

Appendix D

Kincaid's Lupine Two Kilometer Buffer Survey

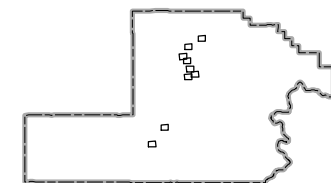
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Appendix D

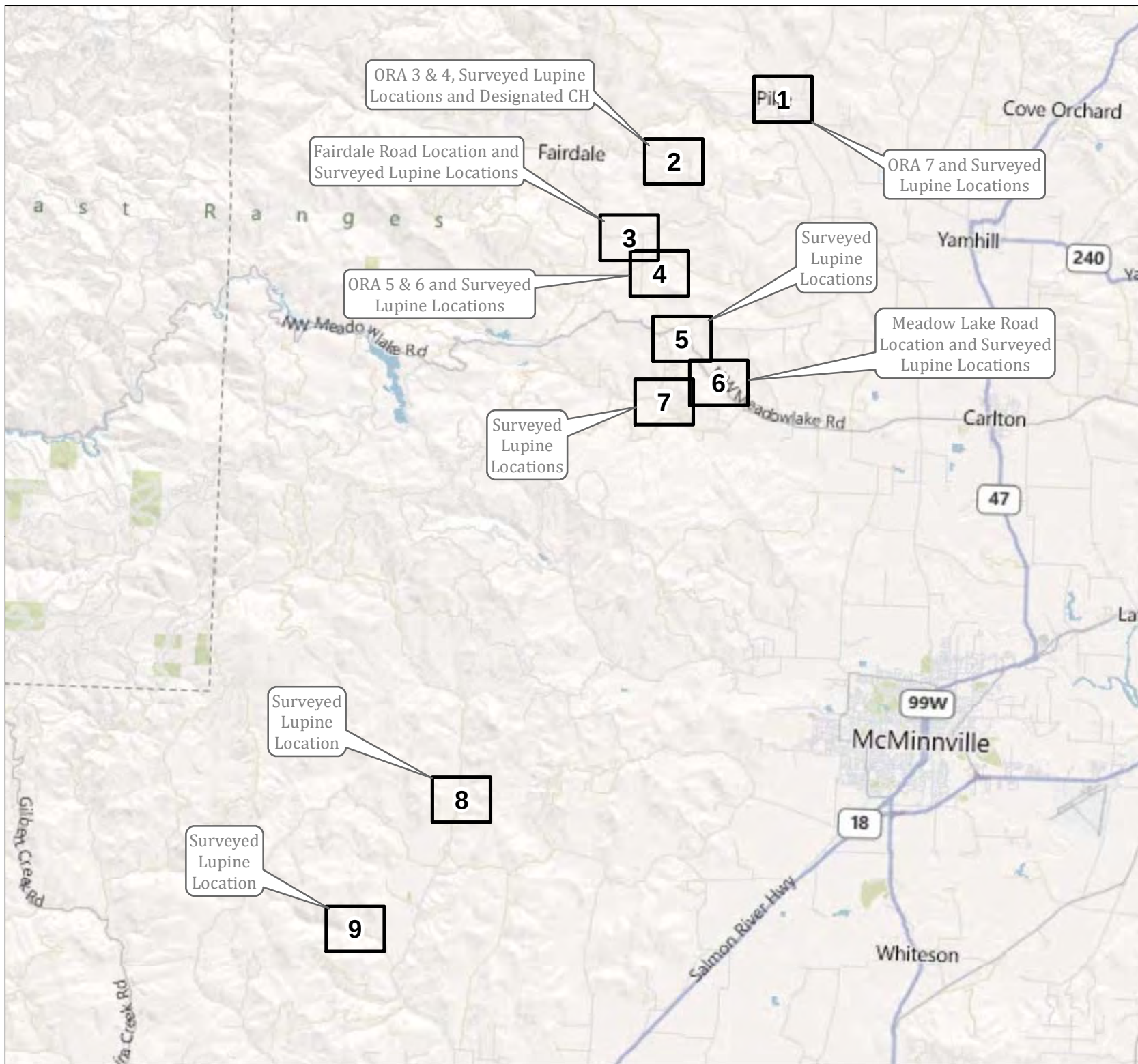
These maps identify where Kincaid's lupine was found during the 2 km buffer survey (June 29-30, 2011; Appendix B). The 2 km buffer survey was done at the request of U.S. Fish and Wildlife Service to identify additional Kincaid's lupine that occur in the Fender's blue butterfly's dispersal zone. Because these lupine occur within 2 km of known Fender's blue butterfly locations, they could potentially be colonized by the existing Fender's blue butterfly population. Each map in this appendix isolates a portion of Yamhill County where new Kincaid's lupine was identified. The location of these sites within Yamhill County can be identified by correlating the sheet number (e.g. Sheet 3) with the overview map or with the smaller county map(s) in the right-hand corner of the individual sheets. The following acronyms are used in these maps:

- GVA – Gopher Valley Area
- ORA – Oak Ridge Area

Appendix D Sheet Index



Yamhill County, Oregon

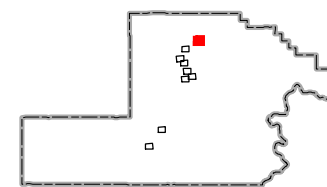


0 2.5 5 km

0 1 2 3 mi

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Additional Lupine Colonies
2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

Private



0 125 250 Meters

0 400 800 Feet

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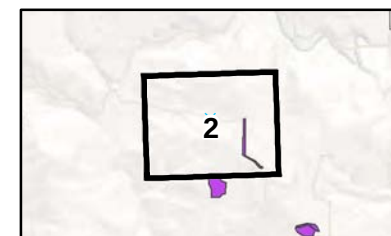


Appendix D Sheet 2

Additional Lupine Colonies 2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

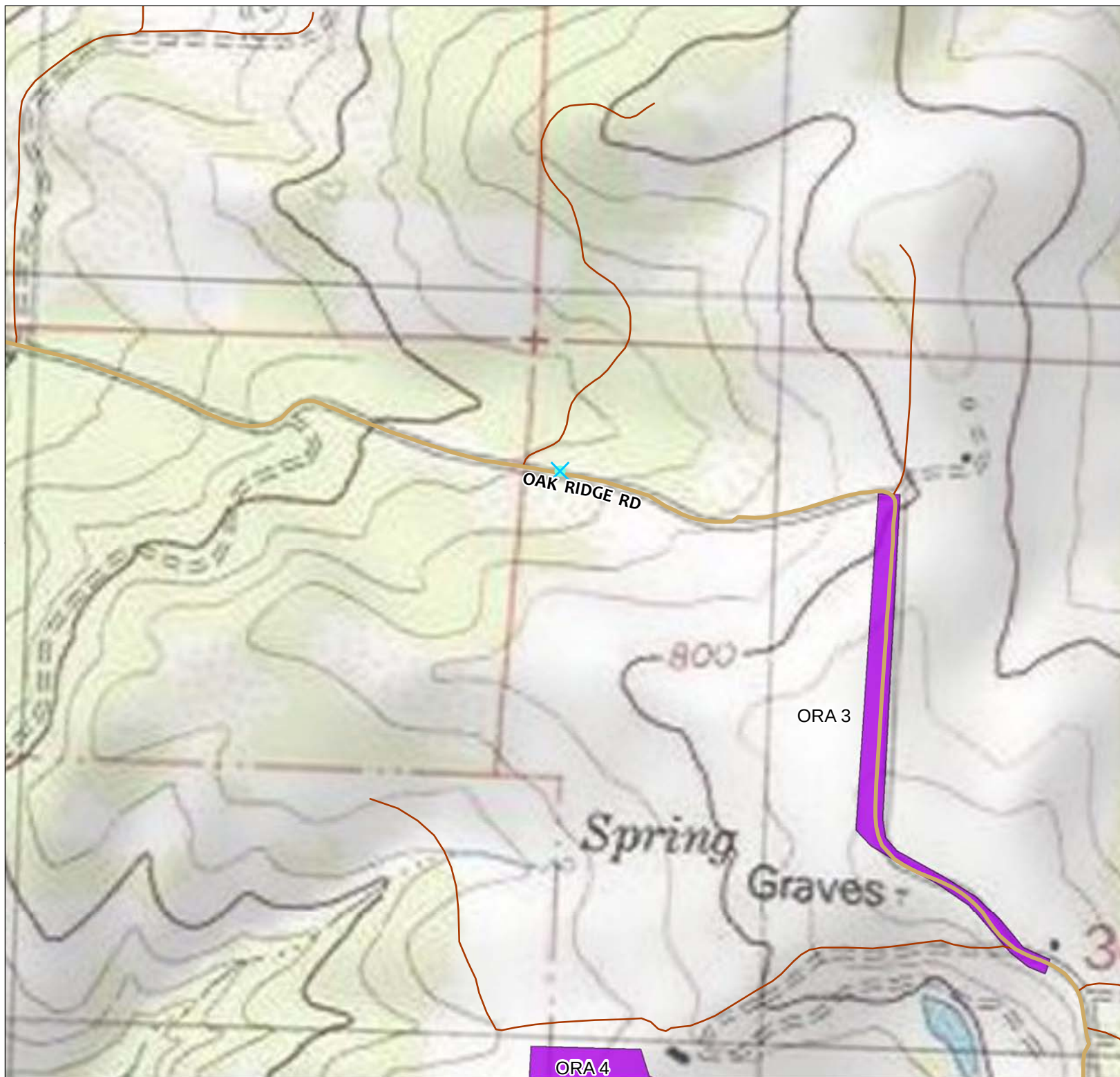
Private



0 125 250 Meters

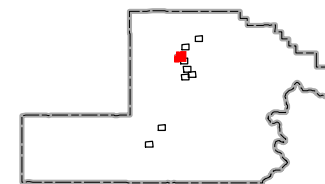
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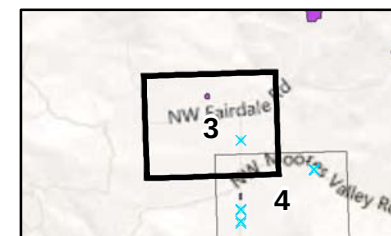


Appendix D Sheet 3

Additional Lupine Colonies 2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

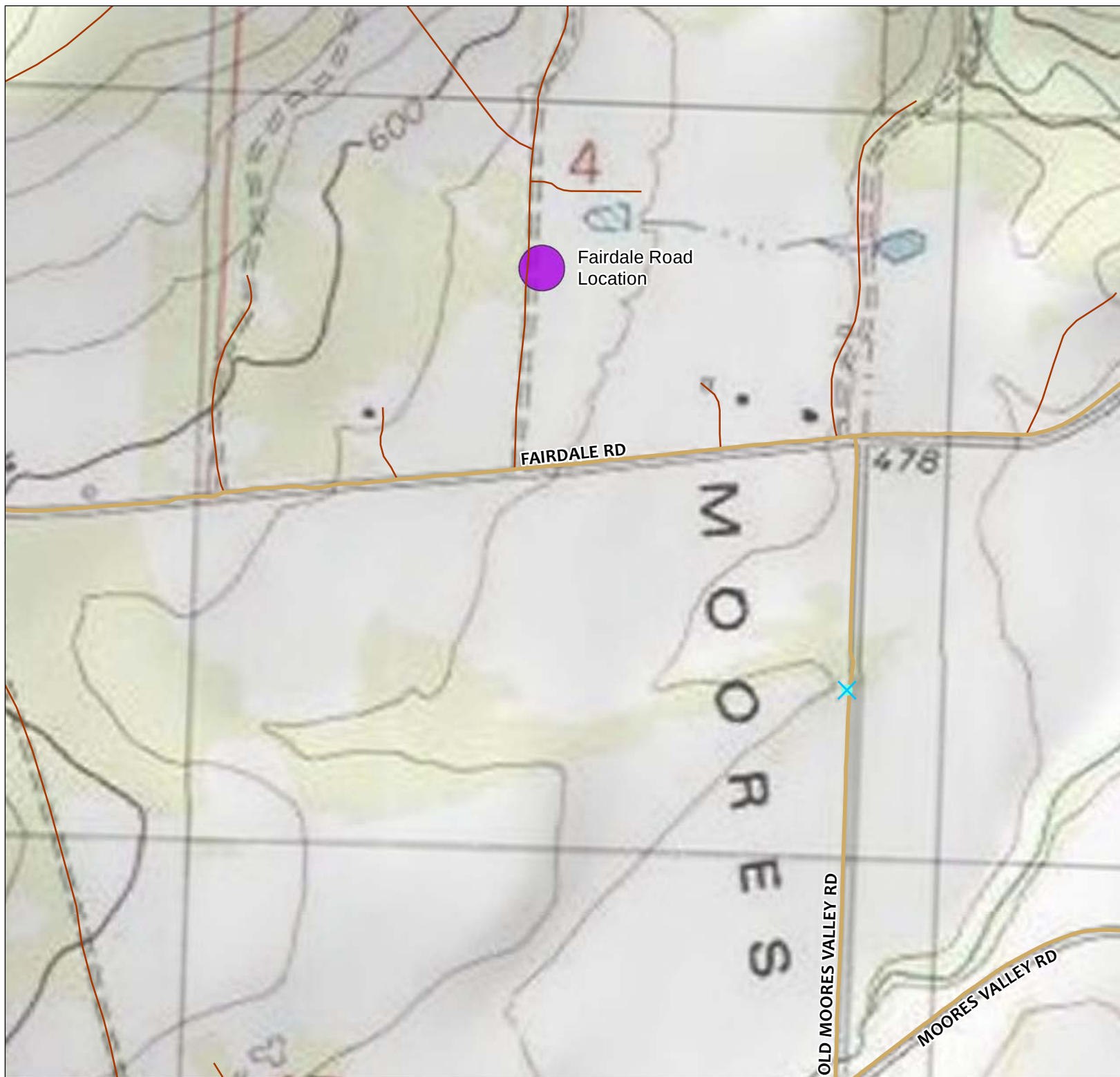
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0 125 250 Meters

