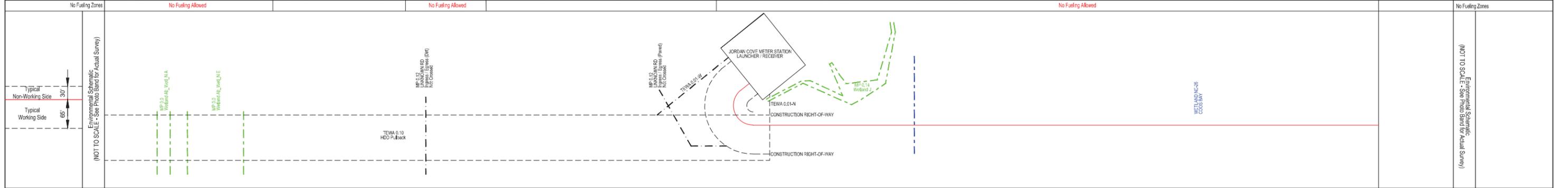

APPENDIX F.10
Plan of Development
(continued)

| | | | | |
|--|--|------------------|------------|---|
| Legal Location | SEC 4, T2S, R13W (Mineral Lease No: 29902-0G) | SEC 3, T2S, R13W | | Legal Location |
| Ownership / Management | CO-009.000 | CO-010.000 | CO-010.002 | CO-011.000 |
| Jurisdiction | COOS COUNTY | | | Jurisdiction |
| Federal Land Use Allocation | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Alt Wet NA Alt Wet NE | | | NE-026 HDD |
| Crossing Method / Instream Construction Window | NONE | | | PEREGRINE FALCON (JANUARY 1 - JULY 31 (No Activity)) |
| Biological Seasonal Construction Window (as of September 2017) | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | BVA #1 JORDAN COVE METER STATION & LAUNCHER / RECEIVER AND HYDROSTATIC TEST HEADER | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Estuaries Management Area | | | | | | |
| 6 - Harvest Land Base (Unmowed/Agro-Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

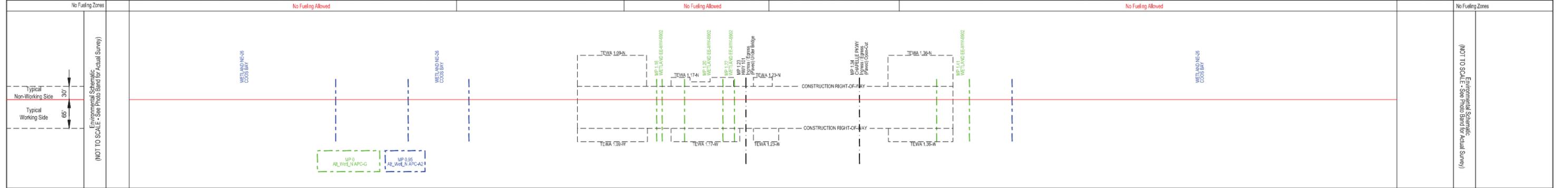
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #1
MP 0.00 TO 0.68
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-001 SHEET 1 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|---|-------------------|------------|--|--------------------|--------------------|--------------------|------------|------------|---|
| Legal Location | SEC 10, T2S, R13W | | | | | | | | Legal Location |
| Ownership / Management | CO-011.000 | CO-011.059 | CO-011.081 | CO-011.059 | CO-011.045 | CO-011.058 | CO-011.080 | CO-011.145 | Ownership / Management |
| Jurisdiction | | | | | | | | | Jurisdiction |
| Federal Landuse Allocation | | | | | | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | NE-026 | NE-026 | Wetland EE-WW-9902 | Wetland EE-WW-9902 | Wetland EE-WW-9902 | Wetland EE-WW-9902 | NE-026 | NE-026 | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | HDD | HDD | PEREGRINE FALCON (JANUARY 1 - JULY 31) | | | | HDD | HDD | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | NONE | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|----------|-------------------------------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | DATE | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | Aug-2019 | Issued for FERC DEIS Response |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

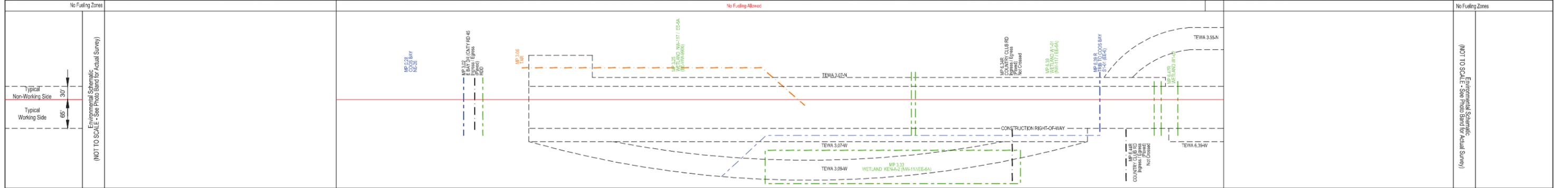
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #1
MP 0.68 TO 1.80
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-002 | SHEET 2 OF 226 |

| | | | | | | |
|---|--|--------------------|-------------------|-------------------|-------------------|---|
| Legal Location | | SEC 12, T25S, R13W | SEC 1, T25S, R13W | SEC 6, T25S, R13W | SEC 6, T25S, R13W | Legal Location |
| Ownership / Management | CO-026.104 CO-026.124 CO-011.000 | CO-026.103 | CO-026.001 | CO-026.000 | CO-026.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | | Jurisdiction |
| Federal Land Use Allocation | JAN - DEC | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | EE-6A | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | EE-6A Trib to Coos Bay W1-02 | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|--|--|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | | |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | |

| FEDERAL LANDS SOIL RISK SENSITIVITY RANK | |
|--|--------|
| 1-Very Low | 2-Low |
| 3-Moderate | 4-High |
| 5-Very High | |

