

Magone Project Draft Environmental Impact Statement (DEIS)

Appendix B – Maps

Blue Mountain Ranger District
Malheur National Forest

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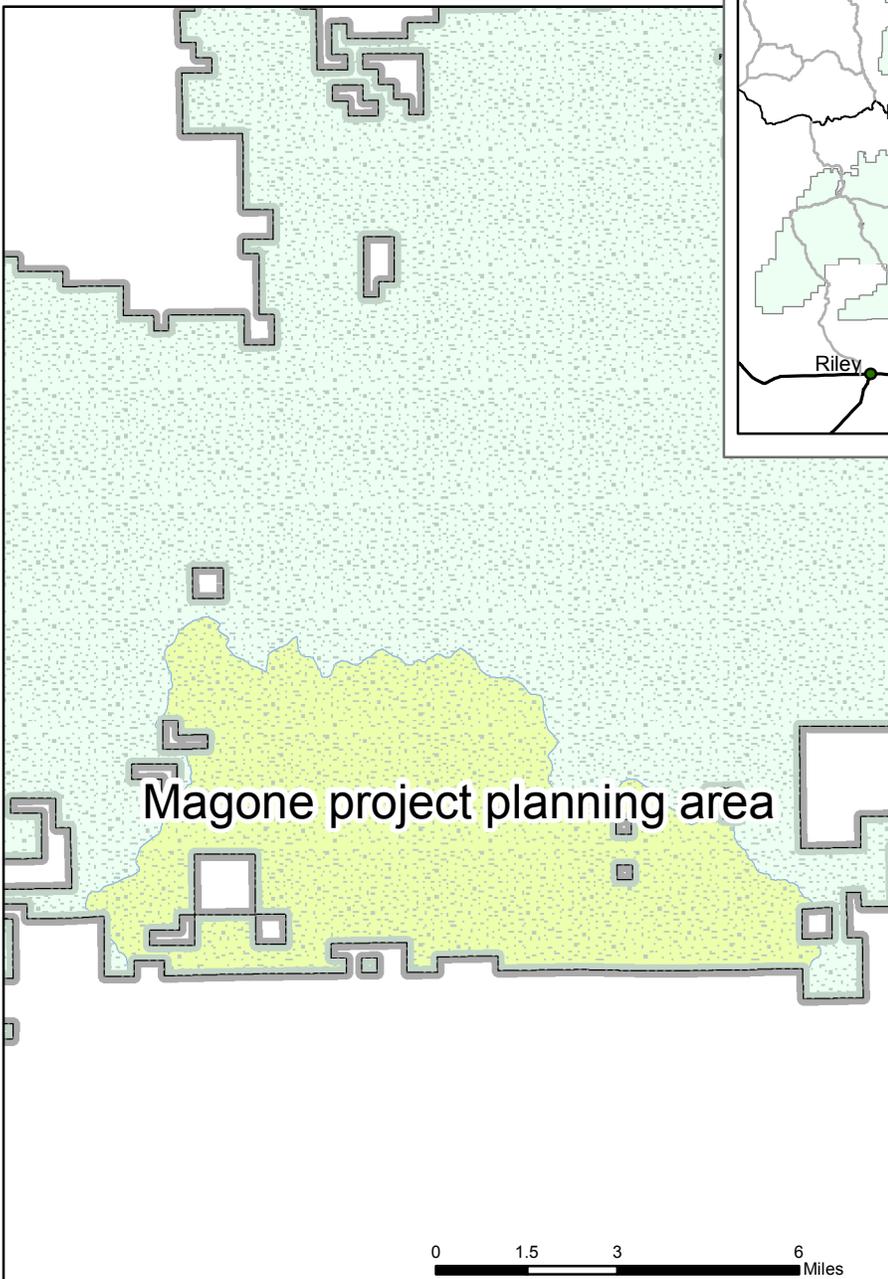
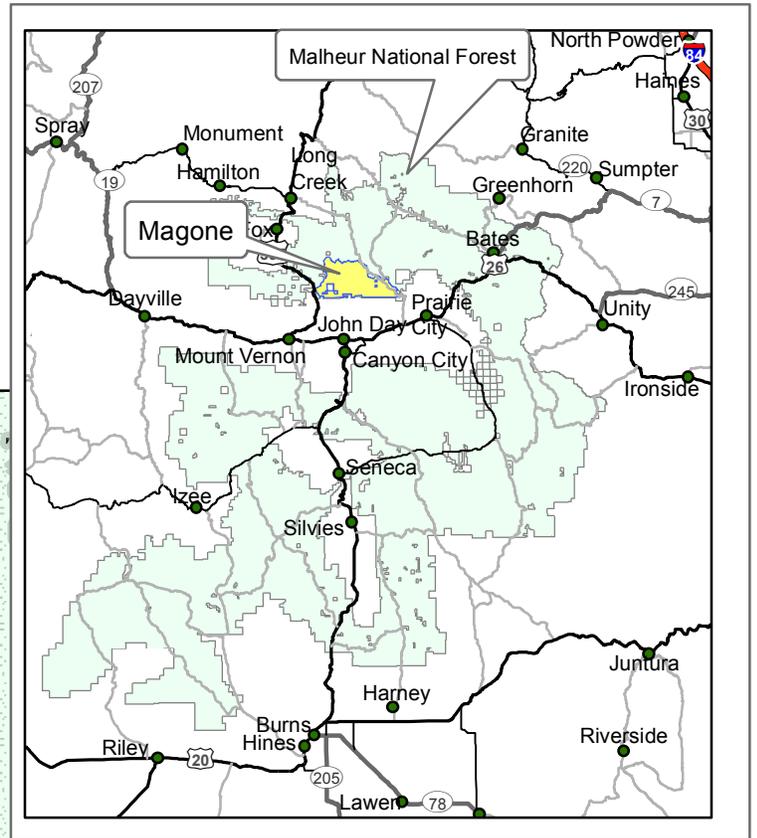
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Map 1. Magone project planning area

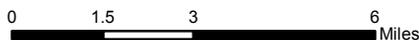


Legend

- Malheur National Forest
- Blue Mountain Ranger District
- Magone project planning area

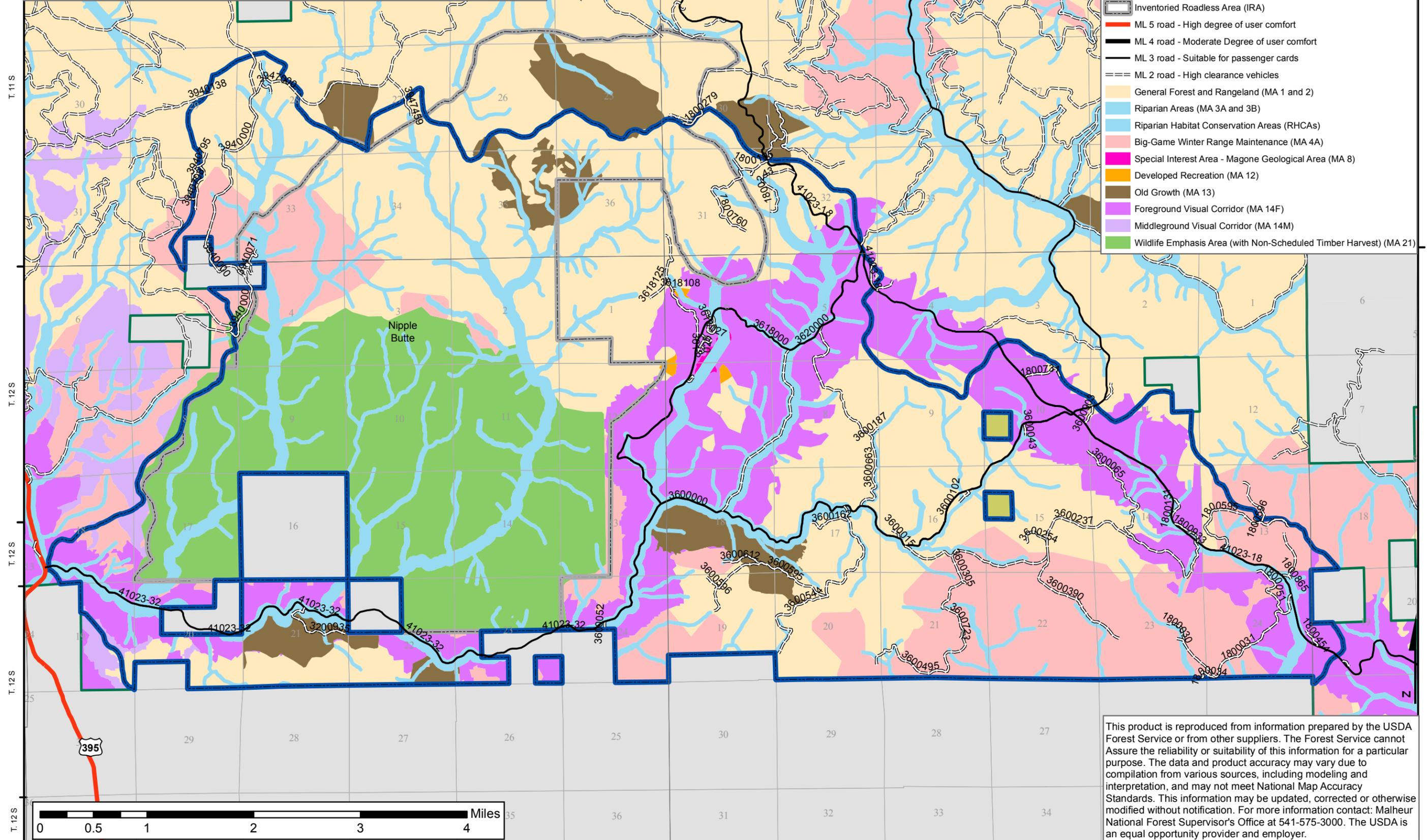


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Map 2. Current Malheur Forest Plan management areas



- Legend**
- District boundaries
 - Magone project planning area
 - Bureau of Land Management
 - Private land
 - Inventoried Roadless Area (IRA)
 - ML 5 road - High degree of user comfort
 - ML 4 road - Moderate Degree of user comfort
 - ML 3 road - Suitable for passenger cards
 - ML 2 road - High clearance vehicles
 - General Forest and Rangeland (MA 1 and 2)
 - Riparian Areas (MA 3A and 3B)
 - Riparian Habitat Conservation Areas (RHCA's)
 - Big-Game Winter Range Maintenance (MA 4A)
 - Special Interest Area - Magone Geological Area (MA 8)
 - Developed Recreation (MA 12)
 - Old Growth (MA 13)
 - Foreground Visual Corridor (MA 14F)
 - Middleground Visual Corridor (MA 14M)
 - Wildlife Emphasis Area (with Non-Scheduled Timber Harvest) (MA 21)

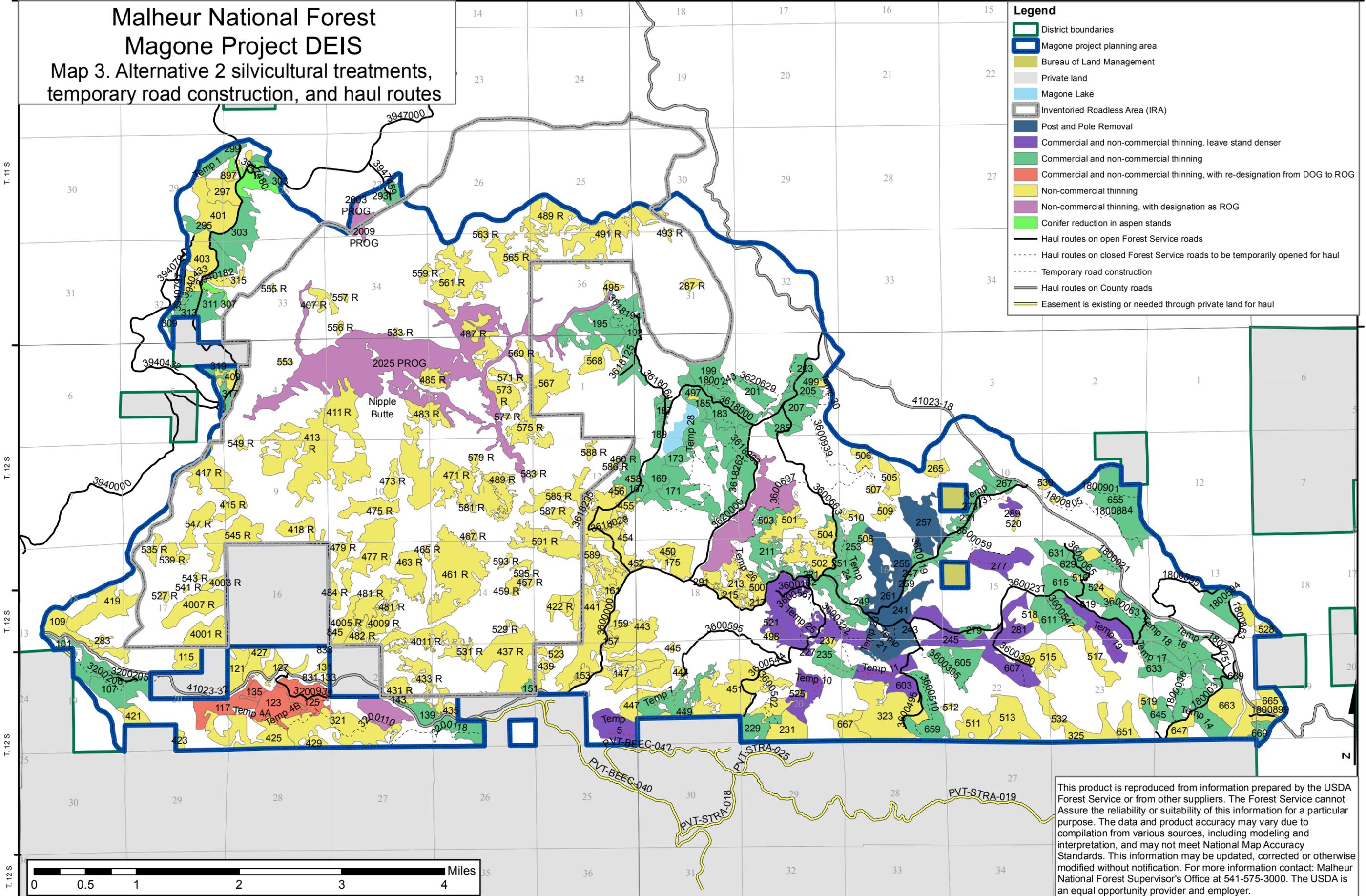
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Map 3. Alternative 2 silvicultural treatments, temporary road construction, and haul routes

Legend

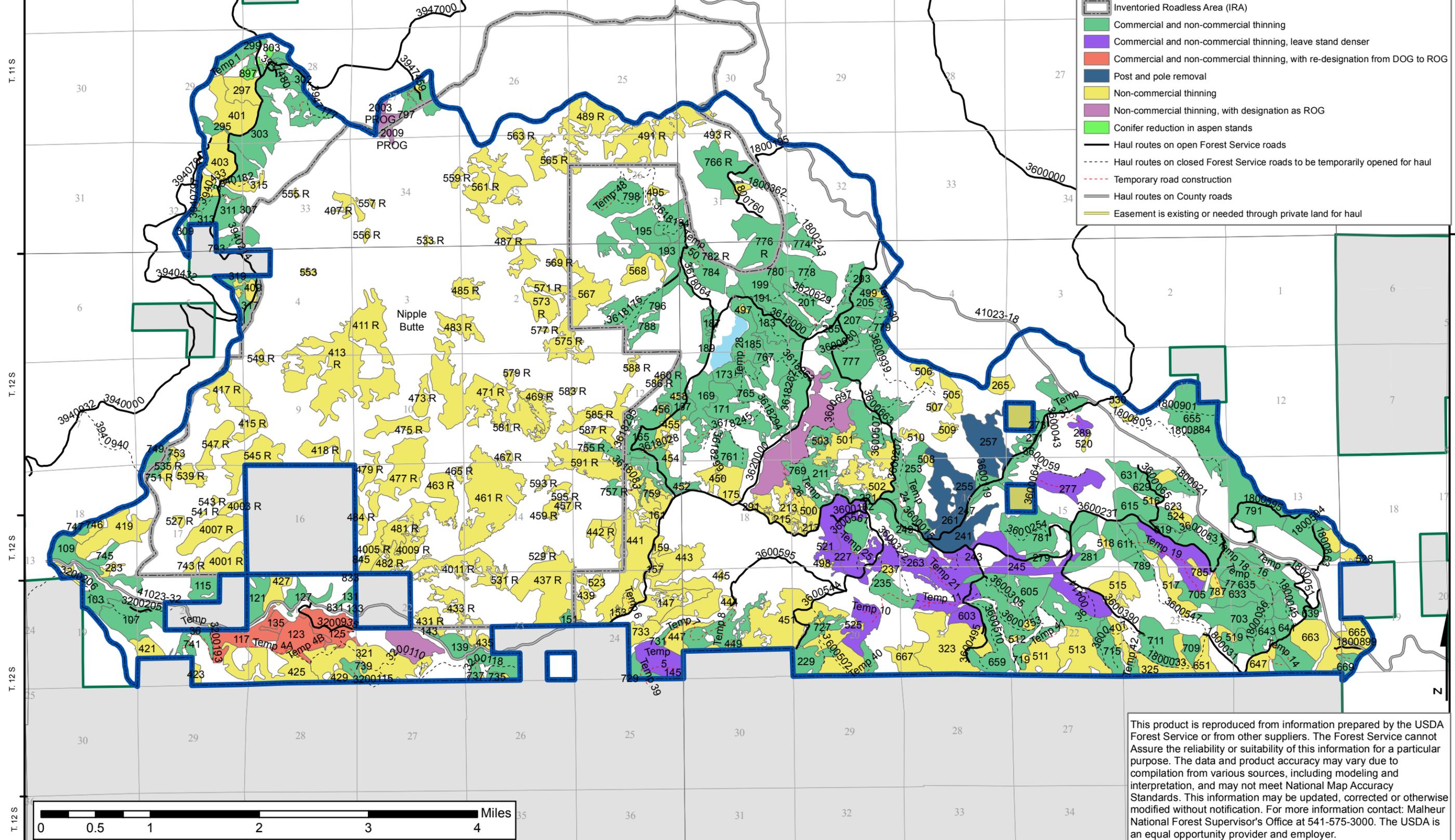
- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- Post and Pole Removal
- Commercial and non-commercial thinning, leave stand denser
- Commercial and non-commercial thinning
- Commercial and non-commercial thinning, with re-designation from DOG to ROG
- Non-commercial thinning
- Non-commercial thinning, with designation as ROG
- Conifer reduction in aspen stands
- Haul routes on open Forest Service roads
- Haul routes on closed Forest Service roads to be temporarily opened for haul
- Temporary road construction
- Haul routes on County roads
- Easement is existing or needed through private land for haul