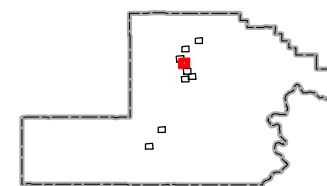
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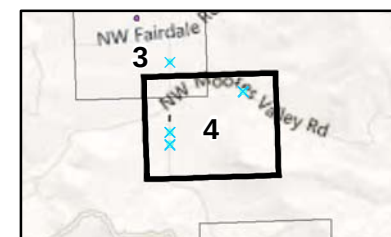


Appendix D Sheet 4

Additional Lupine Colonies 2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

Private



0 125 250 Meters

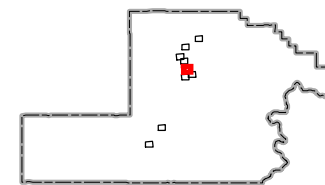
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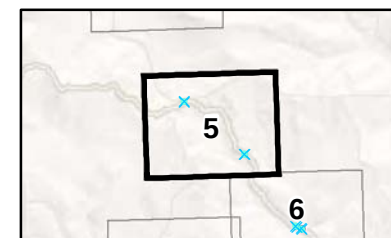


Appendix D Sheet 5

Additional Lupine Colonies 2011



Yamhill County, Oregon



Legend

Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

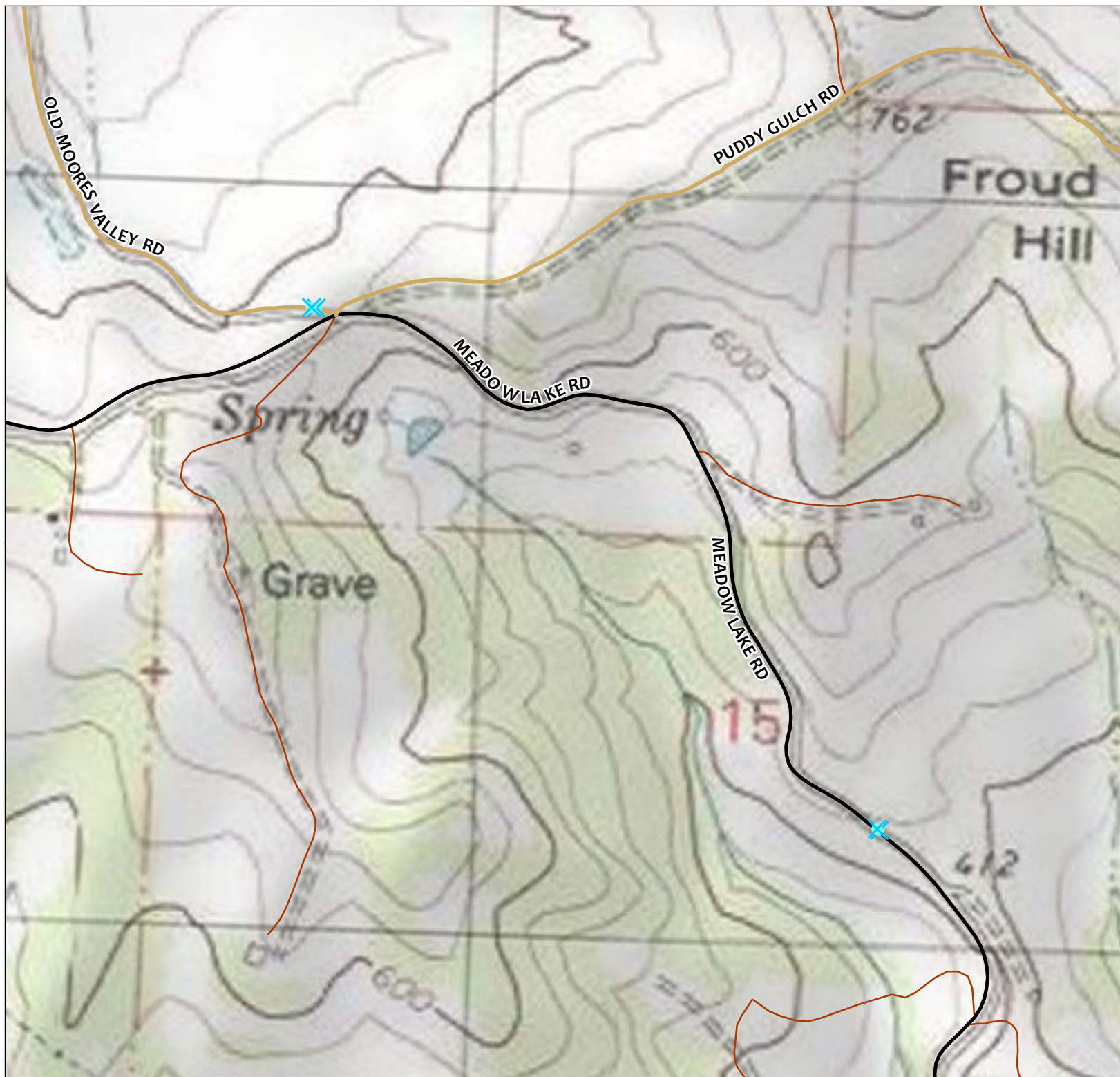
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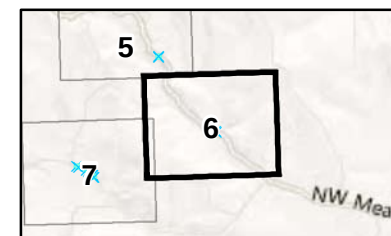


Appendix D
Sheet 6

Additional Lupine Colonies
2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

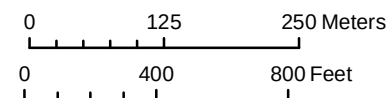
Roads (by Owner)

County Gravel Road

County Paved Road

Public

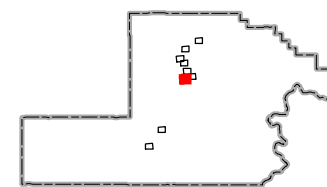
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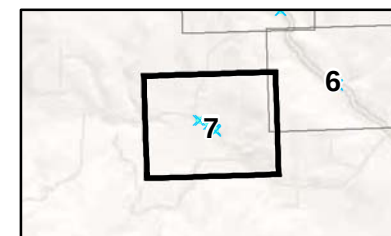
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Appendix D
Sheet 7

Additional Lupine Colonies
2011



Yamhill County, Oregon



Legend

✕ Surveyed Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

Private



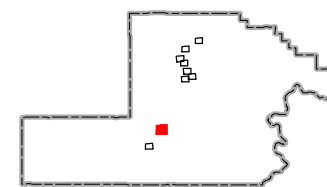
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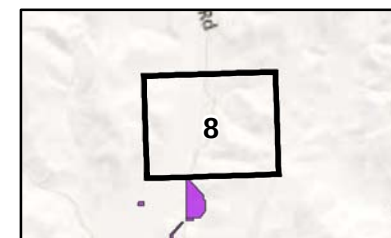
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Appendix D
Sheet 8

Additional Lupine Colonies
2011



Yamhill County, Oregon



Legend

✕ Surveied Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

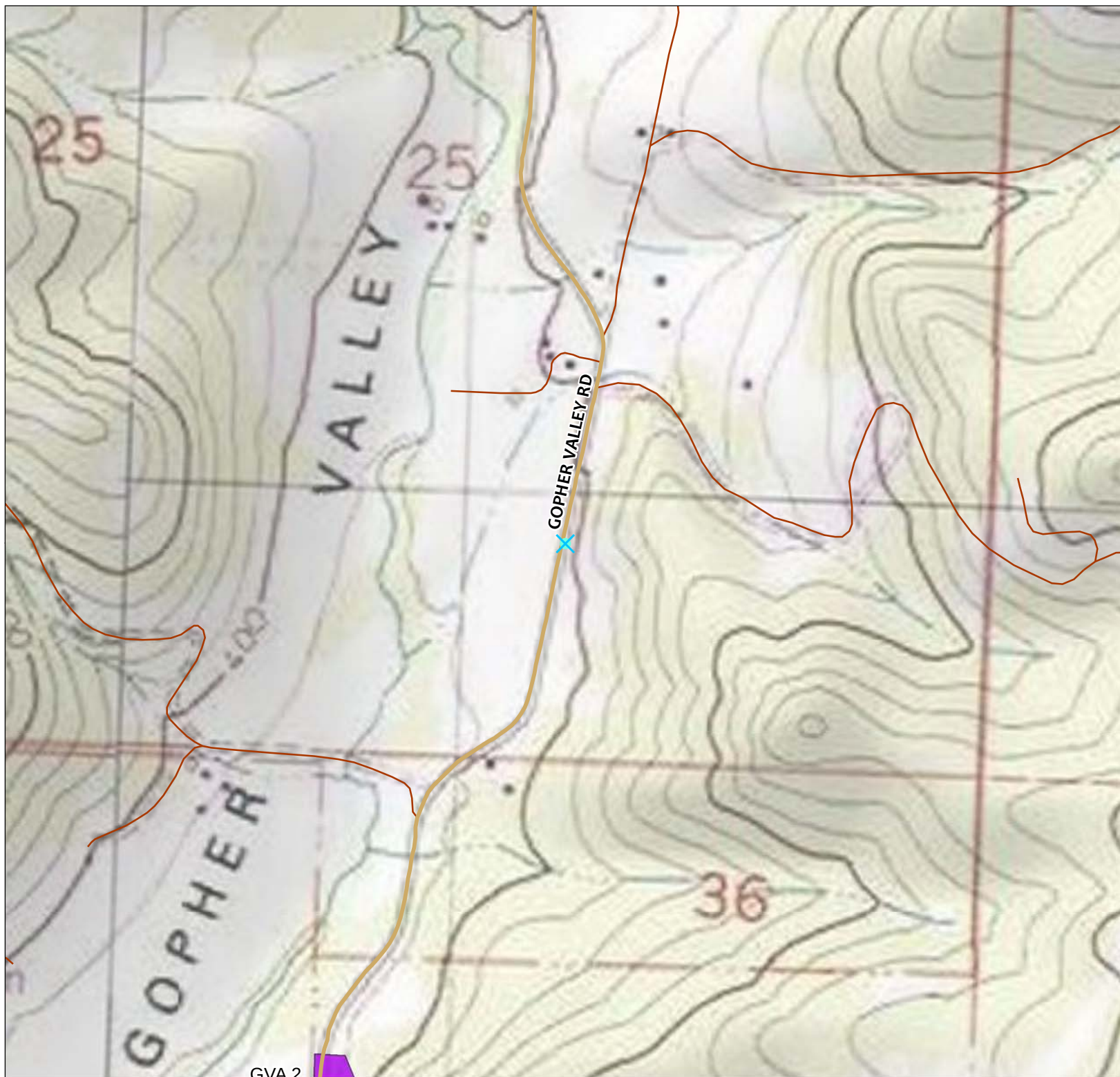
Private



0 125 250 Meters

0 400 800 Feet

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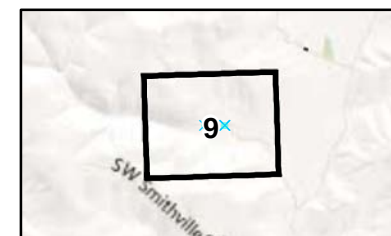


Appendix D
Sheet 9

Additional Lupine Colonies
2011



Yamhill County, Oregon



Legend

✕ Surveyed Kincaid's Lupine Locations

Known Fender's Blue Butterfly Sites

Roads (by Owner)

County Gravel Road

County Paved Road

Public

Private



0 125 250 Meters

0 400 800 Feet

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Appendix E

Yamhill County Roads

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Appendix E

The following table identifies all Yamhill County owned roads that were considered under this Habitat Conservation Plan (HCP).

