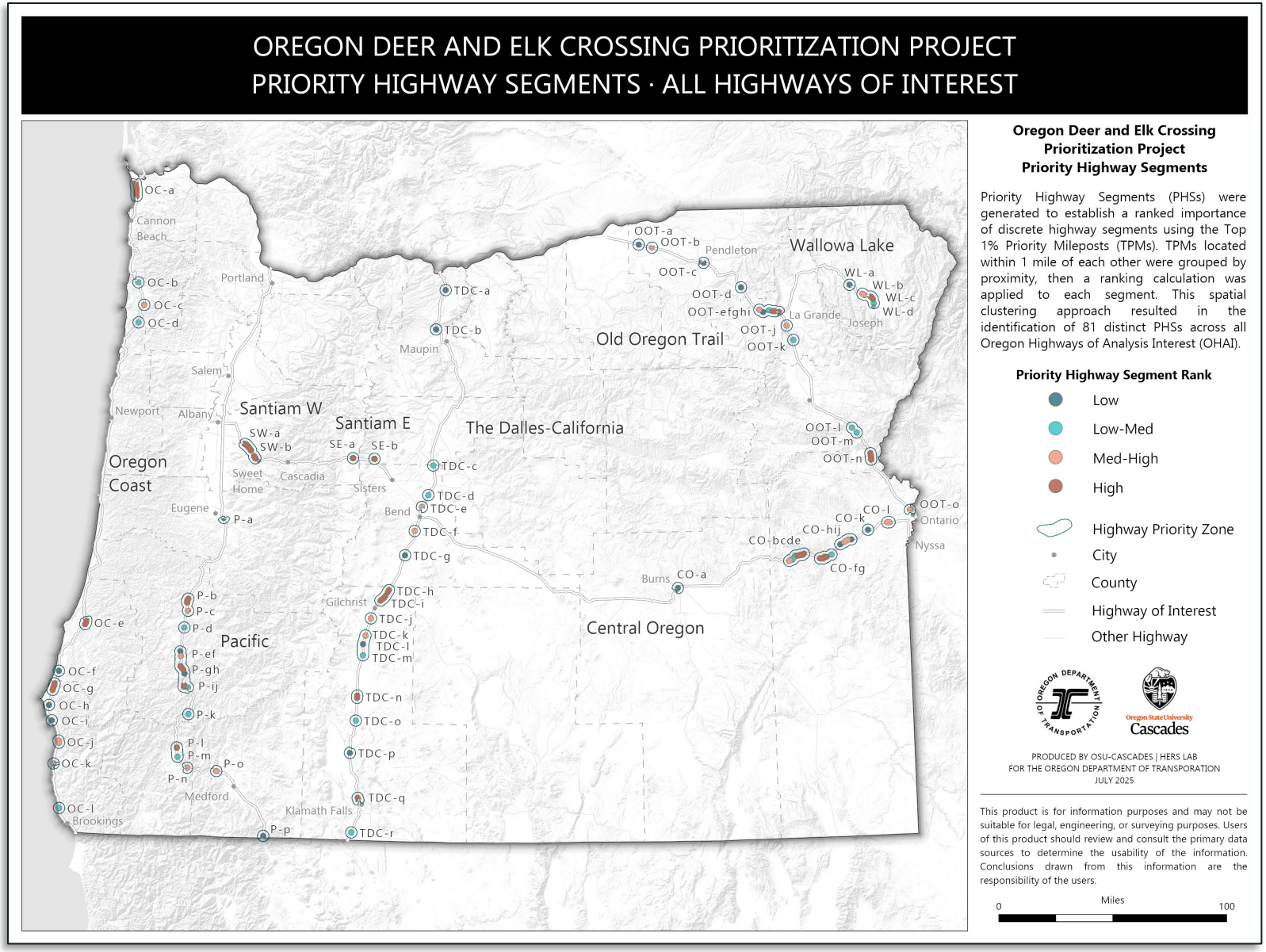
Appendix A

Oregon Deer and Elk Crossing Prioritization Project (ODECPP) Map Products

ODECPP Priority Highway Segment (PHS) Maps			
Highway Name	**Highway Number**	**Priority Segment Count**	**Page Number**
Statewide	All OHAI	81	45
Pacific	001	16	46
The Dalles-California	004	18	47
Old Oregon Trail	006	15	48
Central Oregon	007	12	49
Oregon Coast	009	12	50
Wallowa Lake	010	4	51
Santiam West & East	016	4	52 & 53


OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · ALL HIGHWAYS OF INTEREST
Oregon Deer and Elk Crossing Prioritization Project Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI).
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
Highway of Interest
Other Highway
Oregon Coast
Santiam W
Santiam E
The Dalles-California
Old Oregon Trail
Wallowa Lake
Pacific
Central Oregon
Portland
Salem
Albany
Newport
Eugene
Sweet Home
Cascadia
Sisters
Bend
Maupin
Pendleton
La Grande
Joseph
Burns
Ontario
Nyssa
Gilchrist
Medford
Klamath Falls
Brookings
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JULY 2025
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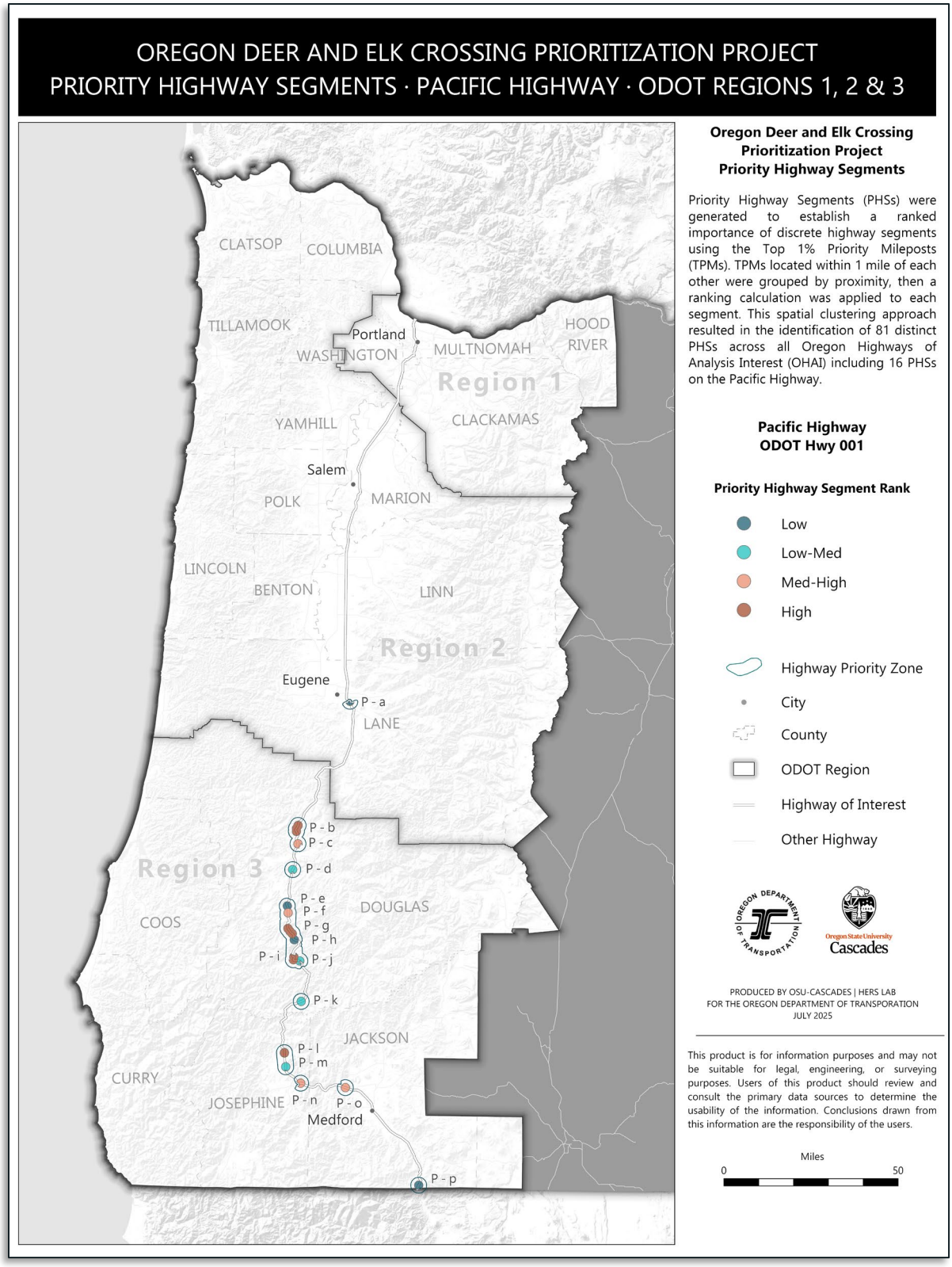
Miles
0
100


OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · PACIFIC HIGHWAY · ODOT REGIONS 1, 2 & 3
CLATSOP
COLUMBIA
TILLAMOOK
Portland
WASHINGTON
MULTNOMAH
HOOD RIVER
Region 1
YAMHILL
CLACKAMAS
Salem
POLK
MARION
LINCOLN
BENTON
LINN
Region 2
Eugene
P - a
LANE
P - b
P - c
Region 3
P - d
P - e
P - f
P - g
P - h
P - i
P - j
COOS
DOUGLAS
P - k
JACKSON
P - l
P - m
CURRY
JOSEPHINE
P - n
P - o
Medford
P - p
Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 16 PHSs on the Pacific Highway.
Pacific Highway
ODOT Hwy 001
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
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Oregon State University Cascades
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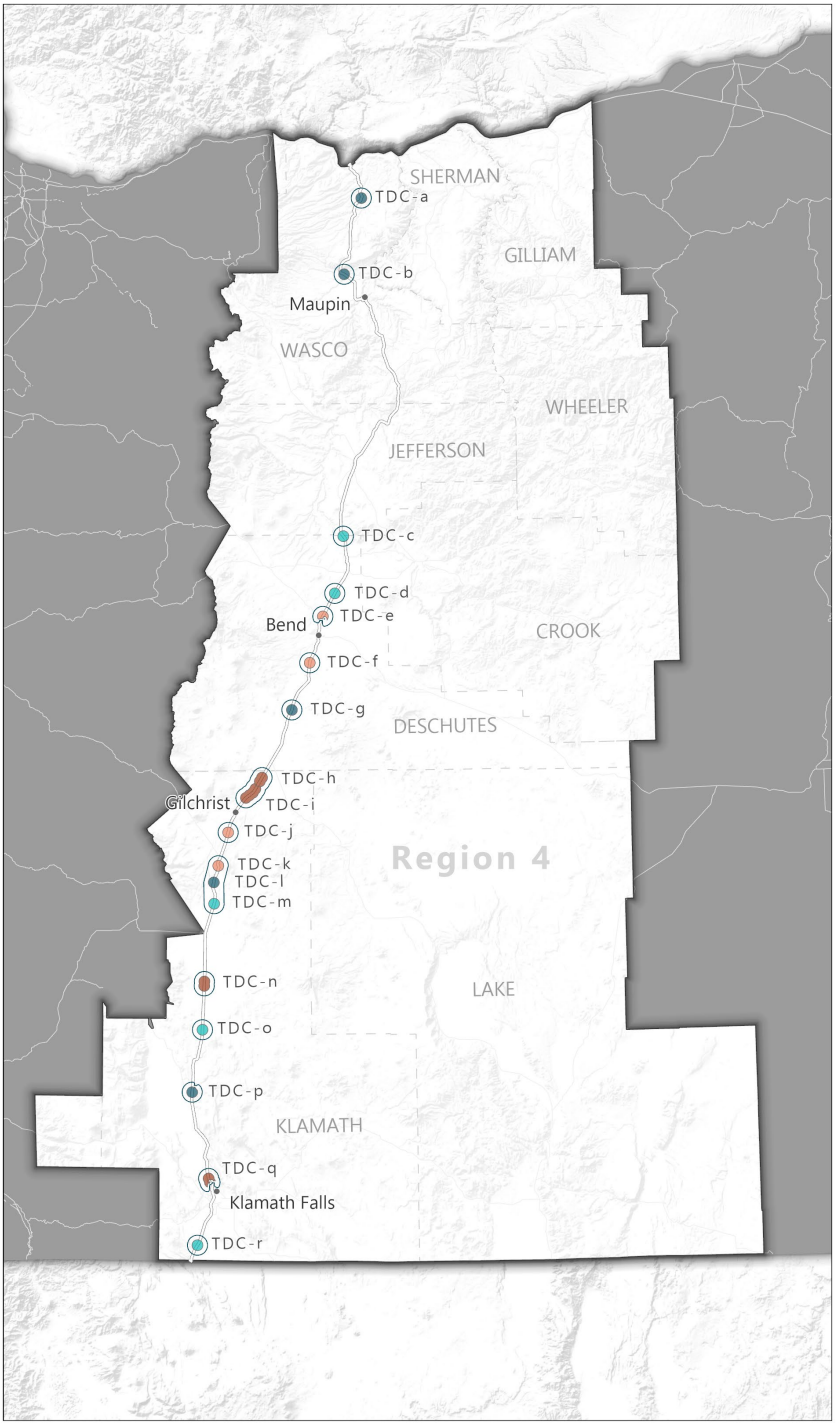
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · THE DALLES-CALIFORNIA HWY · ODOT REGION 4



Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments

Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI), including 18 PHSs on The Dalles-California Highway.

The Dalles-California Highway
ODOT Hwy 004

Priority Highway Segment Rank

- Low
- Low-Med
- Med-High
- High

- Highway Priority Zone
- City
- County
- ODOT Region
- Highway of Interest
- Other Highway