PUBLIC

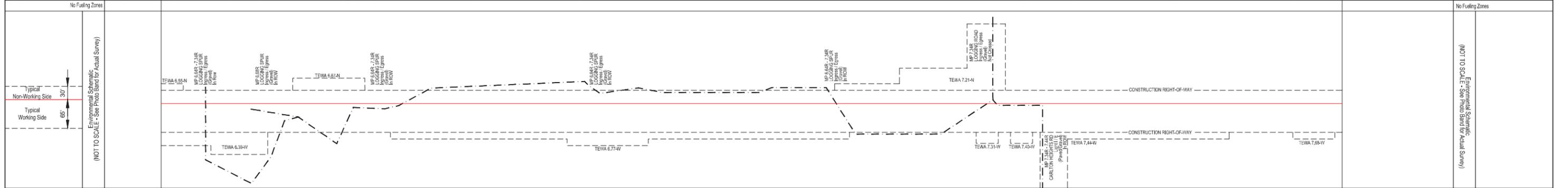
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #1
MP 2.90 TO 6.54R
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-004 | SHEET 4 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|---|---|------------|------------|------------|-------------------|------------|------------|------------------------|---|
| Legal Location | SEC 6, T25S, R12W | | | | SEC 7, T25S, R12W | | | | Legal Location |
| Ownership / Management | CO-029.000 | CO-031.000 | CO-031.000 | CO-032.000 | CO-033.000 | CO-032.000 | CO-034.000 | Ownership / Management | |
| Jurisdiction | COOS COUNTY | | | | | | | | Jurisdiction |
| Federal Landuse Allocation | | | | | | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (OTR)) | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | NONE | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (CULTURAL) | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------------------|----|--|-----------|------|--|--|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | | |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

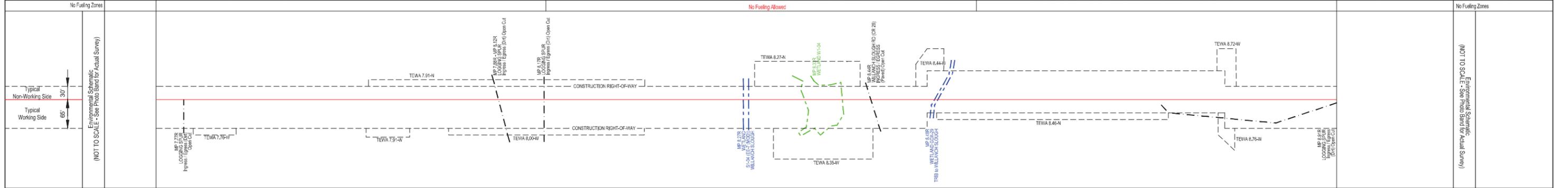
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #1 & #2
MP 6.54R TO 7.73R
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-005 | SHEET 5 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | |
|---|---|------------|-------------------------|--------------------|----------------------------------|------------|----------------|------------------------|
| Legal Location | SEC 7, T25S, R12W | | SEC 16, T25S, R12W | | SEC 17, T25S, R12W | | Legal Location | |
| Ownership / Management | CO-034.000 | CO-036.001 | CO-036.000 | CO-038.000 CR28 | CO-041.000 | CO-043.000 | CO-044.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | | | | |
| Federal Land Use Allocation | NOW - APR | | | | | | | |
| Areas of High Groundwater (Potential Trench Dewatering) | Willanch slough | | | | | | | |
| Wetland / Waterbody | Wetland W1-04 | | | | | | | |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | Trib to Willanch Slough | | Dry Open-Cut / July 1 - Sept. 15 | | | |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRS)) | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | ACCESS DENIED (WETLAND) | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | ACCESS DENIED (CULTURAL / WETLAND) | | | | | | | |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) | | | | | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|--|--|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | | |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

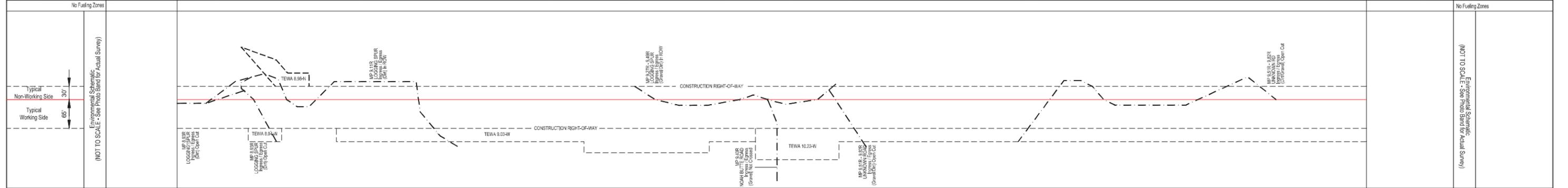
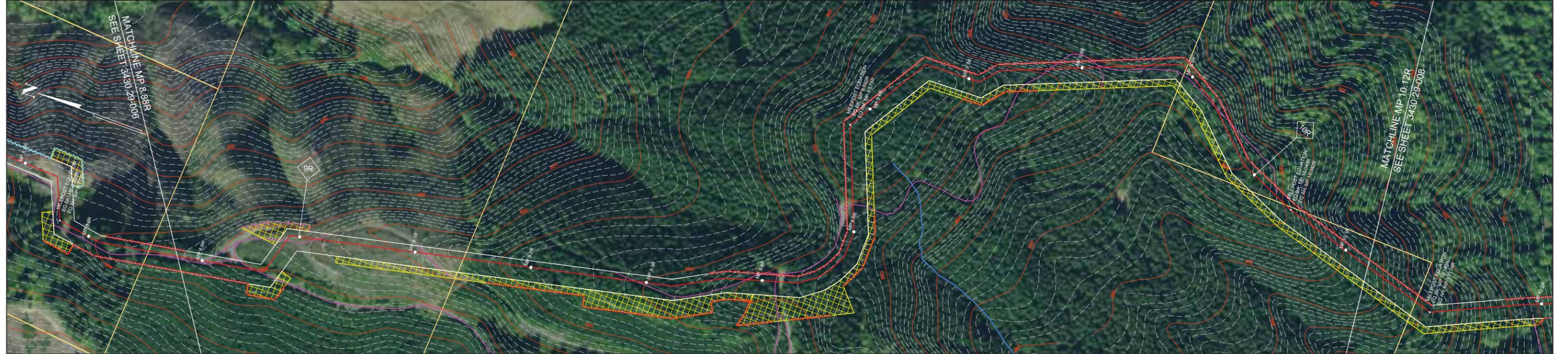
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 7.73R TO 8.88R
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-006 | SHEET 6 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|--|--|--------------------|------------|------------|--|
| Legal Location | SEC 17, T25S, R12W | SEC 20, T25S, R12W | | | Legal Location |
| Ownership / Management | CO-044.000 | CO-045.000 | CO-045.050 | CO-045.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | Jurisdiction |
| Federal Land Use Allocation | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRS)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) | | | | ACCESS DENIED (WETLAND / CULTURAL) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

