRAIL
- 🚶 HIKING TRAIL
- 🐎 EQUESTRIAN TRAIL
- RECREATIONAL AREAS



SOURCE: MONTEREY COUNTY PLANNING DEPT., 1984.



GREATER MONTEREY PENINSULA PLANNING AREA

PLANNING AREA BOUNDARY COASTAL ZONE BOUNDARY

FIGURE 12

RECREATIONAL TRAILS PLAN

- EXISTING TRAILS
- PROPOSED TRAILS
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SOURCE: MONTEREY COUNTY PLANNING DEPT., 1984.

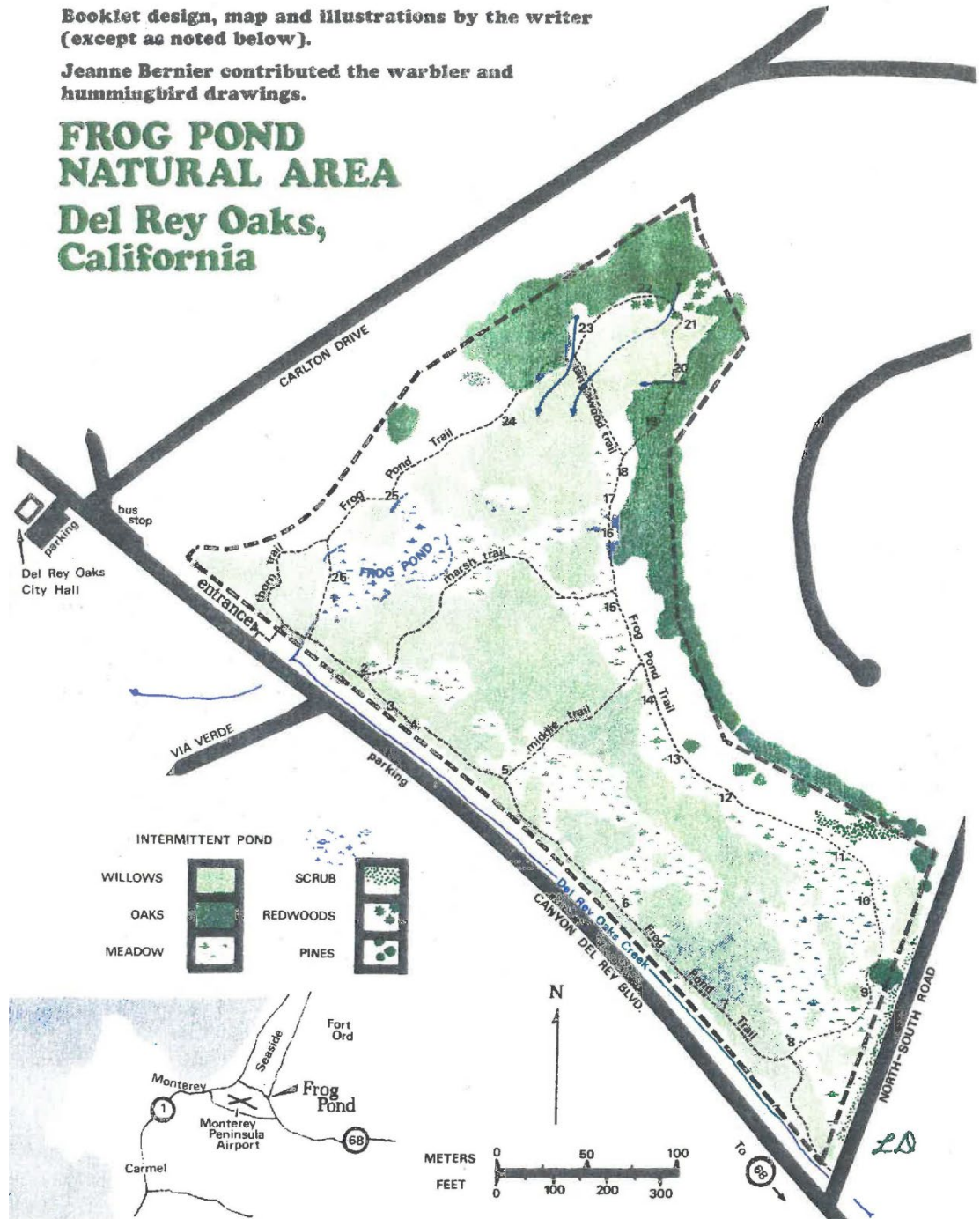
Trail Map 1982

Written by Lee Dittman

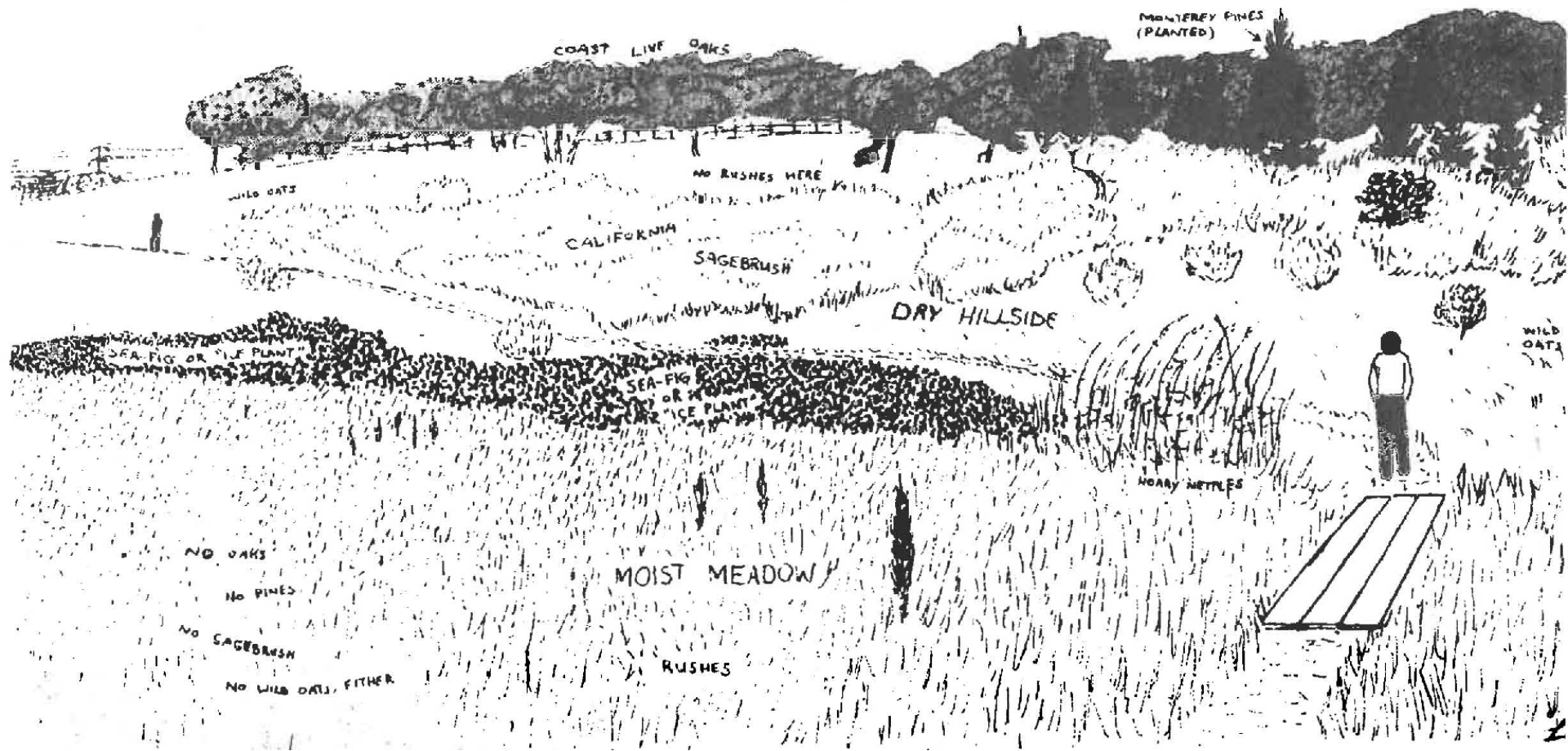
Booklet design, map and illustrations by the writer
(except as noted below).

Jeanne Bernier contributed the warbler and
hummingbird drawings.