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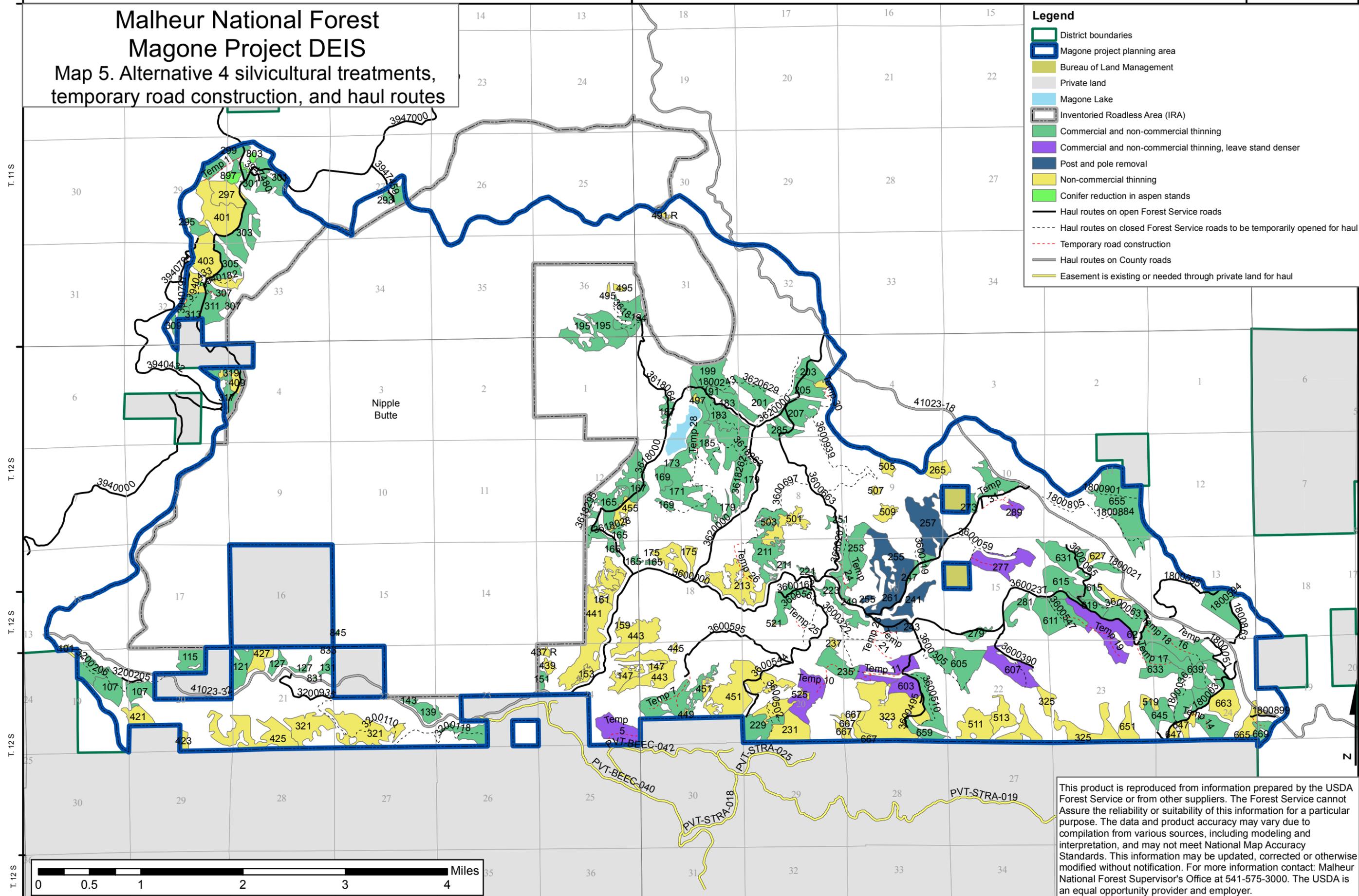
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Map 4. Alternative 3 silvicultural treatments, temporary road construction, and haul routes

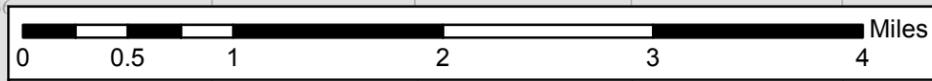


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Map 5. Alternative 4 silvicultural treatments, temporary road construction, and haul routes



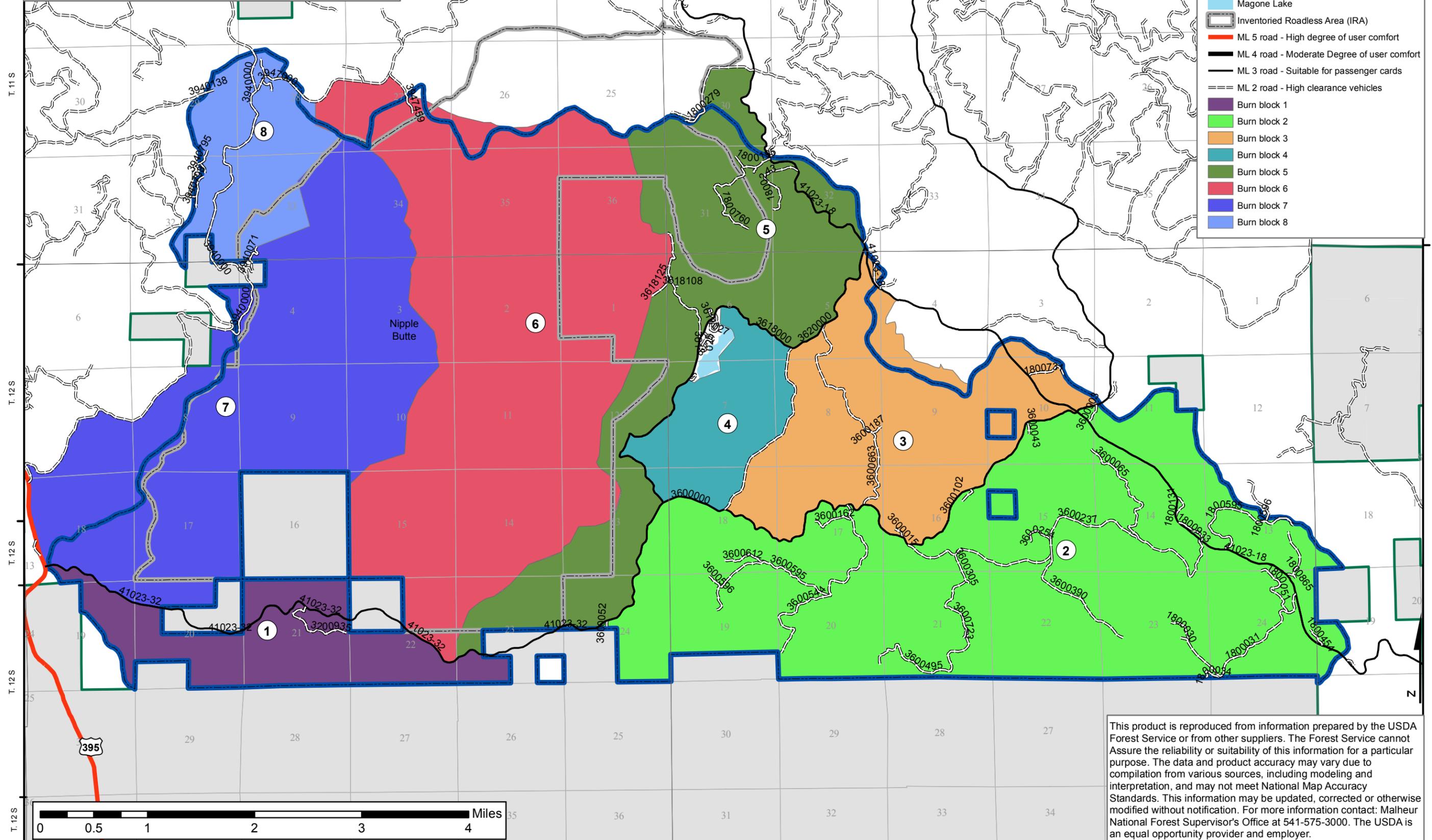
- Legend**
- District boundaries
 - Magone project planning area
 - Bureau of Land Management
 - Private land
 - Magone Lake
 - Inventoried Roadless Area (IRA)
 - Commercial and non-commercial thinning
 - Commercial and non-commercial thinning, leave stand denser
 - Post and pole removal
 - Non-commercial thinning
 - Conifer reduction in aspen stands
 - Haul routes on open Forest Service roads
 - Haul routes on closed Forest Service roads to be temporarily opened for haul
 - Temporary road construction
 - Haul routes on County roads
 - Easement is existing or needed through private land for haul



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Map 6. Alternatives 2 and 3 burn blocks



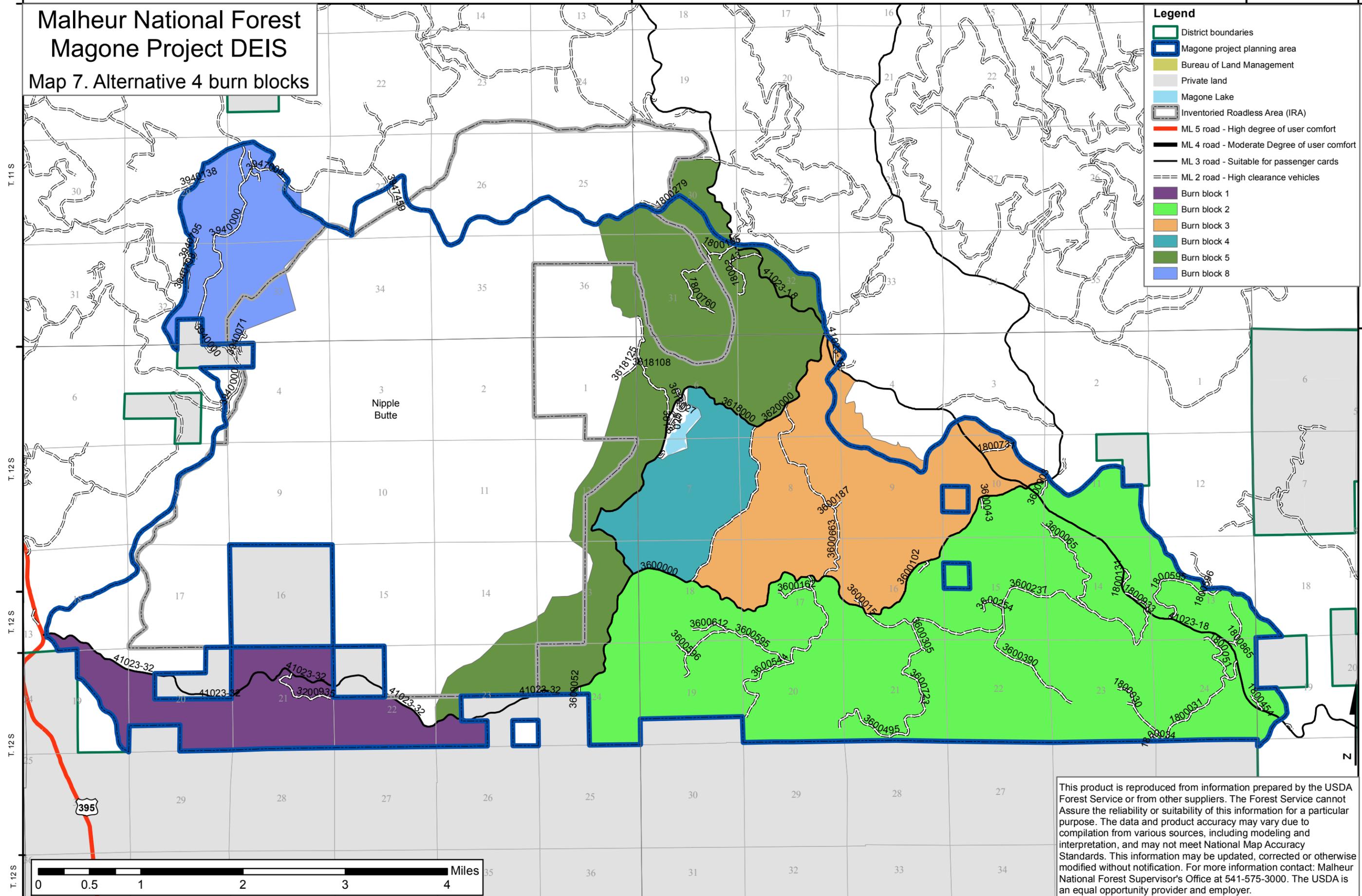
Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Burn block 1
- Burn block 2
- Burn block 3
- Burn block 4
- Burn block 5
- Burn block 6
- Burn block 7
- Burn block 8

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Map 7. Alternative 4 burn blocks



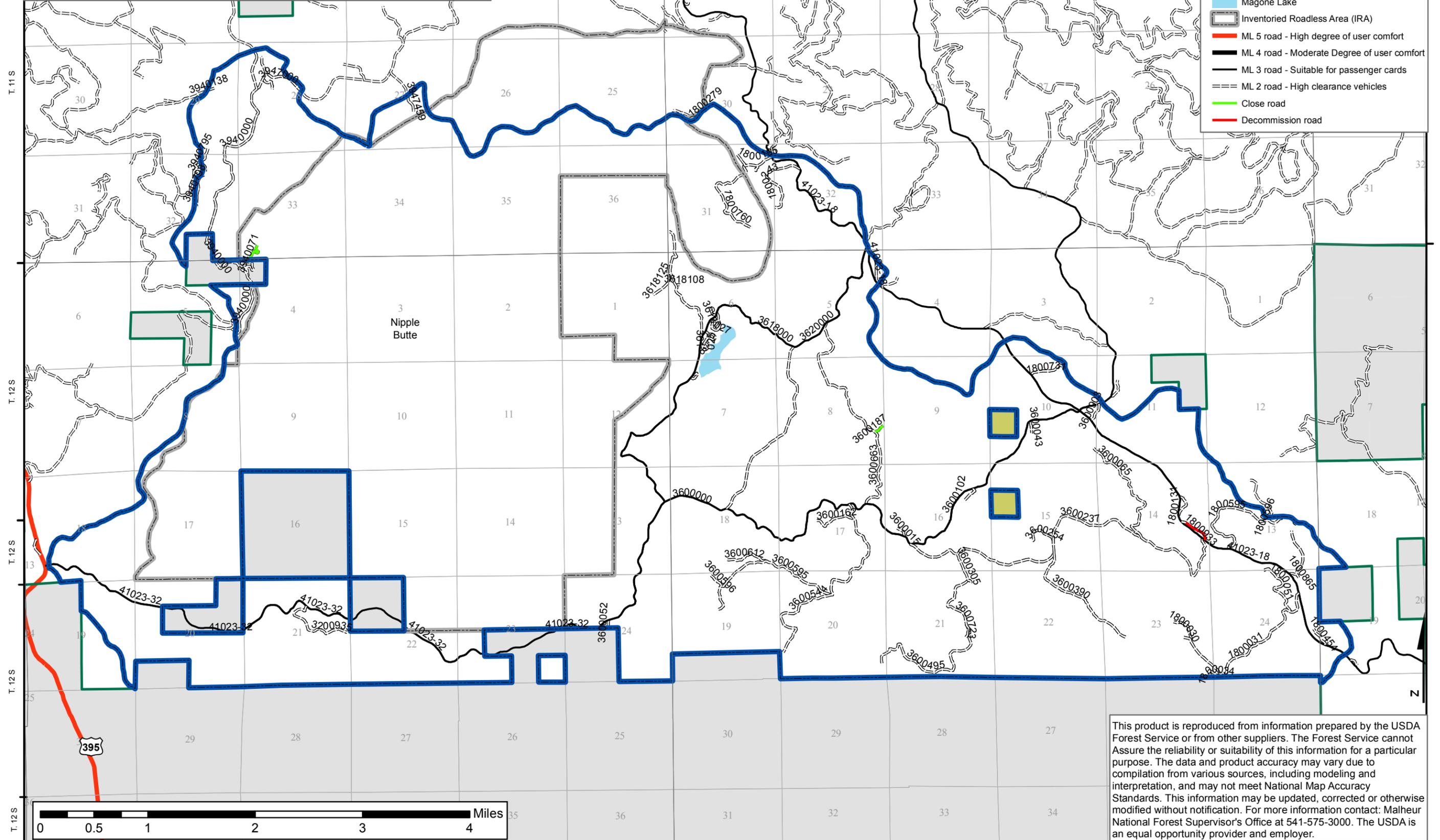
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Map 9. Alternatives 3 and 4 road system changes

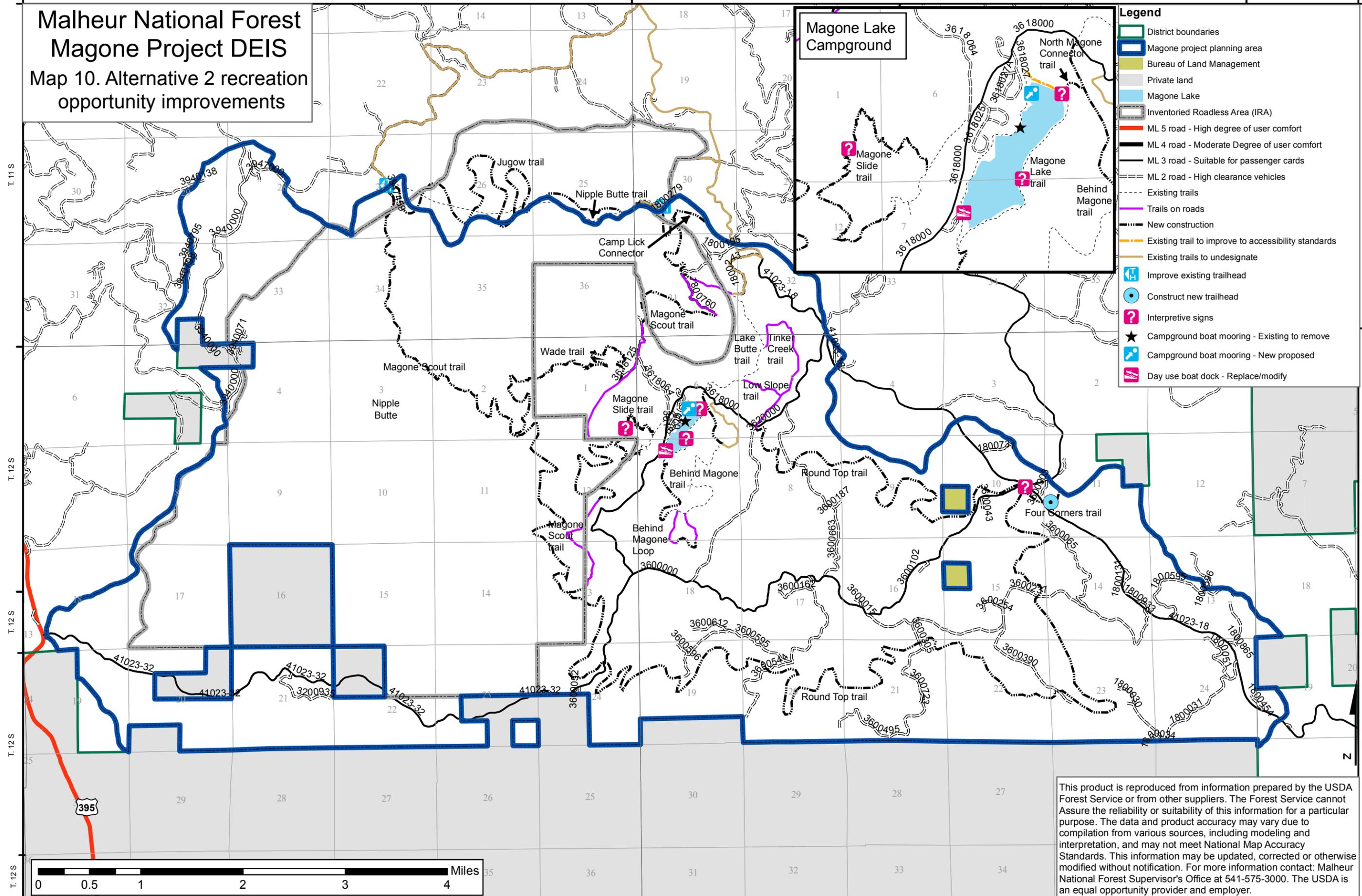
Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cars
- ML 2 road - High clearance vehicles
- Close road
- Decommission road