Proposed Pipeline

Construction Right-of-Way

- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Tax Parcel Boundaries

Wetland

Stream

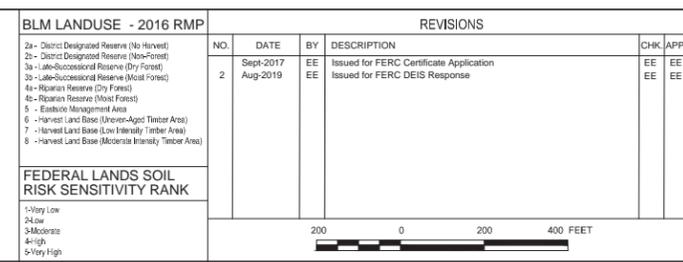
Access Road

Permanent / Temporary Access Road (PAR / TAR)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | | |
|---|------|-----------|----|------|------|----|----|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | | | | |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | | | | |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | | | | |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | | |
| 5 - Establis Management Area | | | | | | | |
| 6 - Harvest Land Base (Unknow-Aged Timber Area) | | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | | |
| <table border="1"> <thead> <tr> <th>CHK.</th> <th>APP.</th> </tr> </thead> <tbody> <tr> <td>EE</td> <td>EE</td> </tr> </tbody> </table> | | | | CHK. | APP. | EE | EE |
| CHK. | APP. | | | | | | |
| EE | EE | | | | | | |
| <p>FEDERAL LANDS SOIL RISK SENSITIVITY RANK</p> <p>1-Very Low 2-Low 3-Moderate 4-High 5-Very High</p> | | | | | | | |



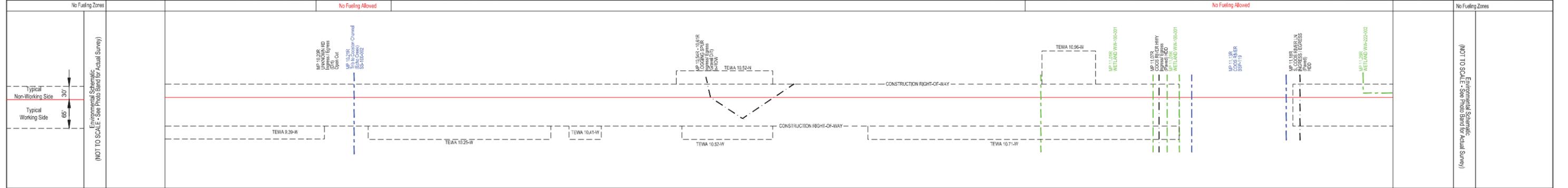
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 8.88R TO 10.12R
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-007 SHEET 7 OF 22

| | | | | | | | | | | |
|--|---------------------------------|------------|------------|-------------------------|------------|------------|-------------------------------------|------------|------------------------|----------------|
| Legal Location | SEC 20, T25S, R12W | | | SEC 29, T25S, R12W | | | SEC 28, T25S, R12W | | | Legal Location |
| Ownership / Management | CO-045.000 | CO-045.050 | CO-045.051 | CO-045.052 | CO-045.054 | CO-045.054 | CO-045.055 | CO-045.055 | Ownership / Management | |
| Jurisdiction | COOS COUNTY | | | | | | | | | |
| Federal Land Use Allocation | | | | | | | | | | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | | |
| Wetland / Waterbody | Trib. to Cooscon Channel | | | JAN - DEC WW-103-001 | | | NOV - APR WW-222-002 | | | |
| Crossing Method / Instream Construction Window | Dry Open Cut / Jul. 1 - Sep. 15 | | | Cocos River (BSP-119) | | | HDD / Oct. 1 - Feb. 15 (see note 8) | | | |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | | | | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

| | | | | |
|------------|-------|------------|--------|-------------|
| 1-Very Low | 2-Low | 3-Moderate | 4-High | 5-Very High |
|------------|-------|------------|--------|-------------|