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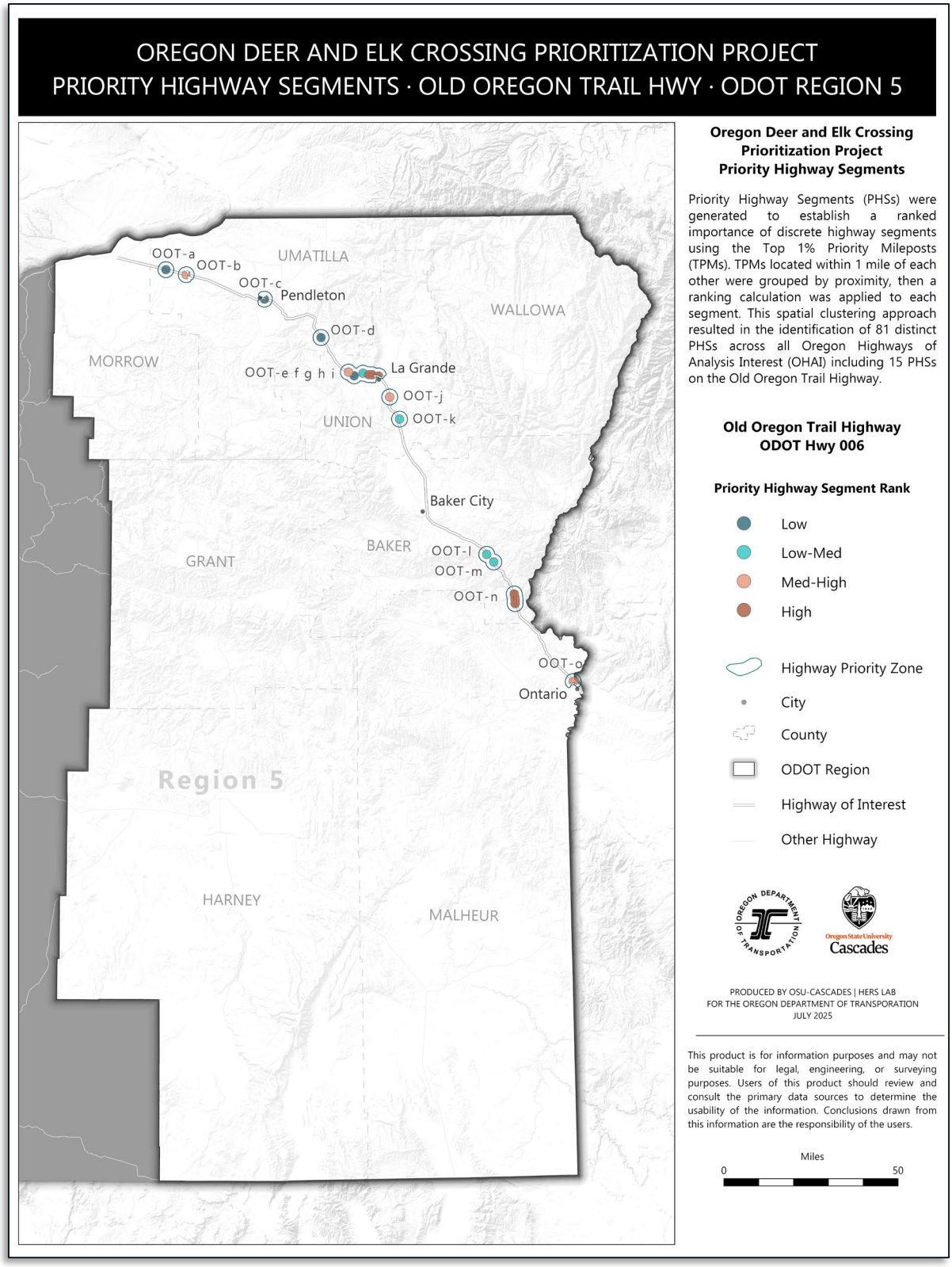
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · OLD OREGON TRAIL HWY · ODOT REGION 5
OOT-a
OOT-b
OOT-c
Pendleton
OOT-d
OOT-e f g h i
La Grande
OOT-j
OOT-k
Baker City
OOT-l
OOT-m
OOT-n
OOT-o
Ontario
UMATILLA
WALLOWA
MORROW
UNION
BAKER
GRANT
HARNEY
MALHEUR
Region 5
Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 15 PHSs on the Old Oregon Trail Highway.
Old Oregon Trail Highway
ODOT Hwy 006
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
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Miles
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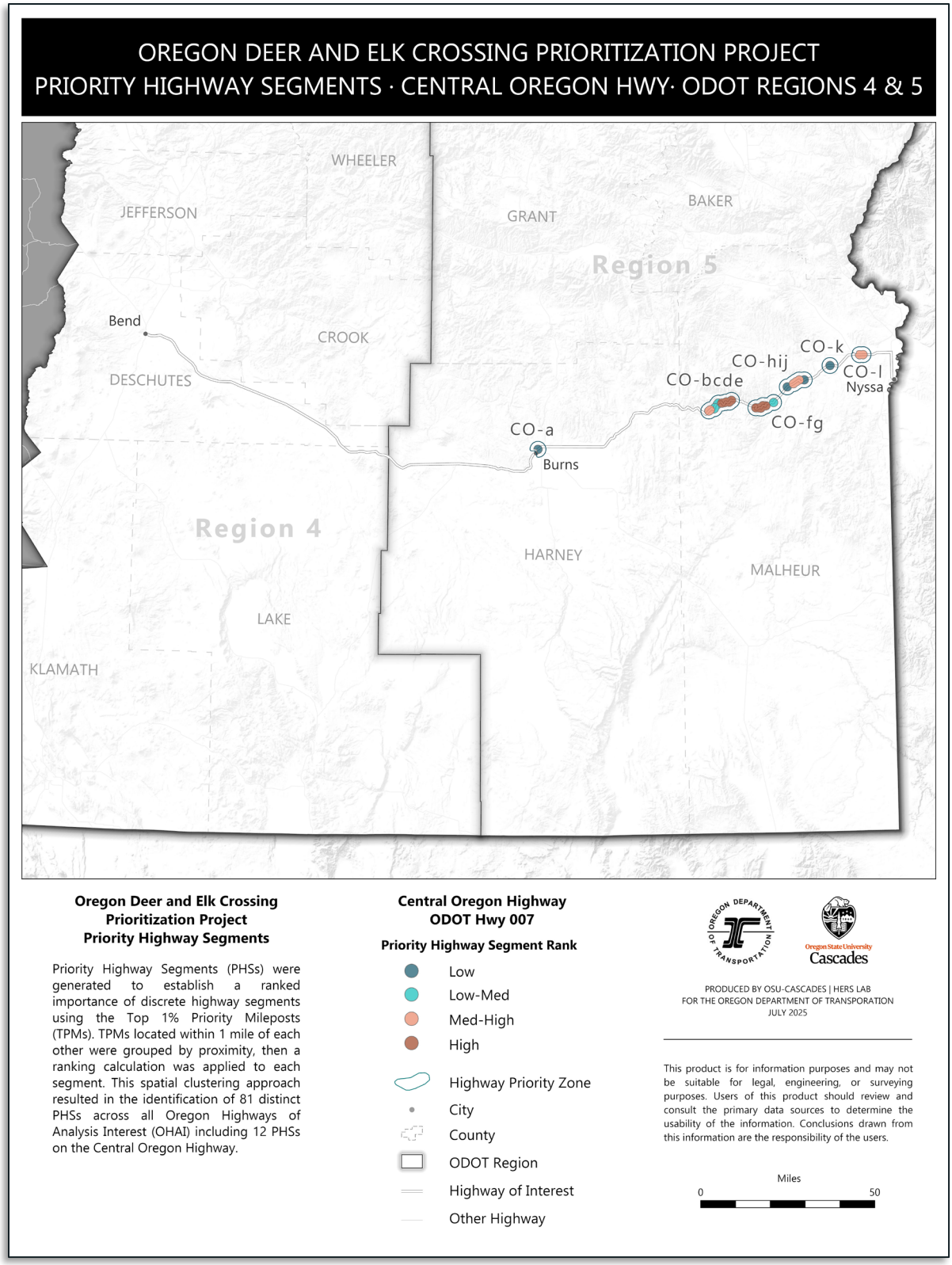
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · CENTRAL OREGON HWY· ODOT REGIONS 4 & 5
WHEELER
JEFFERSON
GRANT
BAKER
Region 5
Bend
CROOK
DESCHUTES
CO-k
CO-hij
CO-l
Nyssa
CO-bcde
CO-fg
CO-a
Burns
Region 4
HARNEY
MALHEUR
LAKE
KLAMATH
Oregon Deer and Elk Crossing
Prioritization Project
Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 12 PHSs on the Central Oregon Highway.
Central Oregon Highway
ODOT Hwy 007
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University
Cascades
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Miles
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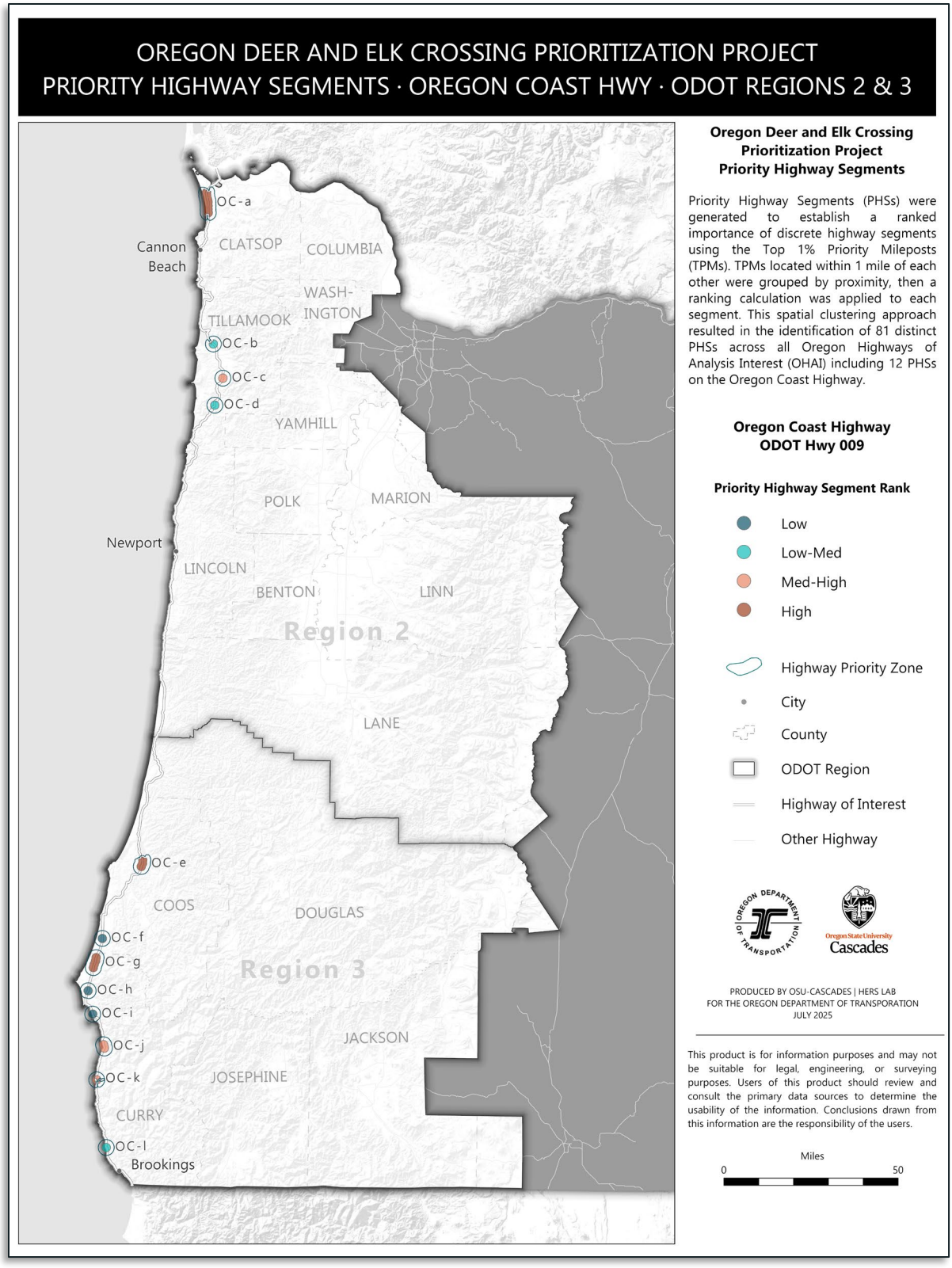
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · OREGON COAST HWY · ODOT REGIONS 2 & 3
OC-a
Cannon Beach
CLATSOP
COLUMBIA
WASH-INGTON
TILLAMOOK
OC-b
OC-c
OC-d
YAMHILL
POLK
MARION
Newport
LINCOLN
BENTON
LINN
Region 2
LANE
OC-e
COOS
DOUGLAS
OC-f
OC-g
Region 3
OC-h
OC-i
JACKSON
OC-j
OC-k
JOSEPHINE
CURRY
OC-l
Brookings
Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 12 PHSs on the Oregon Coast Highway.
Oregon Coast Highway
ODOT Hwy 009
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
Oregon State University Cascades
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Miles
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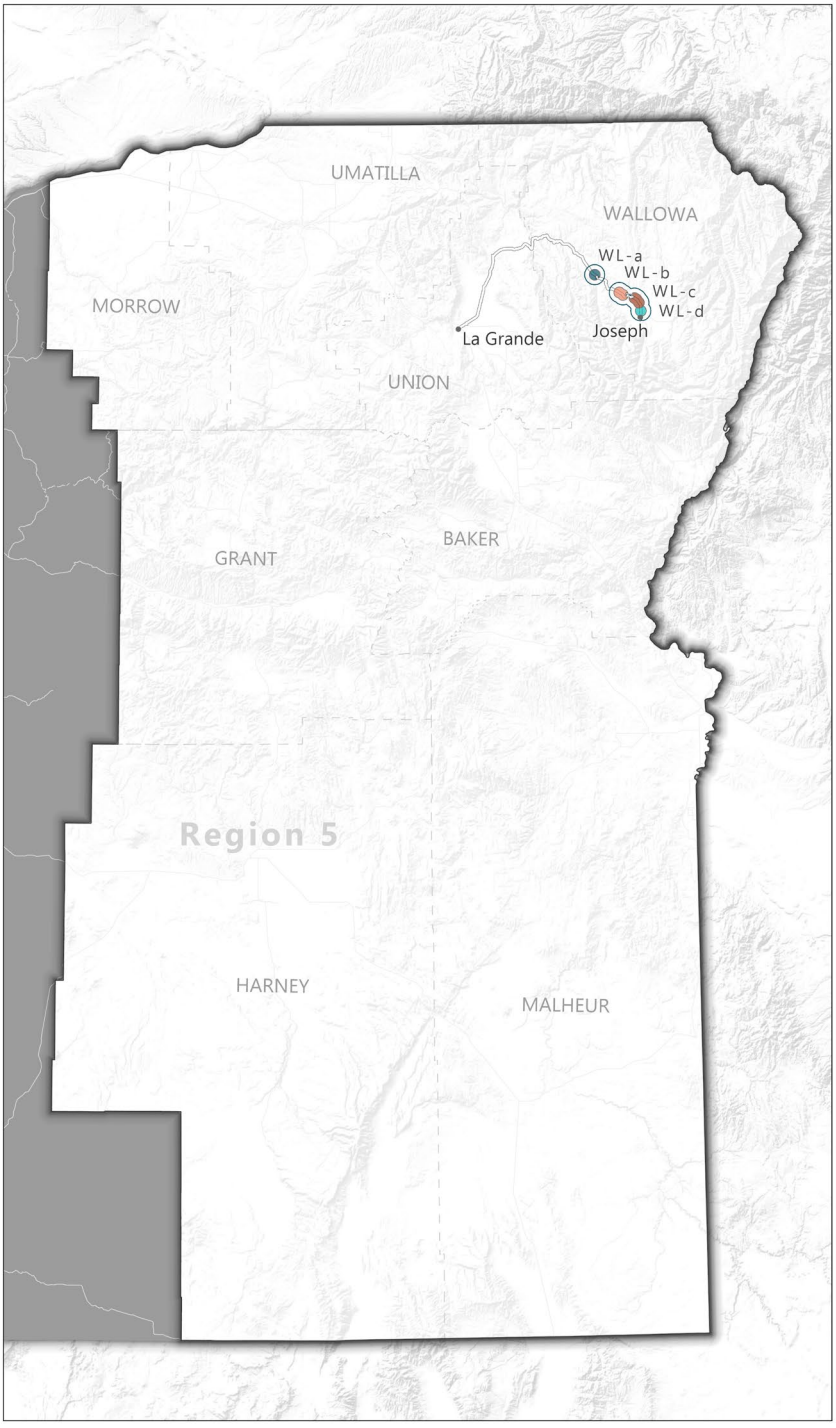
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · WALLOWA LAKE HIGHWAY· ODOT REGION 5



Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments

Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 4 PHSs on the Wallowa Lake Highway.