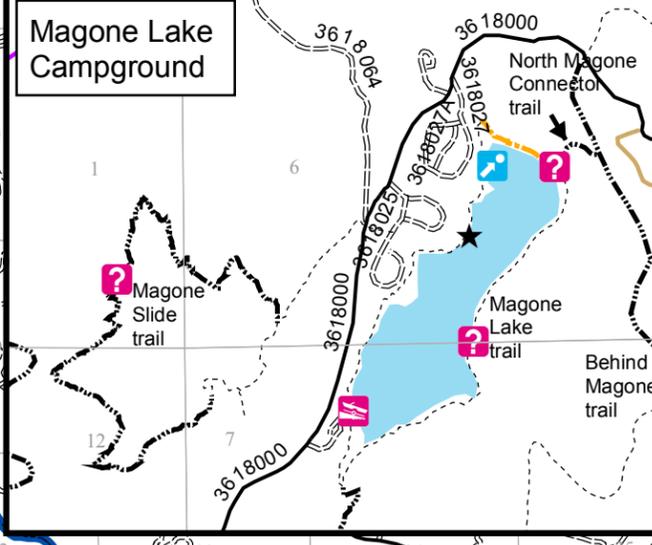


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Malheur National Forest Magone Project DEIS Map 10. Alternative 2 recreation opportunity improvements

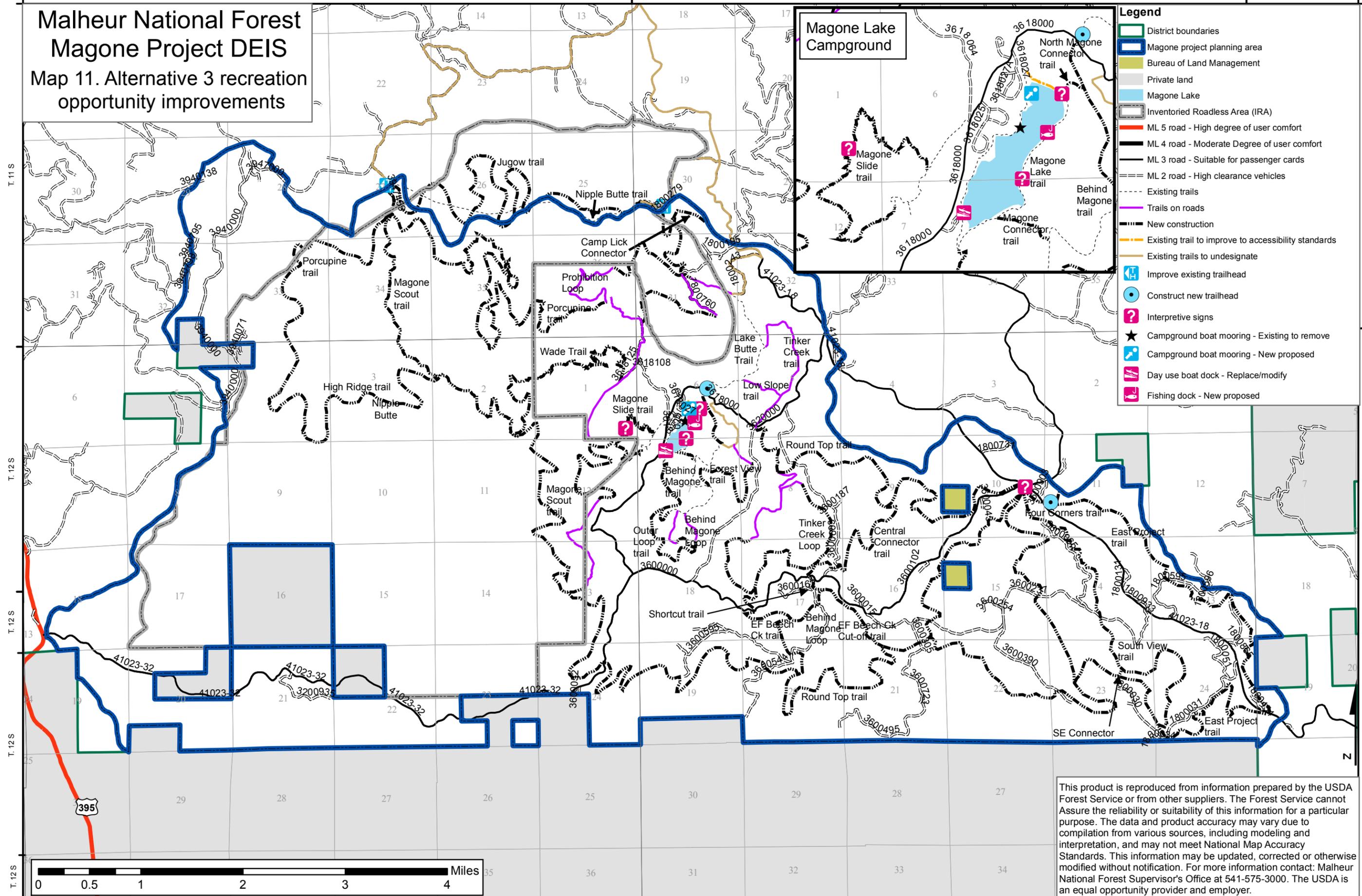


- Legend**
- District boundaries
 - Magone project planning area
 - Bureau of Land Management
 - Private land
 - Magone Lake
 - Inventoried Roadless Area (IRA)
 - ML 5 road - High degree of user comfort
 - ML 4 road - Moderate Degree of user comfort
 - ML 3 road - Suitable for passenger cards
 - ML 2 road - High clearance vehicles
 - Existing trails
 - Trails on roads
 - New construction
 - Existing trail to improve to accessibility standards
 - Existing trails to undesignate
 - Improve existing trailhead
 - Construct new trailhead
 - Interpretive signs
 - Campground boat mooring - Existing to remove
 - Campground boat mooring - New proposed
 - Day use boat dock - Replace/modify



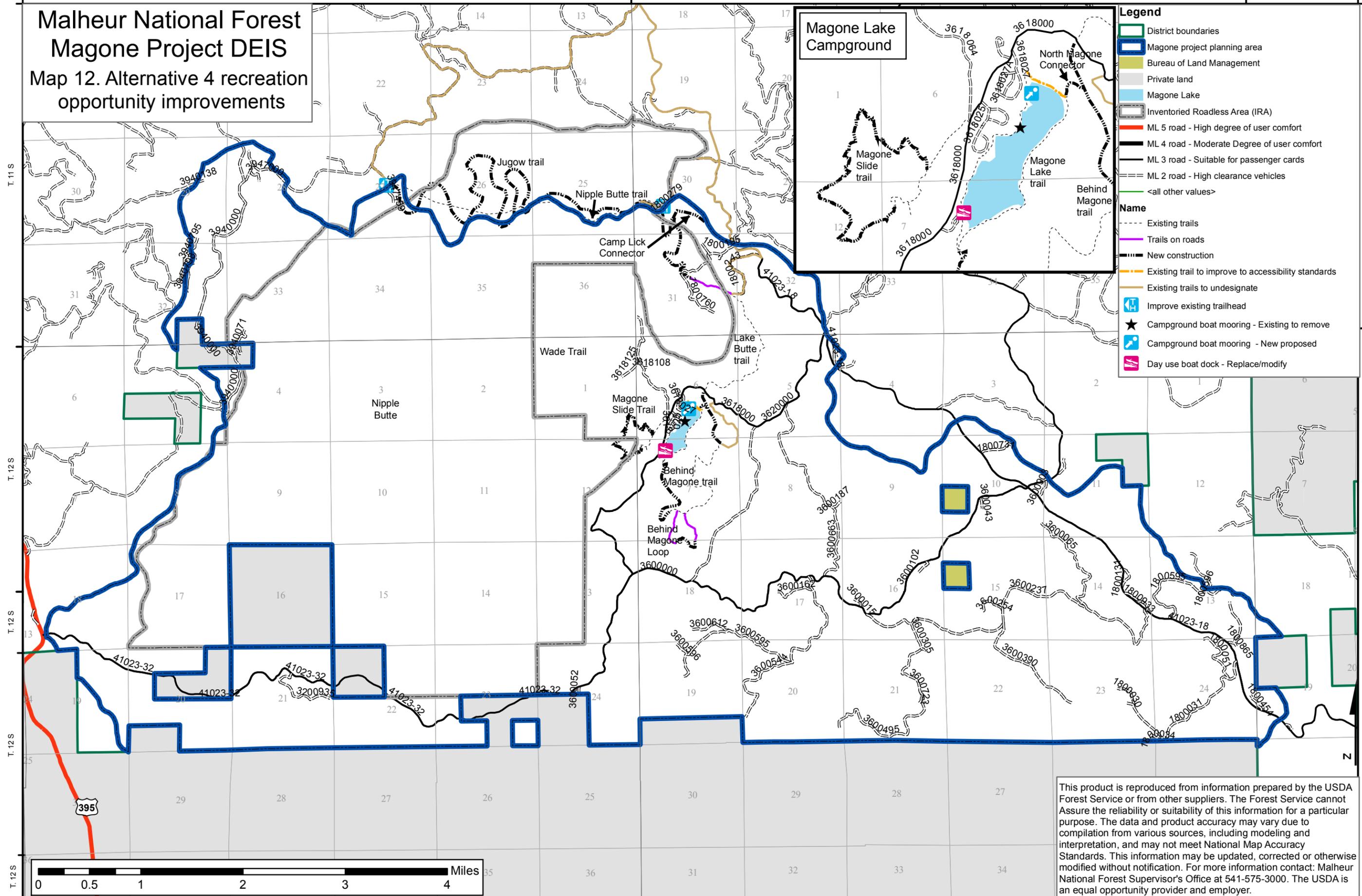
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Malheur National Forest Magone Project DEIS Map 11. Alternative 3 recreation opportunity improvements



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Malheur National Forest Magone Project DEIS Map 12. Alternative 4 recreation opportunity improvements



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- <all other values>

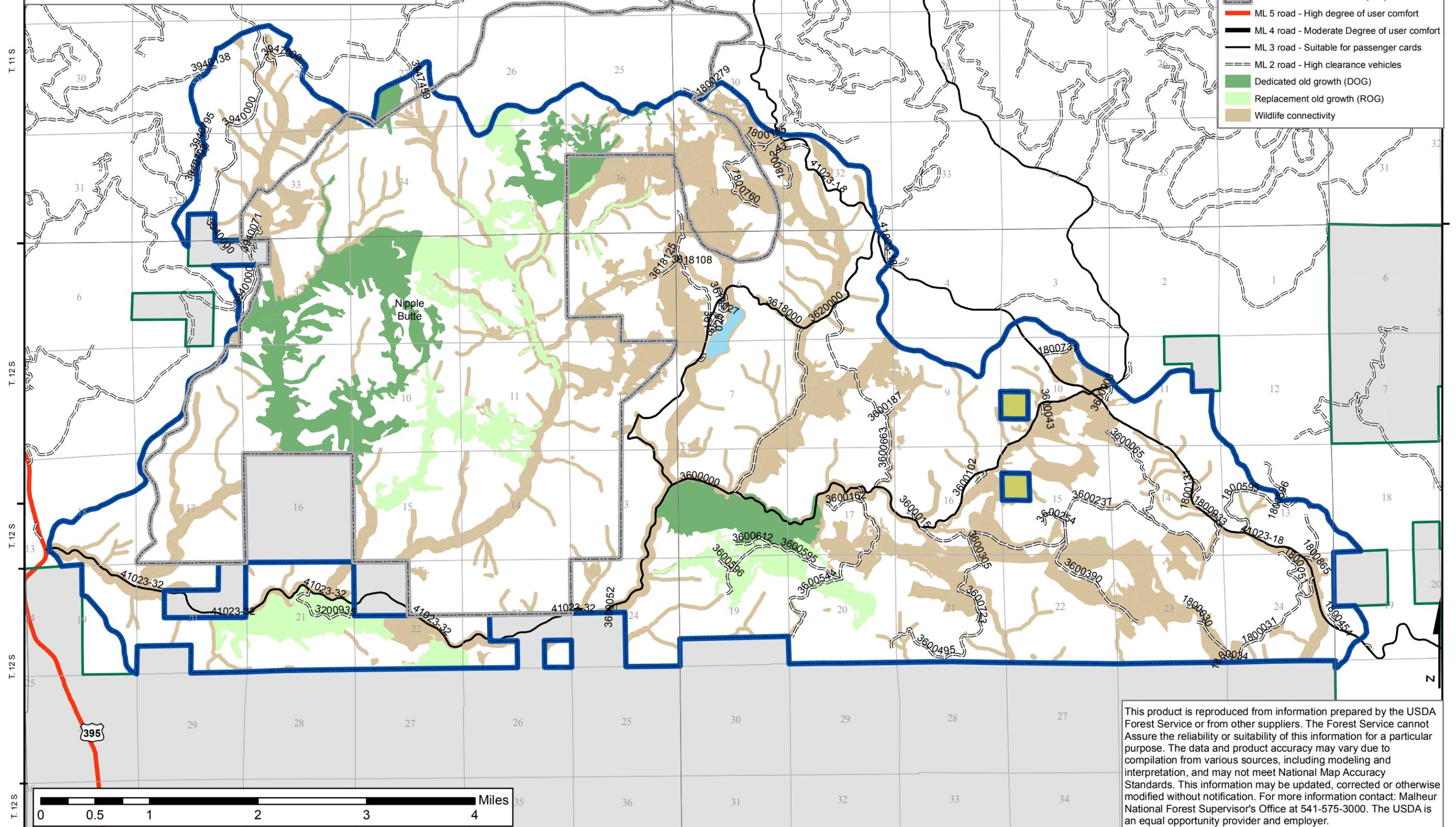
Name

- Existing trails
- Trails on roads
- New construction
- Existing trail to improve to accessibility standards
- Existing trails to undesignate
- Improve existing trailhead
- Campground boat mooring - Existing to remove
- Campground boat mooring - New proposed
- Day use boat dock - Replace/modify

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Map 13. Alternatives 2 and 4 dedicated old growth areas and wildlife corridors



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Dedicated old growth (DOG)
- Replacement old growth (ROG)
- Wildlife connectivity

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Map 14. Alternative 3 dedicated old growth areas and wildlife corridors

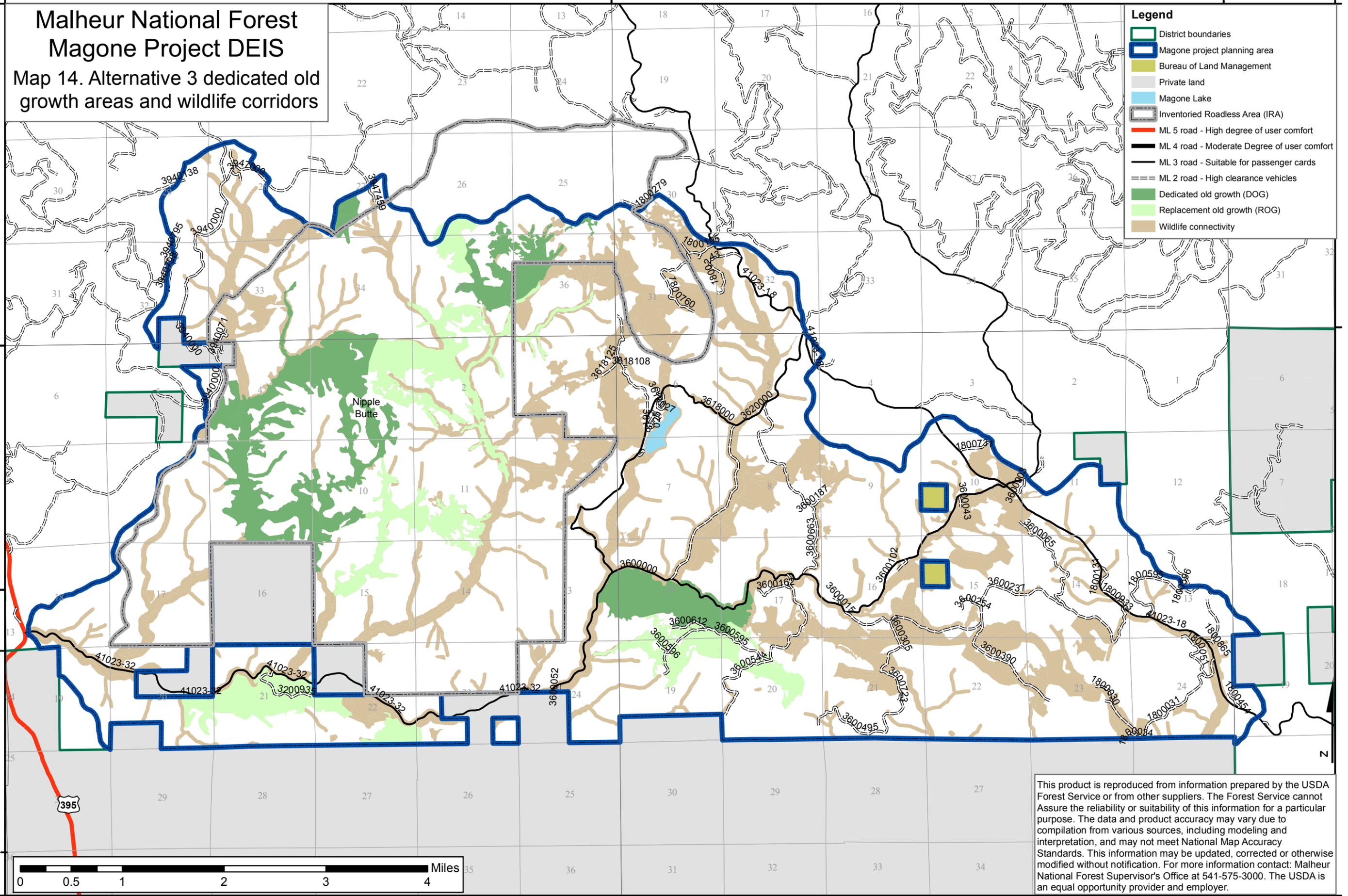
T. 11 S

T. 12 S

T. 12 S

T. 12 S

T. 12 S



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Dedicated old growth (DOG)
- Replacement old growth (ROG)
- Wildlife connectivity