REVISIONS

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

Scale: 1 inch = 200 Feet

PUBLIC

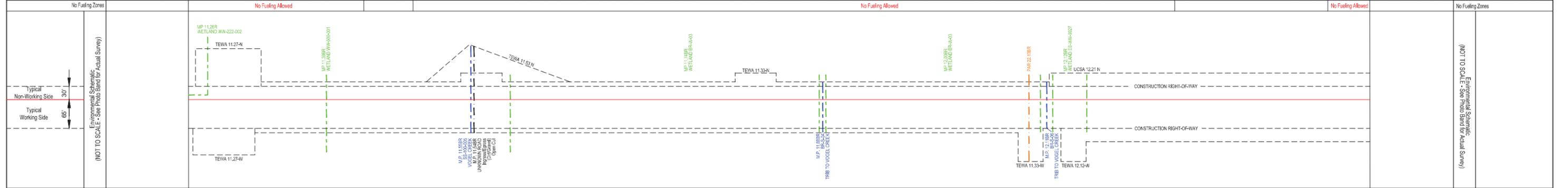
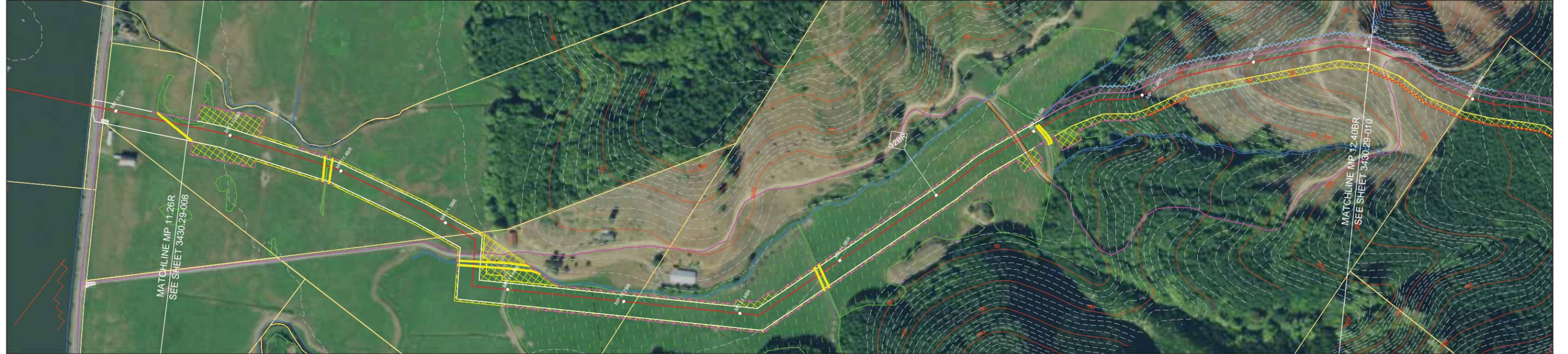
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 10.12R TO 11.26R
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-008 SHEET 8 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | |
|---|---------------------------------|------------|-------------|---------------------------------|---------------------|---------------------------------|---|
| Legal Location | T25S, R12W, Section 28 | | | T25S, R12W, Section 33 | | | Legal Location |
| Ownership / Management | CO-045.055 | CO-045.100 | | CO-045.101 | | | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | | | Jurisdiction |
| Federal Landuse Allocation | | | | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | JAN - DEC | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | WW-500-001 | WW-500-001 | Vogel Creek | BRW-03 | Trib To Vogel Creek | BRW-03 | Trib To Vogel Creek EE-WW-9927 |
| Crossing Method / Instream Construction Window | Dry Open Cut / Jul. 1 - Sep. 15 | | | Dry Open Cut / Jul. 1 - Sep. 15 | | Dry Open Cut / Jul. 1 - Sep. 15 | |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 1 inch = 200 Feet

PUBLIC

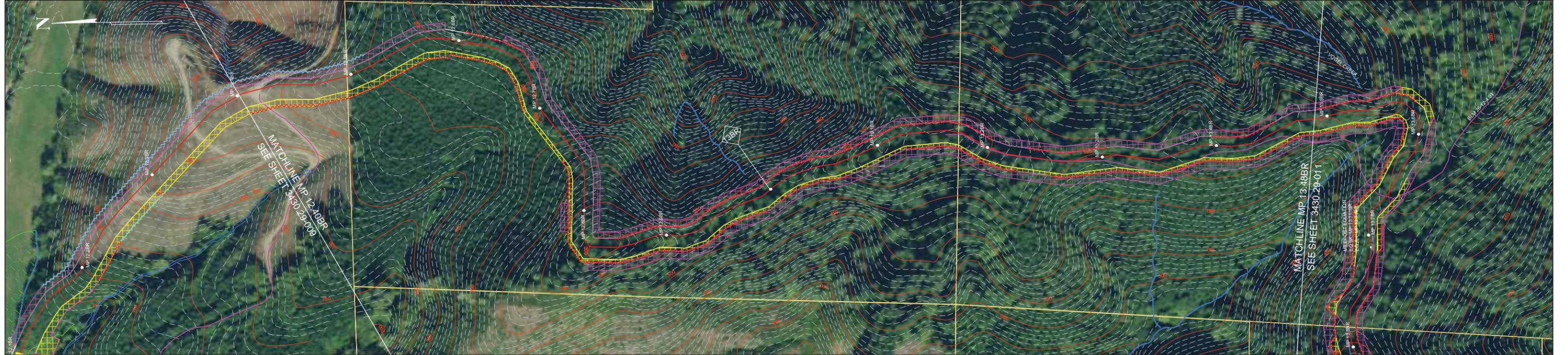
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 11.26R TO 12.40BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-009 | SHEET 9 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | | | | |
|---|--|----|------------|----|-----------------------|----|---|----|------------------------|----|---|----|
| Legal Location | T25S, R12W, Section 33 | | | | T26S, R12W, Section 4 | | | | Legal Location | | | |
| Ownership / Management | CO-045.101 | | CO-045.102 | | CO-045.103 | | | | Ownership / Management | | | |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | | | | | Jurisdiction | | | |
| Federal Landuse Allocation | 8 | 4b | 8 | 2b | 4b | 2b | 8 | 2b | 3b | 4b | 8 | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | | | | |
| Wetland / Waterbody | | | | | | | | | | | | |
| Crossing Method / Instream Construction Window | | | | | | | | | | | | |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | | | | |
| Survey Status (wetlands as of July 2017) | | | | | | | | | | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | | | | | |
|------------------------|-----------|----|---|-----------|------|-----|------|----|-------------|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | | | | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