Road Name	Length of Roads in Yamhill County Km (Miles)	Designated Fender's Blue Butterfly Critical Habitat Km (Miles)	Designated Kincaid's Lupine Critical Habitat Km (Miles)	USFWS Known Locations Km (Miles)	2 km Lupine Survey Locations Km (Miles)
11TH STREET (NEWBERG) ST	0.23 (0.15)	-	-	-	-
14th (RIVER) ST	0.5 (0.31)	-	-	-	-
2ND ST	0.49 (0.3)	-	-	-	-
ABBEY RD	5.58 (3.47)	-	-	-	-
ADCOCK RD	2.5 (1.56)	-	-	-	-
ADOLF RD	0.46 (0.28)	-	-	-	-
AGEE LN	0.36 (0.23)	0.09 (0.06)	0.09 (0.06)	0.04 (0.02)	-
AIRPORT RD	3.55 (2.21)	-	-	-	-
ALBERTSON RD	4.75 (2.95)	-	-	-	-
ALDERMAN RD	3.96 (2.46)	-	-	-	-
ALLEN RD	1.42 (0.88)	-	-	-	-
ANNA DR	0.56 (0.35)	-	-	-	-
ARCHERY SUMMIT RD	2.97 (1.84)	-	-	-	-
ARNOLD LN	0.45 (0.28)	-	-	-	-
ASH RD	1.01 (0.63)	-	-	-	-
ASPEN WAY	2.89 (1.8)	-	-	-	-
BACHELOR BLV	2.25 (1.4)	-	-	-	-
BAKER CREEK RD	12.93 (8.03)	-	-	-	-
BALD PEAK RD	9.82 (6.1)	-	-	-	-
BALLSTON RD	4.46 (2.77)	-	-	-	-
BAYLEY RD	1.62 (1.01)	-	-	-	-
BAYLISS RD	2.76 (1.72)	-	-	-	-
BEAVER CREEK RD	1.92 (1.19)	-	-	-	0.10 (0.06)
BELL RD	5.25 (3.26)	-	-	-	-
BELT RD	2.85 (1.77)	-	-	-	-
BENJAMIN RD	1.85 (1.15)	-	-	-	-
BENNETTE RD	0.45 (0.28)	-	-	-	-
BERNARDS RD	0.96 (0.6)	-	-	-	-
BERRY CREEK RD	3.37 (2.09)	-	-	-	-
BIENZ RD	0.21 (0.13)	-	-	-	-
BISHOP-SCOTT RD	6.07 (3.77)	-	-	-	-
BLACKBURN RD	1.47 (0.91)	-	-	-	-
BONY RD	1.2 (0.75)	-	-	-	-
BOOTH BEND RD	3.49 (2.17)	-	-	-	-
BOYER RD	0.72 (0.45)	-	-	-	-
BREYMAN ORCHARDS RD	2.9 (1.8)	-	-	-	-
BRIDGEFARMER RD	2.47 (1.54)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
BRIEDWELL RD	4.61 (2.86)	-	-	-	-
BROADMEAD RD	4.27 (2.65)	-	-	-	-
BROOKS LN	0.71 (0.44)	-	-	-	-
BUCK HOLLOW RD	2.26 (1.4)	-	-	-	-
BURCH HILL RD	0.88 (0.55)	-	-	-	-
BURNS RD	3.97 (2.47)	-	-	-	-
CADY RD	1.05 (0.65)	-	-	-	-
CALEB PAYNE RD	1.04 (0.64)	-	-	-	-
CALKINS LN	5.43 (3.37)	-	-	-	-
CAMELLIA DR	0.19 (0.12)	-	-	-	-
CANTER LN	1 (0.62)	-	-	-	-
CANYON RD	2.05 (1.28)	-	-	-	-
CANYONVIEW RD	1.28 (0.8)	-	-	-	-
CHEHALEM DR	6.27 (3.9)	-	-	-	-
CHERRY HILL RD	3.31 (2.05)	-	-	-	-
CHERRY RD	0.65 (0.4)	-	-	-	-
CHRISTENSEN RD	5.6 (3.48)	-	-	-	-
CHURCH RD	0.54 (0.34)	-	-	-	-
CLAY PIT RD	0.66 (0.41)	-	-	-	-
COAST CREEK RD	3.61 (2.24)	-	-	-	-
COLLEGE/WATERFRONT ST	1.27 (0.79)	-	-	-	-
COLUMBIA DR	0.39 (0.24)	-	-	-	-
CORRAL CREEK RD	7.47 (4.64)	-	-	-	-
COURTNEY RD	1.23 (0.77)	-	-	-	-
COVE ORCHARD RD	4.2 (2.61)	-	-	-	-
CRATER LN	1.32 (0.82)	-	-	-	-
CRAWFORD LN	1.93 (1.2)	-	-	-	-
CRESTVIEW DR	0.88 (0.54)	-	-	-	-
CRUICKSHANK RD	2.02 (1.25)	-	-	-	-
CRYSTAL VIEW CT	0.09 (0.06)	-	-	-	-
CULLEN RD	1.91 (1.19)	-	-	-	-
CUMMINS RD	1.5 (0.93)	-	-	-	-
CUNNINGHAM LN	1.31 (0.81)	-	-	-	-
CYPRESS LN	0.57 (0.35)	-	-	-	-
DANIELS ST	0.18 (0.11)	-	-	-	-
DAYTON AVE	2.22 (1.38)	-	-	-	-
DEACH RD	0.45 (0.28)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
DEER CREEK FLATS RD	1.61 (1)	-	-	-	-
DEER CREEK PARK RD	0.39 (0.24)	-	-	-	-
DEJONG RD	2.88 (1.79)	-	-	-	-
DELASHMUTT LN	5.31 (3.3)	-	-	-	-
DENT RD	1.23 (0.76)	-	-	-	-
DILLON RD	0.69 (0.43)	-	-	-	-
DOE RIDGE RD	0.7 (0.44)	-	-	-	-
DOG RIDGE RD	1.97 (1.22)	-	-	-	-
DONNELLY LN	2.52 (1.56)	-	-	-	-
DOPP RD	9.14 (5.68)	-	-	-	-
DORSEY RD	1.11 (0.69)	-	-	-	-
DUDLEY RD	1.32 (0.82)	-	-	-	-
DUNIWAY RD	2.79 (1.73)	-	-	-	-
DUPEE VALLEY RD	7.75 (4.82)	0.03 (0.02)	0.03 (0.02)	-	-
DURHAM LN	1.97 (1.22)	-	-	-	-
EAGEL POINT RD	3.69 (2.29)	-	-	-	-
EARLWOOD RD	2.04 (1.27)	-	-	-	-
EAST CREEK RD	9 (5.59)	-	-	-	-
EAST ROCK CREEK RD	1.19 (0.74)	-	-	-	-
ELEVENTH ST	0.94 (0.58)	-	-	-	-
ELLIS LN	0.33 (0.2)	-	-	-	-
EOLA HILLS RD	10.13 (6.29)	-	-	-	-
EVEREST ST	0.24 (0.15)	-	-	-	-
FAIRDALE RD	8.77 (5.45)	-	-	-	-
FAIRVIEW DR	8.75 (5.44)	-	-	-	-
FERNWOOD RD	2.85 (1.77)	-	-	-	-
FINN HILL RD	2.52 (1.56)	-	-	-	-
FINN LN	1.13 (0.7)	-	-	-	-
FINNEGAN HILL RD	2.92 (1.82)	-	-	-	-
FIR CREST RD	5.28 (3.28)	-	-	-	-
FLETCHER RD	1.61 (1)	-	-	-	-
FLETT RD	2.31 (1.44)	-	-	-	-
FLYING 'M' RD	1.96 (1.22)	-	-	-	-
FORD RD	2.47 (1.53)	-	-	-	-
FORT HILL RD	8.87 (5.51)	-	-	-	-
FOSTER RD	1.34 (0.83)	-	-	-	-
FOX FARM RD	1.6 (0.99)	-	-	-	-

Road Name	Length of Roads in Yamhill County Km (Miles)	Designated Fender's Blue Butterfly Critical Habitat Km (Miles)	Designated Kincaid's Lupine Critical Habitat Km (Miles)	USFWS Known Locations Km (Miles)	2 km Lupine Survey Locations Km (Miles)
FOXTRIDGE RD	1.69 (1.05)	-	-	-	-
FRENCH LN	0.93 (0.58)	-	-	-	-
FRYER RD	1.23 (0.77)	-	-	-	-
FRYS LN	0.85 (0.53)	-	-	-	-
FUERST LN	0.37 (0.23)	-	-	-	-
FULQUARTZ LANDING RD	3.91 (2.43)	-	-	-	-
GEELAN RD	0.92 (0.57)	-	-	-	-
GERRISH VALLEY RD	8.23 (5.11)	-	-	-	-
GILBERT CREEK RD	4.9 (3.04)	-	-	-	-
GOODIN CREEK RD	2.15 (1.34)	-	-	-	-
GOODRICH RD	2.66 (1.65)	-	-	-	-
GOPHER VALLEY RD	19.39 (12.05)	0.74 (0.46)	0.74 (0.46)	0.91 (0.58)	0.01 (0.01)
GRAHAM AVE	0.24 (0.15)	-	-	-	-
GRAND ISLAND LP	4.84 (3.01)	-	-	-	-
GRAND ISLAND RD	2.81 (1.75)	-	-	-	-
GRAND RONDE RD	3.07 (1.91)	-	-	-	-
GRAND RONDE SPUR RD	0.25 (0.16)	-	-	-	-
GRANDHAVEN DR	0.84 (0.52)	-	-	-	-
GRAUER RD	1.9 (1.18)	-	-	-	-
GRAVES RD	0.39 (0.24)	-	-	-	-
GREEN ACRE RD	4.01 (2.49)	-	-	-	-
GUENTHER RD	1.74 (1.08)	-	-	-	-
GUN CLUB RD	2.75 (1.71)	-	-	-	-
GUSA RD	0.34 (0.21)	-	-	-	-
HACKER RD	1.57 (0.97)	-	-	0.25 (0.16)	-
HADLEY RD	0.3 (0.19)	-	-	-	-
HAGEY RD	0.62 (0.39)	-	-	-	-
HARMONY RD	1.76 (1.09)	-	-	-	-
HASKINS CREEK RD	0.8 (0.5)	-	-	-	-
HAUGEN RD	3.81 (2.37)	-	-	-	-
HAWN CREEK RD	2.01 (1.25)	-	-	-	-
HEMBREE ST	0.71 (0.44)	-	-	-	-
HEMLOCK PL	0.08 (0.05)	-	-	-	-
HENDRICKS RD	5.76 (3.58)	-	-	-	-
HENRY RD	0.42 (0.26)	-	-	-	-
HERD RD	0.93 (0.58)	-	-	-	-
HIDDEN SPRINGS RD	1.19 (0.74)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
HIGH HEAVEN RD	6.29 (3.91)	-	-	-	-
HILL ROAD NORTH RD	5.9 (3.66)	-	-	-	-
HILL ROAD SOUTH RD	4.7 (2.92)	-	-	-	-
HILLSIDE DR	3.5 (2.18)	-	-	-	-
HIRTTERS LN	0.72 (0.45)	-	-	-	-
HOLLY HILL RD	1.65 (1.02)	-	-	-	-
HONEY LN	1.13 (0.7)	-	-	-	-
HOOD VIEW LN	1.05 (0.65)	-	-	-	-
HOOK AND EYE LN	2.79 (1.73)	-	-	-	-
HOPEWELL RD	2.92 (1.81)	-	-	-	-
HOUSER RD	1.2 (0.75)	-	-	-	-
HYLAND DR	0.32 (0.2)	-	-	-	-
HYLAND LN	0.13 (0.08)	-	-	-	-
ILAFERN LN	0.71 (0.44)	-	-	-	-
INDIAN CREEK RD	1.65 (1.02)	-	-	-	-
INGRAM LN	1.61 (1)	-	-	-	-
INTERVALE RD	1.55 (0.96)	-	-	-	-
JAQUITH RD	1.95 (1.21)	-	-	-	-
JERNSTEDT RD	1.88 (1.17)	-	-	-	-
JERUSALEM HILL RD	2.99 (1.86)	-	-	-	-
JOHNSON RD	0.59 (0.37)	-	-	-	-
KIMSEY RD	2.72 (1.69)	-	-	-	-
KINCAID RD	0.83 (0.52)	-	-	-	-
KINGS GRADE RD	5.74 (3.56)	-	-	-	-
KINNEY RD	1.34 (0.83)	-	-	-	-
KIRKWOOD RD	1.63 (1.01)	-	-	-	-
KRAMIEN RD	3.81 (2.37)	-	-	-	-
KREDER RD	3.47 (2.16)	-	-	-	-
KRONO RD	0.7 (0.44)	-	-	-	-
KUEHNE RD	2.81 (1.74)	-	-	-	-
KUTCH RD	2.36 (1.47)	-	-	-	-
KUYKENDALL RD	1.55 (0.96)	-	-	-	-
LACHANCE RD	1.15 (0.72)	-	-	-	-
LAFAYETTE HWY	3.31 (2.06)	-	-	-	-
LAKE SIDE DR	1.04 (0.65)	-	-	-	-
LANCEFIELD RD	2.96 (1.84)	-	-	-	-
LARKINS RD	0.91 (0.57)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
LATHAM RD	3.58 (2.23)	-	-	-	-
LAUGHLIN RD	6.81 (4.23)	-	-	-	-
LAWSON LN	0.41 (0.26)	-	-	-	-
LEANDER DR	1.67 (1.04)	-	-	-	-
LEBOLD RD	0.49 (0.3)	-	-	-	-
LEWIS ROGERS LN	2.35 (1.46)	-	-	-	-
LILAC HILL RD	1.54 (0.96)	-	-	-	-
LINCOLN AVE	1.56 (0.97)	-	-	-	-
LOCKS LOOP RD	0.42 (0.26)	-	-	-	-
LOCKS RD	1.65 (1.02)	-	-	-	-
LOGANBERRY LN	4.72 (2.93)	-	-	-	-
LONE OAK NORTH RD	1.04 (0.65)	-	-	-	-
LOOP RD	3.01 (1.87)	-	-	-	-
LOWER ISLAND RD	3.84 (2.39)	-	-	-	-
LUOTO LN	0.37 (0.23)	-	-	-	-
MAGNESS RD	1.31 (0.81)	-	-	-	-
MAIN ST	0.49 (0.3)	-	-	-	-
MALLARD LN	2.06 (1.28)	-	-	-	-
MASONVILLE RD	12.92 (8.03)	-	-	-	-
MATTESON RD	1.45 (0.9)	-	-	-	-
MATTEY LN	0.63 (0.39)	-	-	-	-
MCBRIDE CEMETERY RD	2.9 (1.8)	-	-	-	-
MCCABE CHAPEL RD	2.44 (1.52)	-	-	-	-
MCCORMICK HILL RD	1.71 (1.06)	-	-	-	-
MCDUGAL RD	3.43 (2.13)	-	-	-	-
MCKEE RD	2.55 (1.59)	-	-	-	-
MCKIBBEN RD	1.11 (0.69)	-	-	-	-
MCKINLEY LN	0.37 (0.23)	-	-	-	-
MCLOUGHLIN DR	0.94 (0.59)	-	-	-	-
MEADOW LAKE RD	17.11 (10.63)	-	-	0.06 (0.04)	-
MELOTT RD	1.62 (1.01)	-	-	-	-
MERCHANT RD	0.48 (0.3)	-	-	-	-
MILL CREEK RD	3.13 (1.94)	-	-	-	-
MILLICAN RD	0.64 (0.4)	-	-	-	-
MINERAL SPRINGS RD	6.45 (4.01)	-	-	-	-
MODAFFARI RD	0.48 (0.3)	-	-	-	-
MOORES VALLEY RD	16 (9.94)	-	-	0.05 (0.03)	0.01 (0.01)