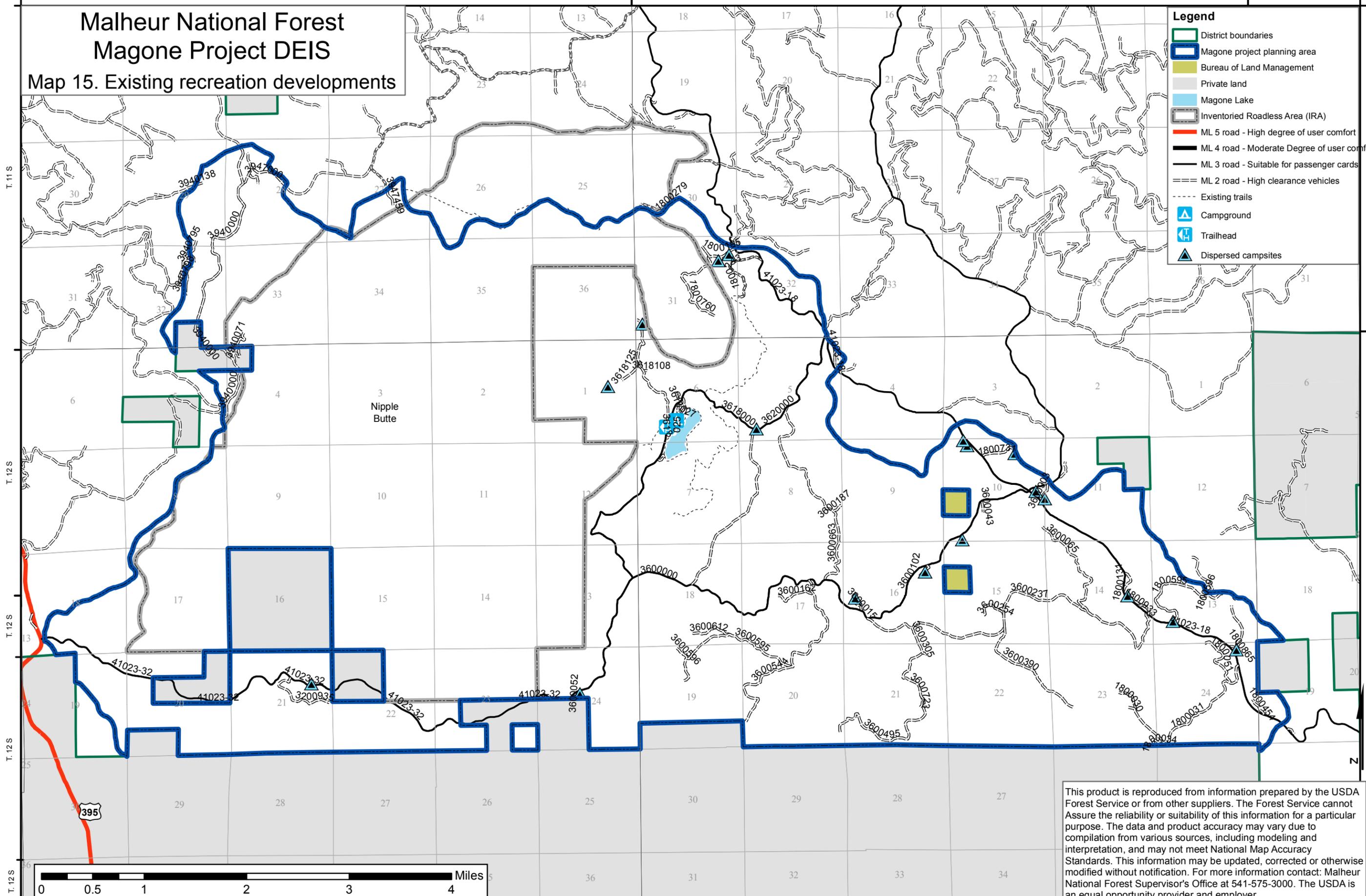
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Map 15. Existing recreation developments

Legend

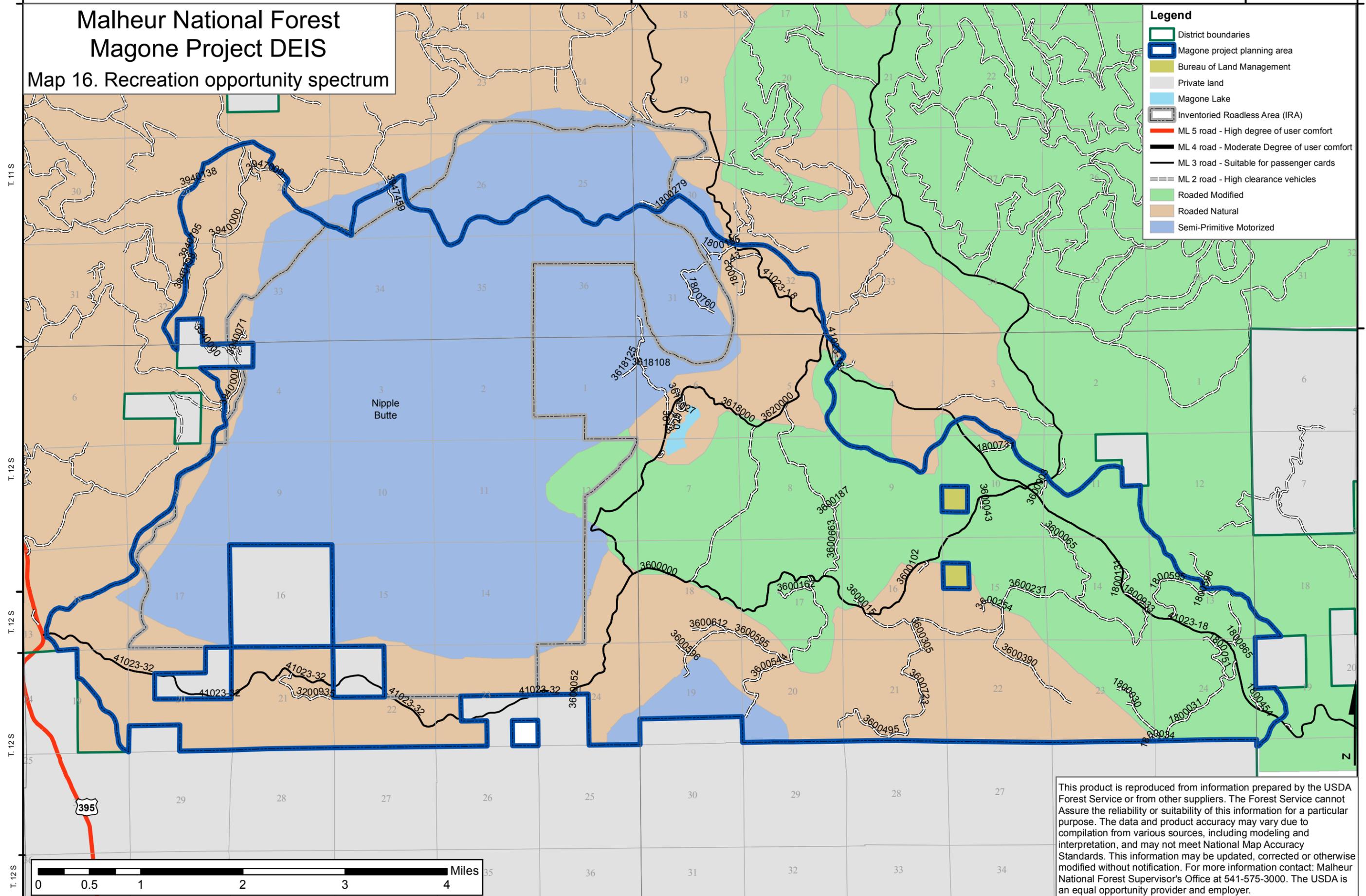
- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Existing trails
- Campground
- Trailhead
- Dispersed campsites



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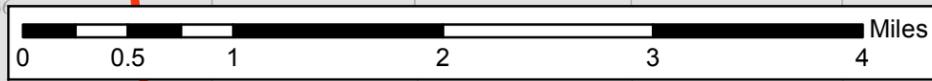
Map 16. Recreation opportunity spectrum



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Roaded Modified
- Roaded Natural
- Semi-Primitive Motorized

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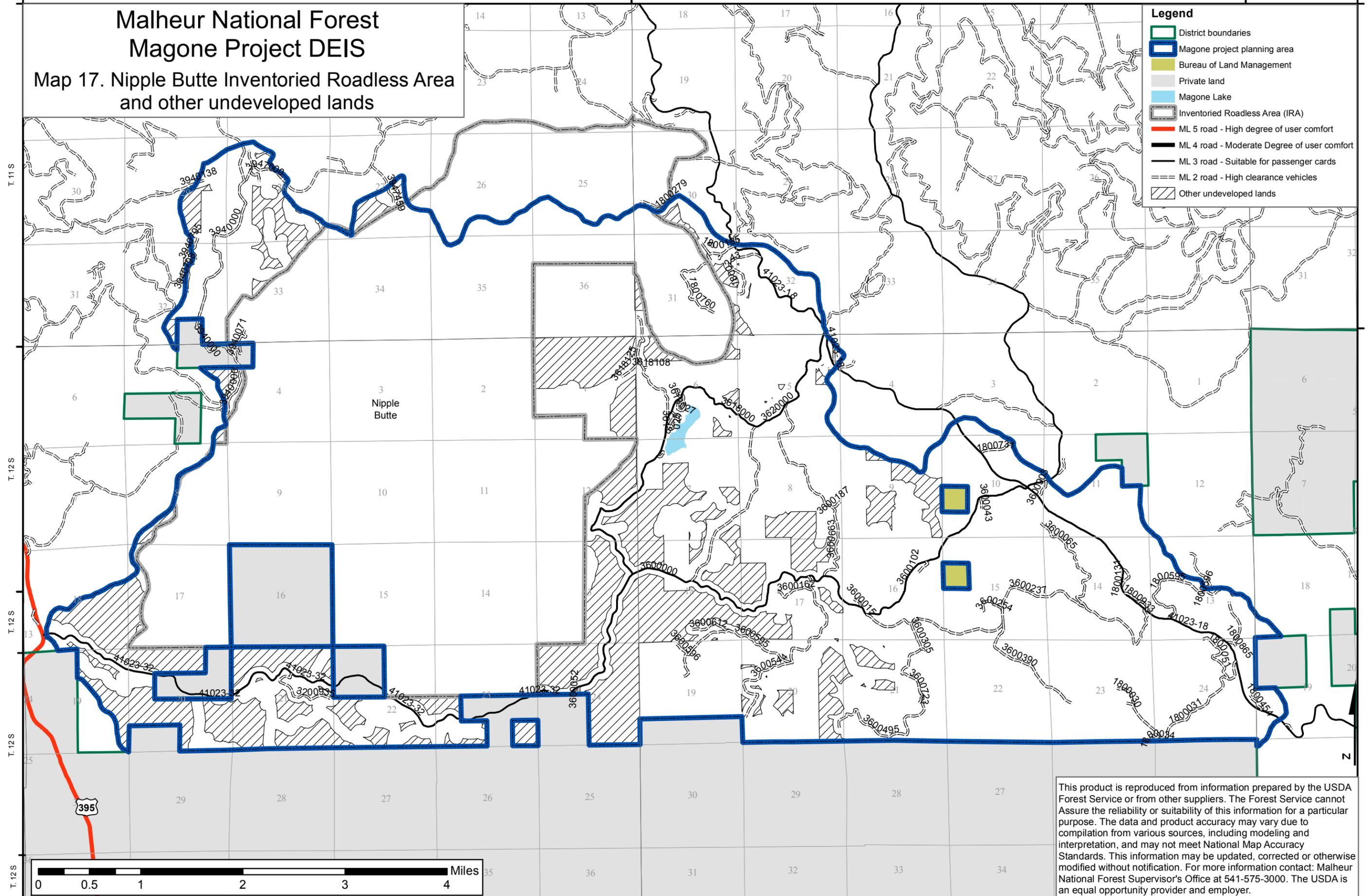


Malheur National Forest Magone Project DEIS

Map 17. Nipple Butte Inventoried Roadless Area and other undeveloped lands

Legend

-  District boundaries
-  Magone project planning area
-  Bureau of Land Management
-  Private land
-  Magone Lake
-  Inventoried Roadless Area (IRA)
-  ML 5 road - High degree of user comfort
-  ML 4 road - Moderate Degree of user comfort
-  ML 3 road - Suitable for passenger cards
-  ML 2 road - High clearance vehicles
-  Other undeveloped lands

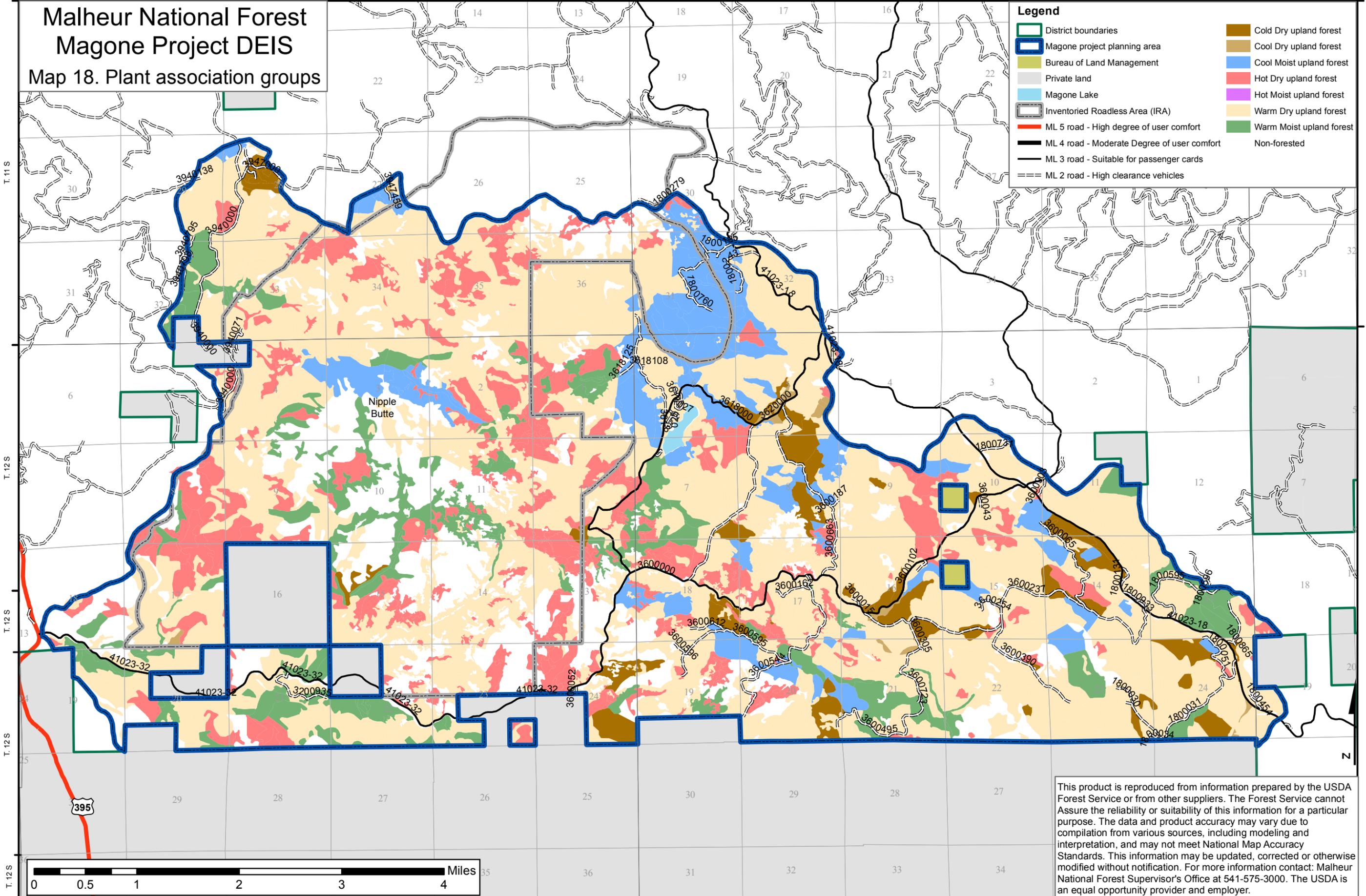


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Malheur National Forest Magone Project DEIS Map 18. Plant association groups