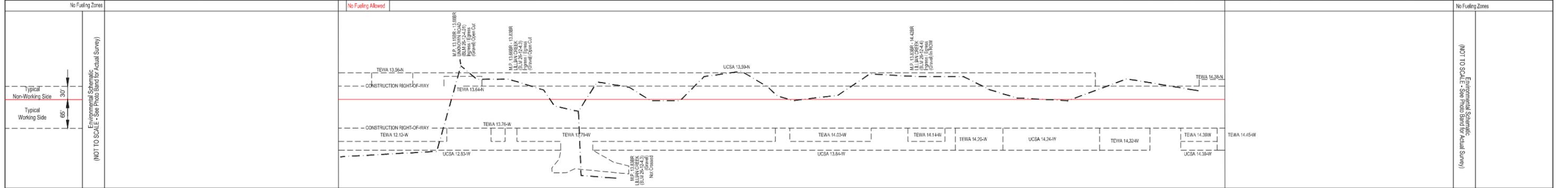
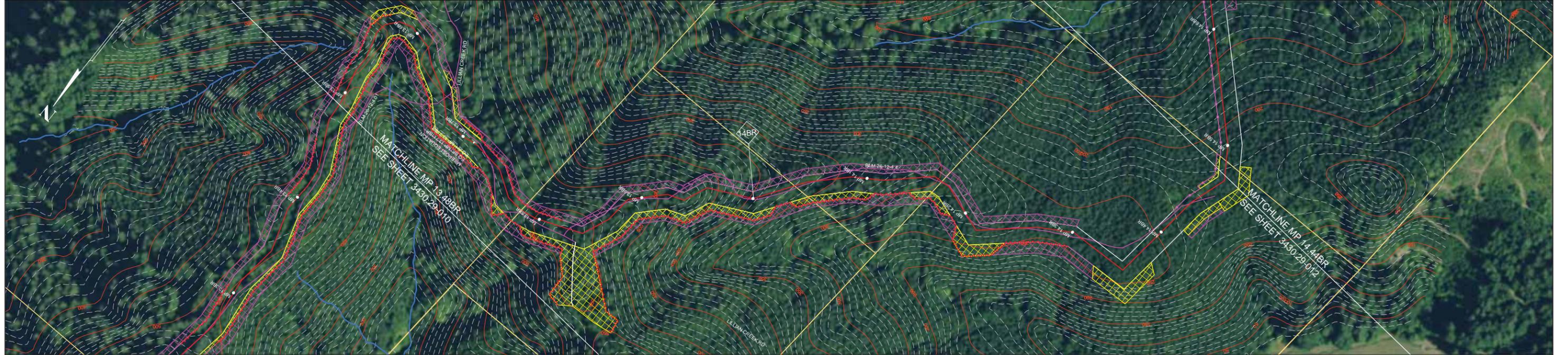
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 12.40BR TO 13.48BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-010 | SHEET 10 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|---|--|------------|-------------|------------|---|
| Legal Location | SEC 3, T25S, R13W | | | | Legal Location |
| Ownership / Management | CO-045.103 | CO-045.104 | CO-045.105 | CO-045.106 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | COOS COUNTY | | Jurisdiction |
| Federal Land Use Allocation | 3c | 2a | 8 | 2b | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Trib to Stock Slough | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Estabio Management Area | | | | | |
| 6 - Harvest Land Base (Unrover-Aged Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

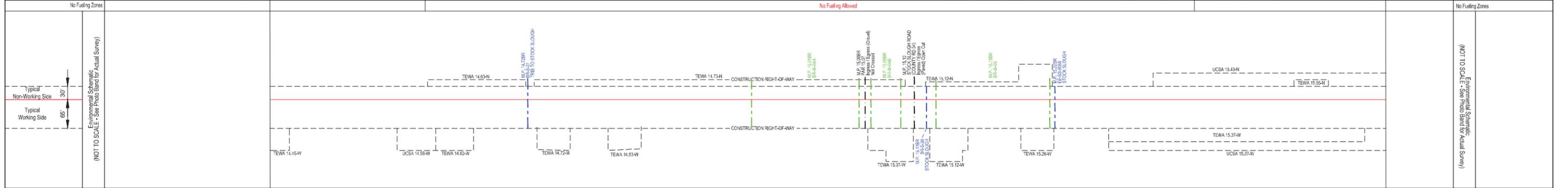
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 13.48BR TO 14.44BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-011 | SHEET 11 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|---|---|------------|------------|--|-----------------------|------------|------------|------------------------|----------------|
| Legal Location | T26S, R12W, Section 4 | | | | T26S, R12W, Section 9 | | | | Legal Location |
| Ownership / Management | CO-045.106 | CO-045.107 | CO-045.108 | STOCK SLOUGH RD COUNTY 54 CO-045.109 | CO-045.110 | CO-045.112 | CO-045.113 | Ownership / Management | |
| Jurisdiction | COOS COUNTY | | | | | | | | |
| Federal Land Use Allocation | | | | | | | | | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | |
| Wetland / Waterbody | Trib to Stock Slough | | | | | | | | |
| Crossing Method / Instream Construction Window | DRY OPEN CUT / JULY 1 - SEPT 15 | | | | | | | | |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTR)) | | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | |
| Survey Status (wetlands as of July 2017) | | | | | | | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way
 - Temporary Extra Work Area
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 - Aboveground Facility
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- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
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 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