Wallowa Lake Highway
ODOT Hwy 010

Priority Highway Segment Rank

- Low
- Low-Med
- Med-High
- High

- Highway Priority Zone
- City
- County
- ODOT Region
- Highway of Interest
- Other Highway

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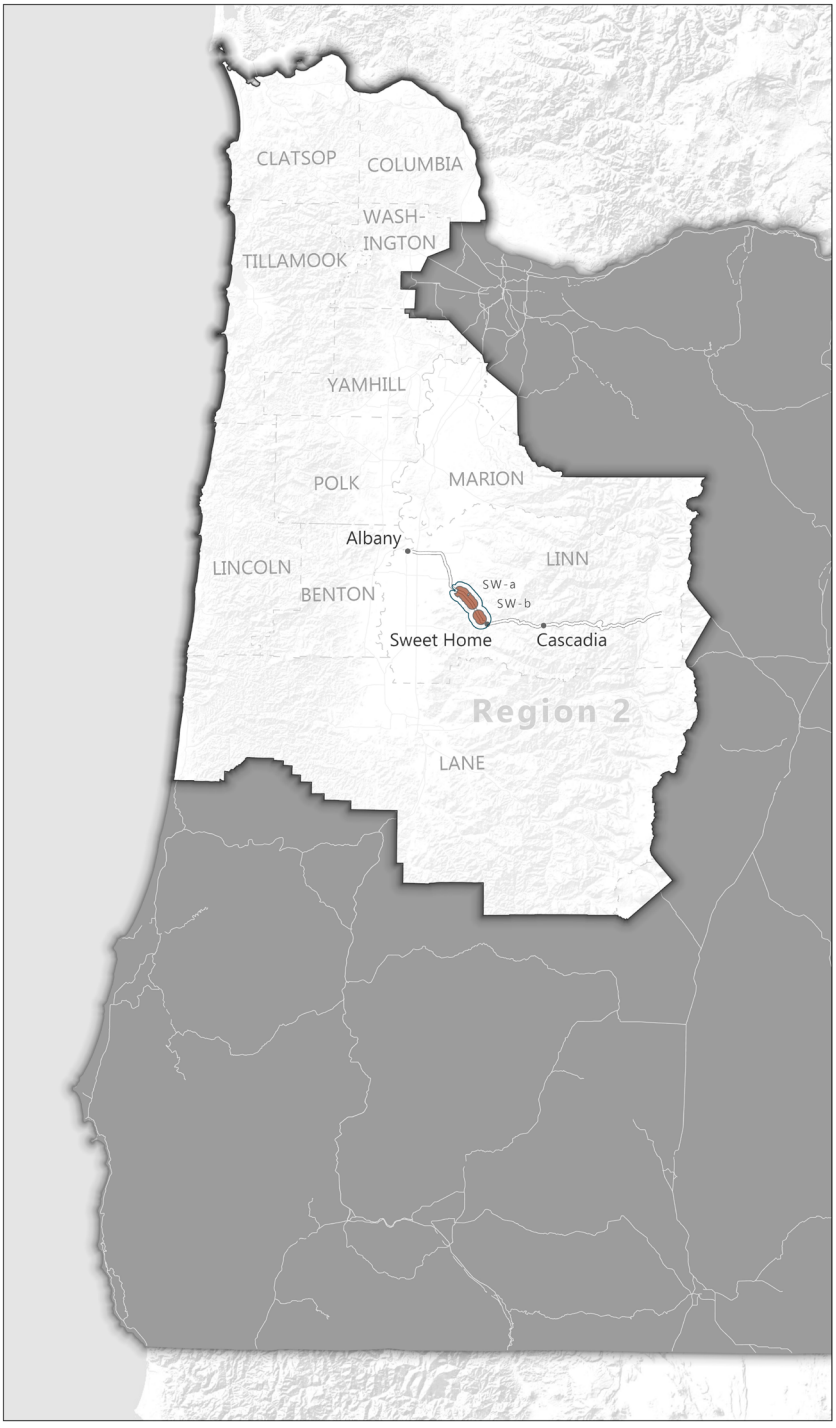
Miles
0 50

OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · SANTIAM HIGHWAY WEST· ODOT REGION 2



Oregon Deer and Elk Crossing Prioritization Project
Priority Highway Segments

Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 2 PHSs on the Santiam Highway west of Santiam Junction.

Santiam Highway (West)
ODOT Hwy 016

Priority Highway Segment Rank

- Low
- Low-Med
- Med-High
- High

- Highway Priority Zone
- City
- County
- ODOT Region
- Highway of Interest
- Other Highway

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Miles
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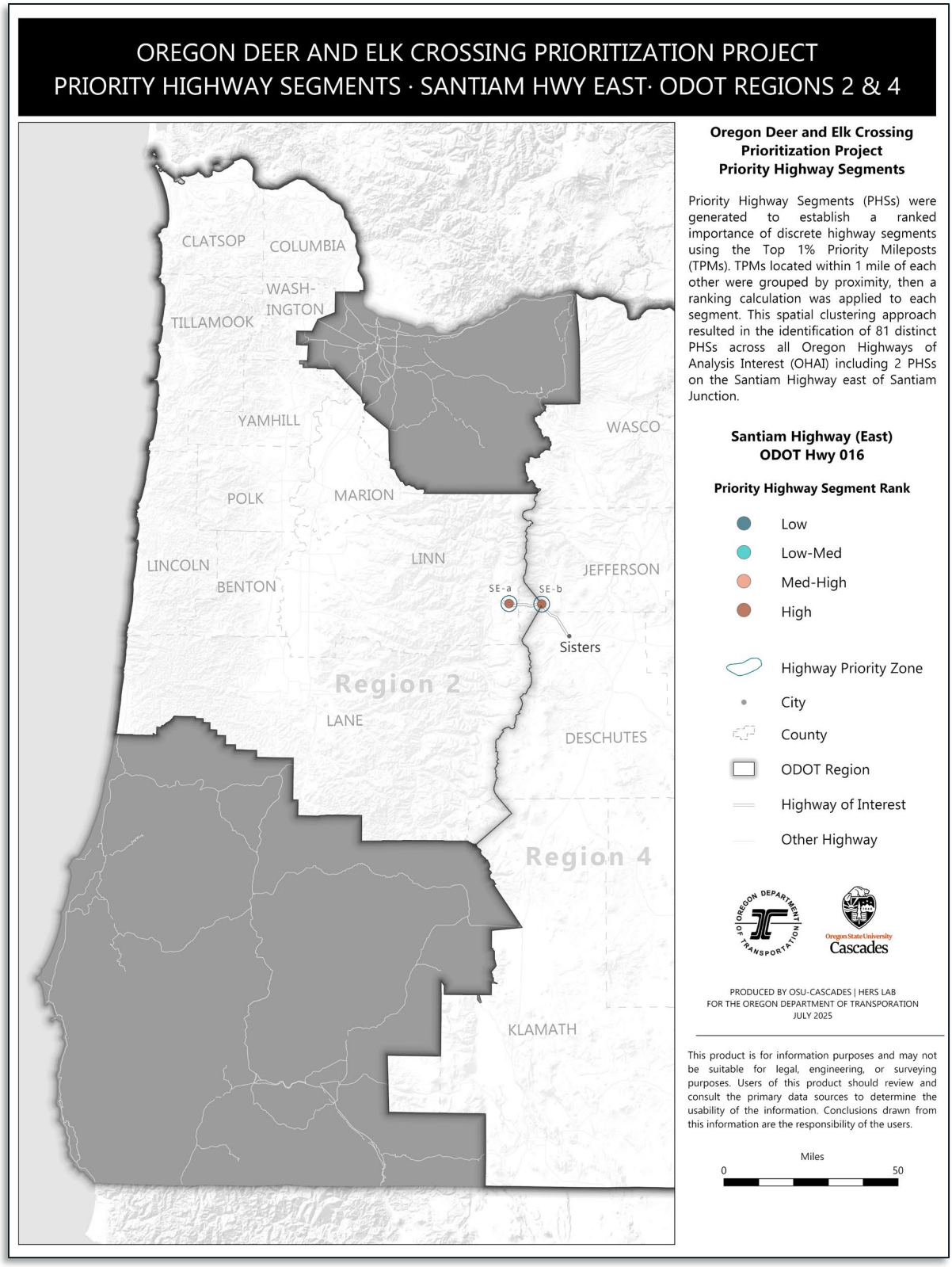
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
PRIORITY HIGHWAY SEGMENTS · SANTIAM HWY EAST· ODOT REGIONS 2 & 4
CLATSOP
COLUMBIA
WASH-
INGTON
TILLAMOOK
YAMHILL
WASCO
POLK
MARION
LINCOLN
LINN
JEFFERSON
BENTON
SE-a
SE-b
Sisters
Region 2
LANE
DESCHUTES
Region 4
KLAMATH
Oregon Deer and Elk Crossing
Prioritization Project
Priority Highway Segments
Priority Highway Segments (PHSs) were generated to establish a ranked importance of discrete highway segments using the Top 1% Priority Mileposts (TPMs). TPMs located within 1 mile of each other were grouped by proximity, then a ranking calculation was applied to each segment. This spatial clustering approach resulted in the identification of 81 distinct PHSs across all Oregon Highways of Analysis Interest (OHAI) including 2 PHSs on the Santiam Highway east of Santiam Junction.
Santiam Highway (East)
ODOT Hwy 016
Priority Highway Segment Rank
Low
Low-Med
Med-High
High
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University
Cascades
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Miles
0
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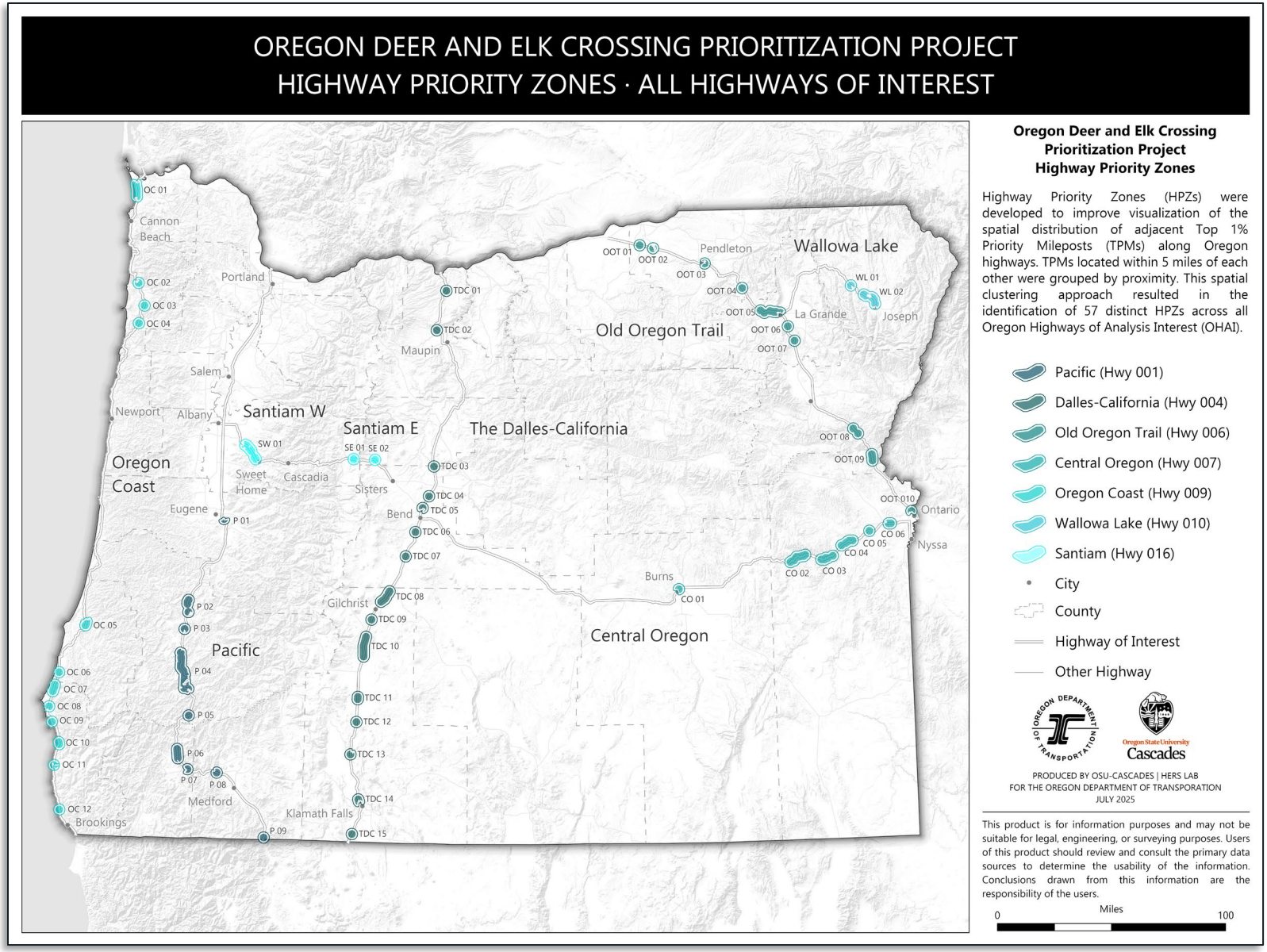
Appendix A – ODECPP Map Products