FROG POND NATURAL AREA Del Rey Oaks, California



Frog Pond Interpretive Trail Guide 1982



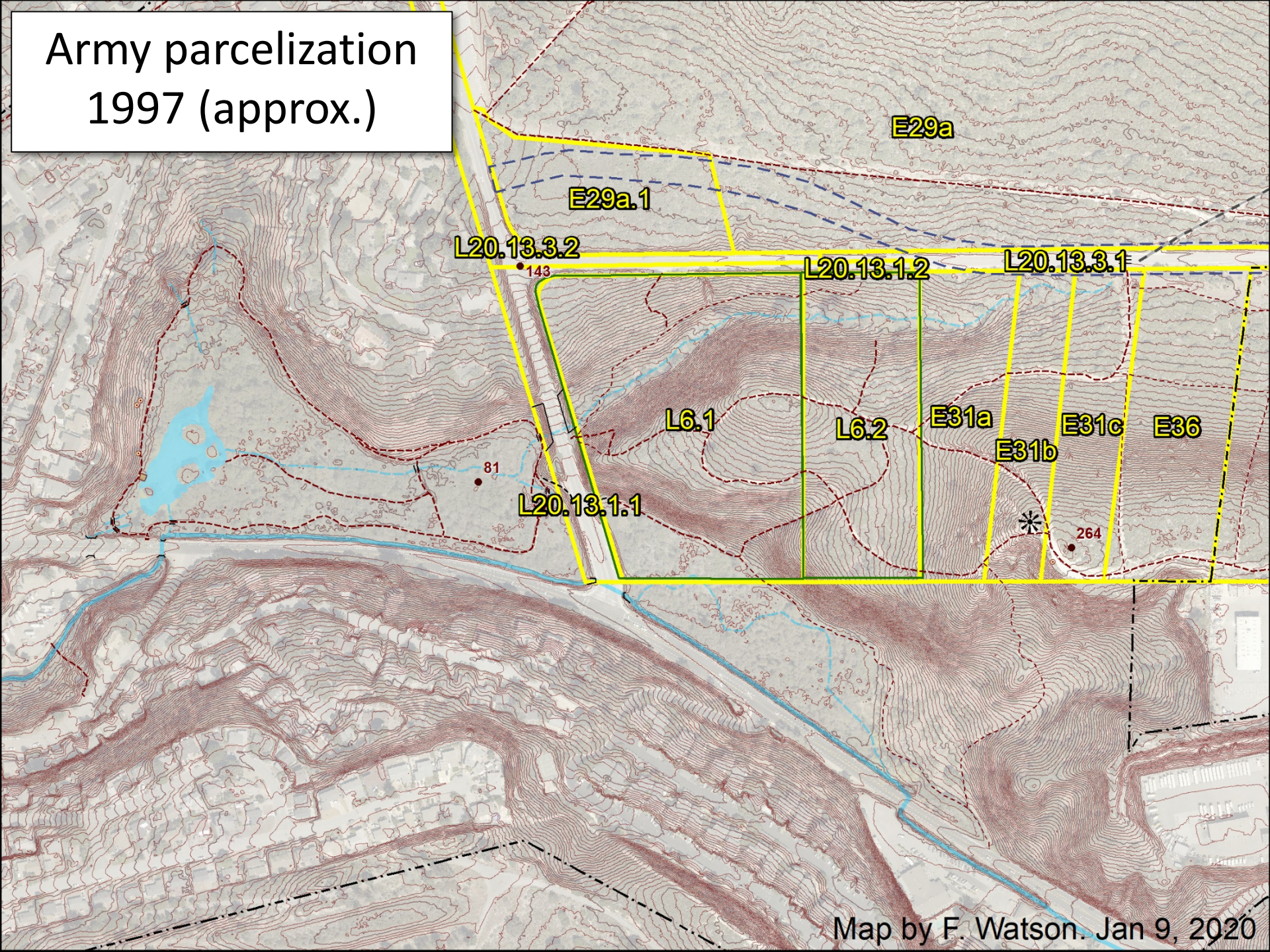
Actions in the 1990s

- 1991: MPRPD applied to federal government to receive eastern parcels in after closure of Fort Ord, as
“Natural Area Expansion”
- 1992: “Parklands Group” of non-profits published
“Fort Ord Parklands – A Vision Statement” including:
 - Expansion of Frog Pond Natural Area
 - Network of trails
 - Parking at Canyon Del Rey entrance to North South Road
- 1994 draft “Frog Pond Wetland Preserve Management Plan”
(perhaps never approved) (see next slide)
- 1998 MPRPD Master Plan
 - Notes the intent to pursue **accessibility improvements** specifically at Frog Pond and in preserves in general

1994 draft “Frog Pond Wetland Preserve Management Plan” (perhaps never approved)

- Parking is limited
- Access is limited to fully mobile visitors only
- No dogs, bicycles, horses
- Willows “densely overgrown”
- Berm the pond edges
- Remove some willows
- Introduce California tiger salamanders
- Expand the area by adding Fort Ord parcels

Army parcelization 1997 (approx.)



1998

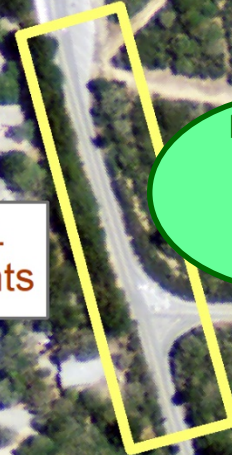


2012

Moved and
widened
2010



Not widened.
Protected plants

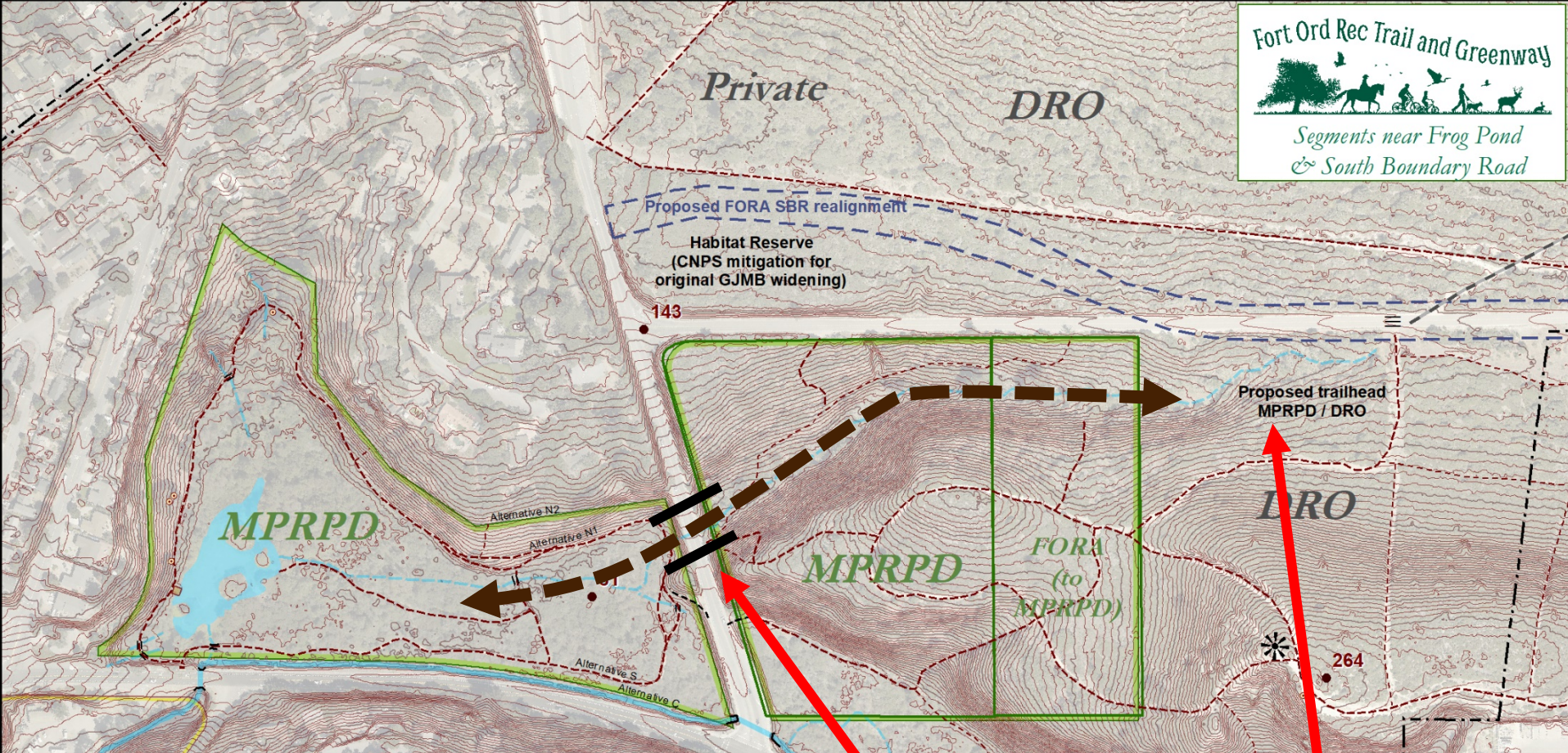


Mitigation
for early
2000s
widening



Widened
Early 2000s



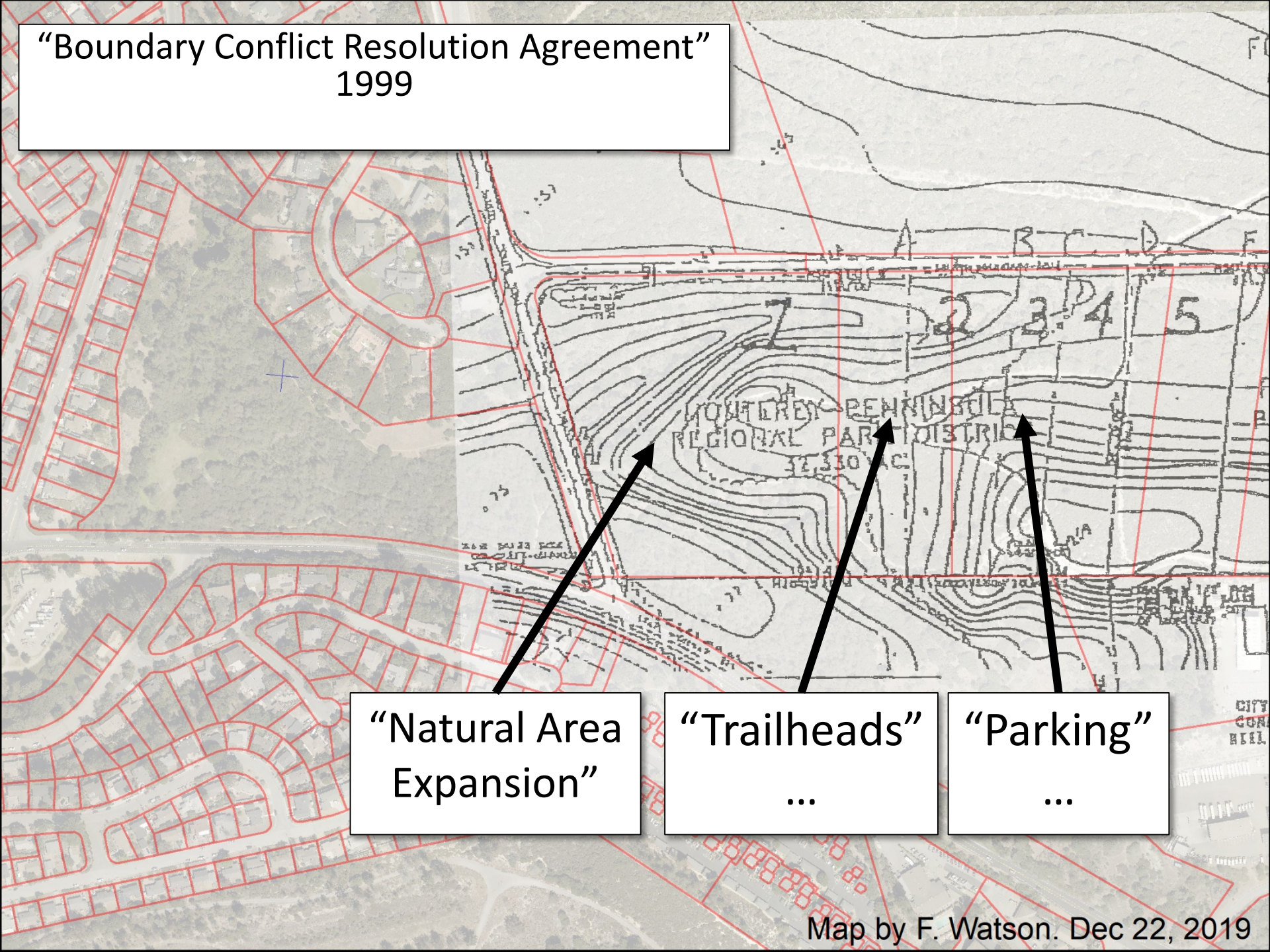


1998 Letter from MPRPD Attorney to Army/FORA:

“parking lot to the east of the District Frog Pond property as a **trailhead parking lot** for persons who wish to go from east to west on the District property”

"The District requests a redesign of the plan to provide for improvements which would provide access at the trail crossing, preferably by means of a **below-grade level tunnel**. An above the road walkway would not allow for use of the **crossing by the disabled**."