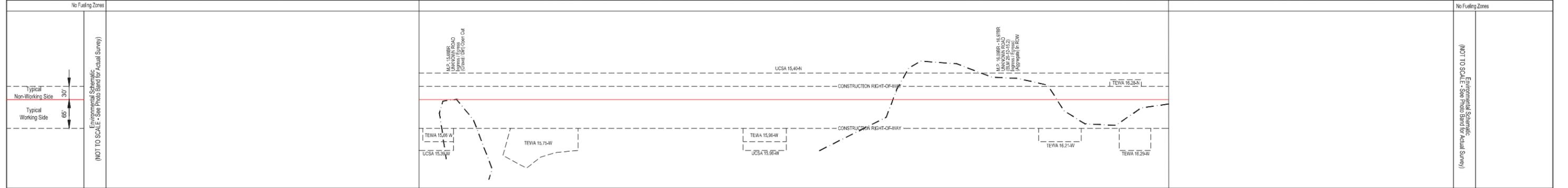
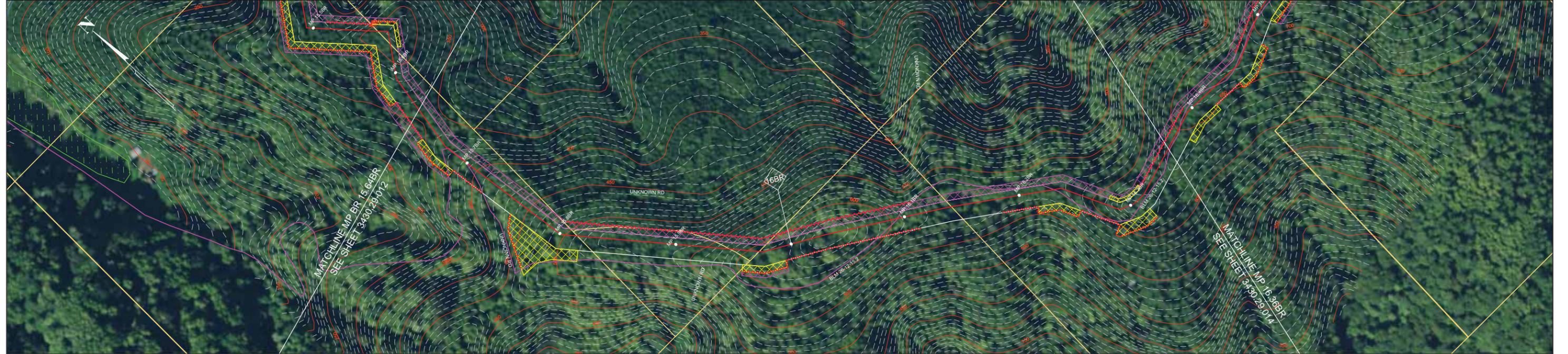
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 14.4BR TO 15.64BR
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430-29-012 SHEET 12 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|---|-----------------------|------------|------------|------------|-------------------------|--|--|---|----------------|
| Legal Location | T26S, R12W, Section 9 | | | | T26S, R12W, Section 16 | | | | Legal Location |
| Ownership / Management | CO-045.110 | CO-045.115 | CO-045.114 | CO-045.116 | CO-045.117 | | | Ownership / Management | |
| Jurisdiction | COOS COUNTY | | | | BLM - COOS BAY DISTRICT | | | | Jurisdiction |
| Federal Landuse Allocation | | 2a | 2b | 2a | | | | Federal Landuse Allocation | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) | |
| Wetland / Waterbody | | | | | | | | Wetland / Waterbody | |
| Crossing Method / Instream Construction Window | | | | | | | | Crossing Method / Instream Construction Window | |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | Biological Seasonal Construction Window (as of September 2017) | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential | |
| Survey Status (wetlands as of July 2017) | | | | | | | | Survey Status (wetlands as of July 2017) | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

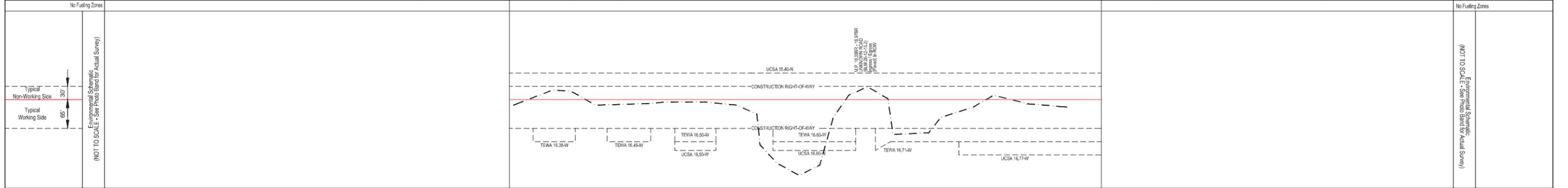
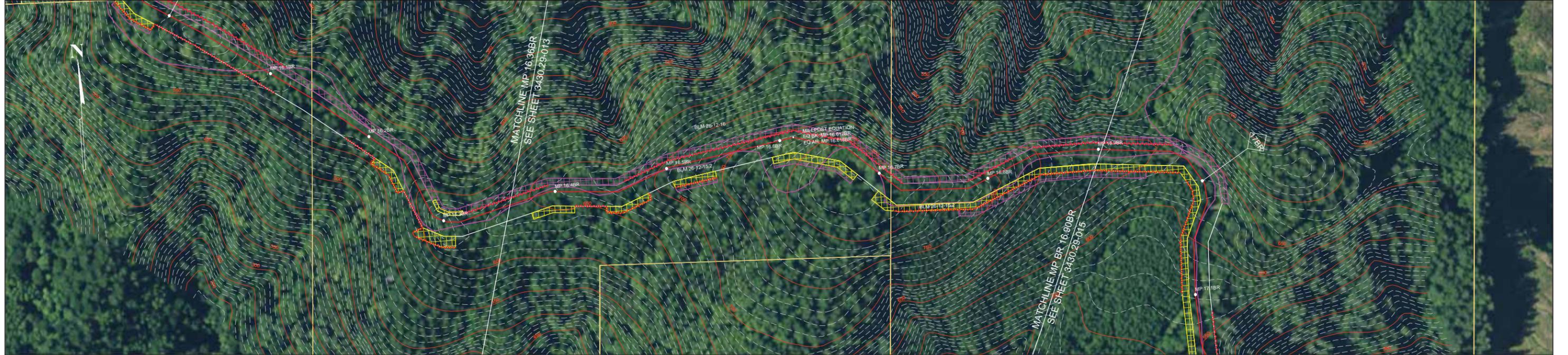
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 15.64BR TO 16.36BR
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-013 SHEET 13 OF 226