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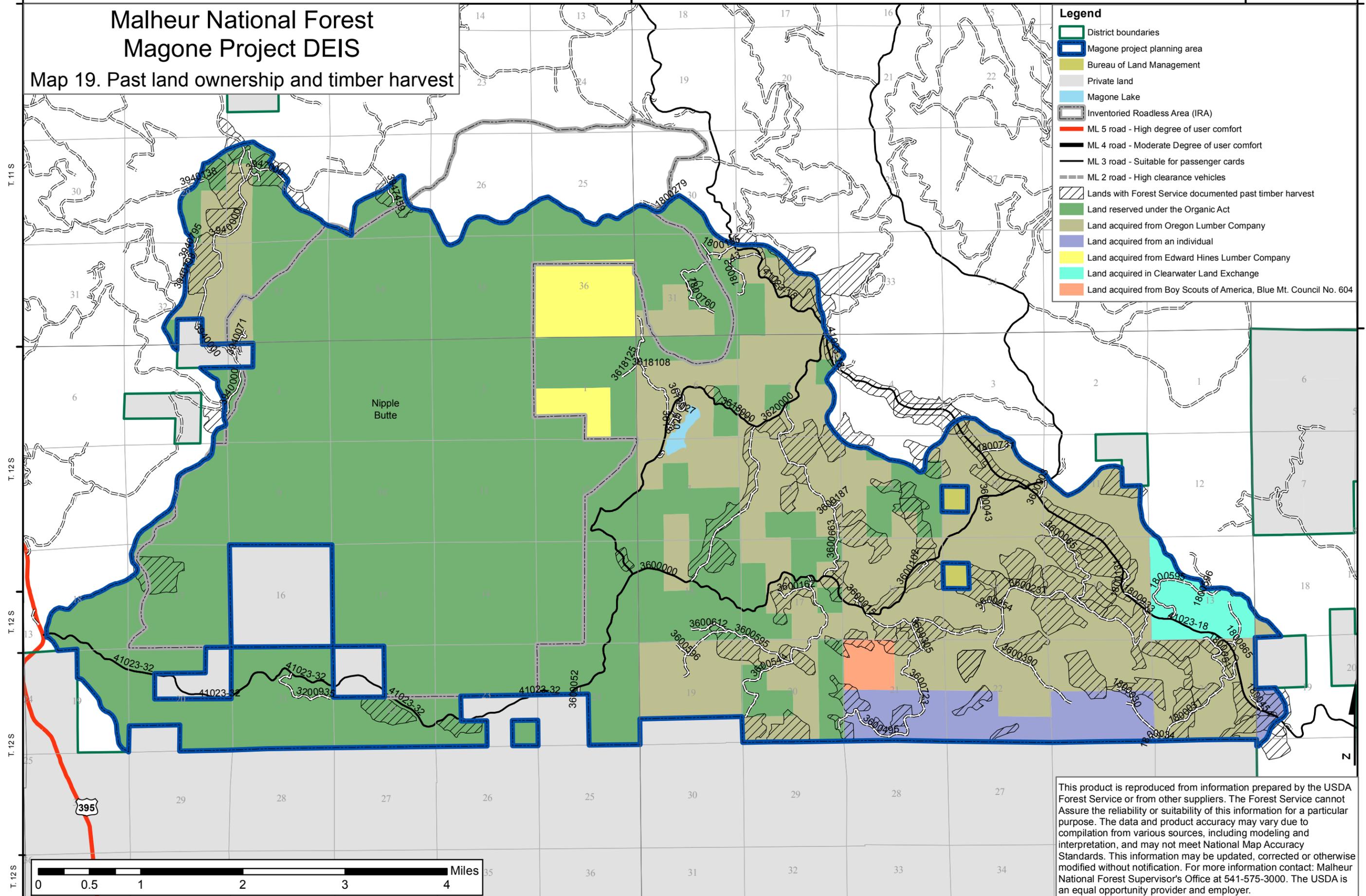
- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Cold Dry upland forest
- Cool Dry upland forest
- Cool Moist upland forest
- Hot Dry upland forest
- Hot Moist upland forest
- Warm Dry upland forest
- Warm Moist upland forest
- Non-forested



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Map 19. Past land ownership and timber harvest

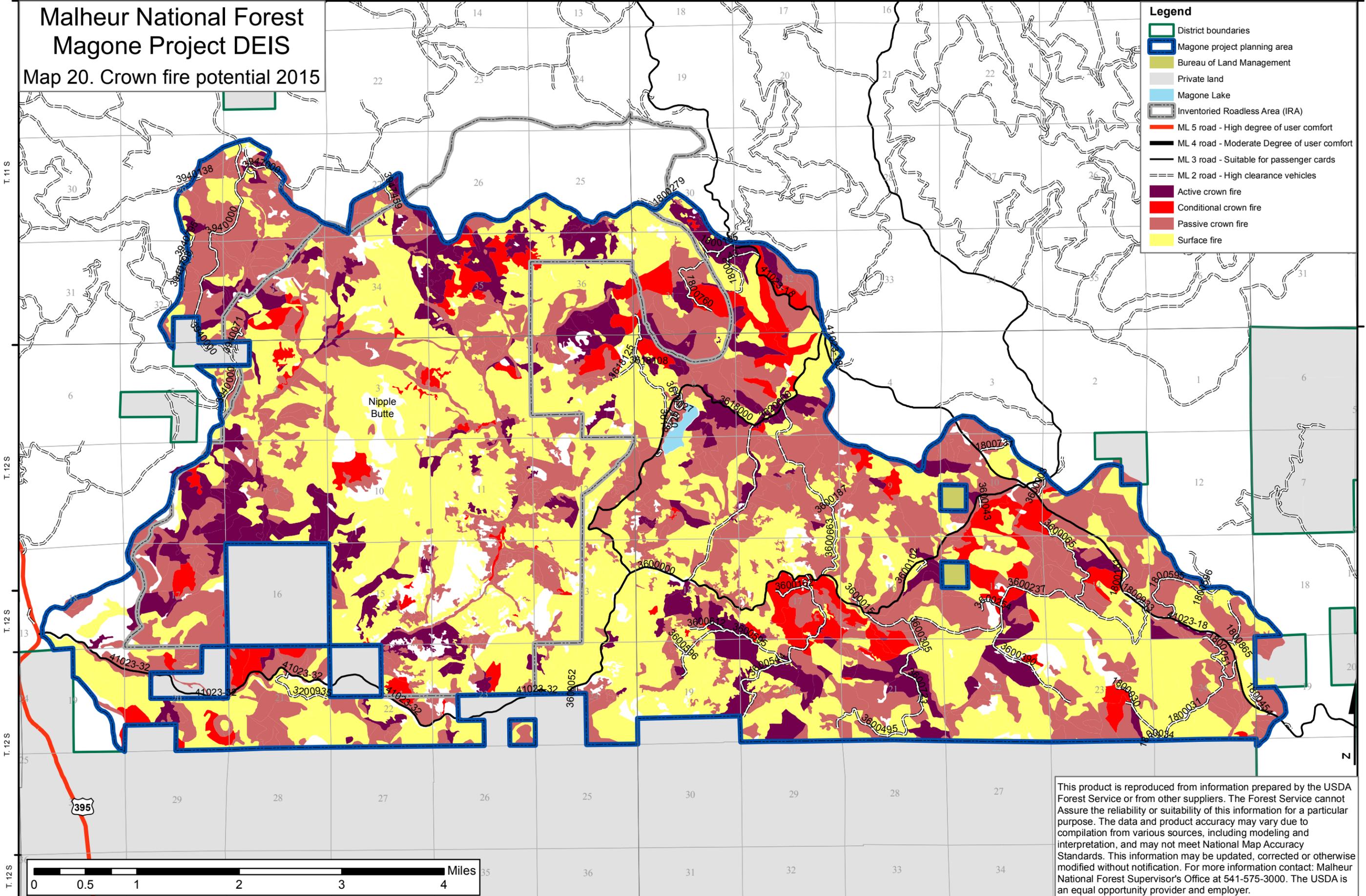


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Malheur National Forest Magone Project DEIS Map 20. Crown fire potential 2015

Legend

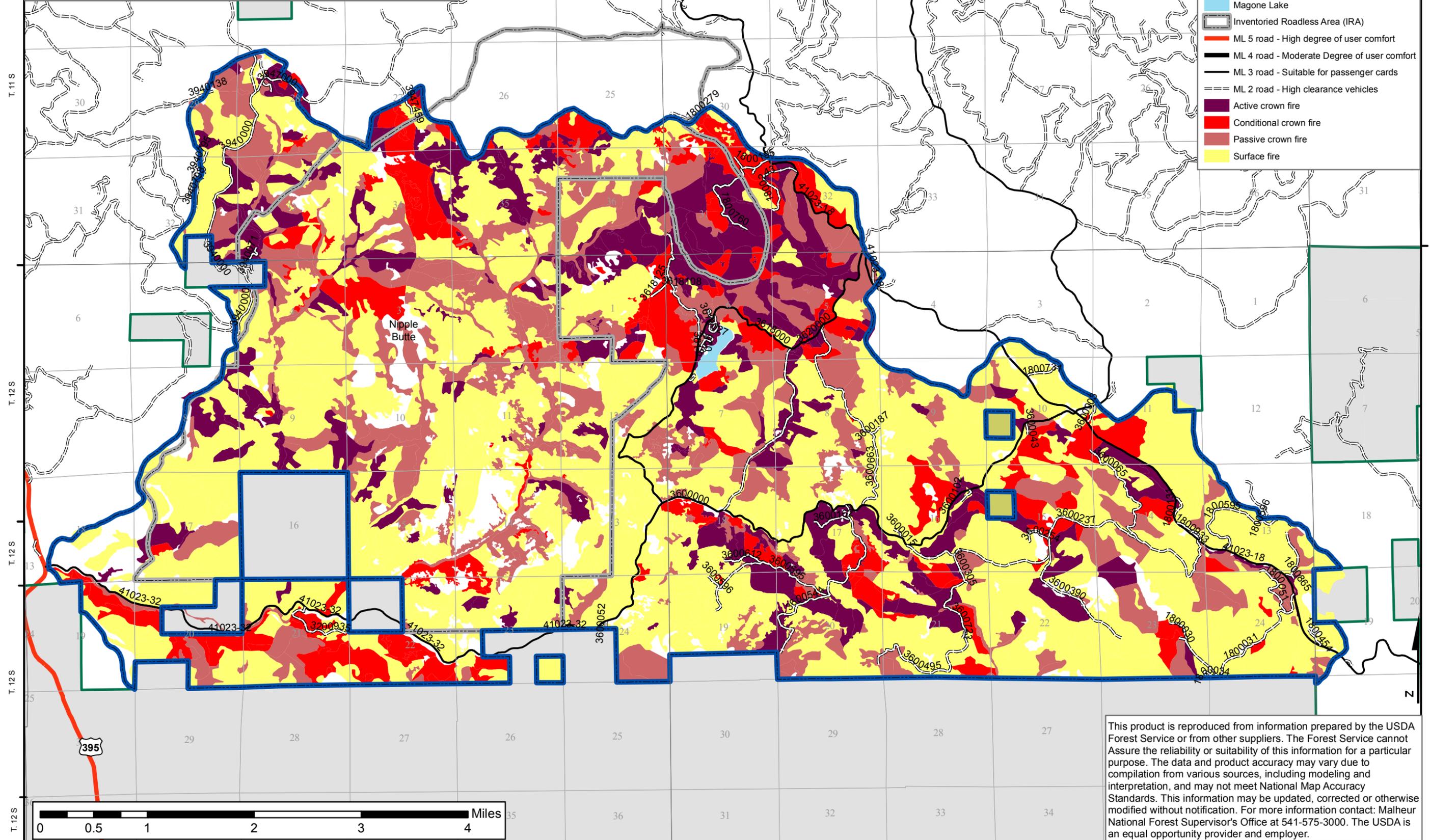
- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Active crown fire
- Conditional crown fire
- Passive crown fire
- Surface fire



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Map 21. Alternative 1 crown fire potential 2055



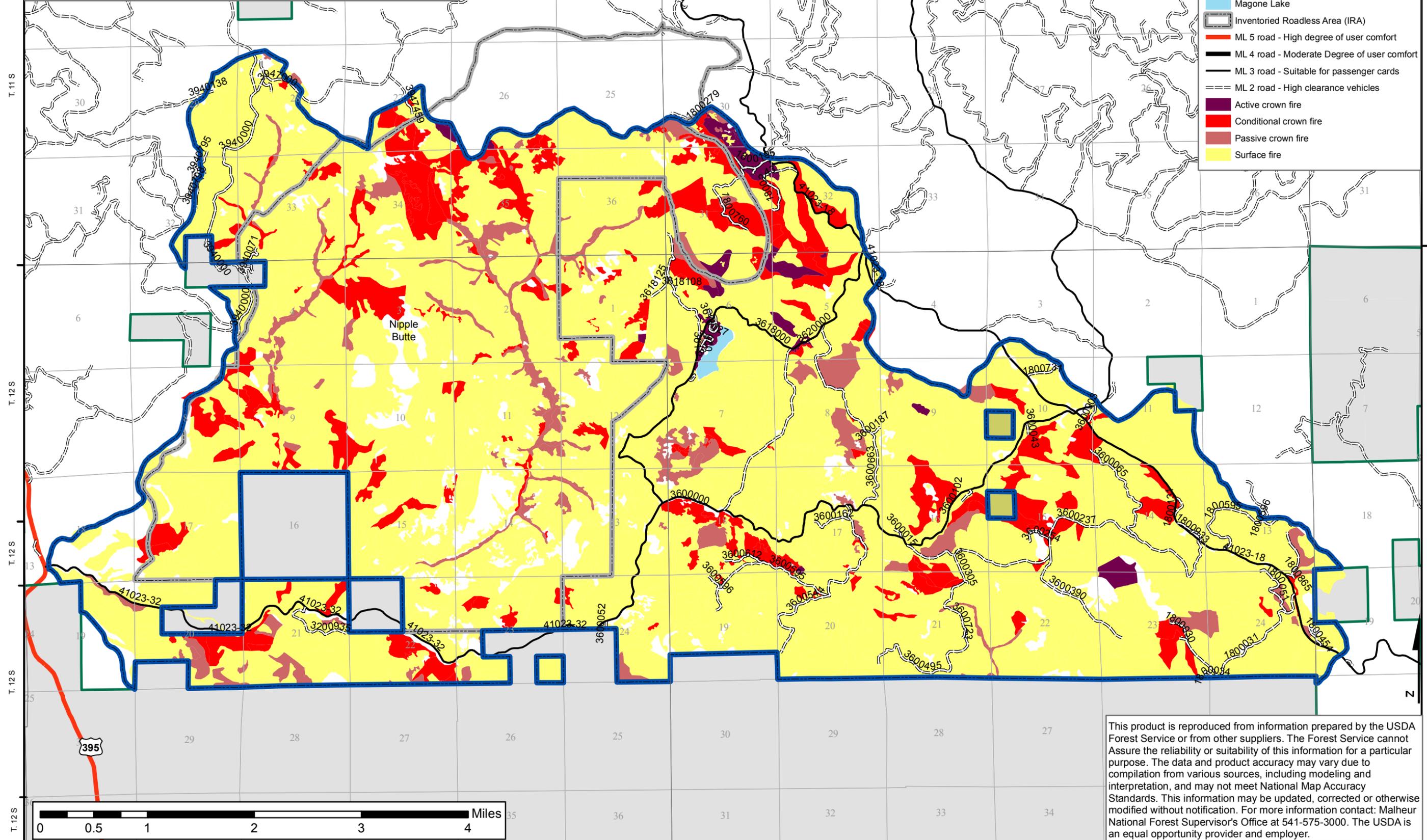
Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Active crown fire
- Conditional crown fire
- Passive crown fire
- Surface fire

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Map 22. Alternative 2 crown fire potential 2055



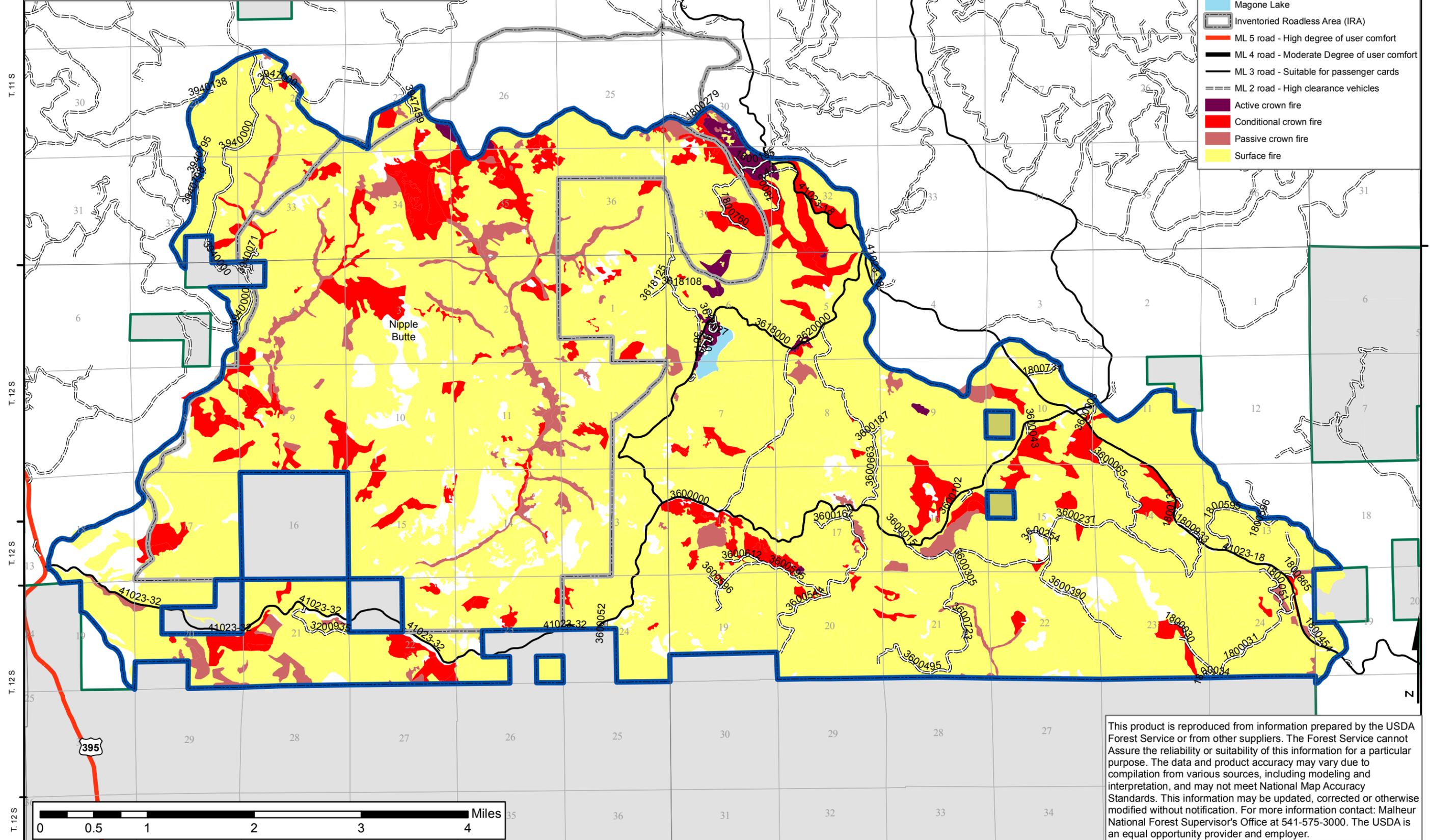
Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Active crown fire
- Conditional crown fire
- Passive crown fire
- Surface fire

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Map 23. Alternative 3 crown fire potential 2055