"Boundary Conflict Resolution Agreement" 1999



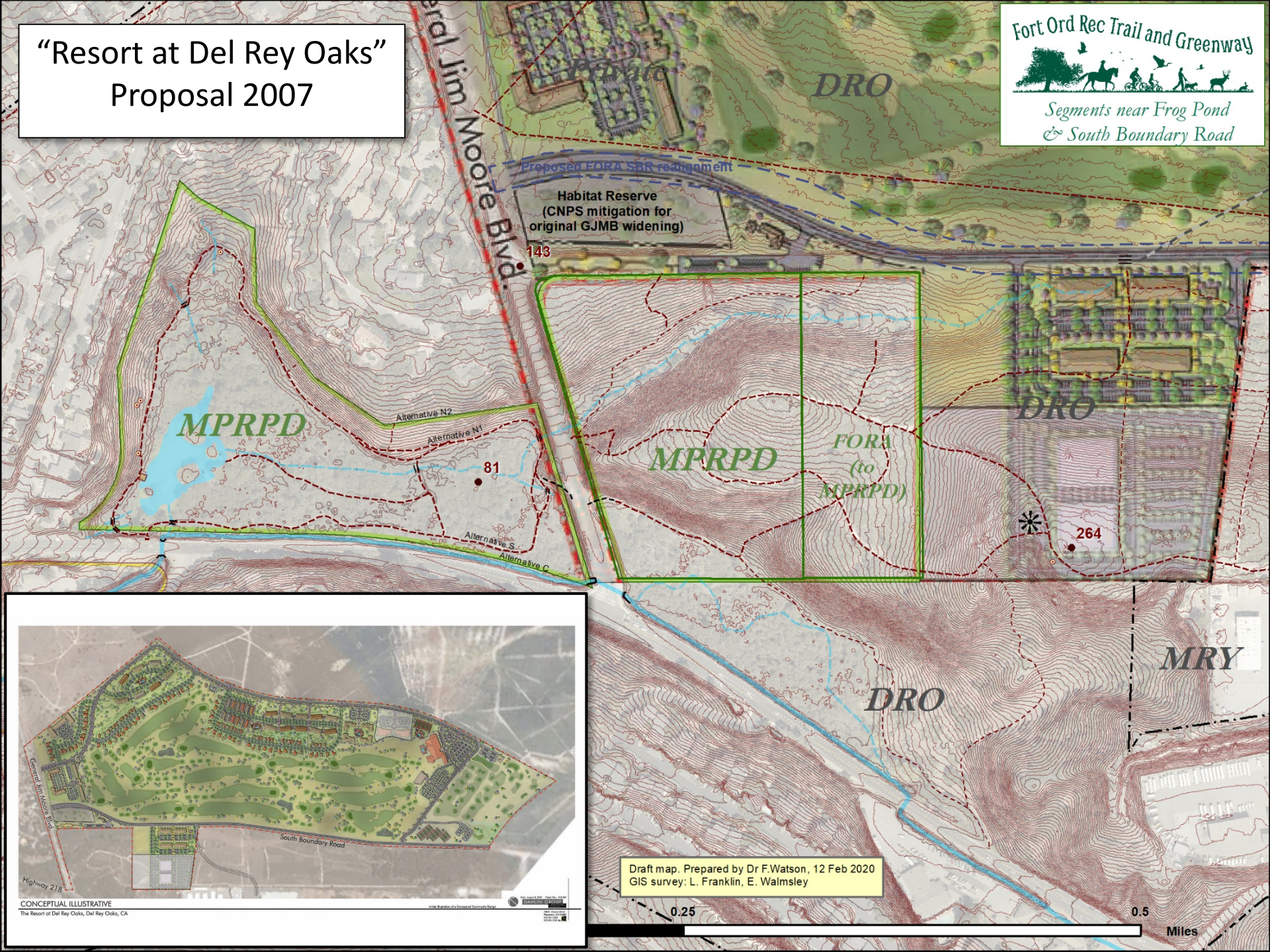
"Natural Area
Expansion"

"Trailheads"
...

"Parking"
...

“Resort at Del Rey Oaks” Proposal 2007

Fort Ord Rec Trail and Greenway
Segments near Frog Pond
& South Boundary Road






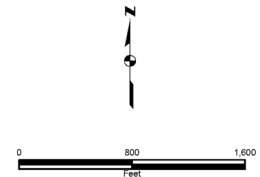
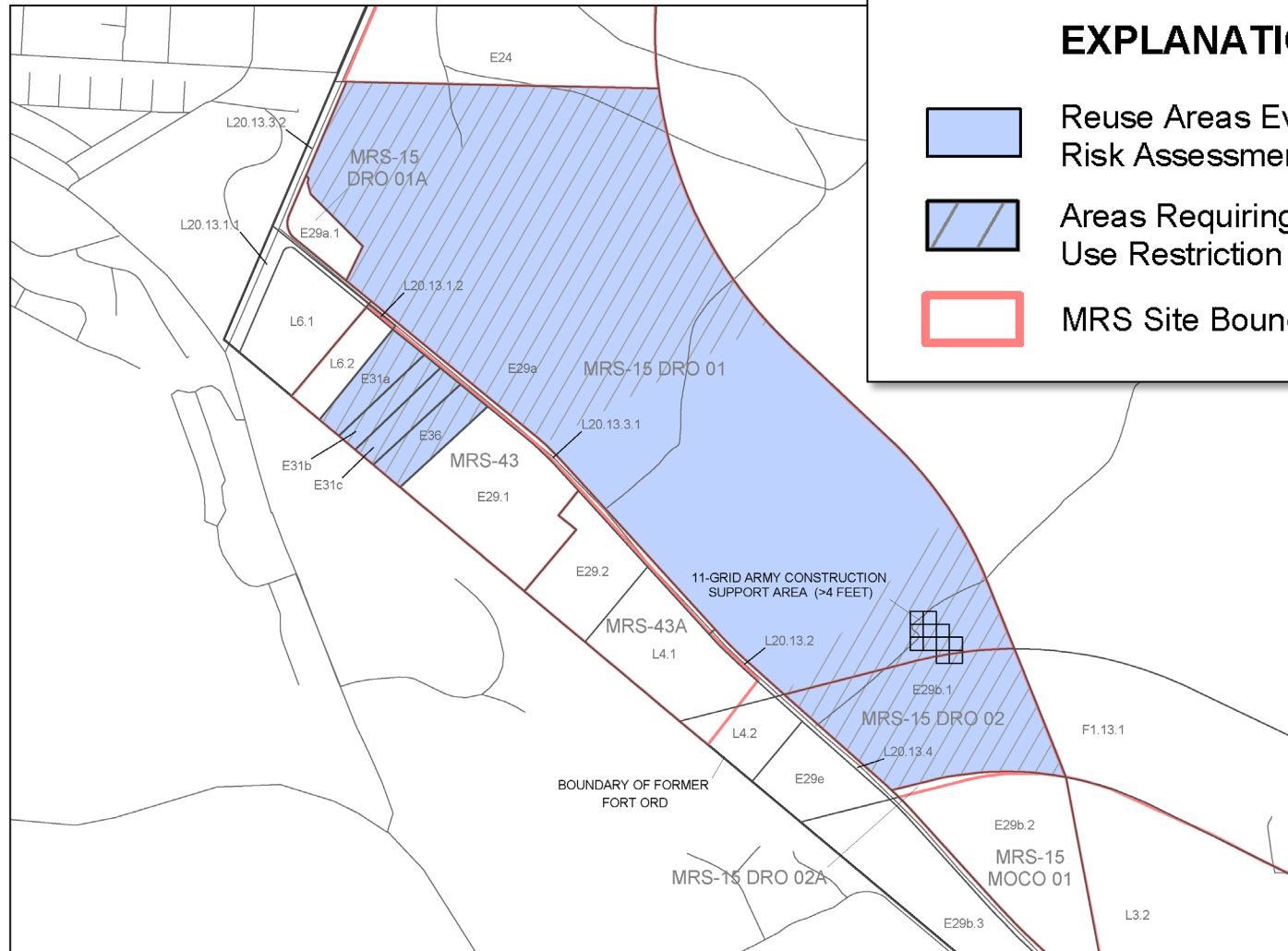
Draft map. Prepared by Dr F.Watson, 12 Feb 2020
GIS survey: L. Franklin, E. Walmsley

0.25 0.5 Miles

Munitions Response Area - US Army Record of Decision 2008

EXPLANATION

-  Reuse Areas Evaluated in the Risk Assessment and Feasibility Study
-  Areas Requiring Residential Use Restriction
-  MRS Site Boundary



DRAWN: TJH	PROJECT NO: 4088074345 12
ENGINEER:	SCALE: AS SHOWN
CHECKED:	APPROVED:
DATE: 8/2007	DATE:

UNITED STATES
DEPARTMENT OF THE ARMY

Record of Decision
Del Rey Oaks Munitions Response Area
Track 2 Munitions Response Site
Former Fort Ord, California

Del Rey Oaks Munitions Response
Areas and Munitions Response Sites

PLATE
2

Actions in the 2000s

- 2009:
First eastern Frog Pond parcel deeded to MPRPD
- 2012:
Fort Ord National Monument created by President Obama
- 2016: CNPS Board passed following motion:

“Monterey Bay CNPS supports the general concept of a trail through Plant Preserve 1. The Chapter would need to prevent negative impacts on the maritime chaparral, the rare plants and the riparian corridor; by working closely on the choice of the route location, approving the trail design and maintenance practices, and creating a trail/habitat corridor to connect with the future BLM portion of the Fort Ord National Monument.”

Disclaimer:
Unofficial map.
Not part of the DEIR.

- Paved trail
- Unpaved, Road
- Unpaved trail
- Unpaved trail - faint or minor
- Unpaved trail, Proposed
- Stairs, Boardwalks
- Crosswalk
- Non-perennial watercourse
- Perennial stream
- Traffic signals
- Benches

- Weeds
- Bull thistle
 - Prickly pear
 - Cape ivy
 - Ice plant

Weeds not yet mapped: Acacia, Holly



Contours:
2 ft

Draft map. Prepared by Dr F.Watson, 12 Feb 2020
GIS survey: L. Franklin, E. Walmsley

0.25
Miles

FORTAG at Frog Pond

FORTAG / MPRPD presentations, meetings etc.