| | | | |
|---|--|-------------------------|---|
| Legal Location | T26S, R12W, Section 16 | T26S, R12W, Section 15 | Legal Location |
| Ownership / Management | CO-045.117 | CO-045.118 | Ownership / Management |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | Jurisdiction |
| Federal Landuse Allocation | | 3b | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
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- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------|-----------|---|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 0, 200, 400 FEET

PUBLIC

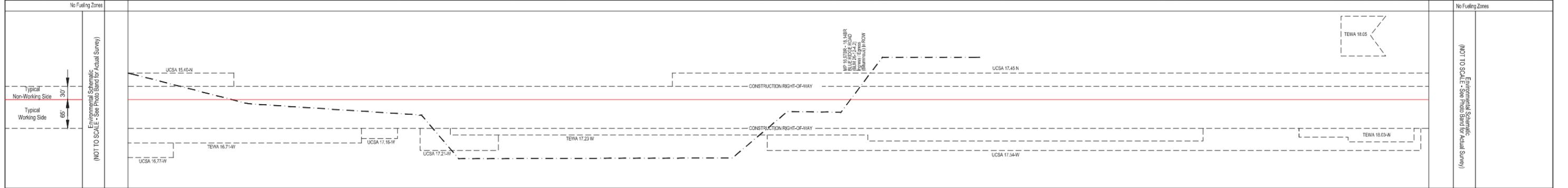
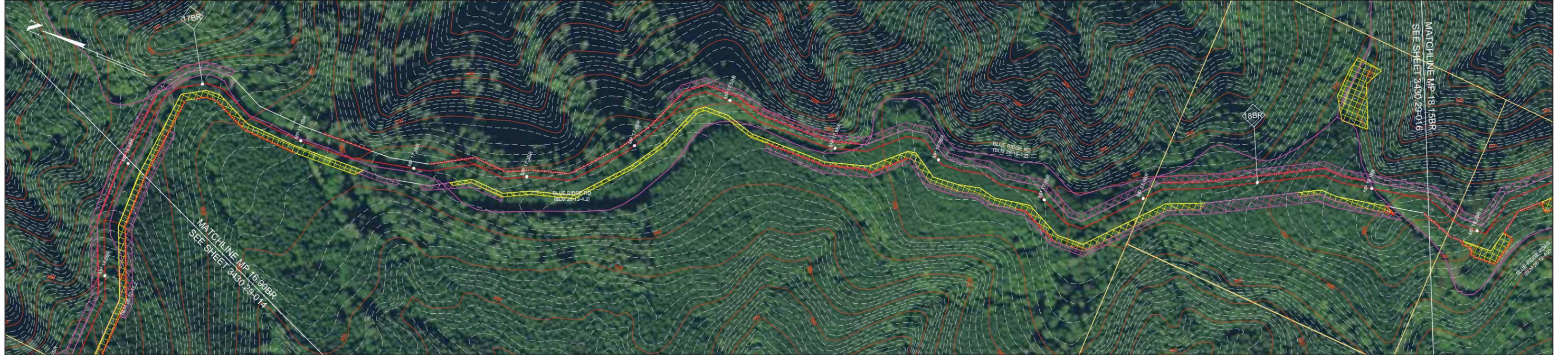
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 16.36BR TO 16.90BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-014 | SHEET 14 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|--|---|----|------------------------|--|--|
| Legal Location | 726S, R12W, Section 15 | | 726S, R12W, Section 22 | | Legal Location |
| Ownership / Management | CO-045.118 | | CO-045.118 | | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | COOS COUNTY | | Jurisdiction |
| Federal Land Use Allocation | 3b | 4b | 3b | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTR)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
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 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFW)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

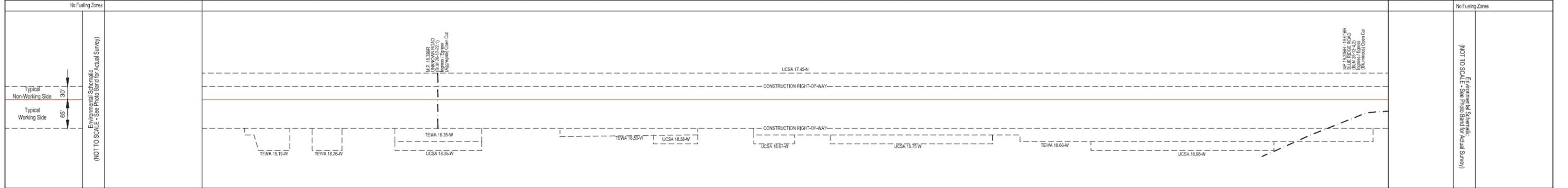
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 16.90BR TO 18.15BR
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430-29-015 SHEET 15 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | |
|---|------------------------|------------|------------|--|--|--|---|
| Legal Location | T26S, R12W, Section 22 | | | T26S, R12W, Section 27 | | | Legal Location |
| Ownership / Management | CO-045.119 | CO-045.121 | CO-045.122 | CO-045.123 | | | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | BLM - COOS BAY DISTRICT | | | Jurisdiction |
| Federal Land Use Allocation | | | | 3b | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------|-----------|---|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