Road Name	Length of Roads in Yamhill County Km (Miles)	Designated Fender's Blue Butterfly Critical Habitat Km (Miles)	Designated Kincaid's Lupine Critical Habitat Km (Miles)	USFWS Known Locations Km (Miles)	2 km Lupine Survey Locations Km (Miles)
MORELLI DR	1.27 (0.79)	-	-	-	-
MORGAN LN	0.39 (0.24)	-	-	-	-
MOUNTAIN HOME RD	1.83 (1.14)	-	-	-	-
MOUNTAIN TOP RD	8.05 (5)	-	-	-	-
MOUTAINVIEW DR	1.52 (0.95)	-	-	-	-
MT RICHMOND RD	7.92 (4.92)	-	-	-	-
MUDDY VALLEY RD	6.48 (4.02)	-	0.02 (0.01)	-	-
NECK RD	5.2 (3.23)	-	-	-	-
NEHEMIAH LN	0.35 (0.22)	-	-	-	-
NEILL RD	0.46 (0.29)	-	-	-	-
NELSON RD	0.94 (0.58)	-	-	-	-
NEWALL RD	0.34 (0.21)	-	-	-	-
NICHOLS RD	1 (0.62)	-	-	-	-
NIEDERBERGER RD	2.26 (1.4)	-	-	-	-
NOBLE LN	0.14 (0.09)	-	-	-	-
NORTH VALLEY RD	14.86 (9.23)	-	-	-	-
NORTON LN	0.94 (0.58)	-	-	-	-
OAK HILL RD	3.96 (2.46)	-	-	-	-
OAK LN	1.35 (0.84)	-	-	-	-
OAK RD	2.42 (1.51)	-	-	-	-
OAK RIDGE RD	9.88 (6.14)	0.76 (0.50)	0.76 (0.50)	1.21 (0.75)	0.01 (0.01)
OAK SPRINGS FARM RD	3.6 (2.24)	-	-	-	-
OLD BETHEL RD	4.46 (2.77)	-	-	-	-
OLD MCMINNVILLE HWY	4.3 (2.67)	-	-	-	-
OLD MOORES VALLEY RD	3.32 (2.06)	-	-	0.07 (0.04)	0.04 (0.02)
OLD PARRETT MTN RD	3.97 (2.47)	-	-	-	-
OLD RAILROAD GRADE RD	14.17 (8.81)	-	-	-	-
OLD SHERIDAN RD	4.91 (3.05)	-	-	-	-
OLD SOLDIERS RD	1.49 (0.92)	-	-	-	-
OLD STATION RD	0.93 (0.58)	-	-	-	-
OLD TOLL RD	0.84 (0.52)	-	-	-	-
OLD WAGON RD	0.61 (0.38)	-	-	-	-
OLD YAMHILL RD	1.46 (0.91)	-	-	-	-
OLDSVILLE RD	3.93 (2.44)	-	-	-	-
OLIVE (YAMHILL) ST	0.54 (0.33)	-	-	-	-
OLSON RD	5.83 (3.62)	-	-	-	-
ORCHARD AVE	0.32 (0.2)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
ORCHARD VIEW RD	4.97 (3.09)	-	-	-	-
ORNDUFF RD	1.76 (1.09)	-	-	-	-
PALMER CREEK RD	3.47 (2.16)	-	-	-	-
PANTHER CREEK RD	7.58 (4.71)	-	-	-	0.06 (0.04)
PARKS DR	0.77 (0.48)	-	-	-	-
PARRETT MTN RD	5.71 (3.55)	-	-	-	-
PARRISH RD	1.29 (0.8)	-	-	-	-
PATTY LN	1.97 (1.22)	-	-	-	-
PEAVINE RD	28 (17.4)	-	-	-	-
PEKKOLA RD	0.79 (0.49)	-	-	-	-
PERRYDALE RD	2.71 (1.68)	-	-	-	-
PHEASANT HILL RD	1.48 (0.92)	-	-	-	-
PHILLIPS RD	2.41 (1.5)	-	-	-	-
PIKE RD	7.58 (4.71)	-	-	-	-
PLEASANT SMITH RD	1.57 (0.98)	-	-	-	-
POVERTY BEND RD	3.61 (2.24)	-	-	-	-
POWELL HILL RD	0.74 (0.46)	-	-	-	-
POWERHOUSE HILL RD	2.36 (1.47)	-	-	-	-
PUDDY GULCH RD	5.04 (3.13)	-	-	-	-
PUMPKINSEED RD	1.33 (0.83)	-	-	-	-
PUTNAM RD	1.07 (0.67)	-	-	-	-
QUARRY RD	2.31 (1.43)	-	-	-	-
QUARTER MILE LN	0.37 (0.23)	-	-	-	-
RED HILLS RD	4.48 (2.79)	-	-	-	-
RED PRAIRIE RD	1.63 (1.01)	-	-	-	-
REDMOND HILL RD	2.03 (1.26)	-	-	-	-
REID LN	0.91 (0.56)	-	-	-	-
RENNE RD	0.98 (0.61)	-	-	-	-
REODEL RD	0.55 (0.34)	-	-	-	-
REX BROWN RD	1.13 (0.7)	-	-	-	-
RIBBON RIDGE RD	7.45 (4.63)	-	-	-	-
RICE LN	1.13 (0.7)	-	-	-	-
RICHARD ST	1.09 (0.68)	-	-	-	-
RIDGE RD	3.81 (2.37)	-	-	-	-
RIVENWOOD LN	0.23 (0.14)	-	-	-	-
RIVER BEND RD	4.66 (2.89)	-	-	-	-
RIVERSIDE DR	3.03 (1.88)	-	-	-	-

	Length of Roads in Yamhill County	Designated Fender's Blue Butterfly Critical Habitat	Designated Kincaid's Lupine Critical Habitat	USFWS Known Locations	2 km Lupine Survey Locations
Road Name	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)	Km (Miles)
RIVERSIDE LP	1.53 (0.95)	-	-	-	-
RIVERWOOD RD	2.9 (1.8)	-	-	-	-
ROCK CREEK RD	14.68 (9.12)	-	-	0.45 (0.28)	-
ROCKYFORD RD	7.59 (4.72)	-	-	-	-
ROGERS LANDING RD	0.27 (0.17)	-	-	-	-
ROGERS RD	0.72 (0.45)	-	-	-	-
ROOSEVELT DR	0.61 (0.38)	-	-	-	-
ROWLAND RD	2.61 (1.62)	-	-	-	-
RUSSELL CREEK RD	5.57 (3.46)	-	-	-	-
SALT CREEK RD	2.56 (1.59)	-	-	-	-
SANDERS RD	1.47 (0.91)	-	-	-	-
SANDOZ RD	0.49 (0.31)	-	-	-	-
SAUTER RD	2.04 (1.27)	-	-	-	-
SAVAGE RD	2.26 (1.4)	-	-	-	-
SCHATZ RD	0.24 (0.15)	-	-	-	-
SEAWOOD RD	0.57 (0.35)	-	-	-	-
SHAAD RD	0.92 (0.57)	-	-	-	-
SHELBURNE RD	0.19 (0.12)	-	-	-	-
SHELTON RD	3.26 (2.03)	-	-	-	-
SHERIDAN ST	0.46 (0.29)	-	-	-	-
SITTON RD	1.47 (0.92)	-	-	-	-
SKYLINE RD	2.01 (1.25)	-	-	-	-
SMITH RD	1.35 (0.84)	-	-	-	-
SMITHVILLE RD	3.06 (1.9)	-	-	-	-
SOURGRASS RD	0.09 (0.05)	-	-	-	-
SOUTH RD	1.04 (0.65)	-	-	-	-
SPIRIT MOUNTAIN RD	1.19 (0.74)	-	-	-	-
SPRING HILL RD	2.68 (1.66)	-	-	-	-
SPRINGBROOK RD	3.21 (1.99)	-	-	-	-
ST. JOSEPH (OLD ALIGN) RD	0.25 (0.15)	-	-	-	-
ST. JOSEPH RD	0.9 (0.56)	-	-	-	-
STAG HOLLOW RD	3.67 (2.28)	-	-	-	-
STARR QUARRY RD	5.59 (3.47)	-	-	-	-
STILLERS MILL RD	1.11 (0.69)	-	-	-	-
STOCKHOFF RD	5.63 (3.5)	-	-	-	-
STOLLER RD	2.42 (1.5)	-	-	-	-
STONE RD	1.38 (0.86)	-	-	-	-

Road Name	Length of Roads in Yamhill County Km (Miles)	Designated Fender's Blue Butterfly Critical Habitat Km (Miles)	Designated Kincaid's Lupine Critical Habitat Km (Miles)	USFWS Known Locations Km (Miles)	2 km Lupine Survey Locations Km (Miles)
STOUT RD	0.52 (0.32)	-	-	-	-
STRINGTOWN RD	4.37 (2.72)	-	-	-	-
SULLIVAN LN	0.93 (0.58)	-	-	-	-
SUNNYCREST RD	4.52 (2.81)	-	-	-	-
SWEET CIDER/THOMPSON LN	1.49 (0.93)	-	-	-	-
TANGEN RD	1.79 (1.11)	-	-	-	-
TELEGRAPH RD	2.62 (1.63)	-	-	-	-
TENBUSH LN	2.19 (1.36)	-	-	-	-
TERRACE RD	0.43 (0.27)	-	-	-	-
THOMPSON LN	0.61 (0.38)	-	-	-	-
THOMPSON MILL RD	4.26 (2.64)	-	-	-	-
THREE DEER LANE LN	0.5 (0.31)	-	-	-	-
THREE TREES LN	0.78 (0.49)	-	-	-	-
TINDLE CREEK RD	6.67 (4.15)	-	-	-	-
TRIBETT LANE LN	0.8 (0.5)	-	-	-	-
TRUNK RD	1.75 (1.09)	-	-	-	-
TUPPER RD	2.67 (1.66)	-	-	-	0.02 (0.01)
TURNER CREEK RD	5.59 (3.47)	-	-	-	-
TYKESON RD	2.19 (1.36)	-	-	-	-
UNIONVALE RD	2.36 (1.46)	-	-	-	-
UPPER ISLAND RD	5.47 (3.4)	-	-	-	-
VERITAS LN	0.3 (0.19)	-	-	-	-
VIEW CREST RD	0.36 (0.23)	-	-	-	-
VINE MAPLE DR	0.2 (0.13)	-	-	-	-
WALNUT HILL RD	4.81 (2.99)	-	-	-	-
WAPATO SCHOOL RD	2.06 (1.28)	-	-	-	-
WARMINGTON RD	0.84 (0.52)	-	-	-	-
WARREN RD	1.09 (0.68)	-	-	-	-
WATER (DAYTON) RD	0.46 (0.28)	-	-	-	-
WEBFOOT RD	14.74 (9.16)	-	-	-	-
WELCH RD	0.1 (0.06)	-	-	-	-
WESTON LANDING RD	0.64 (0.4)	-	-	-	-
WESTSIDE RD	12.97 (8.06)	-	-	-	-
WHEATLAND RD	1.81 (1.13)	-	-	-	-
WHITESON RD	2.26 (1.41)	-	-	-	-
WILEY RD	0.92 (0.57)	-	-	-	-
WILLAMINA CREEK RD	12.15 (7.55)	-	-	-	-

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Appendix F

Special Maintenance Zones

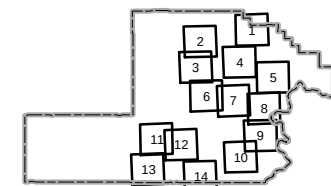
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Appendix F

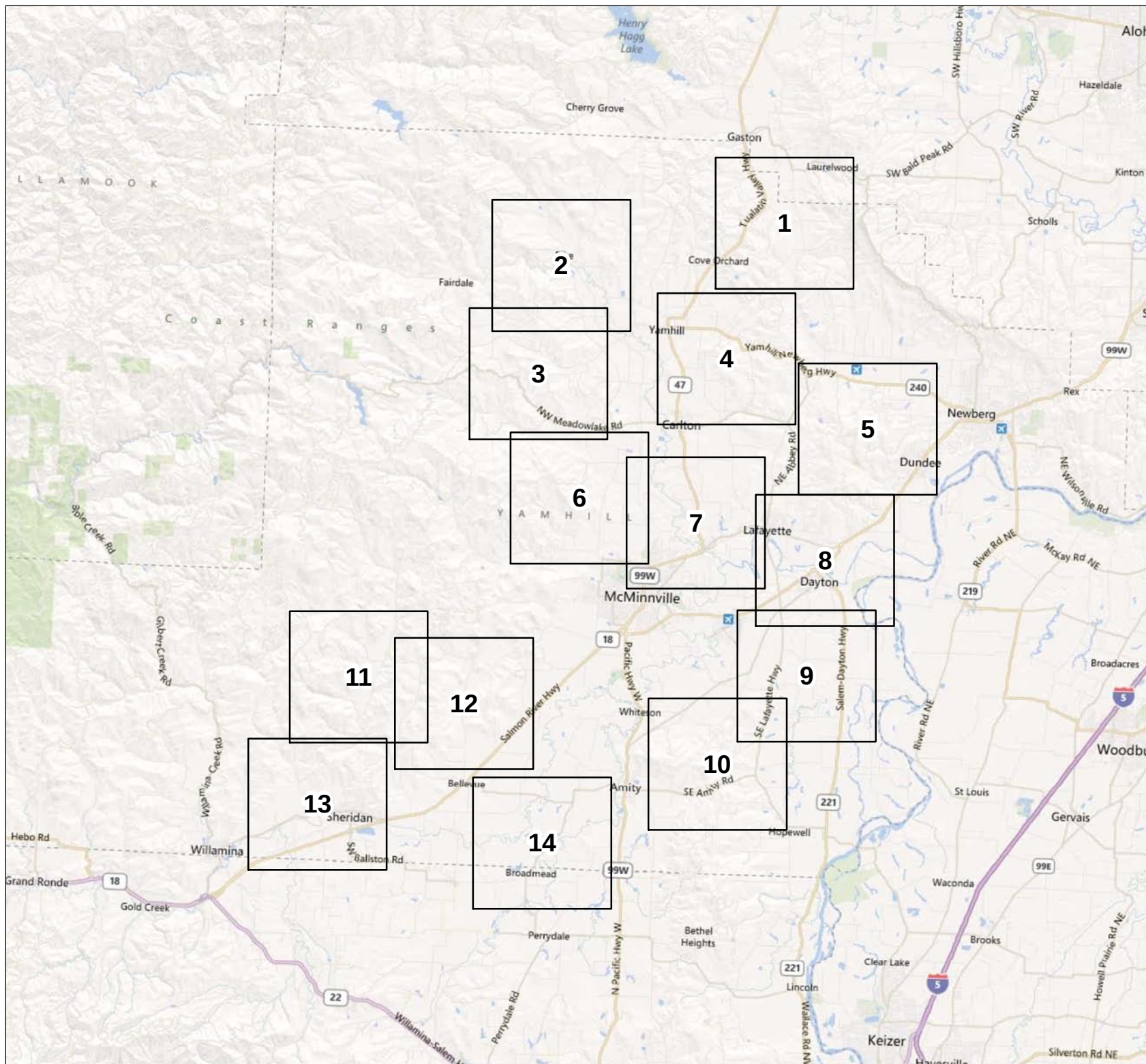
These maps identify Threatened and Endangered Species Special Maintenance Zones (T&E Special Maintenance Zones) and Vineyard Special Maintenance Zones that are maintained by Yamhill County. The T&E Special Maintenance Zones encompass the U.S. Fish and Wildlife Service known locations and the Kincaid's lupine identified during the 2 kilometer (1.24 mile) dispersal survey (June 29-30, 2011; Appendix B). The Vineyard Special Maintenance Zones are areas that are not associated with threatened or endangered species, but are under special management by request of Yamhill County residents. Herbicide spraying is prohibited in the Vineyard Special Maintenance Zones, which could be beneficial to the covered species. Each map in this appendix shows a portion of Yamhill County where Special Maintenance Zones occur. The location of these sites within Yamhill County can be identified by correlating the sheet number (e.g., Sheet 3) with the overview map or with the smaller map(s) of the county in the right-hand corner of the individual sheets. The following acronyms are used in these maps:

- GVA – Gopher Valley Area
- ORA – Oak Ridge Area
- T&E Special Maintenance Zone Roads – Threatened and Endangered Species Special Maintenance Zone Roads

Appendix F Sheet Index



Yamhill County, Oregon



0 2.5 5 7.5 km

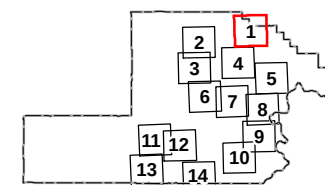
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Appendix F

Sheet 1

Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

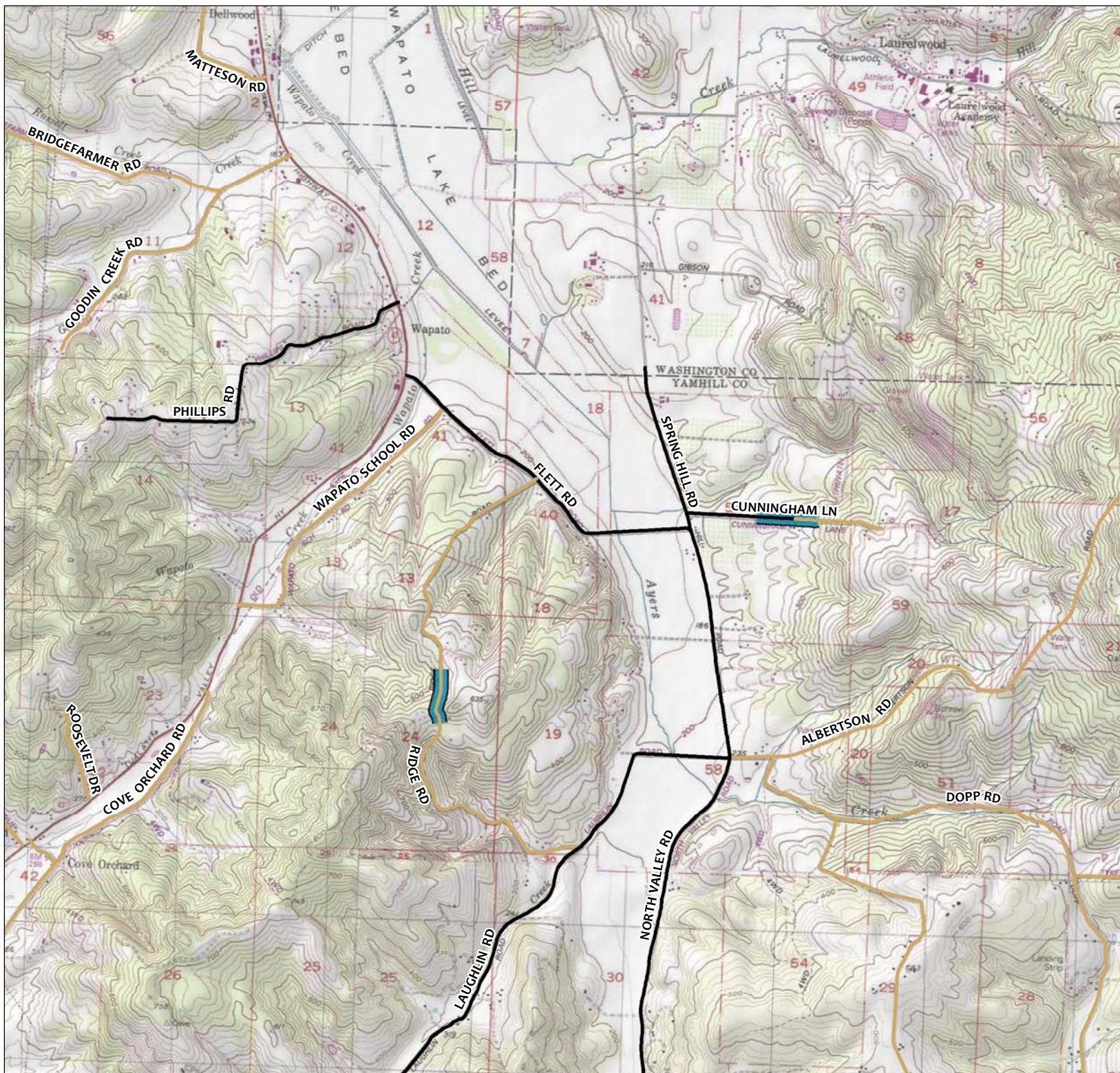
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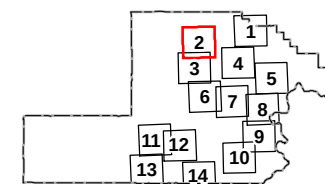
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0 0.25 0.5 mi

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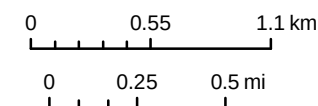
Special Maintenance Zones



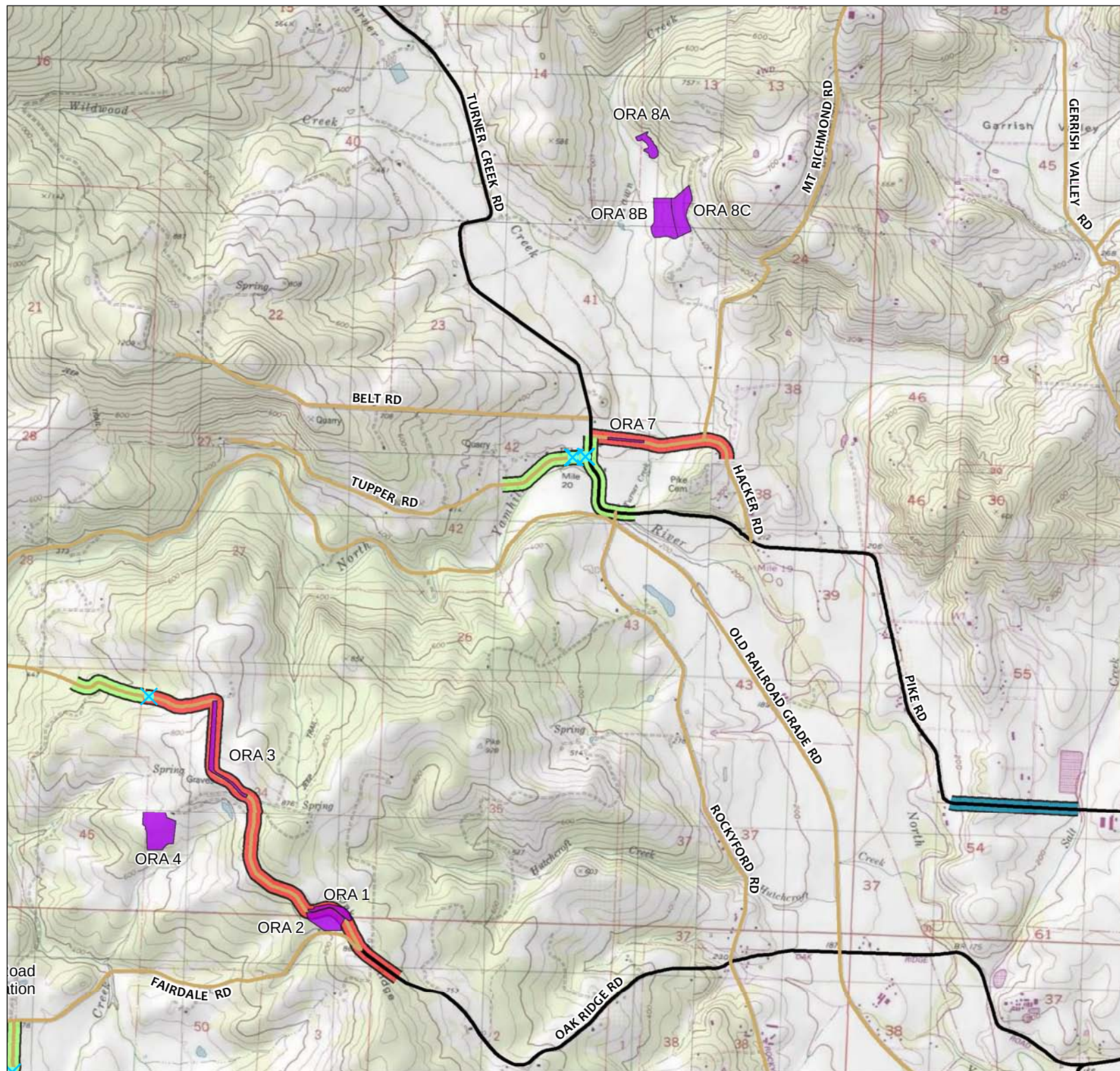
Yamhill County, Oregon

Legend

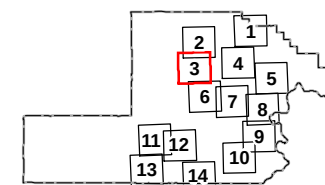
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- Known Kincaid's Lupine Site
- Known Fender's Blue Butterfly Sites
- T & E Special Maintenance Zone Roads (established)
- T & E Special Maintenance Zone Roads (new)
- Vineyard Special Maintenance Zone Roads
- County Roads**
 - County Gravel Road
 - County Paved Road



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Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

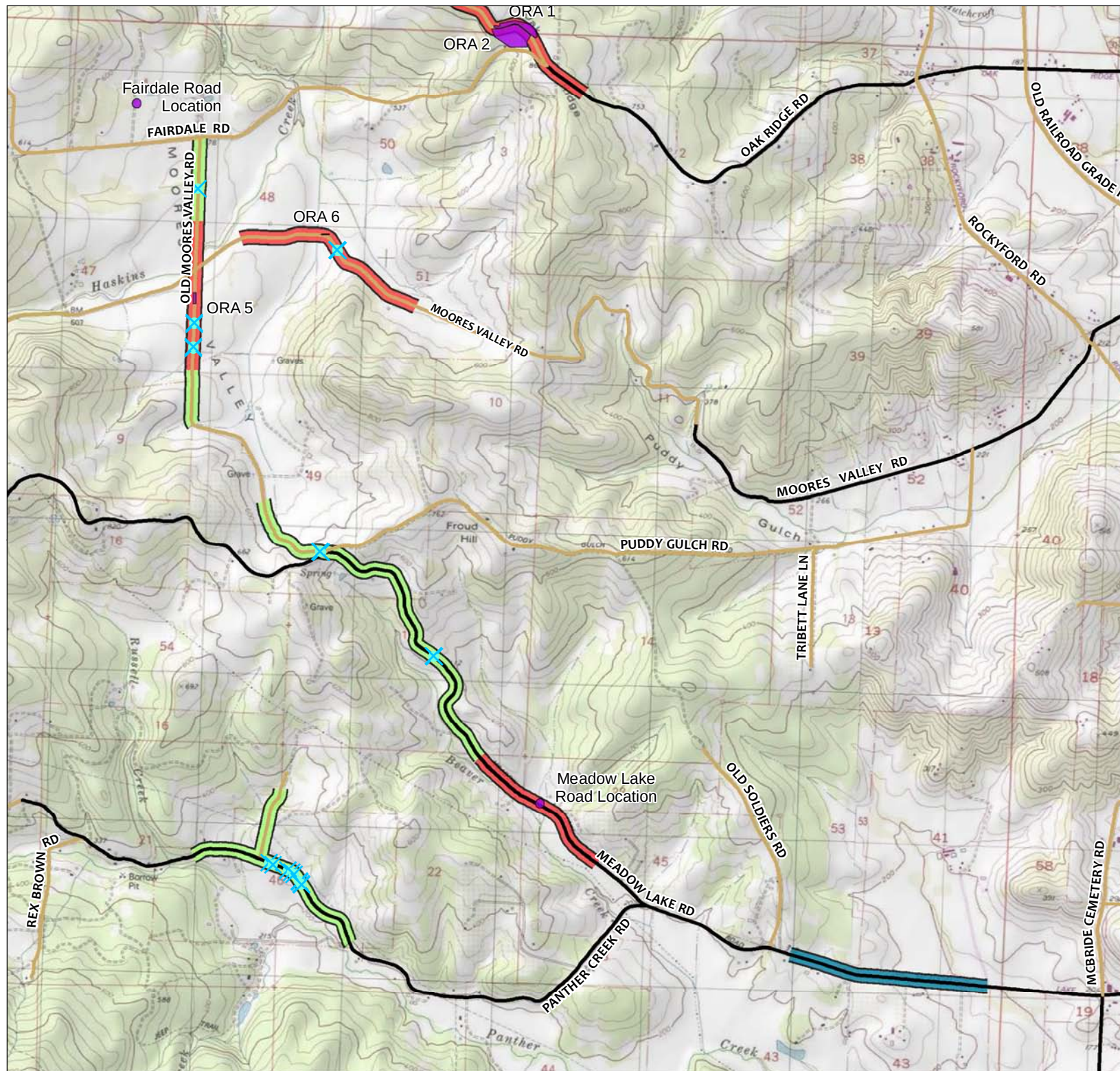
County Paved Road



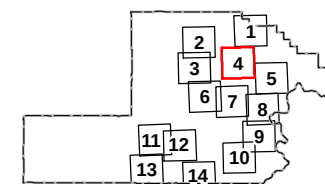
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Special Maintenance Zones