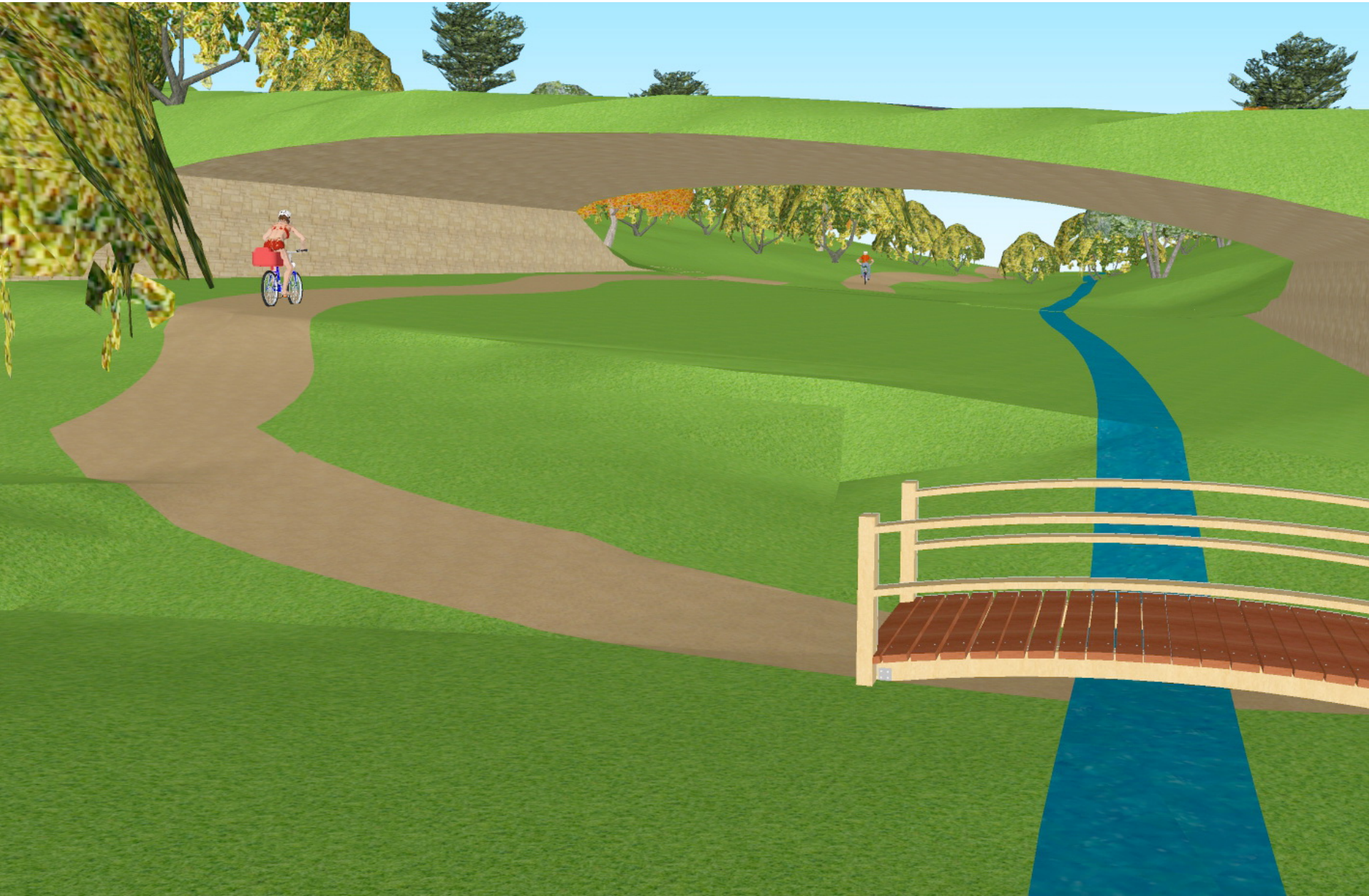
- FORTAG presentations to MPRPD Board
 - 2014, July 7
 - 2017 Oct 11 – Resolution passed supporting FORTAG through Frog Pond and under GJMB
 - 2020 Feb 12
- FORTAG tours with MPRPD directors
 - 2014 Sep 5, Sep 12, & Oct 3
 - 2015 April 16*
 - 2020 Sep 8*, Jan 20, Feb 4

* prior to becoming board member
- FORTAG supported by MPRPD in an official capacity
 - 2015 Aug 26: Letter and speaker at TAMC board meeting
 - 2016: Strategic plan
 - 2017 Oct 11: Resolution (see above)
- FORTAG meetings with MPRPD staff
 - 2014 – 2020: 10 meetings

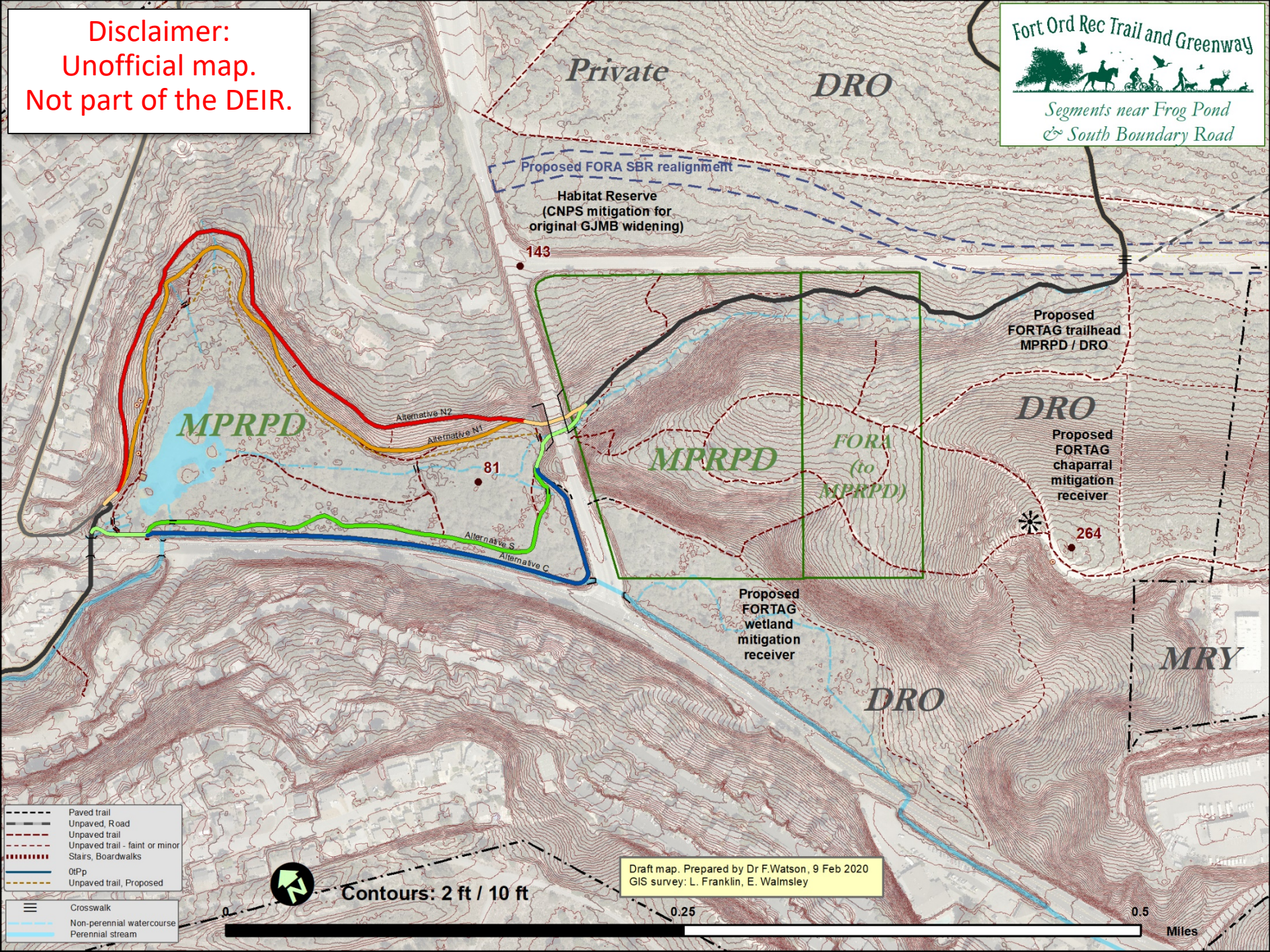




Wildlife-friendly undercrossing at Gen. Jim Moore Blvd Connects Frog Pond to Fort Ord National Monument