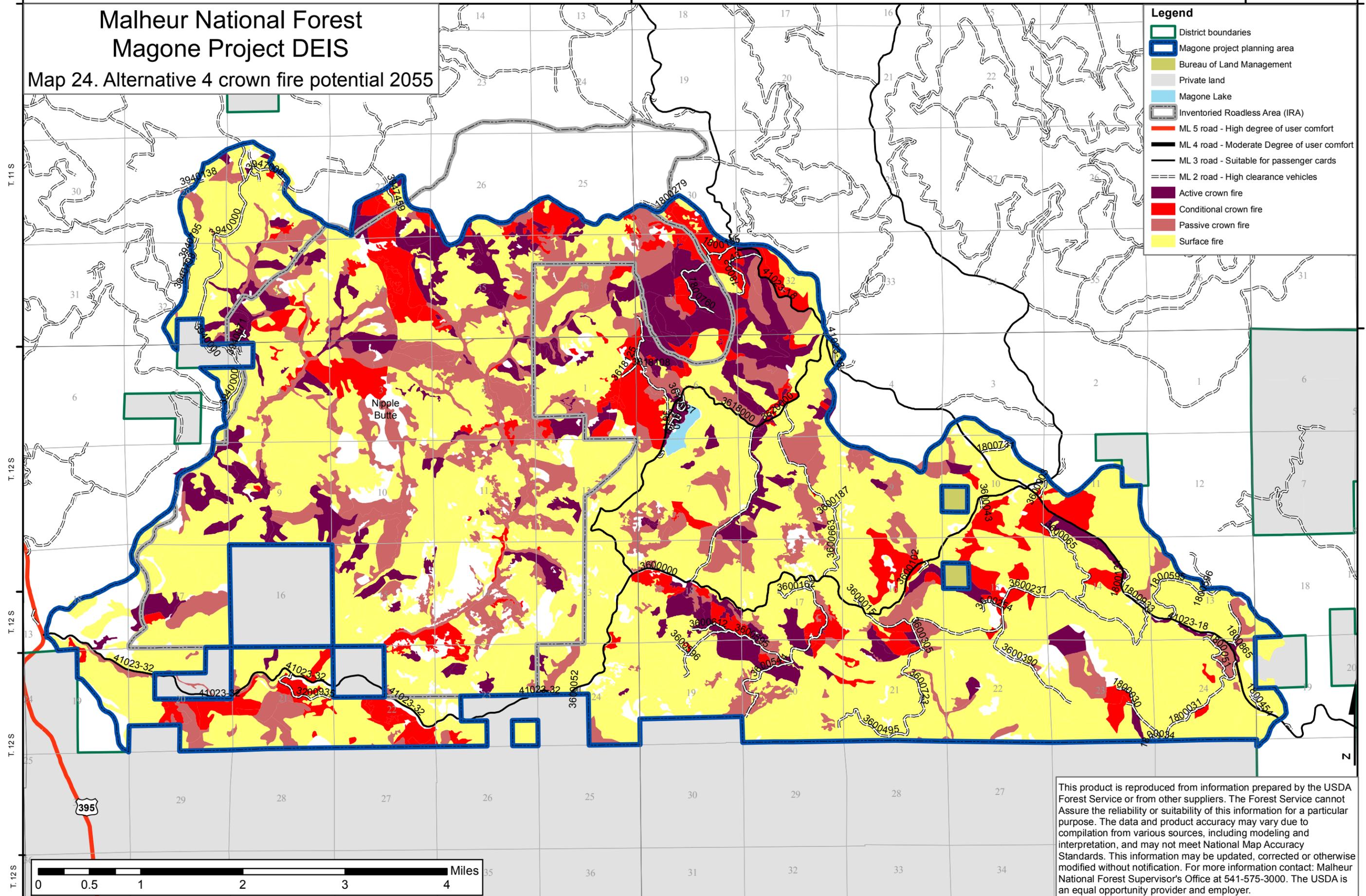
Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Active crown fire
- Conditional crown fire
- Passive crown fire
- Surface fire

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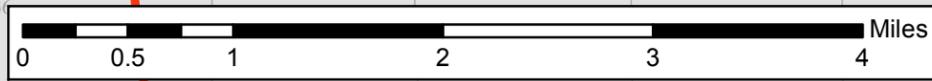
Map 24. Alternative 4 crown fire potential 2055



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- Active crown fire
- Conditional crown fire
- Passive crown fire
- Surface fire

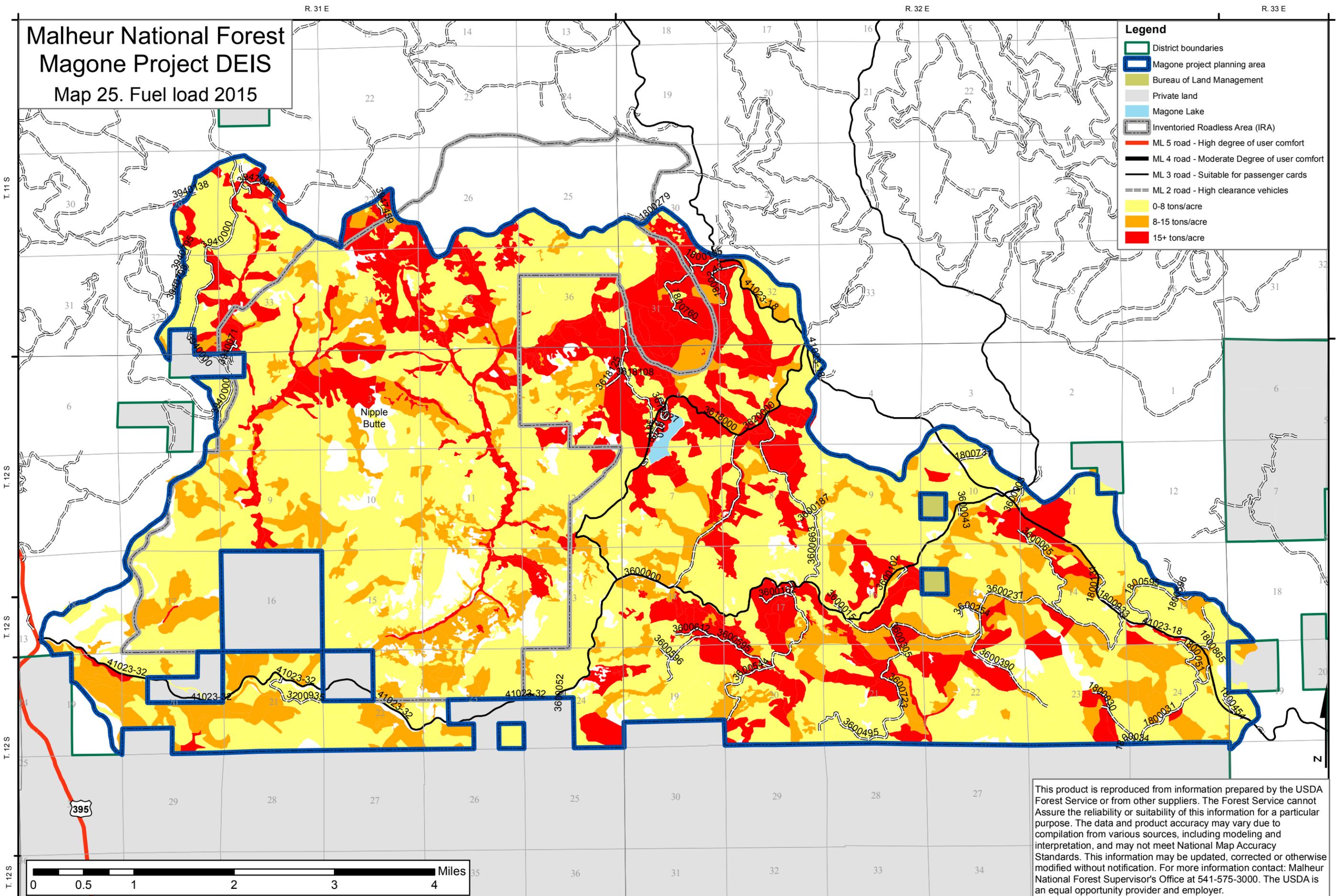
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Malheur National Forest Magone Project DEIS Map 25. Fuel load 2015

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 0-8 tons/acre
- 8-15 tons/acre
- 15+ tons/acre



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R. 31 E

R. 32 E

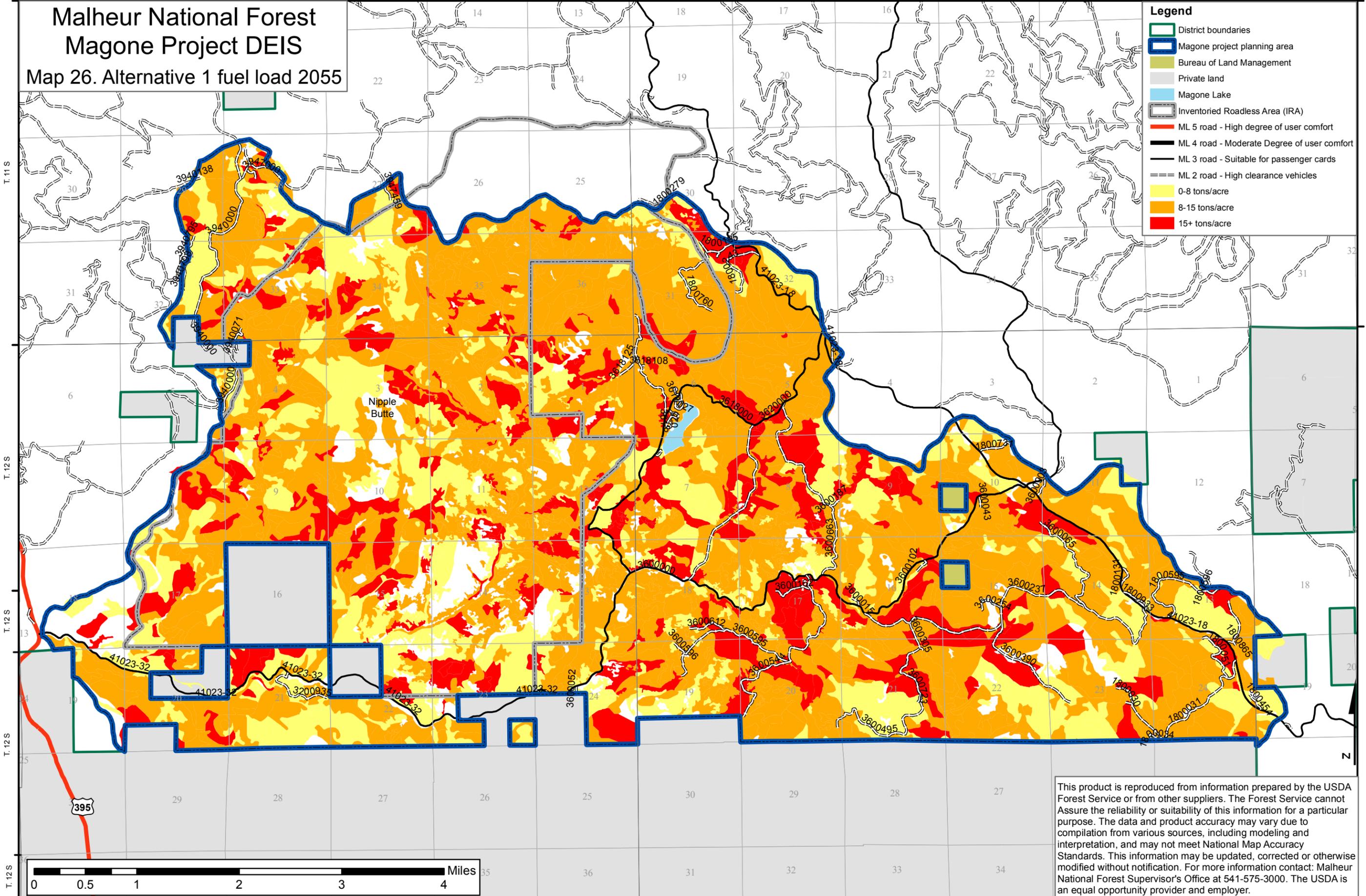
R. 33 E

Malheur National Forest Magone Project DEIS

Map 26. Alternative 1 fuel load 2055

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 0-8 tons/acre
- 8-15 tons/acre
- 15+ tons/acre



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R. 31 E

R. 32 E

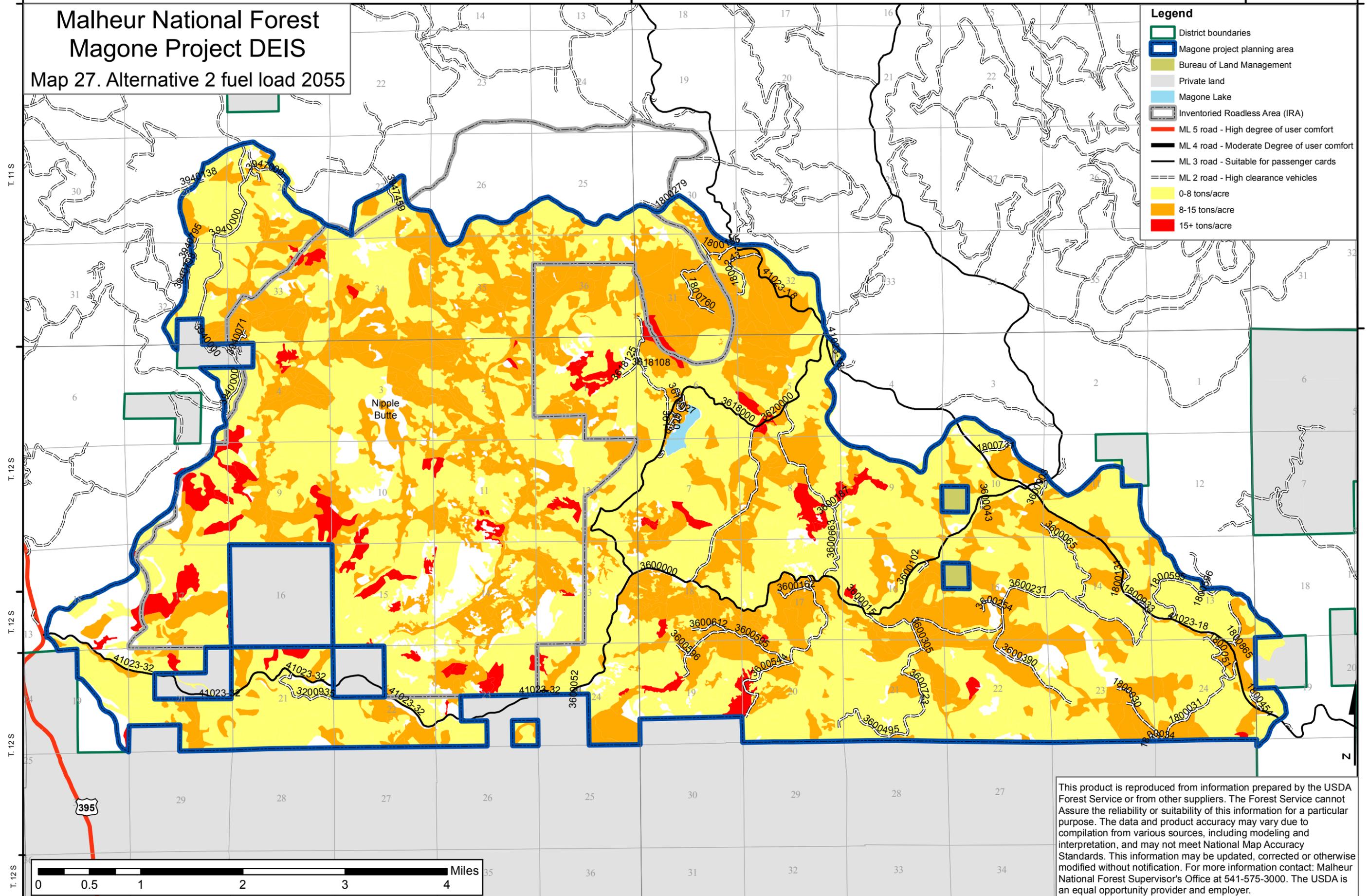
R. 33 E

Malheur National Forest Magone Project DEIS

Map 27. Alternative 2 fuel load 2055

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 0-8 tons/acre
- 8-15 tons/acre
- 15+ tons/acre



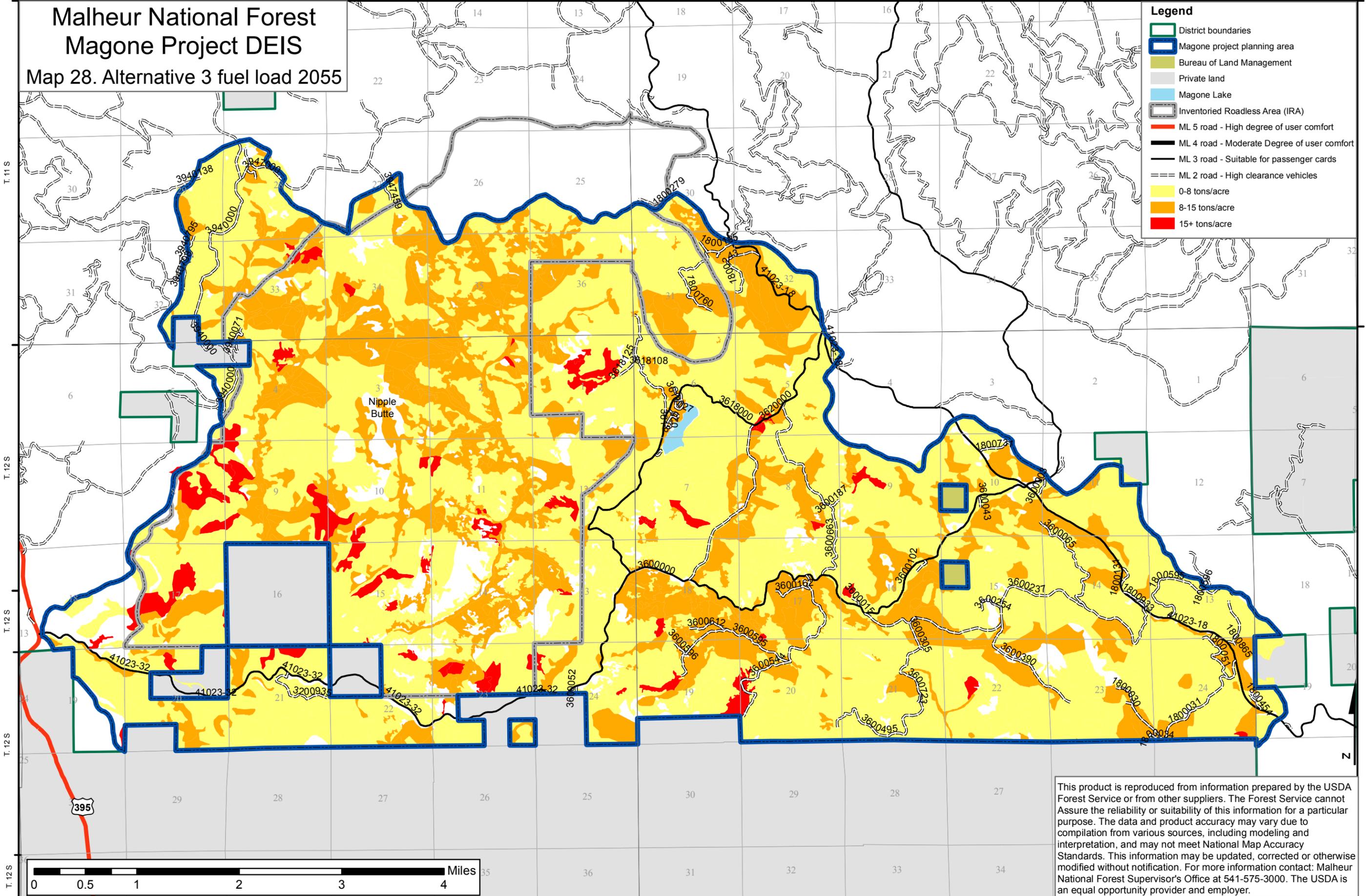
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Map 28. Alternative 3 fuel load 2055