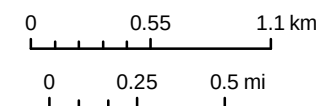
Yamhill County, Oregon

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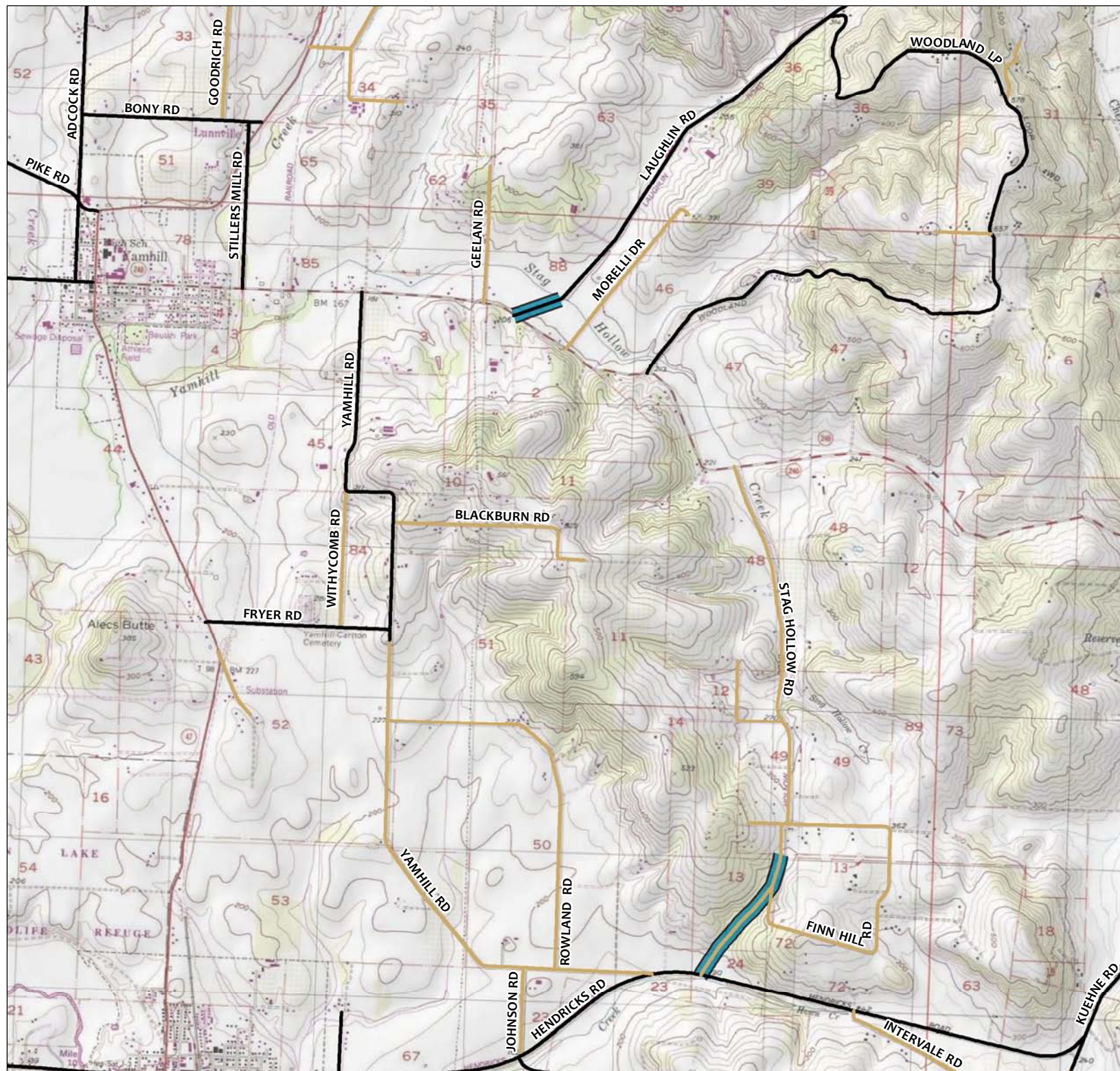
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- Known Kincaid's Lupine Site
- Known Fender's Blue Butterfly Sites
- T & E Special Maintenance Zone Roads (established)
- T & E Special Maintenance Zone Roads (new)
- Vineyard Special Maintenance Zone Roads

County Roads

- County Gravel Road
- County Paved Road



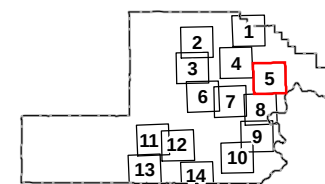
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Appendix F

Sheet 5

Special Maintenance Zones



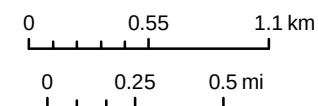
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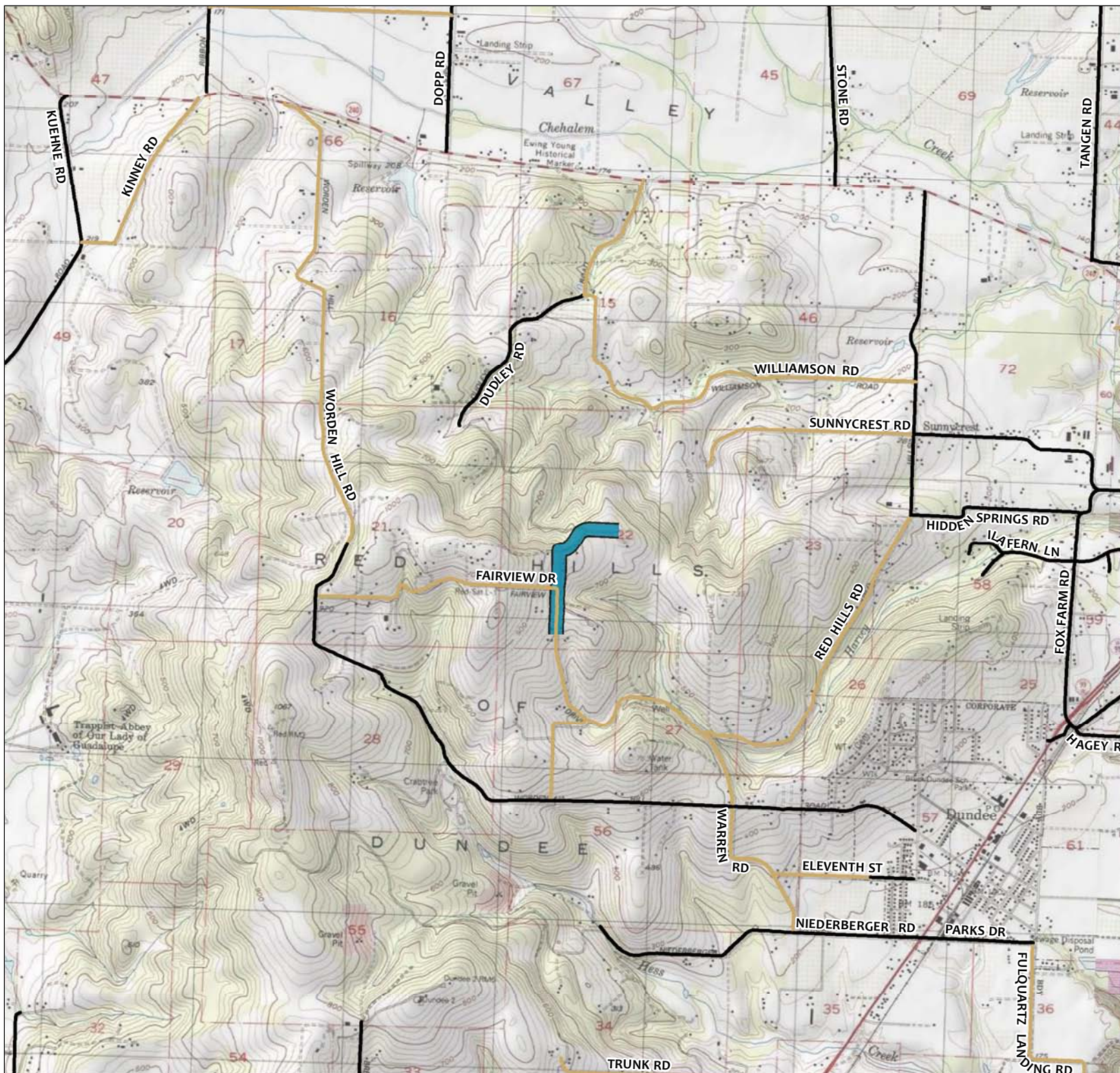
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- Known Kincaid's Lupine Site
- Known Fender's Blue Butterfly Sites
- T & E Special Maintenance Zone Roads (established)
- T & E Special Maintenance Zone Roads (new)
- Vineyard Special Maintenance Zone Roads

County Roads

- County Gravel Road
- County Paved Road



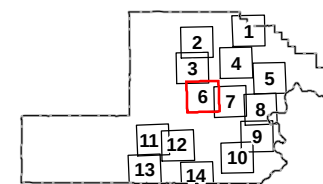
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Appendix F

Sheet 6

Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

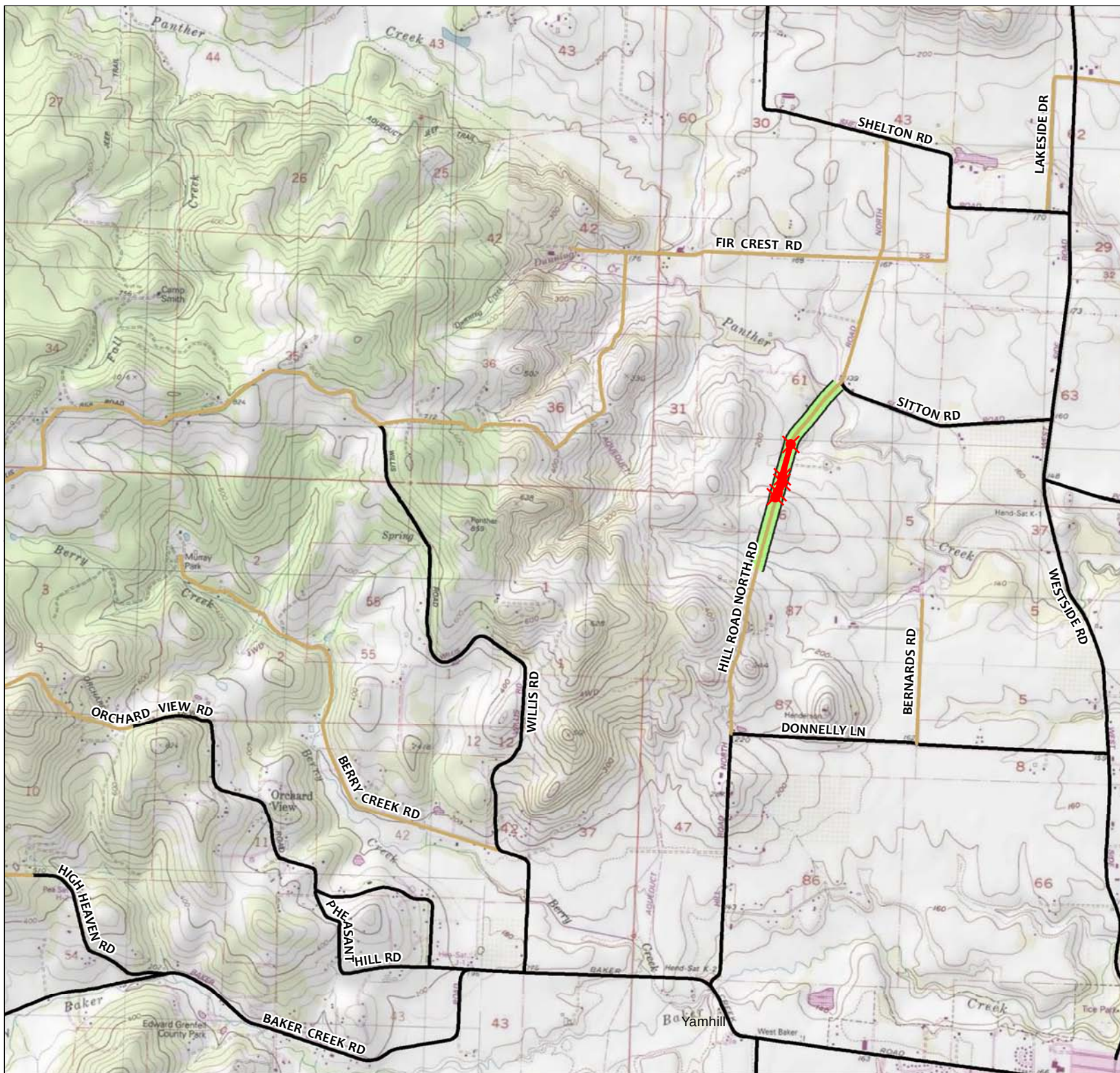
County Paved Road



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0 0.25 0.5 mi

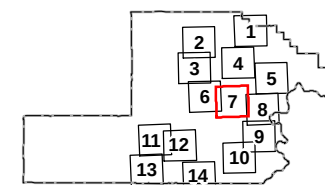
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Appendix F