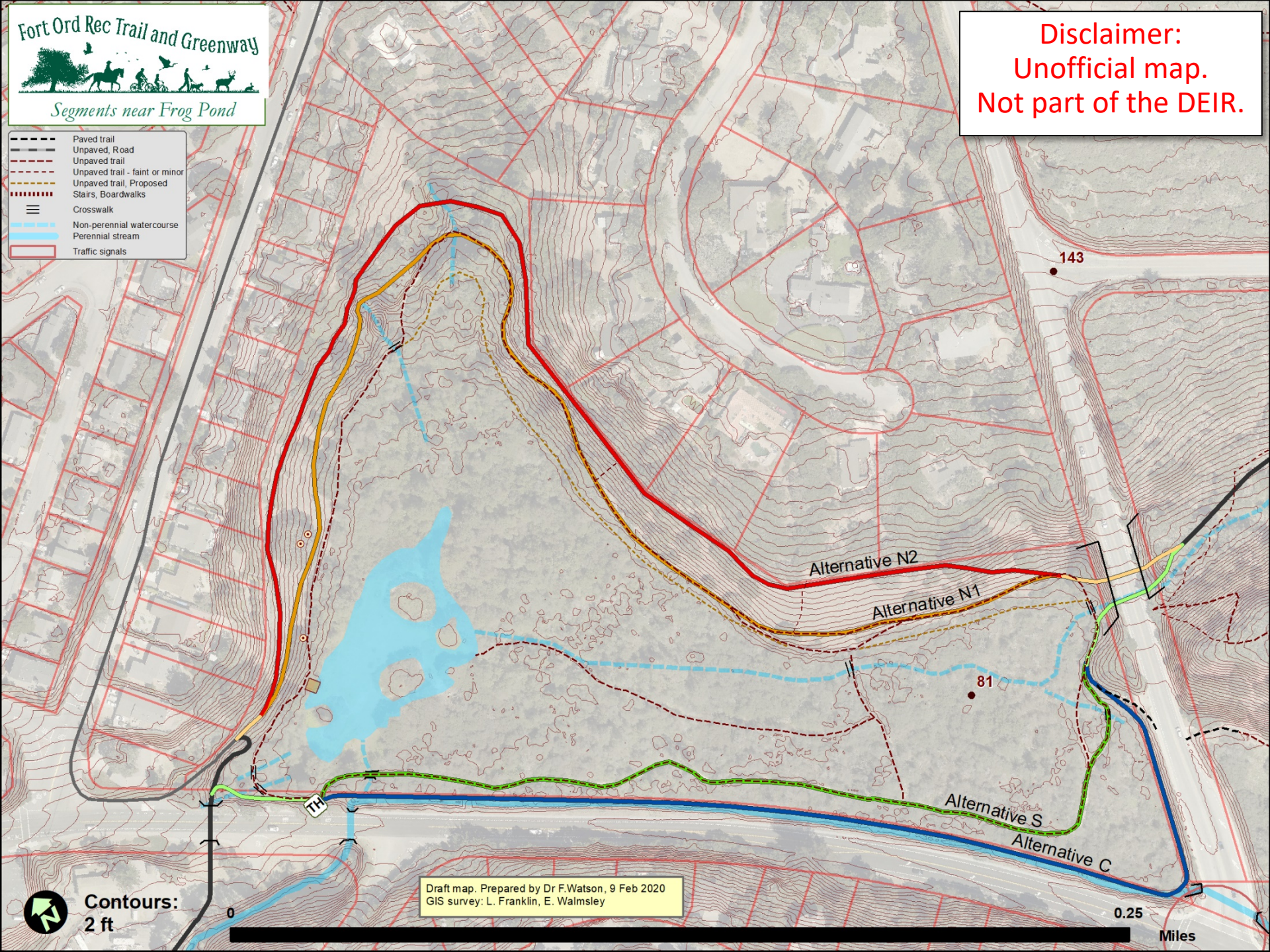
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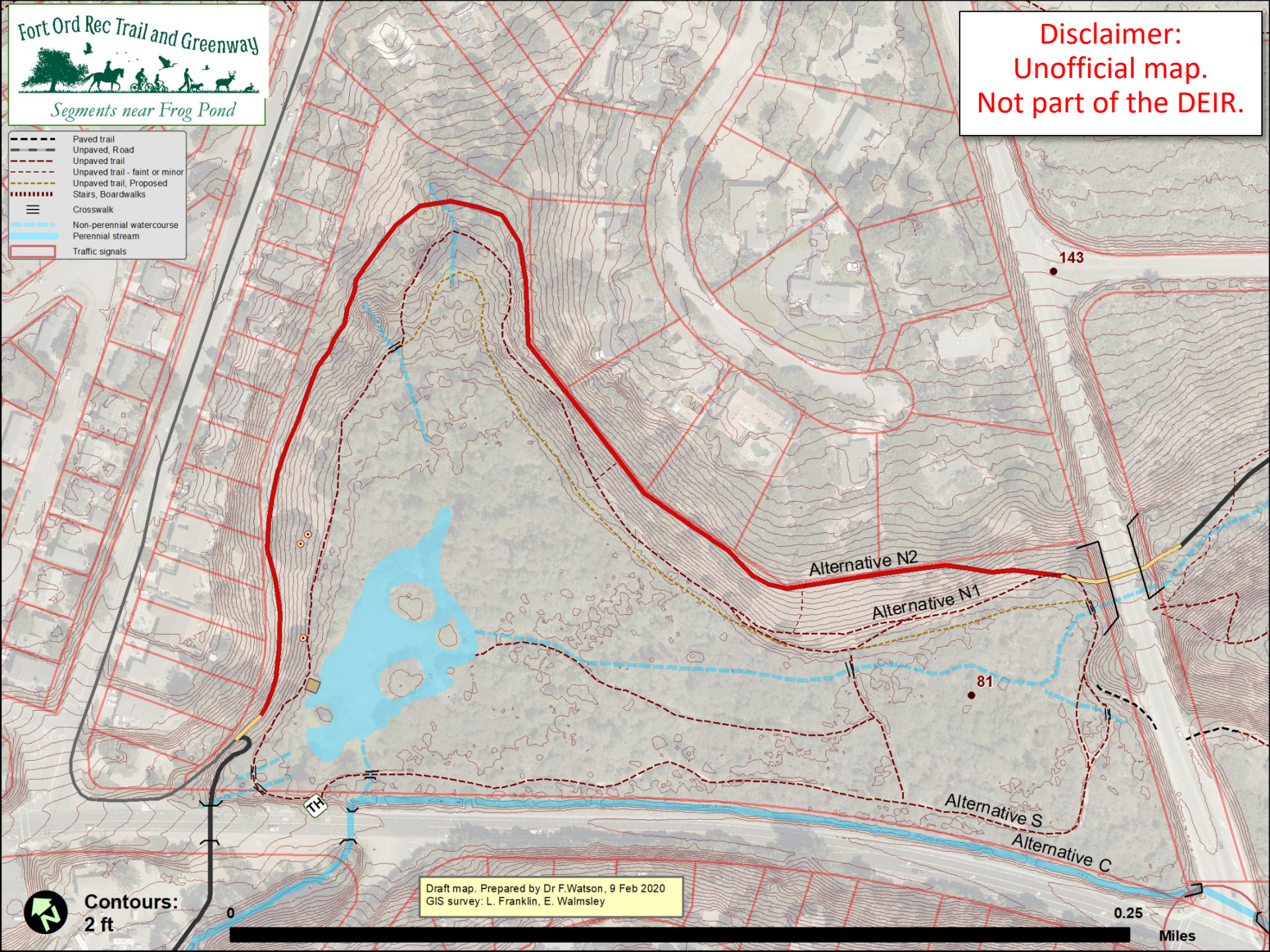
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Miles