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 0-8 tons/acre
- 8-15 tons/acre
- 15+ tons/acre



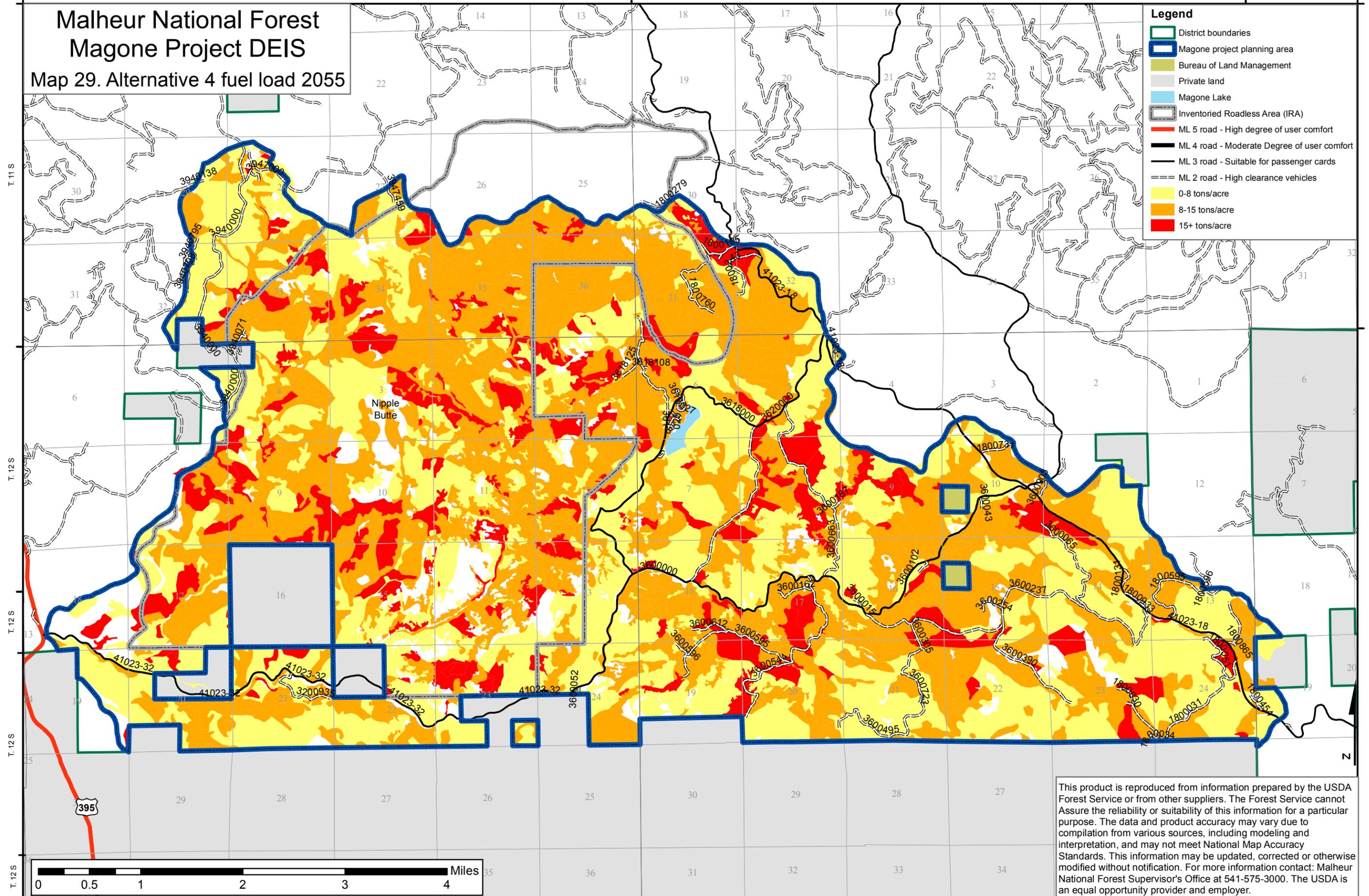
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Map 29. Alternative 4 fuel load 2055

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 0-8 tons/acre
- 8-15 tons/acre
- 15+ tons/acre



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Malheur National Forest Magone Project DEIS Map 30. Topography

R. 31 E

R. 32 E

R. 33 E

T. 11 S

T. 12 S

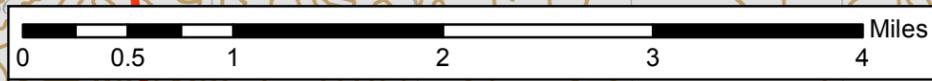
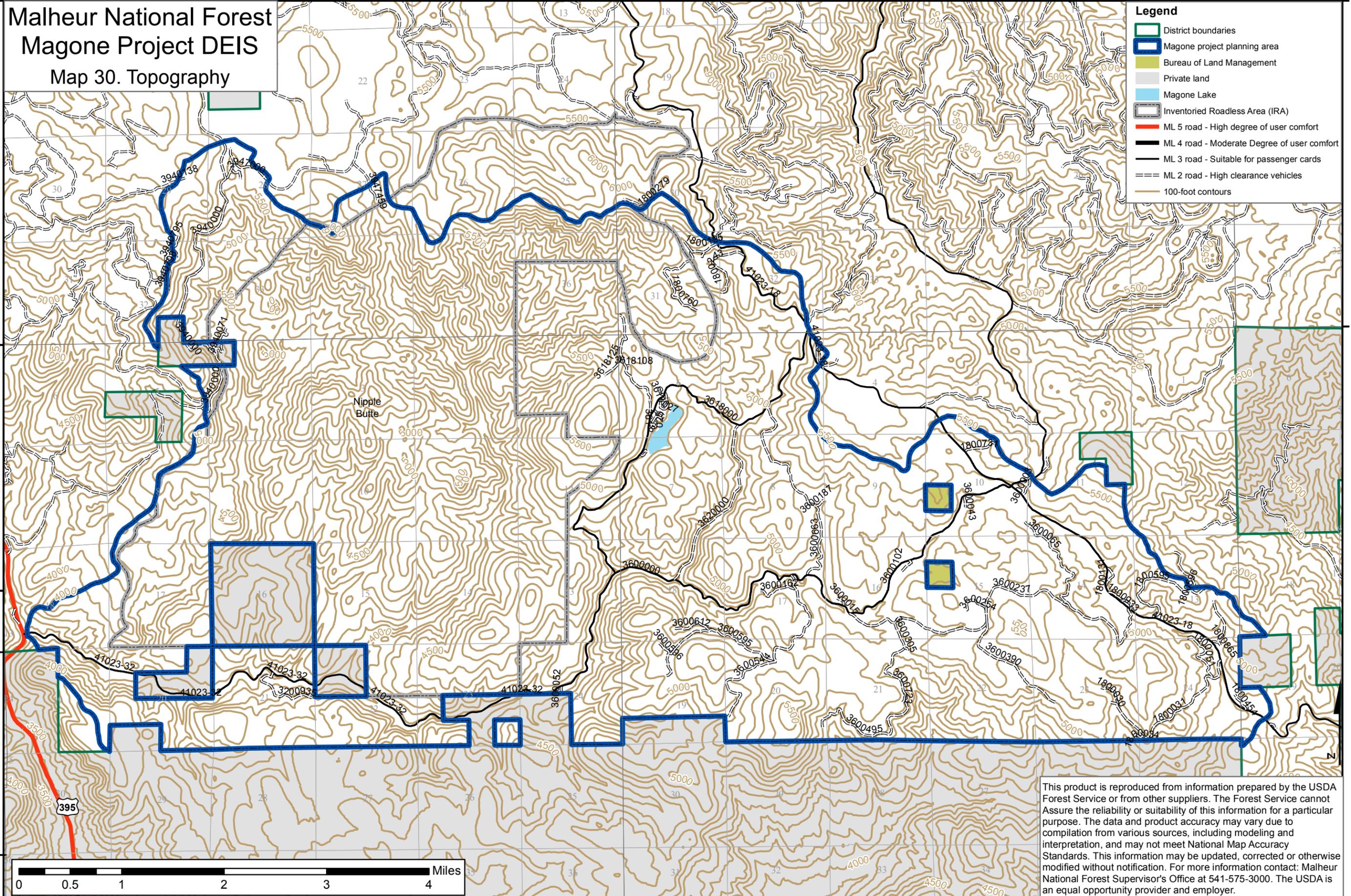
T. 12 S

T. 12 S

T. 12 S

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- 100-foot contours



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R. 30 E

R. 31 E

R. 32 E

R. 33 E

Malheur National Forest Magone Project DEIS

Map 31. Subwatersheds and streams

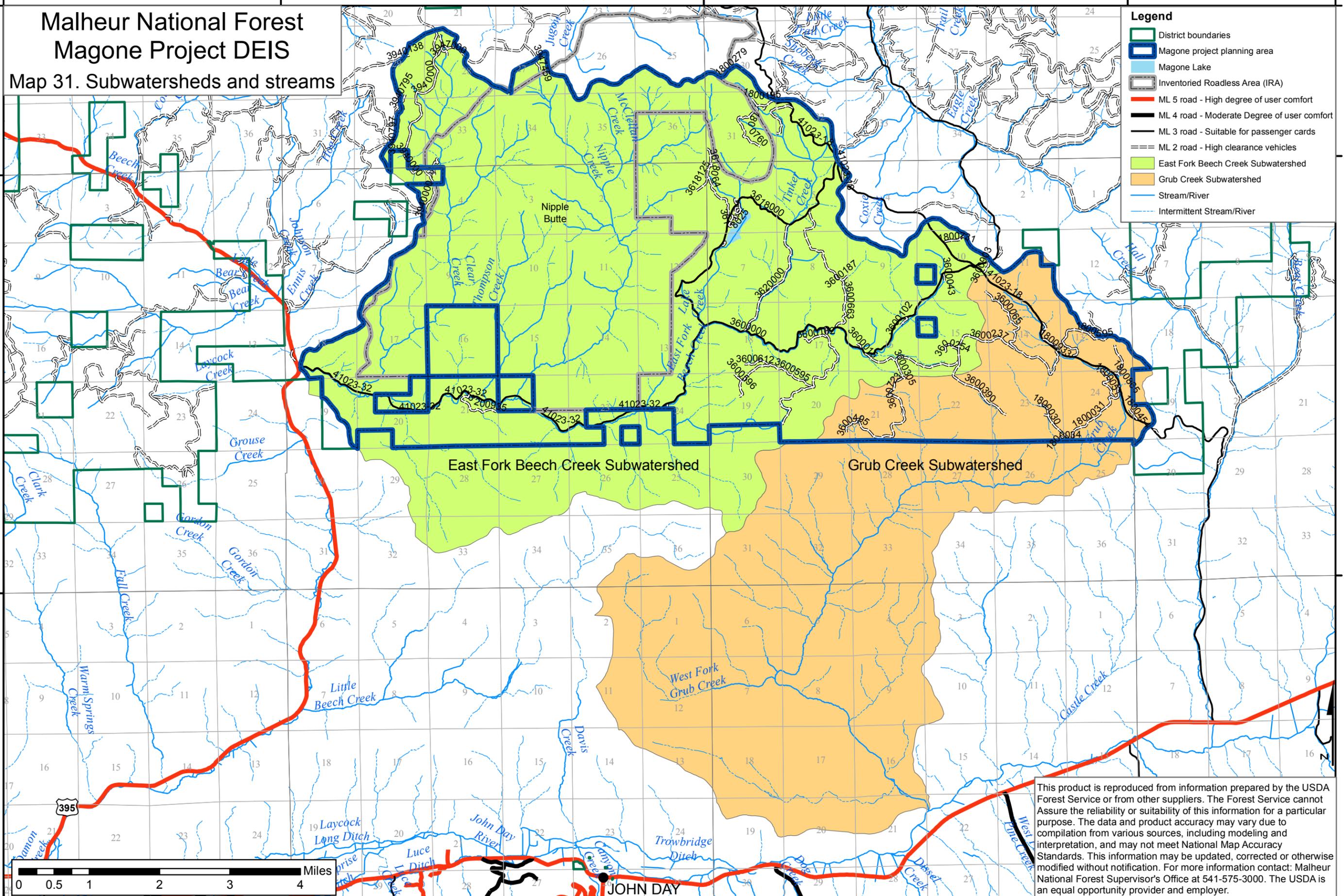
T. 11 S

T. 12 S

T. 13 S

Legend

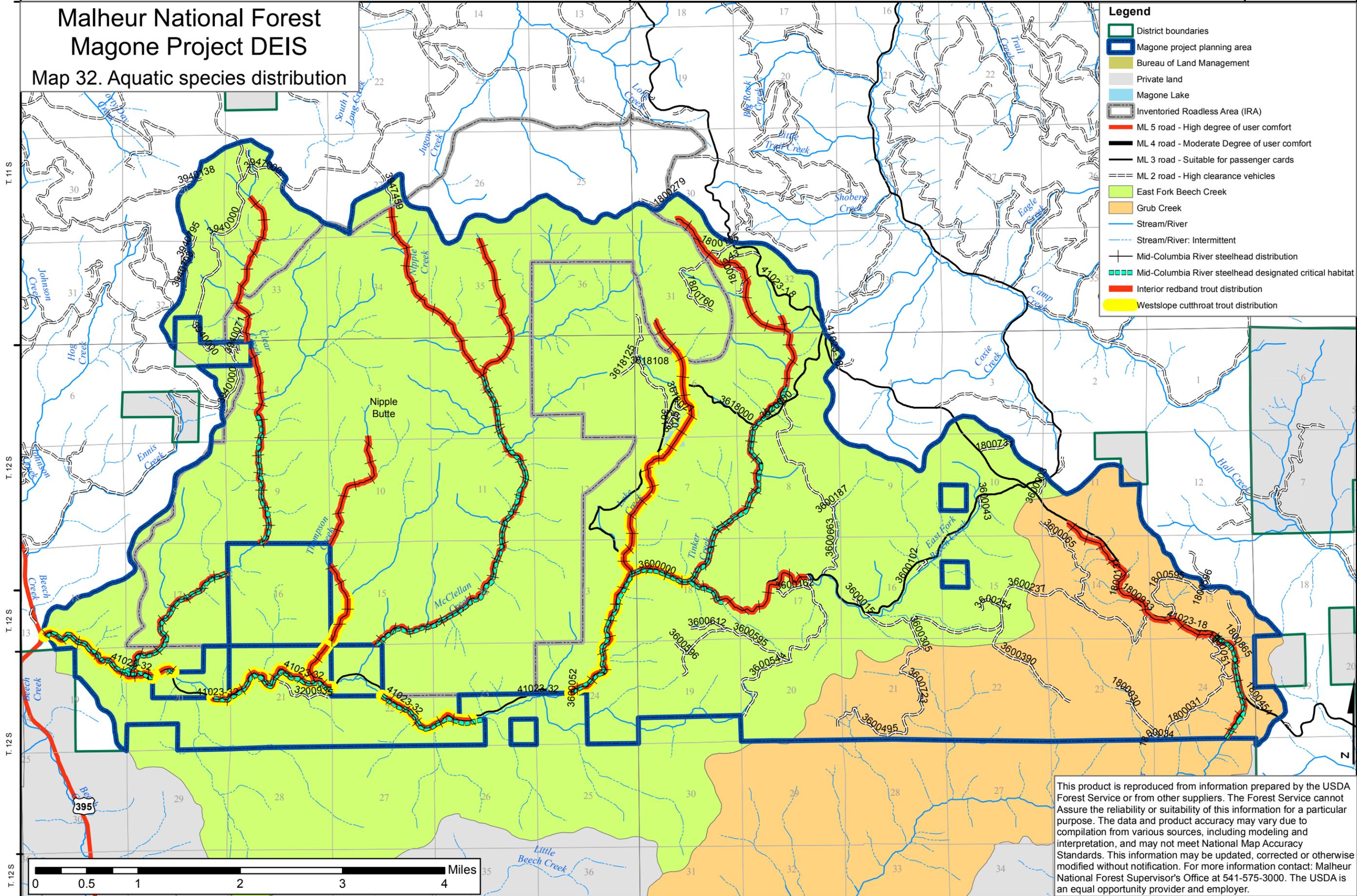
- District boundaries
- Magone project planning area
- Magone Lake
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles
- East Fork Beech Creek Subwatershed
- Grub Creek Subwatershed
- Stream/River
- Intermittent Stream/River



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Malheur National Forest Magone Project DEIS

Map 32. Aquatic species distribution



- Legend**
- District boundaries
 - Magone project planning area
 - Bureau of Land Management
 - Private land
 - Magone Lake
 - Inventoried Roadless Area (IRA)
 - ML 5 road - High degree of user comfort
 - ML 4 road - Moderate Degree of user comfort
 - ML 3 road - Suitable for passenger cards
 - ML 2 road - High clearance vehicles
 - East Fork Beech Creek
 - Grub Creek
 - Stream/River
 - Stream/River: Intermittent
 - Mid-Columbia River steelhead distribution
 - Mid-Columbia River steelhead designated critical habitat
 - Interior redband trout distribution
 - Westslope cutthroat trout distribution