Sheet 7

Special Maintenance Zones



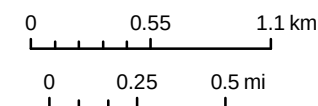
Yamhill County, Oregon

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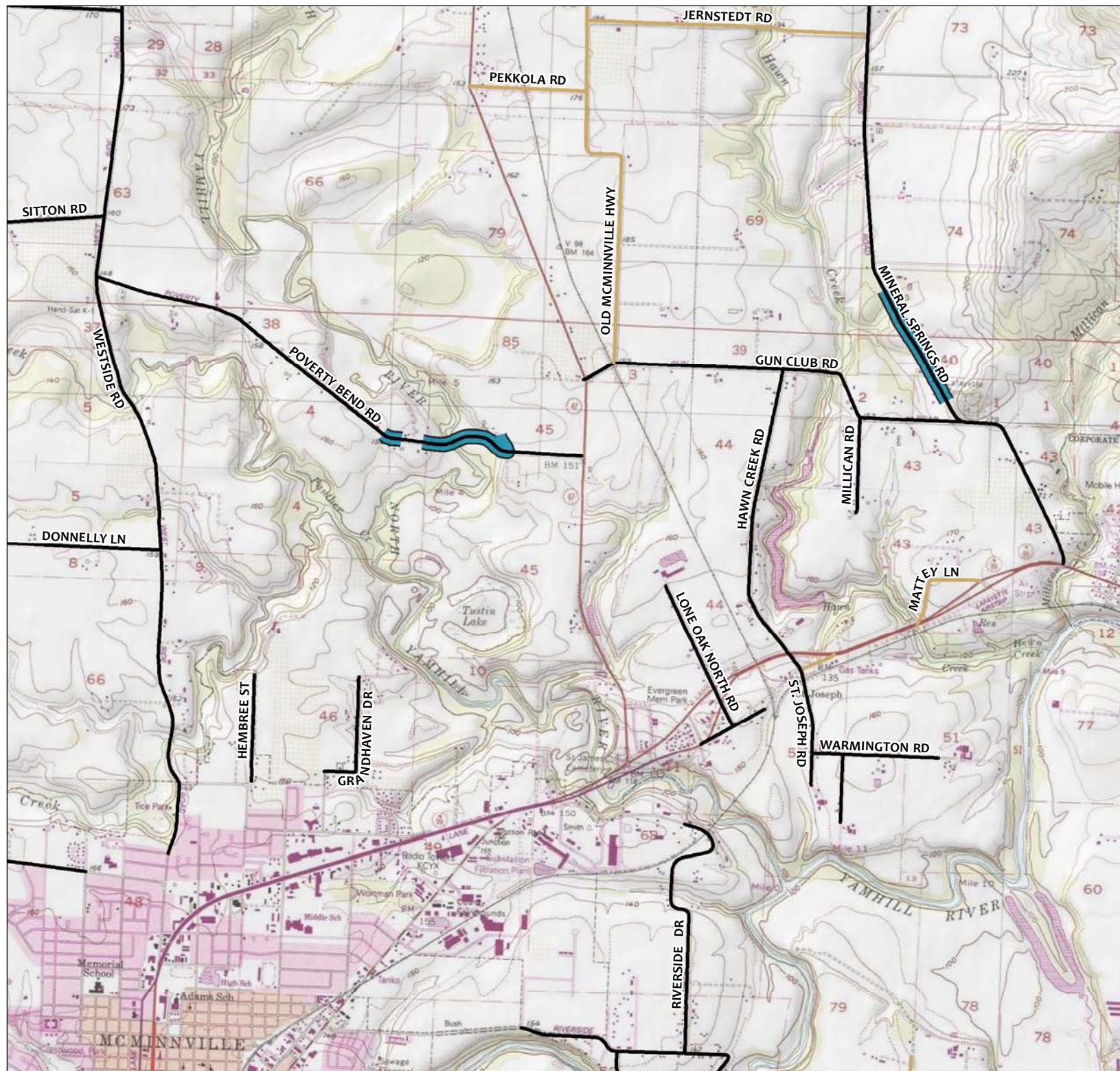
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- Known Kincaid's Lupine Site
- Known Fender's Blue Butterfly Sites
- T & E Special Maintenance Zone Roads (established)
- T & E Special Maintenance Zone Roads (new)
- Vineyard Special Maintenance Zone Roads

County Roads

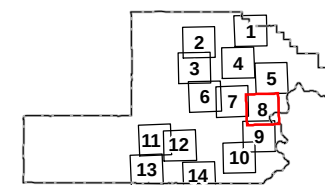
- County Gravel Road
- County Paved Road



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Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

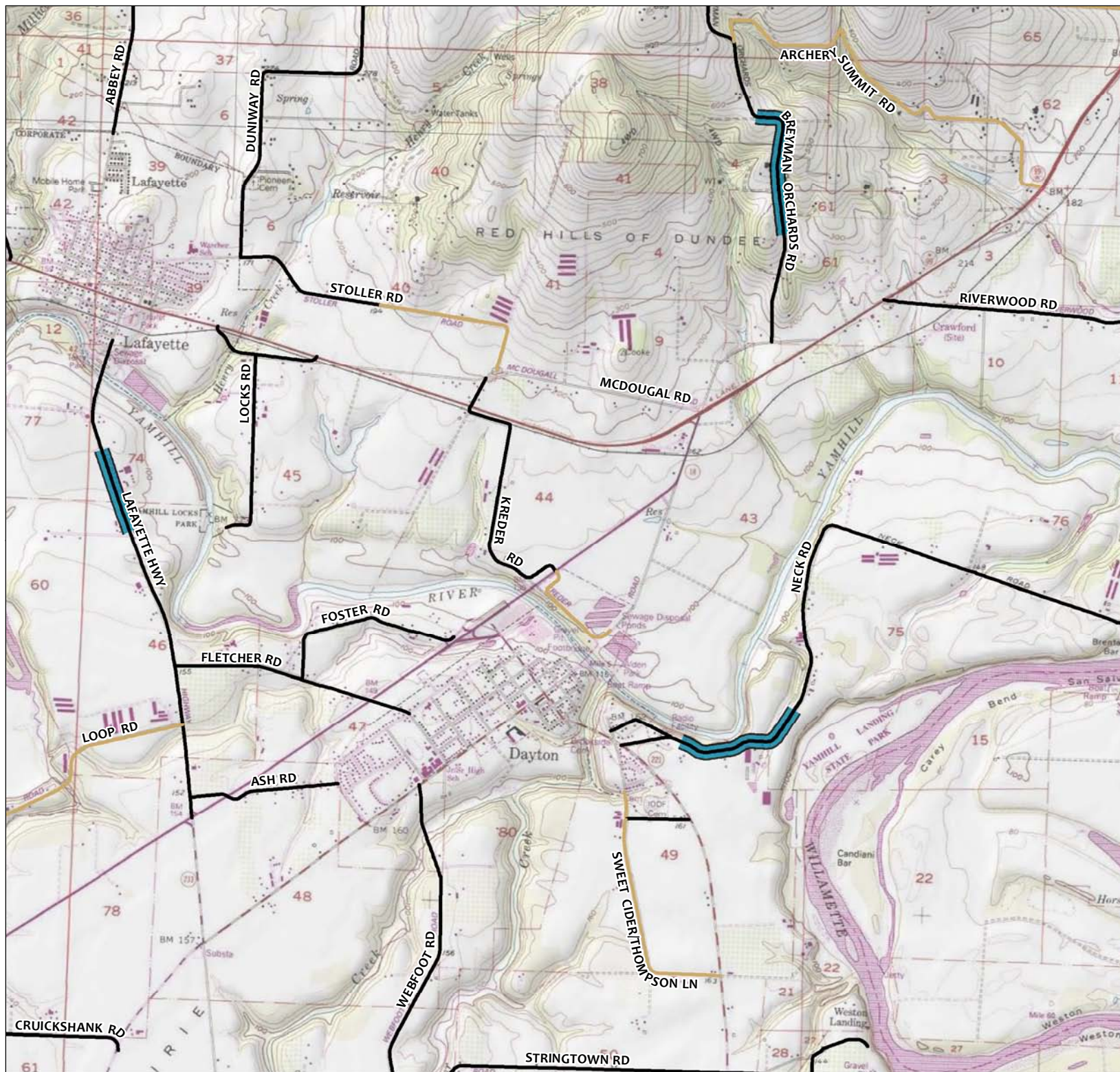
County Paved Road



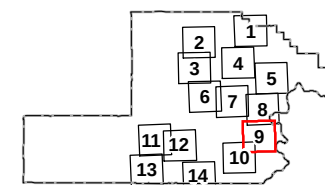
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0 0.25 0.5 mi

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Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

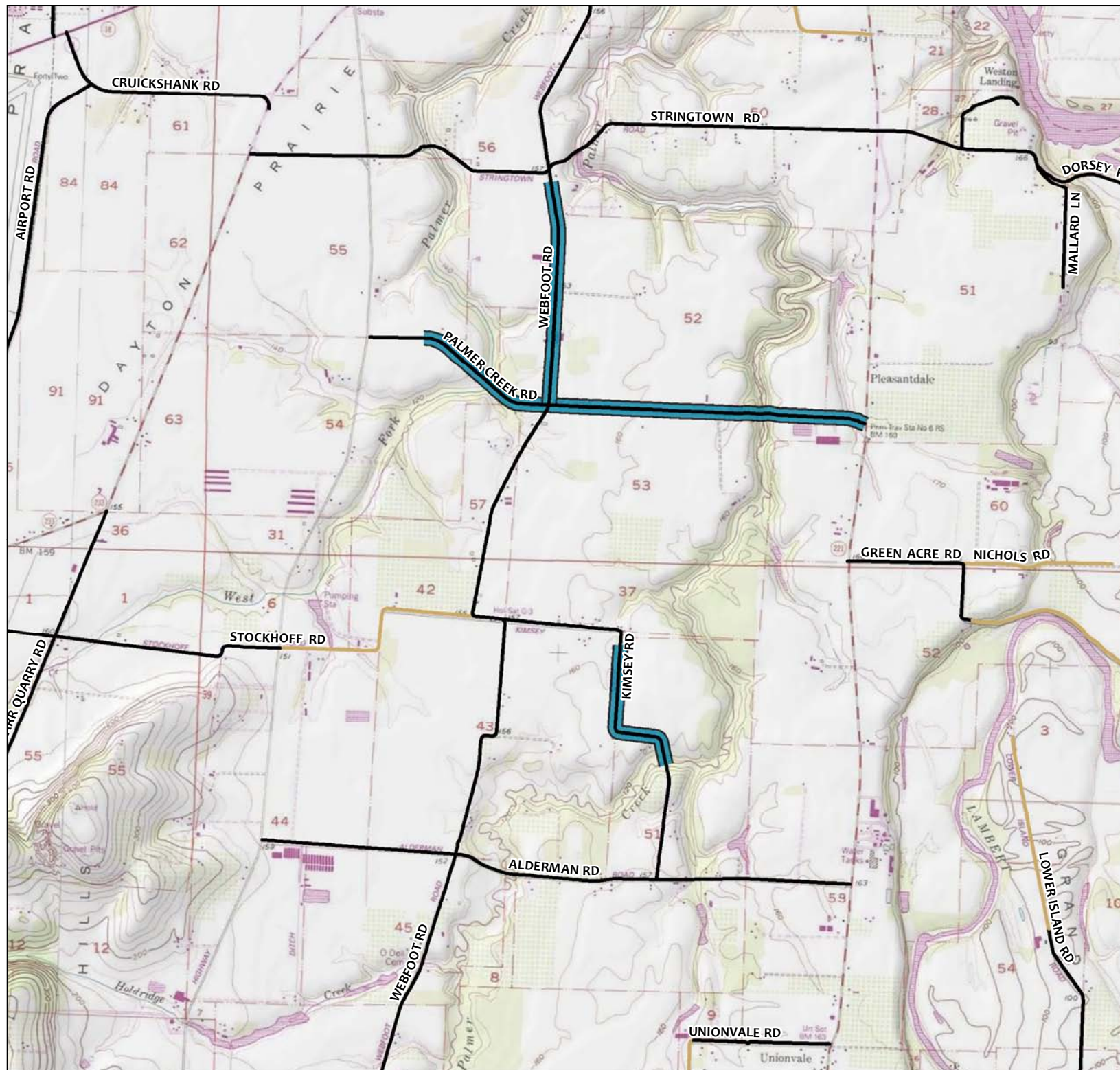
County Paved Road



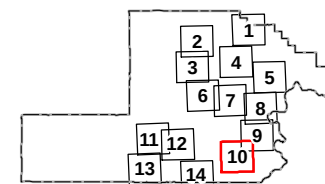
0 0.55 1.1 km

0 0.25 0.5 mi

1:34,670



Special Maintenance Zones



Yamhill County, Oregon

Legend

Surveyed Kincaid's Lupine Locations

Known Kincaid's Lupine Site

Known Fender's Blue Butterfly Sites

T & E Special Maintenance Zone Roads (established)

T & E Special Maintenance Zone Roads (new)