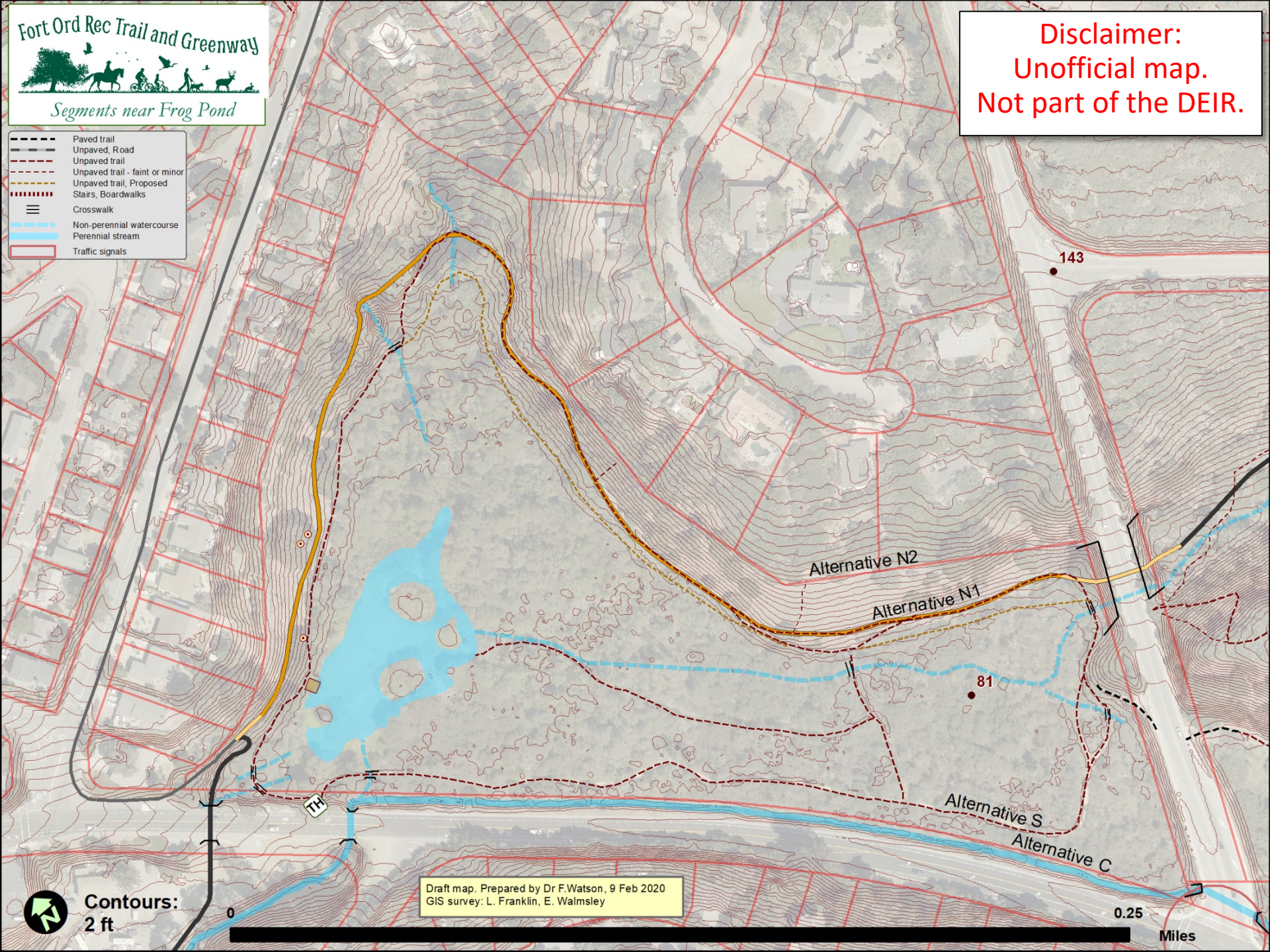
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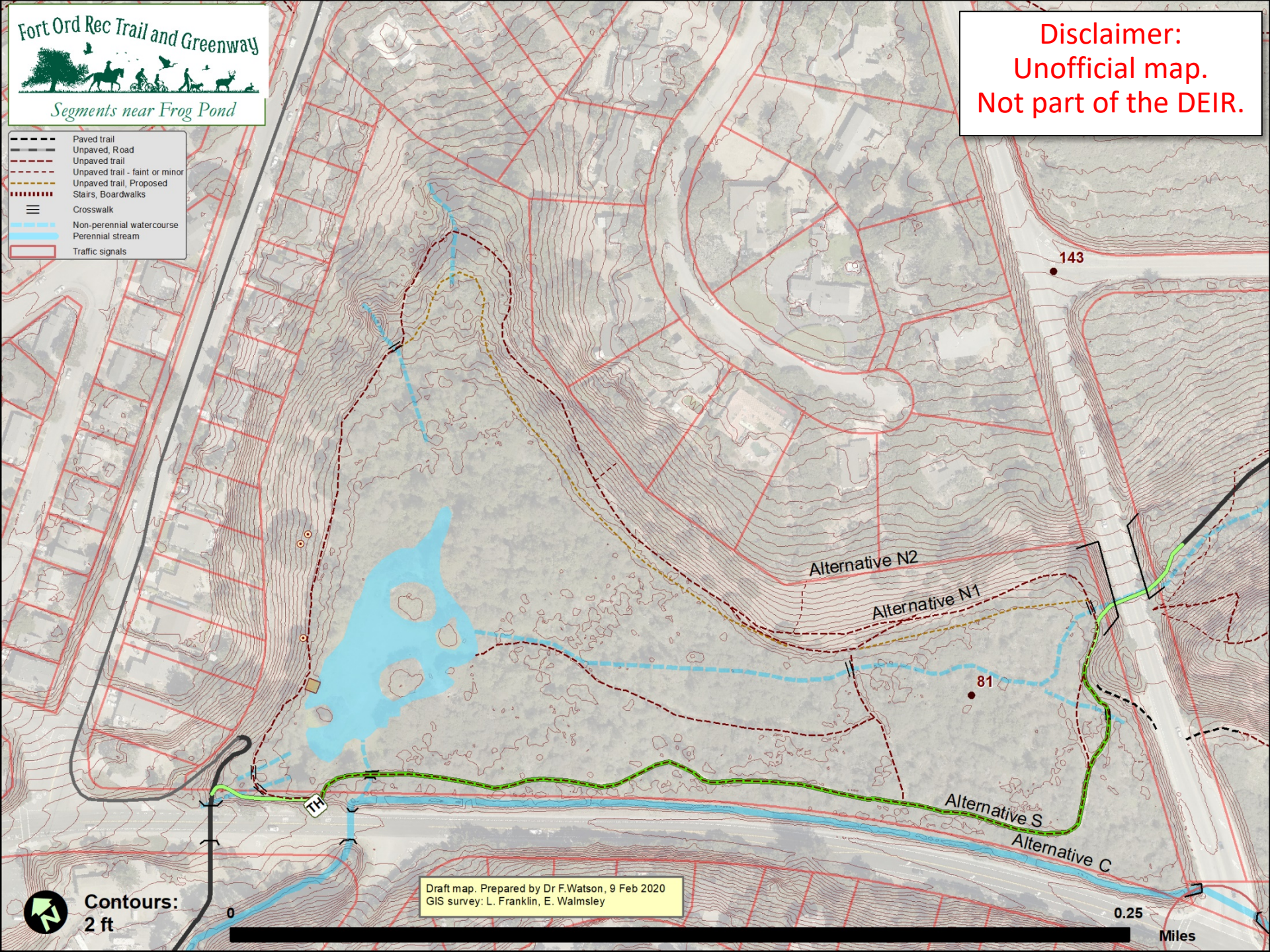
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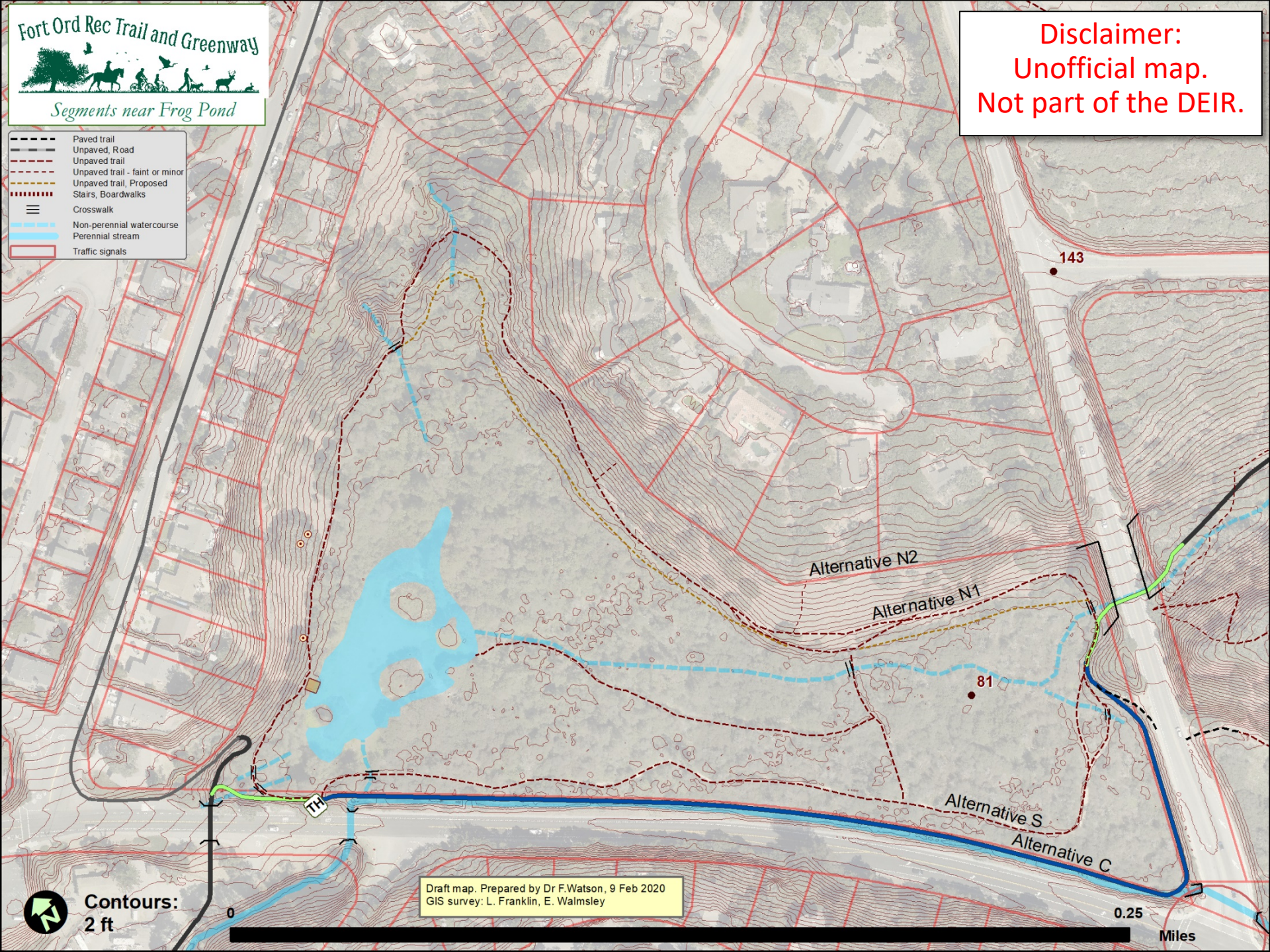
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Segments near Frog Pond

- | | |
|--|--------------------------------|
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| | Traffic signals |

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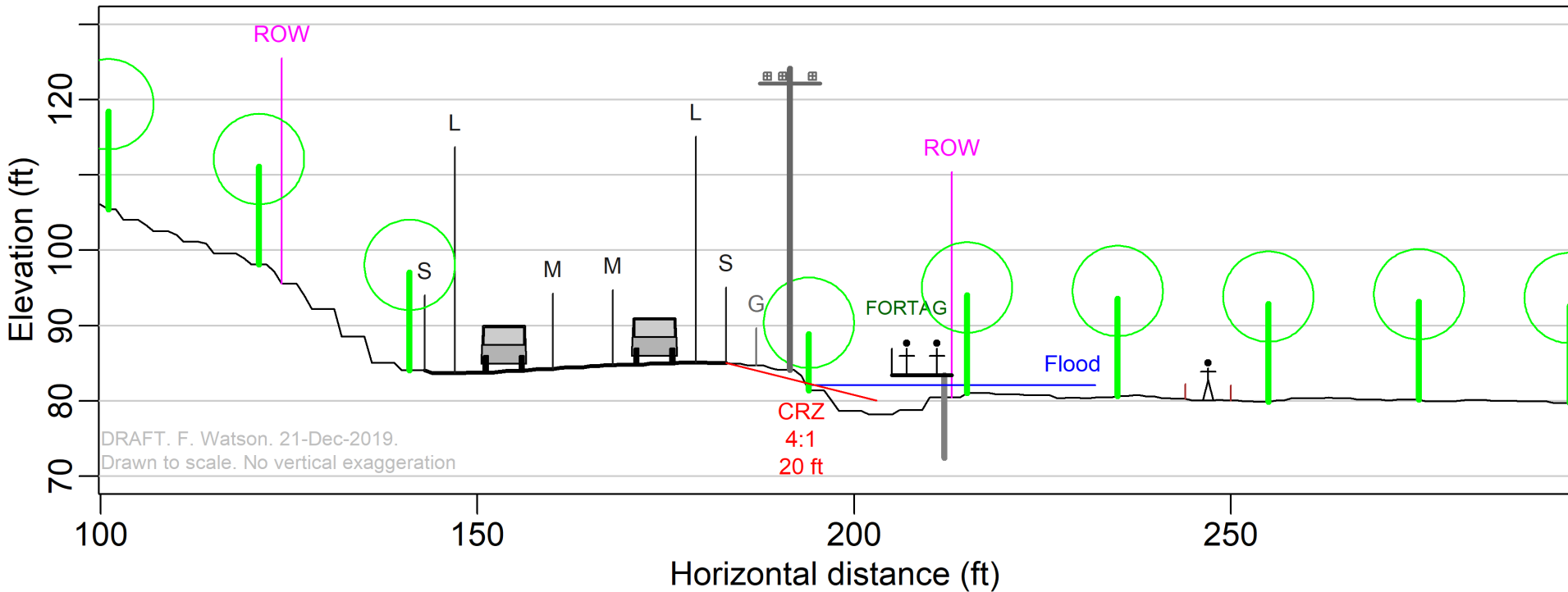
Contours:
2 ft