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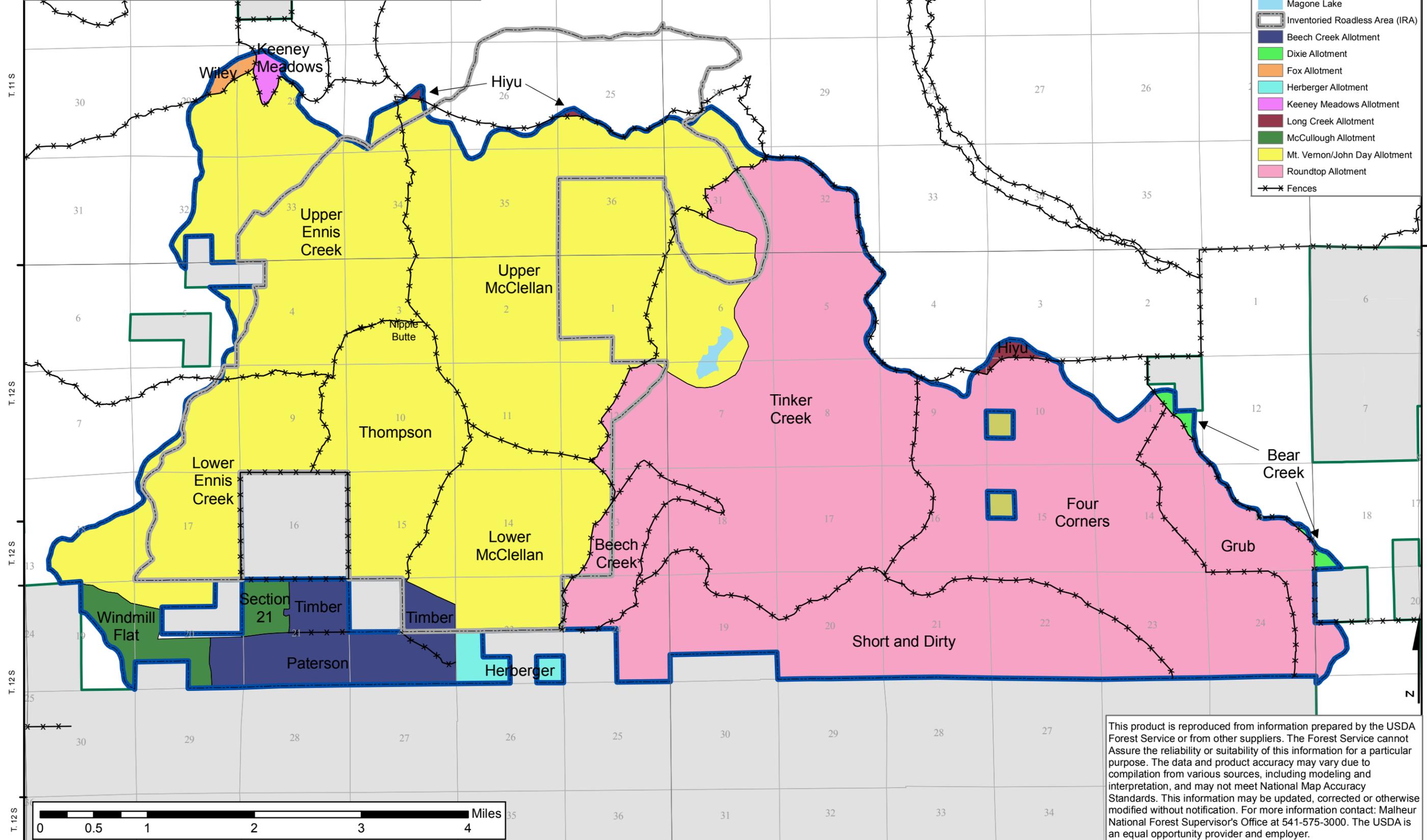
R. 31 E

R. 32 E

R. 33 E

Malheur National Forest Magone Project DEIS

Map 33. Range allotments, pastures, and fences



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Inventoried Roadless Area (IRA)
- Beech Creek Allotment
- Dixie Allotment
- Fox Allotment
- Herberger Allotment
- Keeney Meadows Allotment
- Long Creek Allotment
- McCullough Allotment
- Mt. Vernon/John Day Allotment
- Roundtop Allotment
- Fences

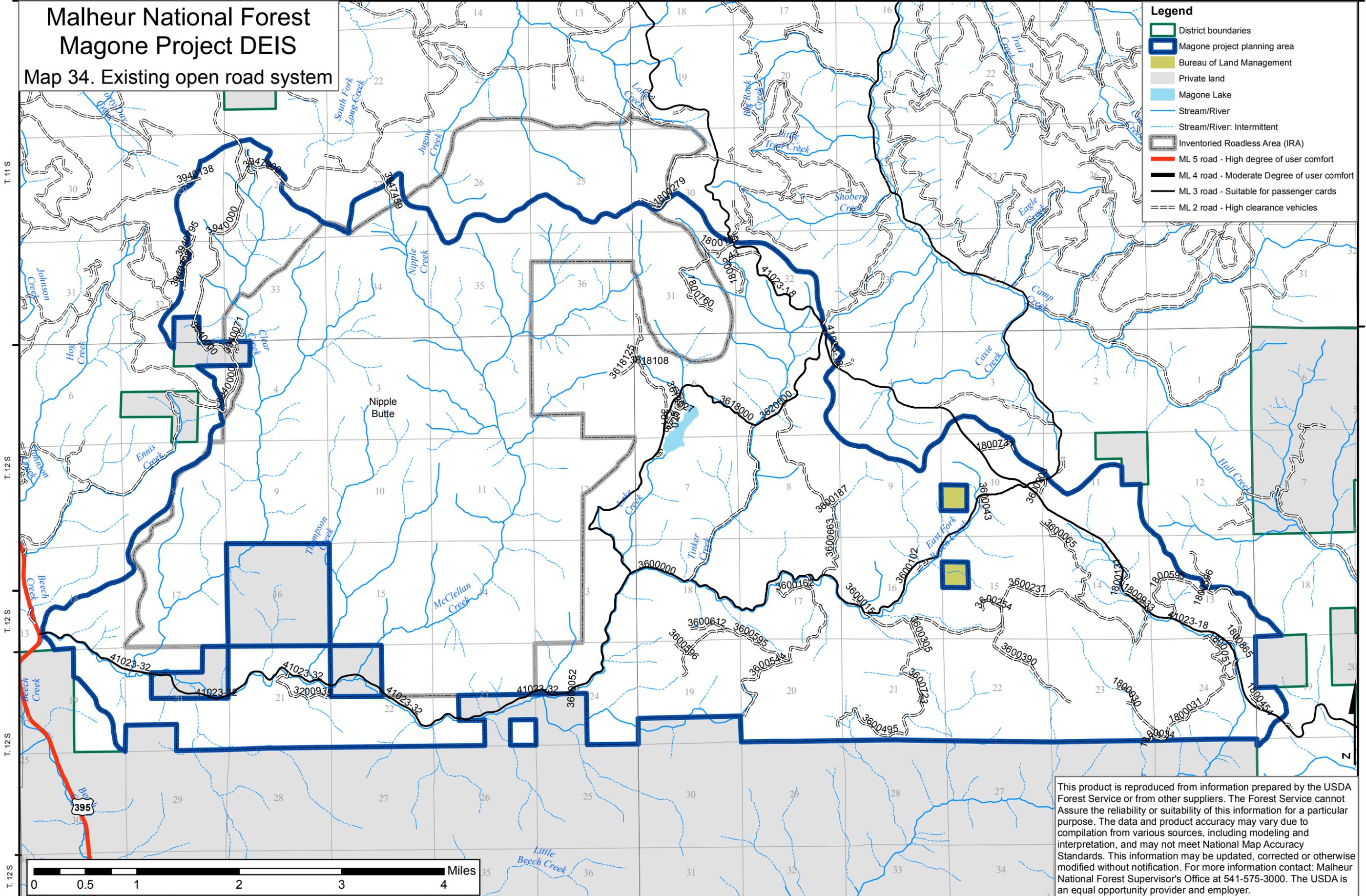
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Map 34. Existing open road system

Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Stream/River
- Stream/River: Intermittent
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles



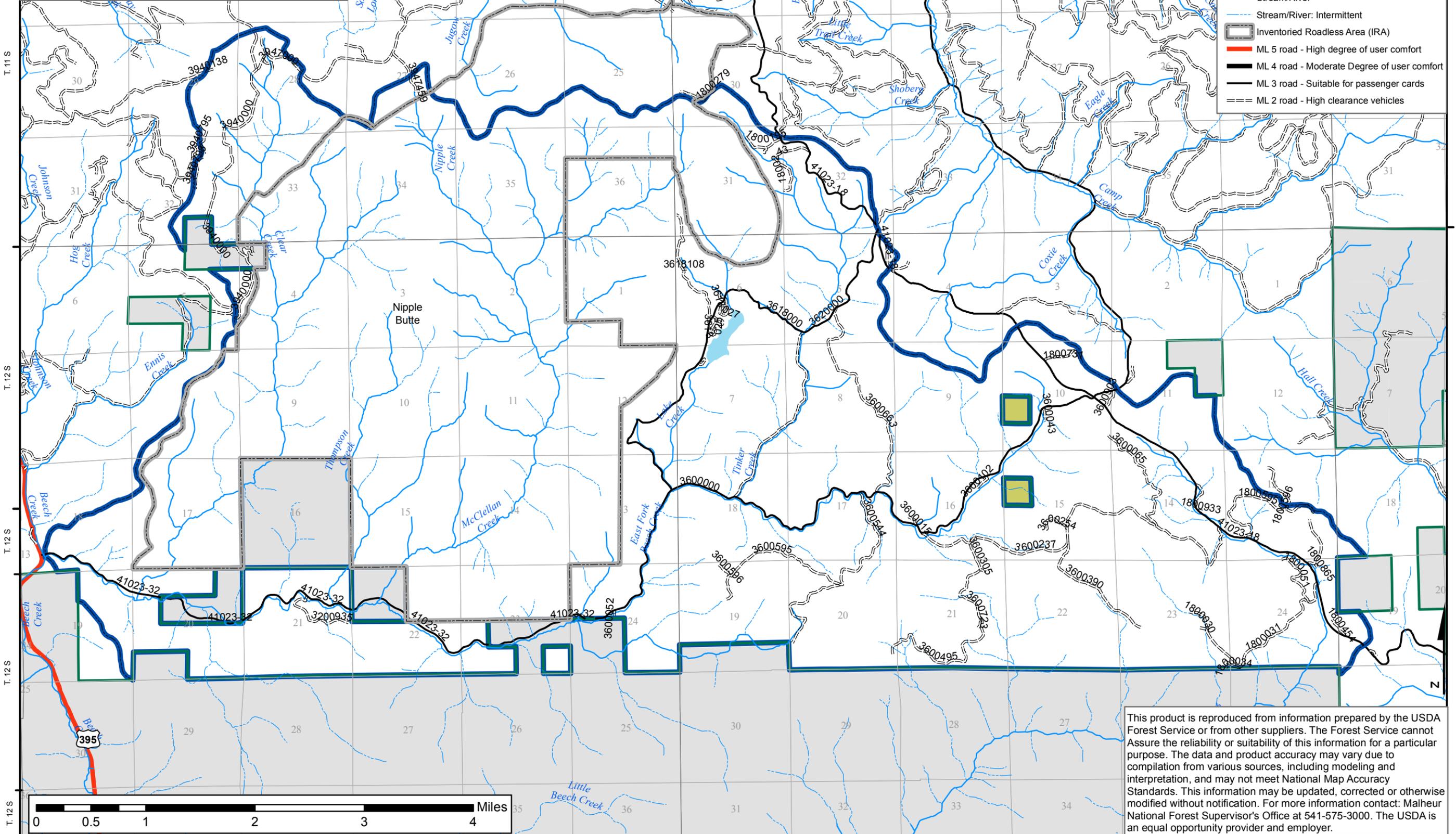
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Malheur National Forest Magone Project DEIS

Map 35. Alternative 2 open road system following project activities

Legend

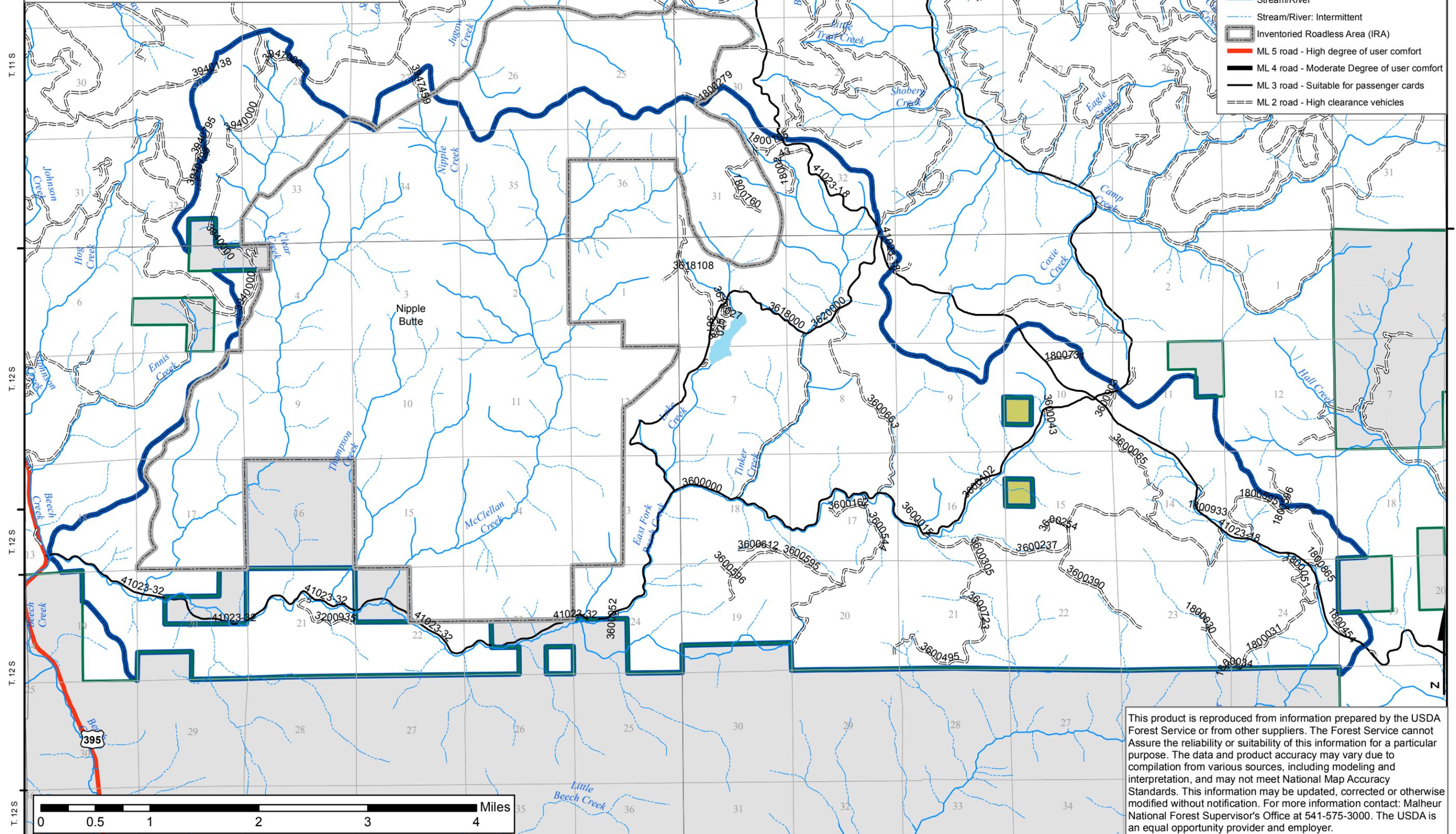
- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Stream/River
- Stream/River: Intermittent
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles



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Map 36. Alternatives 3 and 4 open road system following project activities



Legend

- District boundaries
- Magone project planning area
- Bureau of Land Management
- Private land
- Magone Lake
- Stream/River
- Stream/River: Intermittent
- Inventoried Roadless Area (IRA)
- ML 5 road - High degree of user comfort
- ML 4 road - Moderate Degree of user comfort
- ML 3 road - Suitable for passenger cards
- ML 2 road - High clearance vehicles

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Malheur National Forest Magone Project DEIS Map 37. Visual corridors

R. 31 E

R. 32 E

R. 33 E

T. 11 S

T. 12 S

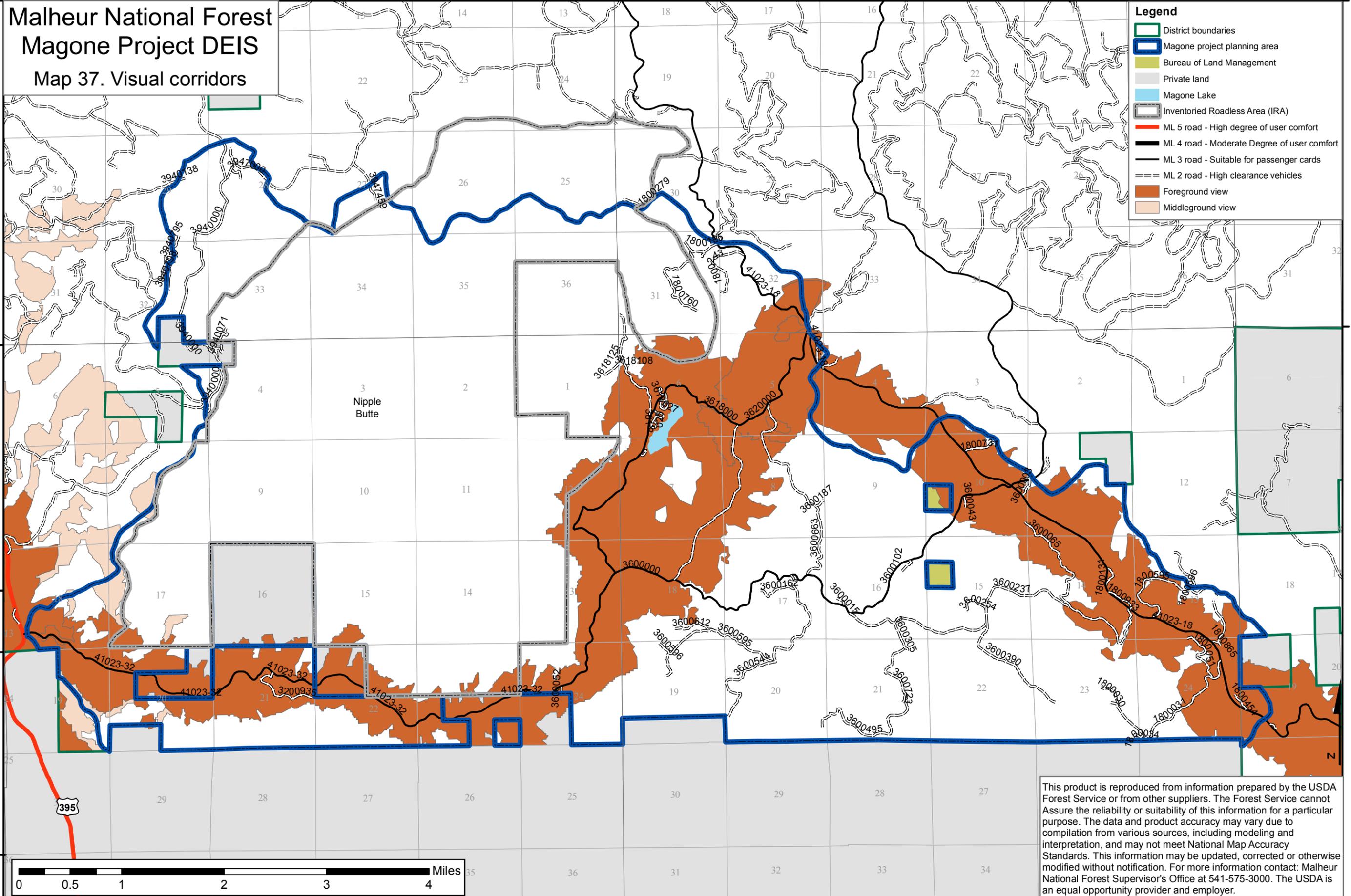
T. 12 S

T. 12 S

T. 12 S

Legend

-  District boundaries
-  Magone project planning area
-  Bureau of Land Management
-  Private land
-  Magone Lake
-  Inventoried Roadless Area (IRA)
-  ML 5 road - High degree of user comfort
-  ML 4 road - Moderate Degree of user comfort
-  ML 3 road - Suitable for passenger cards
-  ML 2 road - High clearance vehicles
-  Foreground view
-  Middleground view



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