ODECPP Highway Priority Zone (HPZ) Maps			
Highway Name	**Highway Number**	**Priority Zone Count**	**Page Number**
Statewide	All OHAI	57	55
Pacific	001	9	56
The Dalles-California	004	15	57
Old Oregon Trail	006	10	58
Central Oregon	007	6	59
Oregon Coast	009	12	60
Wallowa Lake	010	2	61
Santiam East	016	2	62
Santiam West	016	1	63


OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
HIGHWAY PRIORITY ZONES · ALL HIGHWAYS OF INTEREST
Oregon Deer and Elk Crossing Prioritization Project Highway Priority Zones
Highway Priority Zones (HPZs) were developed to improve visualization of the spatial distribution of adjacent Top 1% Priority Mileposts (TPMs) along Oregon highways. TPMs located within 5 miles of each other were grouped by proximity. This spatial clustering approach resulted in the identification of 57 distinct HPZs across all Oregon Highways of Analysis Interest (OHAI).
Pacific (Hwy 001)
Dalles-California (Hwy 004)
Old Oregon Trail (Hwy 006)
Central Oregon (Hwy 007)
Oregon Coast (Hwy 009)
Wallowa Lake (Hwy 010)
Santiam (Hwy 016)
City
County
Highway of Interest
Other Highway
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JULY 2025
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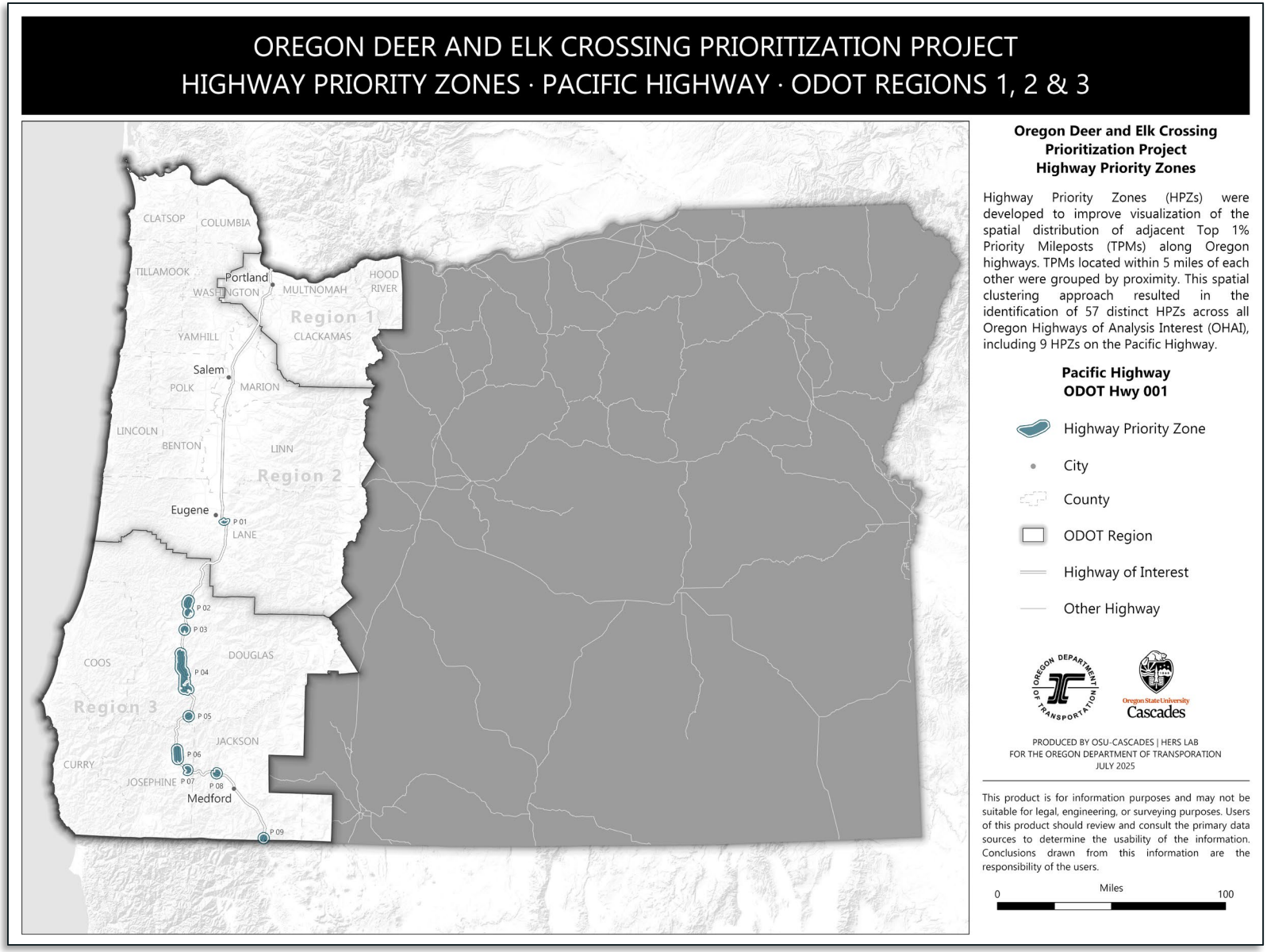
Miles
0
100
Cannon Beach
Portland
Salem
Albany
Newport
Eugene
Oregon Coast
Santiam W
Santiam E
Sweet Home
Cascadia
Sisters
Maupin
Bend
Gilchrist
Burns
Pendleton
La Grande
Wallowa Lake
Joseph
Ontario
Nyssa
Old Oregon Trail
The Dalles-California
Central Oregon
Pacific
Medford
Klamath Falls
Brookings


OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
HIGHWAY PRIORITY ZONES · PACIFIC HIGHWAY · ODOT REGIONS 1, 2 & 3
CLATSOP
COLUMBIA
TILLAMOOK
Portland
WASHINGTON
MULTNOMAH
HOOD RIVER
Region 1
YAMHILL
CLACKAMAS
Salem
POLK
MARION
LINCOLN
BENTON
LINN
Region 2
Eugene
P 01
LANE
P 02
P 03
COOS
DOUGLAS
P 04
Region 3
P 05
JACKSON
P 06
CURRY
JOSEPHINE
P 07
P 08
Medford
P 09
Oregon Deer and Elk Crossing Prioritization Project
Highway Priority Zones
Highway Priority Zones (HPZs) were developed to improve visualization of the spatial distribution of adjacent Top 1% Priority Mileposts (TPMs) along Oregon highways. TPMs located within 5 miles of each other were grouped by proximity. This spatial clustering approach resulted in the identification of 57 distinct HPZs across all Oregon Highways of Analysis Interest (OHAI), including 9 HPZs on the Pacific Highway.
Pacific Highway
ODOT Hwy 001
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University
Cascades
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JULY 2025
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Miles
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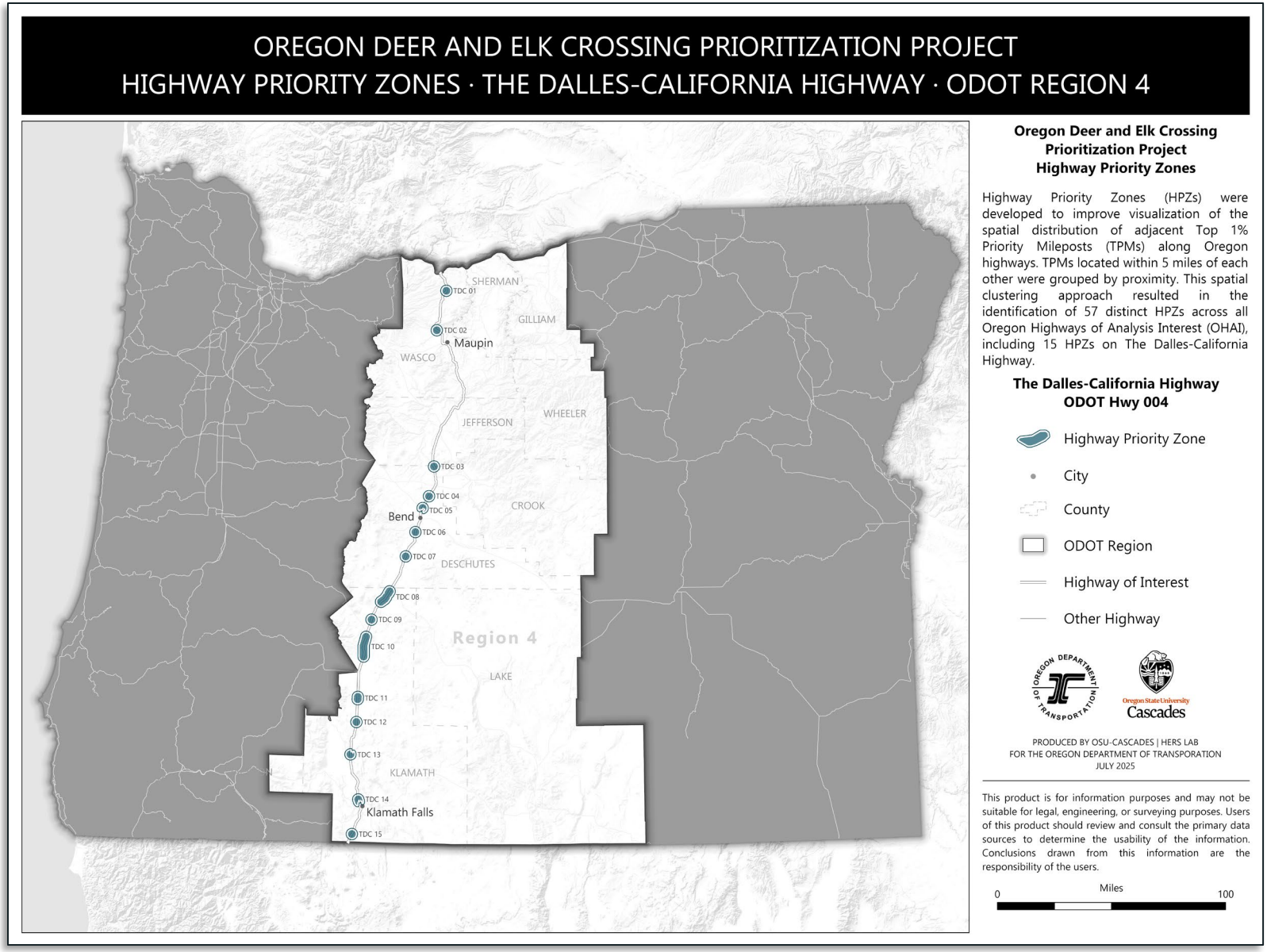
OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
HIGHWAY PRIORITY ZONES · THE DALLES-CALIFORNIA HIGHWAY · ODOT REGION 4
SHERMAN
GILLIAM
WASCO
Maupin
JEFFERSON
WHEELER
CROOK
Bend
DESCHUTES
Region 4
LAKE
KLAMATH
Klamath Falls
TDC 01
TDC 02
TDC 03
TDC 04
TDC 05
TDC 06
TDC 07
TDC 08
TDC 09
TDC 10
TDC 11
TDC 12
TDC 13
TDC 14
TDC 15
Oregon Deer and Elk Crossing Prioritization Project
Highway Priority Zones
Highway Priority Zones (HPZs) were developed to improve visualization of the spatial distribution of adjacent Top 1% Priority Mileposts (TPMs) along Oregon highways. TPMs located within 5 miles of each other were grouped by proximity. This spatial clustering approach resulted in the identification of 57 distinct HPZs across all Oregon Highways of Analysis Interest (OHAI), including 15 HPZs on The Dalles-California Highway.
The Dalles-California Highway
ODOT Hwy 004
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University Cascades
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Miles
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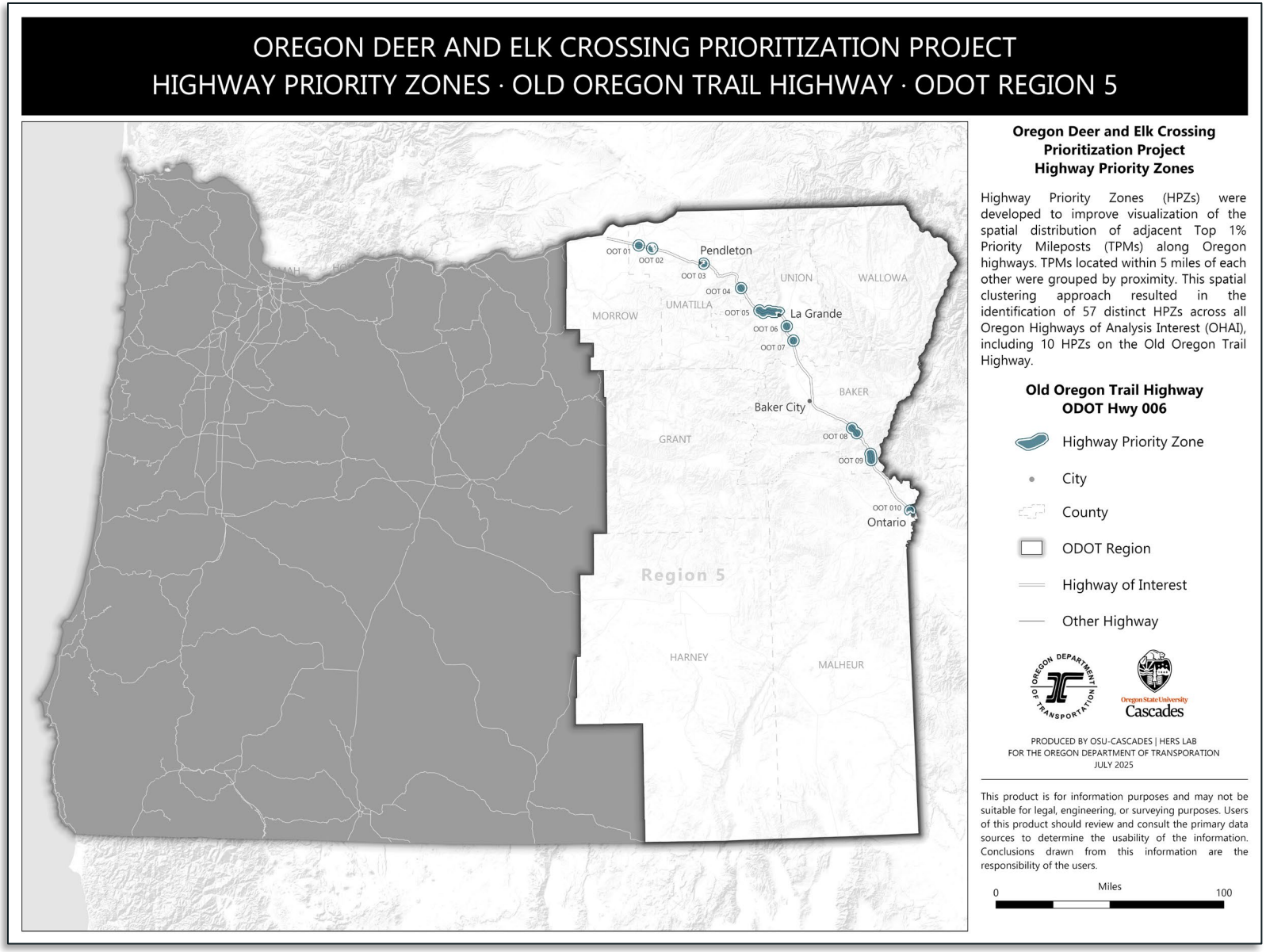
100


OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
HIGHWAY PRIORITY ZONES · OLD OREGON TRAIL HIGHWAY · ODOT REGION 5
OOT 01
OOT 02
Pendleton
OOT 03
OOT 04
UNION
WALLOWA
MORROW
UMATILLA
OOT 05
La Grande
OOT 06
OOT 07
BAKER
Baker City
GRANT
OOT 08
OOT 09
OOT 010
Ontario
Region 5
HARNEY
MALHEUR
Oregon Deer and Elk Crossing Prioritization Project
Highway Priority Zones
Highway Priority Zones (HPZs) were developed to improve visualization of the spatial distribution of adjacent Top 1% Priority Mileposts (TPMs) along Oregon highways. TPMs located within 5 miles of each other were grouped by proximity. This spatial clustering approach resulted in the identification of 57 distinct HPZs across all Oregon Highways of Analysis Interest (OHAI), including 10 HPZs on the Old Oregon Trail Highway.
Old Oregon Trail Highway
ODOT Hwy 006
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University Cascades
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JULY 2025
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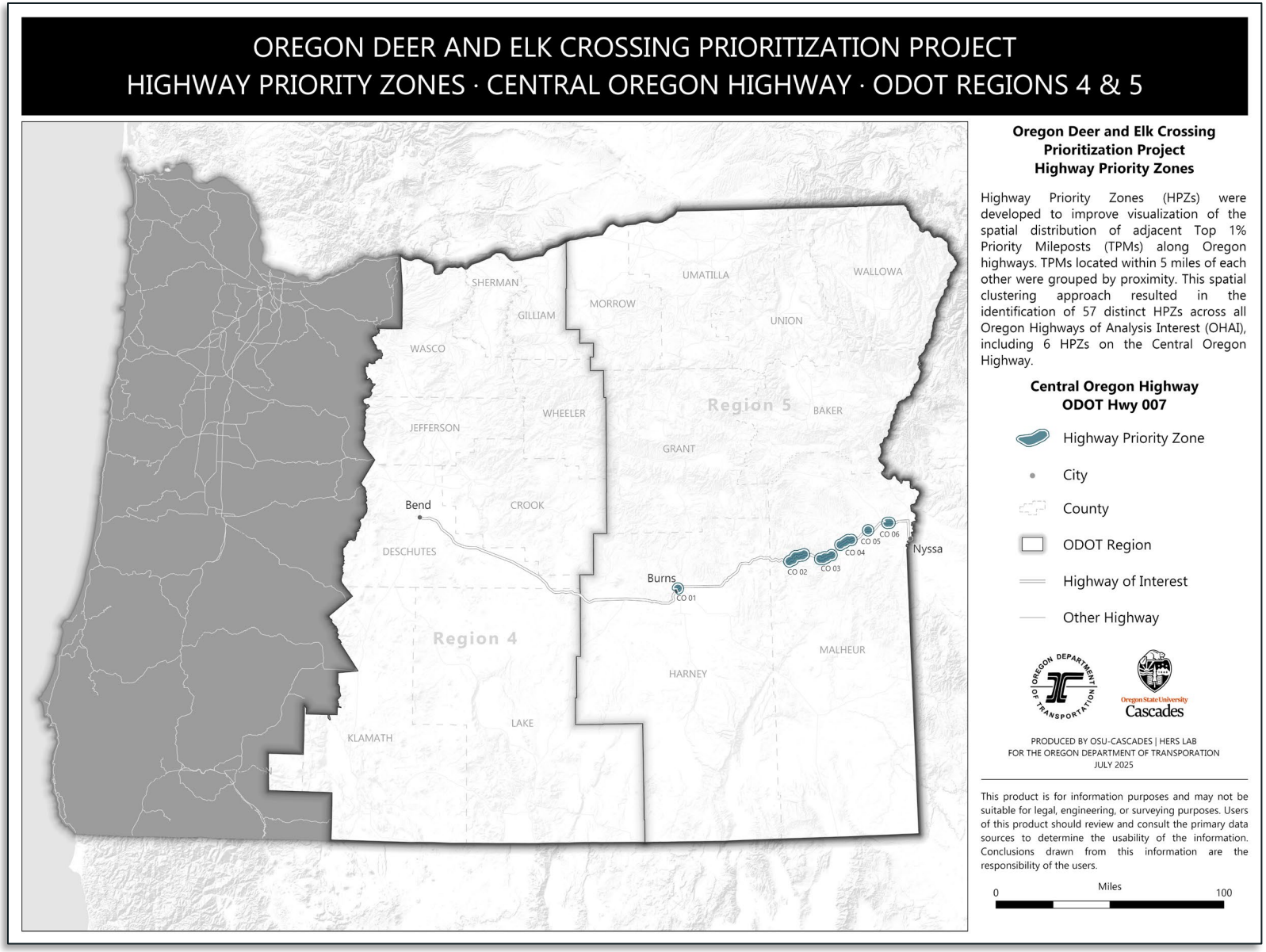
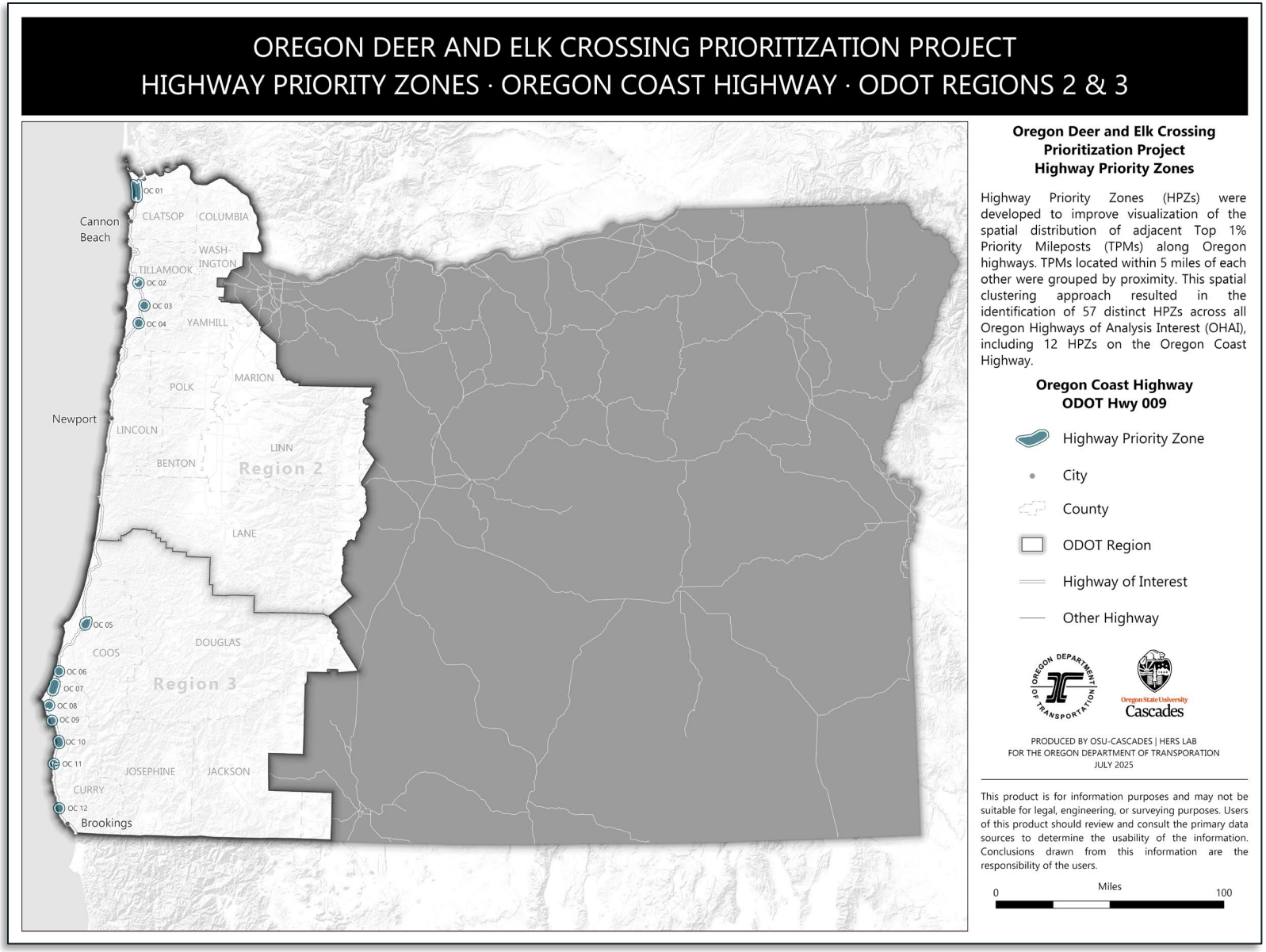
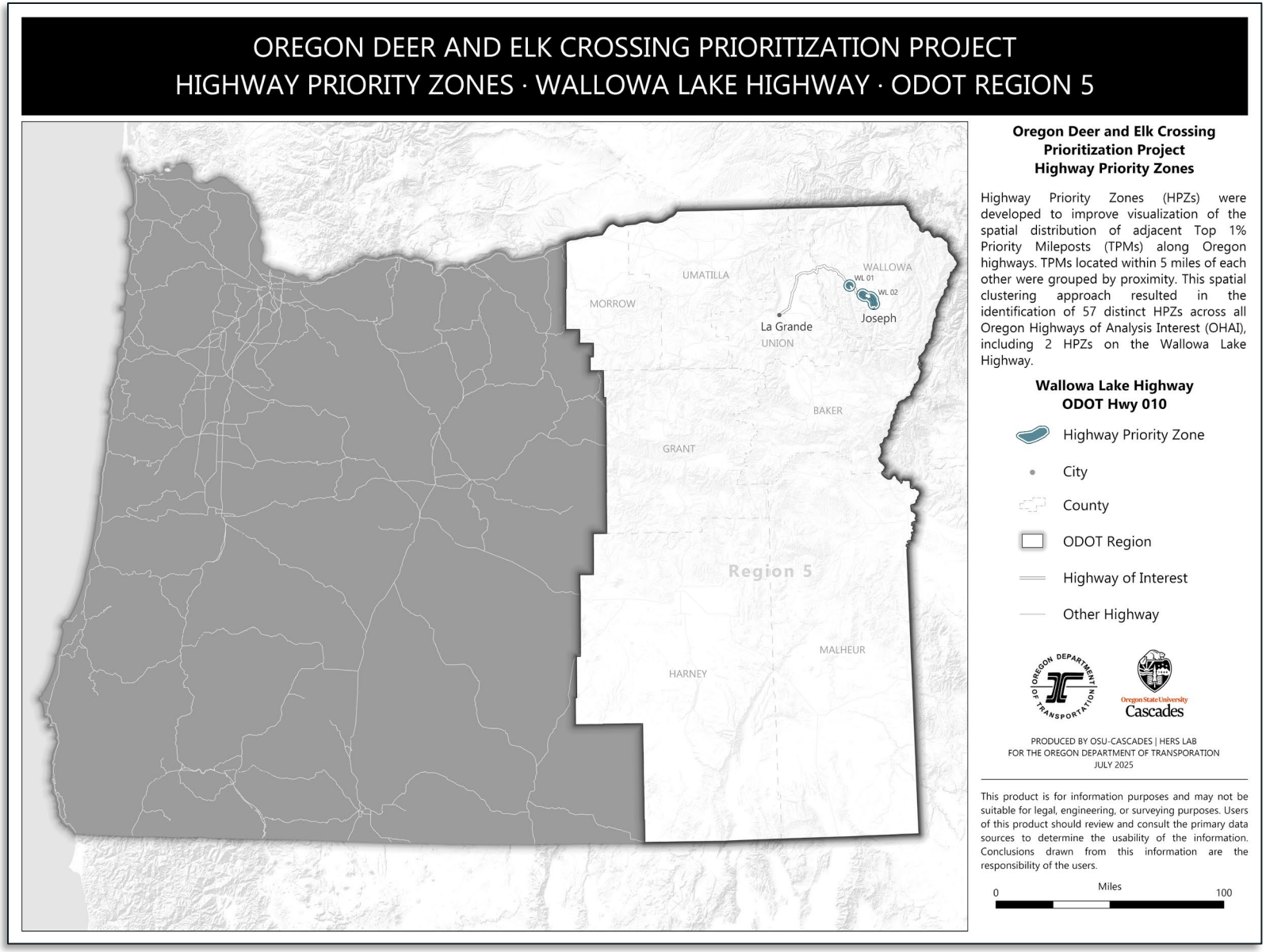
0
Miles
100