0.25 Miles

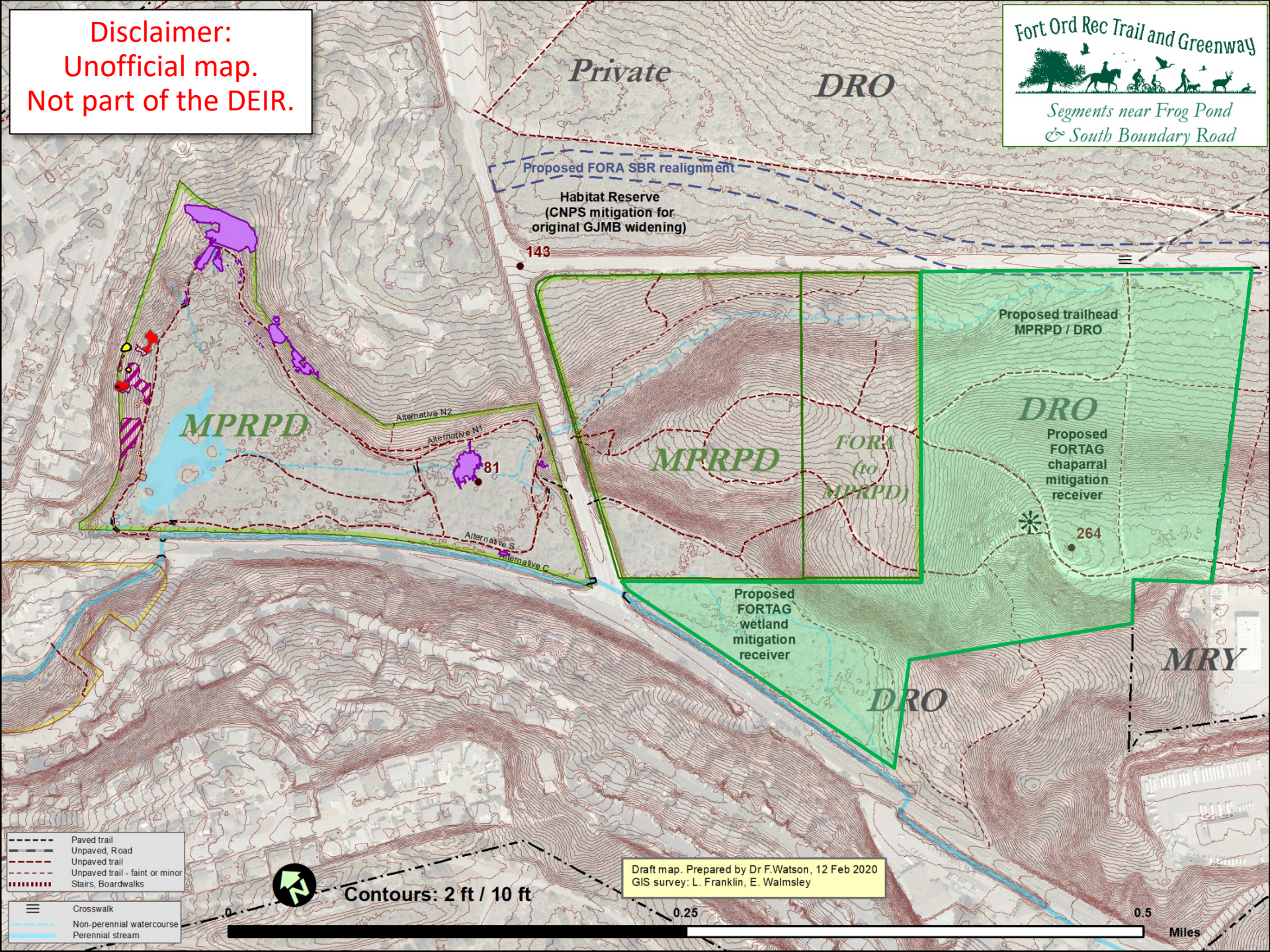
The "Creek" option (Option C)

Considerations to do with Cal Trans, US ACoE, CDFW, & co

Disclaimer:
Unofficial diagram.
Not part of the DEIR.



Disclaimer:
Unofficial map.
Not part of the DEIR.



Pros/cons of different options

Disclaimer:
Unofficial table.
Not part of the DEIR.

Consideration	Option					
	Status Quo	Northern 2 (N2)	Northern 1 (N1)	Southern (S)	Creek (C)	Carlton / Plumas / Mescal
Accessibility (elderly, disabled)	0	2	2	3	1	0
Safe parking (off-road)	0	2	2	2	2	0
Separate ped. loop (by pond)	1	1	1	0	1	1
Wetland / riparian preservation	3	3	2	1	2	3
Restoration of weedy areas	0	2	2	0	0	0
Pleasant FORTAG experience	NA	2	2	2	0	0
Cost and permit complexity	-0	-2	-2	-1	-4	?
Proximity to back yards	-0	-2	-1	-0	-0	-3
Access to eastern parcels	0	1	1	1	1	0
Access to designated trailhead site east of eastern parcels	0	1	1	1	1	0
Connection to National Monument	0	2	2	2	2	1
Wildlife corridor under GJMB	0	1	1	1	1	0
Expand total protected area through mitigation acquisitions	0	1	1	1	1	0
Funding from State ATP	0	1	1	1	1	1

Fort Ord Rec Trail and Greenway



fortag.org

facebook.com/FORTAG



Final note:

If you happen to be shown in one of the photos in this presentation and either:

(1) want a copy of the photo, or

(2) want the photo to be removed from our outreach materials,
please let us know.

fortag@fortag.org

Fort Ord Rec Trail and Greenway

Southern Loop

FORTAG bikeway - proposed

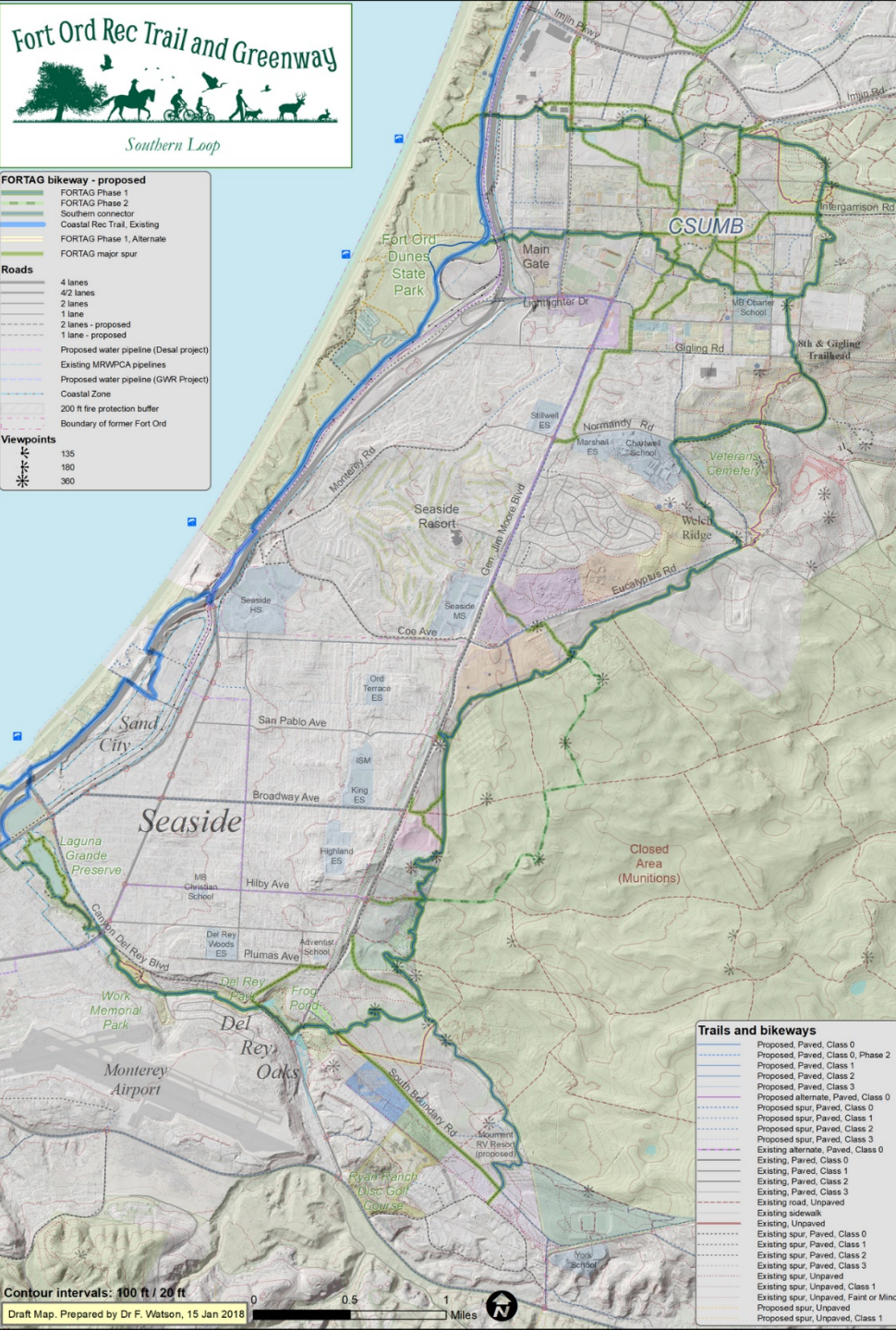
- FORTAG Phase 1
- FORTAG Phase 2
- Southern connector
- Coastal Rec Trail, Existing
- FORTAG Phase 1, Alternate
- FORTAG major spur

Roads

- 4 lanes
- 4/2 lanes
- 2 lanes
- 1 lane
- 2 lanes - proposed
- 1 lane - proposed
- Proposed water pipeline (Desal project)
- Existing MRWPCA pipelines
- Proposed water pipeline (GWR Project)
- Coastal Zone
- 200 ft fire protection buffer
- Boundary of former Fort Ord

Viewpoints

- 135
- 180
- 300

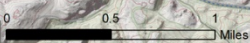


Trails and bikeways

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- Existing alternate, Paved, Class 0
- Existing, Paved, Class 0
- Existing, Paved, Class 1
- Existing, Paved, Class 2
- Existing, Paved, Class 3
- Existing road, Unpaved
- Existing sidewalk
- Existing, Unpaved
- Existing spur, Paved, Class 0
- Existing spur, Paved, Class 1
- Existing spur, Paved, Class 2
- Existing spur, Paved, Class 3
- Existing spur, Unpaved
- Existing spur, Unpaved, Class 1
- Existing spur, Unpaved, Faint or Minor
- Proposed spur, Unpaved
- Proposed spur, Unpaved, Class 1