Vineyard Special Maintenance Zone Roads

County Roads

County Gravel Road

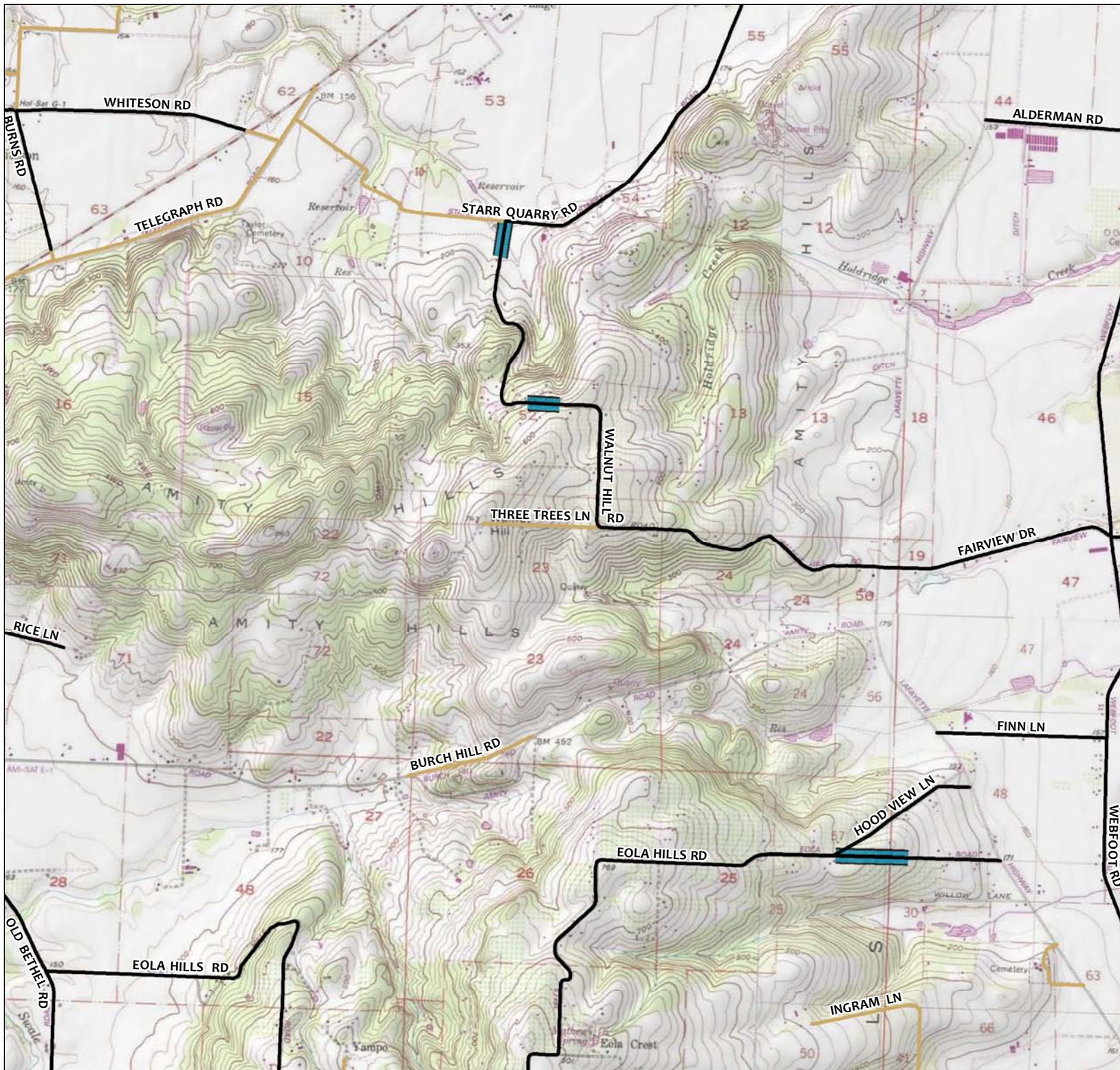
County Paved Road



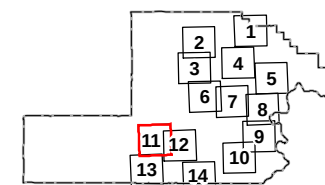
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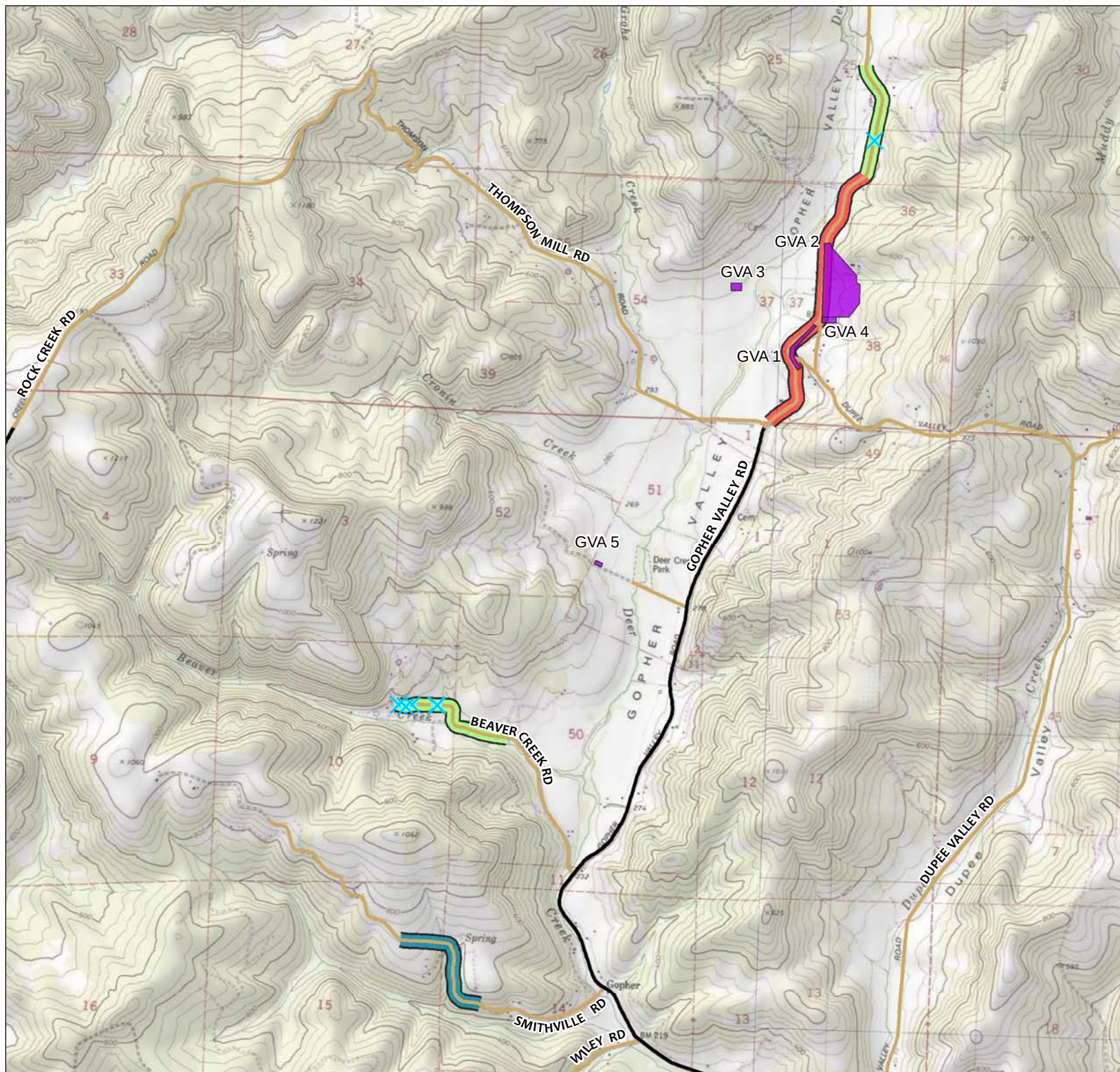
County Paved Road



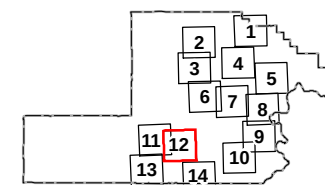
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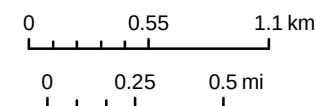
Special Maintenance Zones



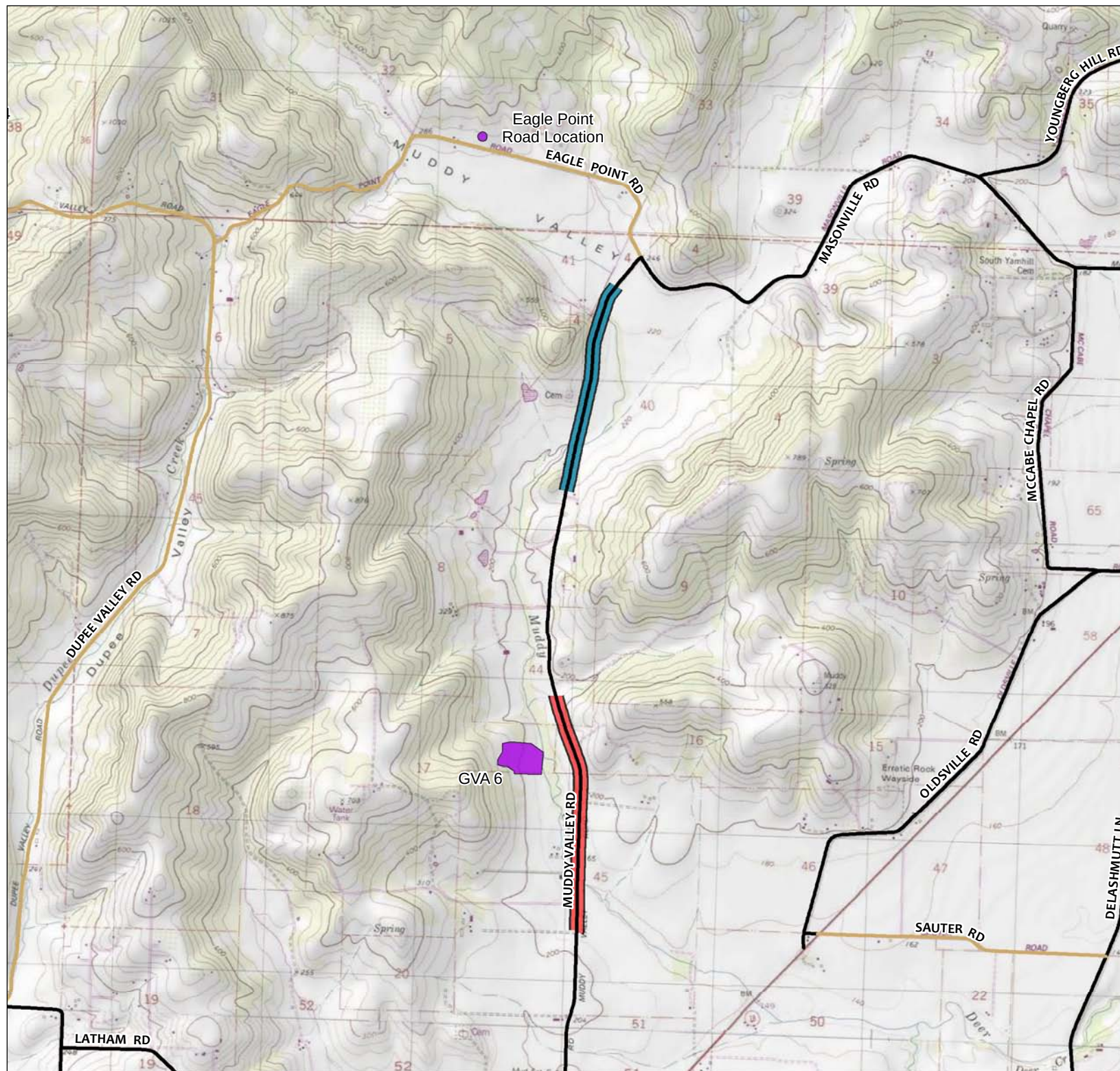
Yamhill County, Oregon

Legend

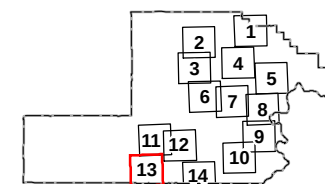
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Special Maintenance Zones



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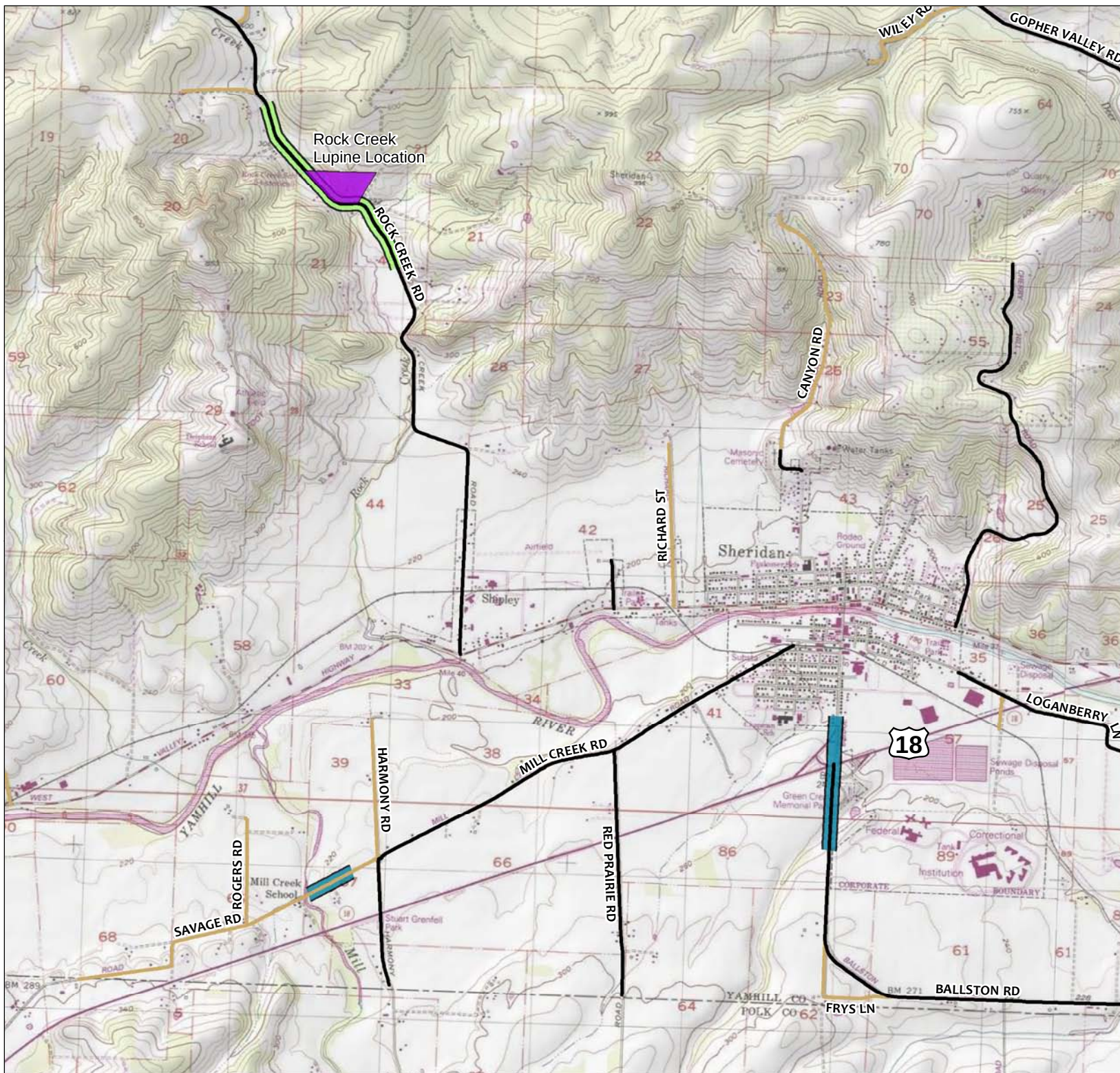
County Paved Road



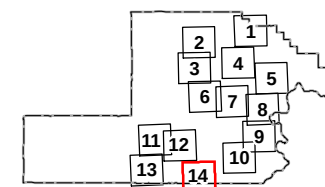
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