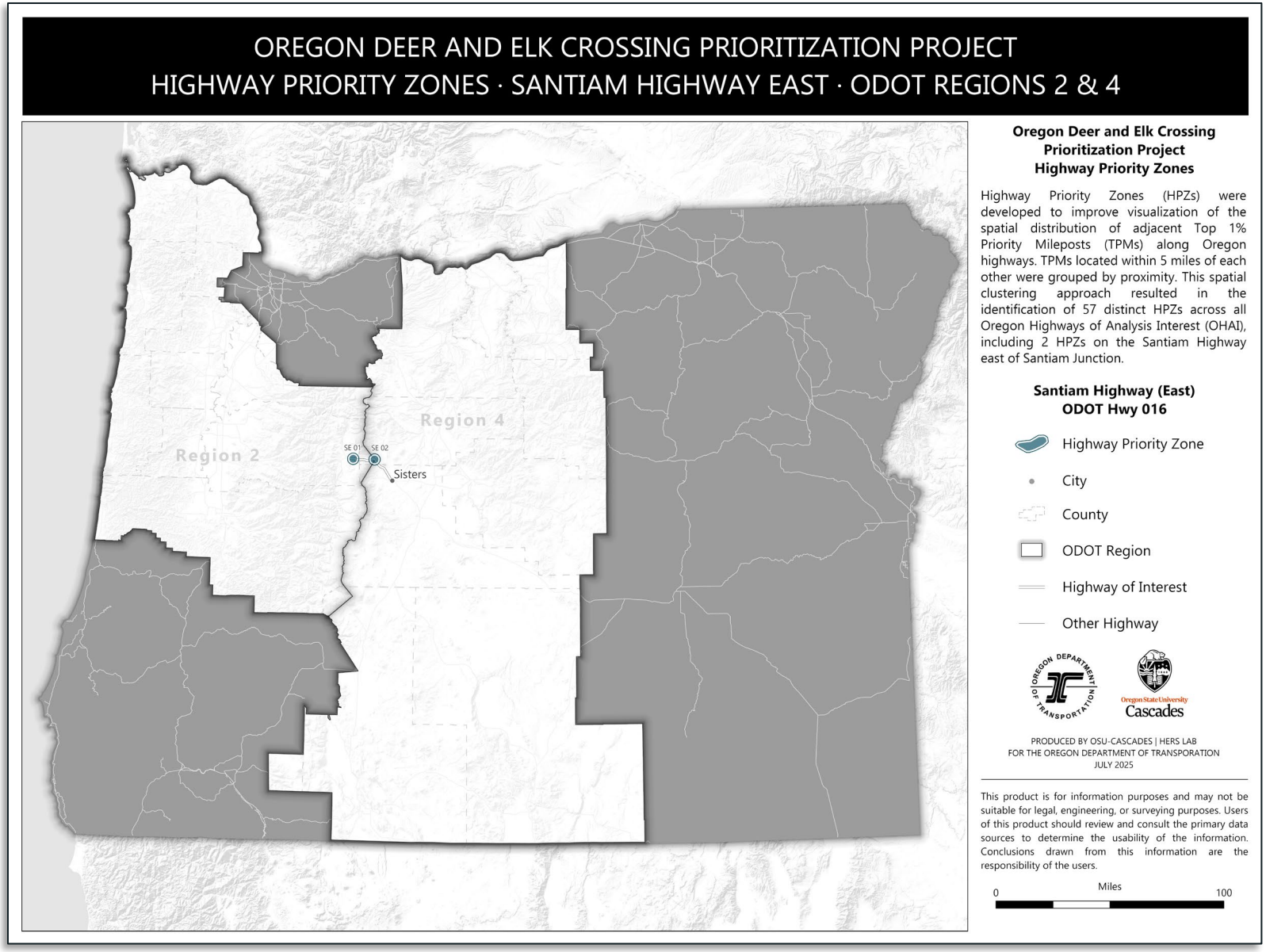

OREGON DEER AND ELK CROSSING PRIORITIZATION PROJECT
HIGHWAY PRIORITY ZONES · CENTRAL OREGON HIGHWAY · ODOT REGIONS 4 & 5
SHERMAN
GILLIAM
MORROW
UMATILLA
WALLOWA
UNION
WASCO
WHEELER
Region 5
BAKER
JEFFERSON
GRANT
Bend
CROOK
DESCHUTES
CO 06
CO 05
CO 04
CO 03
CO 02
Nyssa
Burns
CO 01
Region 4
MALHEUR
HARNEY
LAKE
KLAMATH
Oregon Deer and Elk Crossing Prioritization Project
Highway Priority Zones
Highway Priority Zones (HPZs) were developed to improve visualization of the spatial distribution of adjacent Top 1% Priority Mileposts (TPMs) along Oregon highways. TPMs located within 5 miles of each other were grouped by proximity. This spatial clustering approach resulted in the identification of 57 distinct HPZs across all Oregon Highways of Analysis Interest (OHAI), including 6 HPZs on the Central Oregon Highway.
Central Oregon Highway
ODOT Hwy 007
Highway Priority Zone
City
County
ODOT Region
Highway of Interest
Other Highway
OREGON DEPARTMENT OF TRANSPORTATION
Oregon State University
Cascades
PRODUCED BY OSU-CASCADES | HERS LAB
FOR THE OREGON DEPARTMENT OF TRANSPORATION
JULY 2025
This product is for information purposes and may not be suitable for legal, engineering, or surveying purposes. Users of this product should review and consult the primary data sources to determine the usability of the information. Conclusions drawn from this information are the responsibility of the users.
0
Miles
100



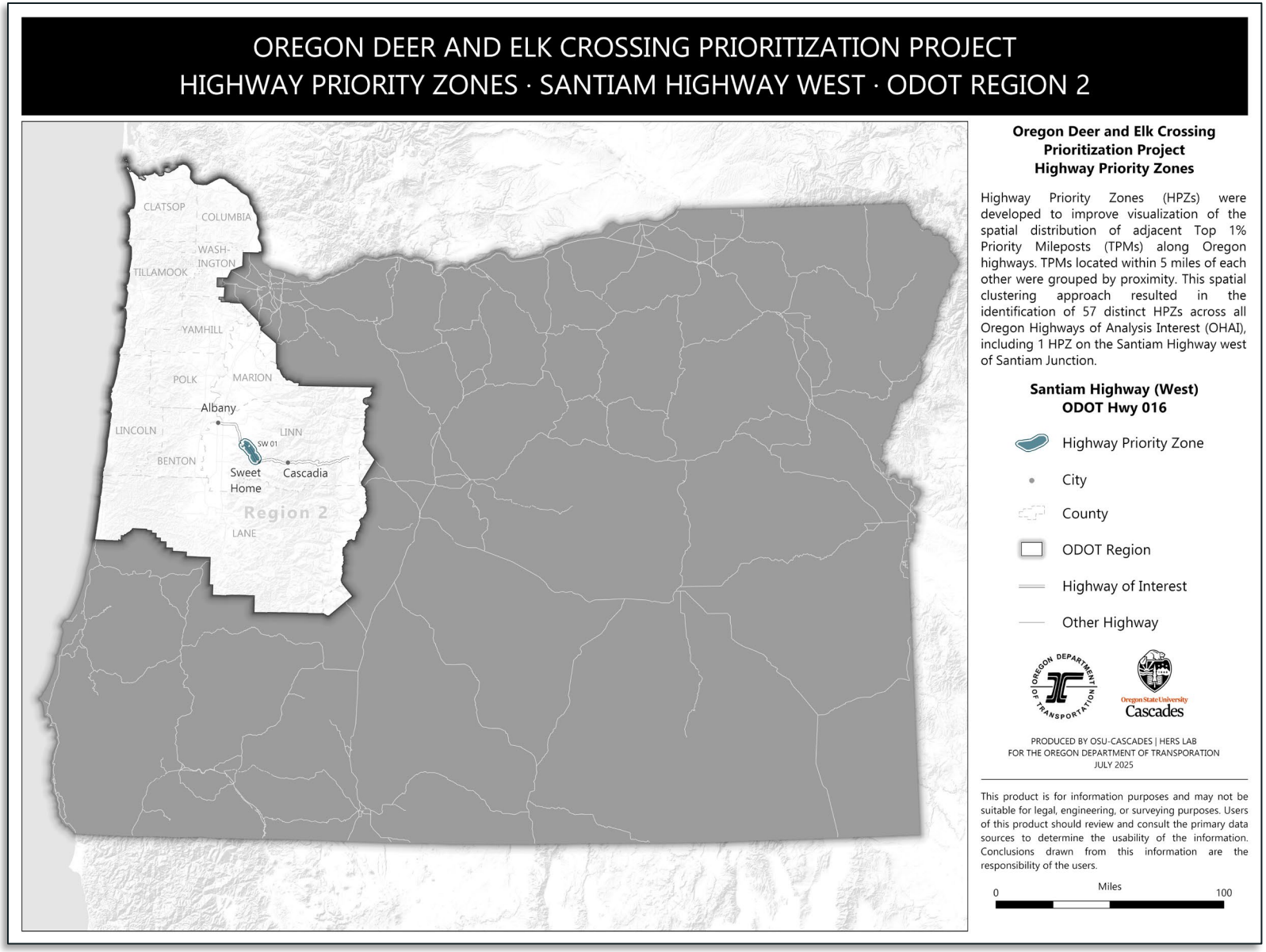
ODECPP HPZ Map I



ODECPP HPZ Map II



ODECPP HPZ Map III



ODECPP HPZ Map IV

Appendix A – ODECPP Map Products