Contour intervals: 100 ft / 20 ft

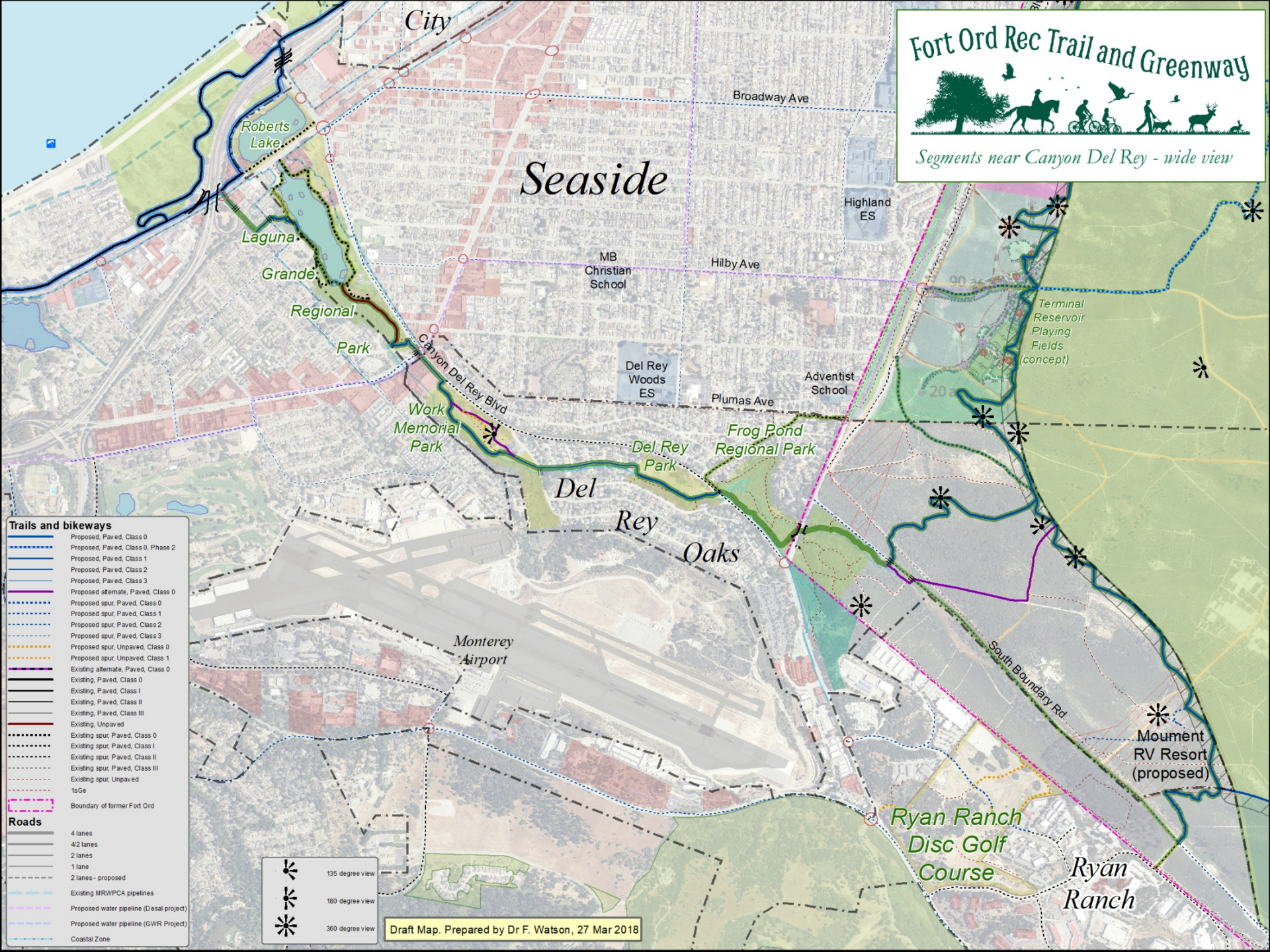
Draft Map, Prepared by Dr F. Watson, 15 Jan 2018



Fort Ord Rec Trail and Greenway



Segments near Canyon Del Rey - wide view



Trails and bikeways

- Proposed, Paved, Class 0
- Proposed, Paved, Class 0, Phase 2
- Proposed, Paved, Class 1
- Proposed, Paved, Class 2
- Proposed, Paved, Class 3
- Proposed alternate, Paved, Class 0
- Proposed spur, Paved, Class 0
- Proposed spur, Paved, Class 1
- Proposed spur, Paved, Class 2
- Proposed spur, Paved, Class 3
- Proposed spur, Unpaved, Class 0
- Proposed spur, Unpaved, Class 1
- Existing alternate, Paved, Class 0
- Existing, Paved, Class 0
- Existing, Paved, Class I
- Existing, Paved, Class II
- Existing, Paved, Class III
- Existing, Unpaved
- Existing spur, Paved, Class 0
- Existing spur, Paved, Class I
- Existing spur, Paved, Class II
- Existing spur, Paved, Class III
- Existing spur, Unpaved
- 1sGe
- Boundary of former Fort Ord

Roads

- 4 lanes
- 4/2 lanes
- 2 lanes
- 1 lane
- 2 lanes - proposed
- Existing MRWPCA pipelines
- Proposed water pipeline (Desal project)
- Proposed water pipeline (GWR Project)
- Coastal Zone

135 degree view

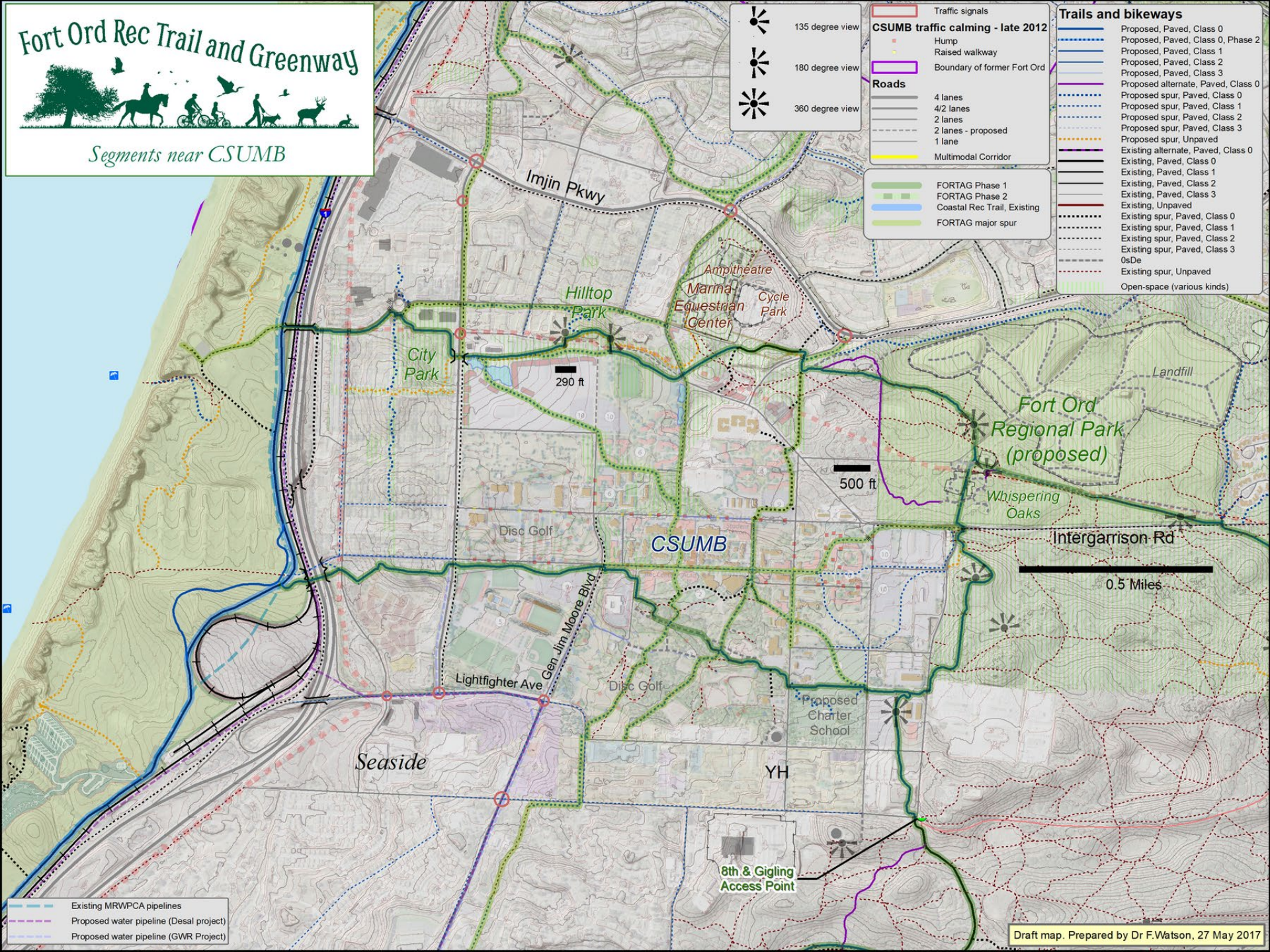
180 degree view

360 degree view

Draft Map. Prepared by Dr F. Watson, 27 Mar 2018

Fort Ord Rec Trail and Greenway

Segments near CSUMB



Traffic signals

- 135 degree view
- 180 degree view
- 360 degree view

CSUMB traffic calming - late 2012

- Hump
- Raised walkway
- Boundary of former Fort Ord

Roads

- 4 lanes
- 4/2 lanes
- 2 lanes
- 2 lanes - proposed
- 1 lane
- Multimodal Corridor

- FORTAG Phase 1
- FORTAG Phase 2
- Coastal Rec Trail, Existing
- FORTAG major spur

Trails and bikeways

- Proposed, Paved, Class 0
- Proposed, Paved, Class 0, Phase 2
- Proposed, Paved, Class 1
- Proposed, Paved, Class 2
- Proposed, Paved, Class 3
- Proposed alternate, Paved, Class 0
- Proposed spur, Paved, Class 0
- Proposed spur, Paved, Class 1
- Proposed spur, Paved, Class 2
- Proposed spur, Paved, Class 3
- Proposed spur, Unpaved
- Existing alternate, Paved, Class 0
- Existing, Paved, Class 0
- Existing, Paved, Class 1
- Existing, Paved, Class 2
- Existing, Paved, Class 3
- Existing, Unpaved
- Existing spur, Paved, Class 0
- Existing spur, Paved, Class 1
- Existing spur, Paved, Class 2
- Existing spur, Paved, Class 3
- OsDe
- Existing spur, Unpaved
- Open-space (various kinds)

- Existing MRWPCA pipelines
- Proposed water pipeline (Desal project)
- Proposed water pipeline (GWR Project)

Fort Ord Rec Trail and Greenway

Northern Loop

FORTAG bikeway - proposed

- Coastal Rec Trail, Existing
- FORTAG Phase 1
- FORTAG Phase 2
- FORTAG major spur

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Span

- 135
- 180
- 360

General bikeways & trails

- Proposed, Paved, Class 0
- Proposed, Paved, Class 0, Phase 2
- Proposed, Paved, Class 1
- Proposed, Paved, Class 2
- Proposed, Paved, Class 3
- Proposed alternate, Paved, Class 0
- Proposed alternate, Paved, Class 0, Phase 2
- Proposed alternate, Paved, Class 1, Phase 2
- Proposed spur, Paved, Class 0
- Proposed spur, Paved, Class 1
- Proposed spur, Paved, Class 2
- Proposed spur, Paved, Class 3
- Existing alternate, Paved, Class 0
- Existing, Paved, Class 0
- Existing, Paved, Class 1
- Existing, Paved, Class 2
- Existing, Paved, Class 3
- Existing, Unpaved road
- Existing, Unpaved
- Existing spur, Paved, Class 0
- Existing spur, Paved, Class 1
- Existing spur, Paved, Class 2
- Existing spur, Paved, Class 3
- Existing sidewalk, Paved
- Existing spur, Unpaved
- Existing spur, Unpaved, Class 1
- Proposed spur, Unpaved
- Proposed spur, Unpaved, Class 1
- Boundary of former Fort Ord

Roads

- 4 lanes
- 4/2 lanes
- 2 lanes
- 2 lanes - proposed
- 1
- 1