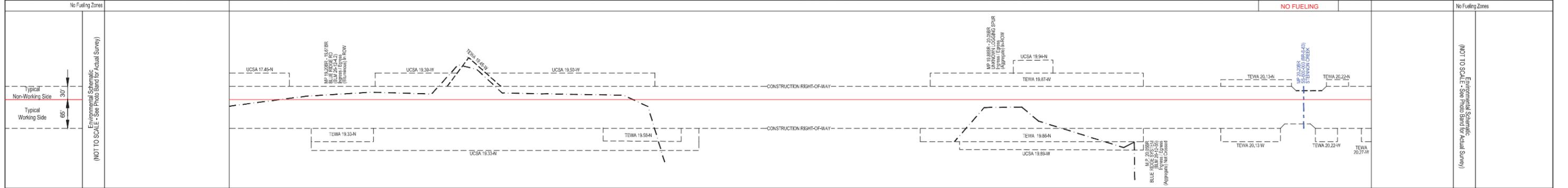
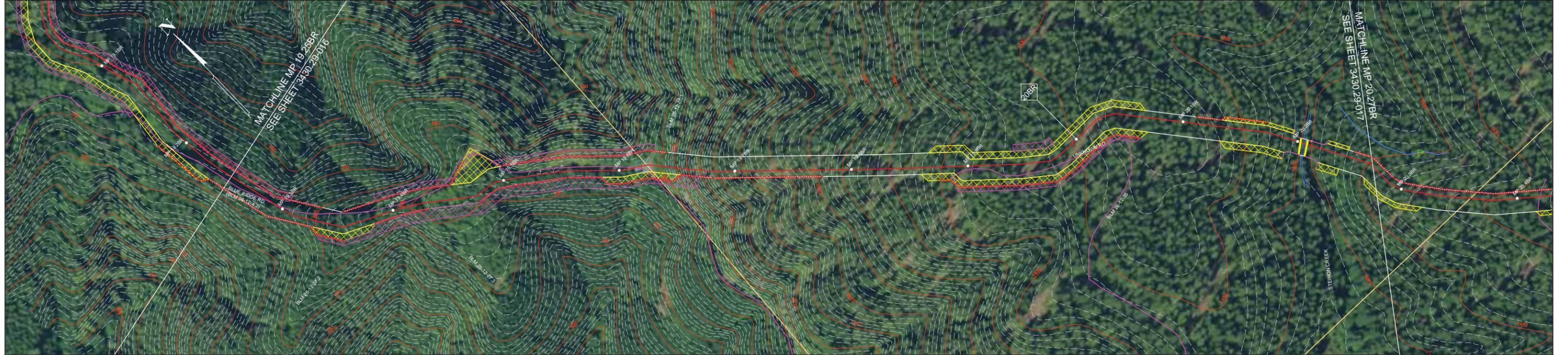
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 18.15BR - 19.25BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-016 | SHEET 16 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|--|--|----|----|----|------------------------|----|----|----|---|
| Legal Location | T26S, R12W, Section 27 | | | | T26S, R12W, Section 26 | | | | Legal Location |
| Ownership / Management | CO-045.123 | | | | CO-045.124 | | | | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | | | | | Jurisdiction |
| Federal Landuse Allocation | 3b | 4c | 3b | 4c | 3b | 4b | 3c | 4c | 3c |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | Trib to Steinnor Creek |
| Crossing Method / Instream Construction Window | | | | | | | | | DRY OPEN CUT / JULY 1 - SEPT 15 |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | | | | | |
| | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTR)) | | | | | | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------------------|----|--|-----------|------|------|-------------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | DATE | DESCRIPTION |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

Scale: 0 200 400 FEET

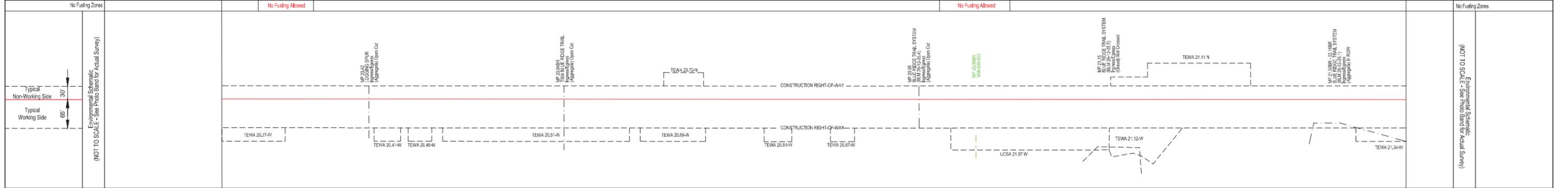
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 19.25BR TO 20.27BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-017 | SHEET 17 OF 226 |

| | | | |
|--|---|------------------------|------------------------|
| Legal Location | T26S, R12W, Section 26 | T26S, R12W, Section 35 | Legal Location |
| Ownership / Management | CO-045.124 | CO-045.125 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | |
| Federal Landuse Allocation | 3b | 4b | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | |
| Wetland / Waterbody | | | WVW-500-003 |
| Crossing Method / Instream Construction Window | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | |
| Biological Seasonal Construction Window (as of September 2017) | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
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3-Moderate
4-High
5-Very High

Scale: 0 200 400 FEET

PUBLIC

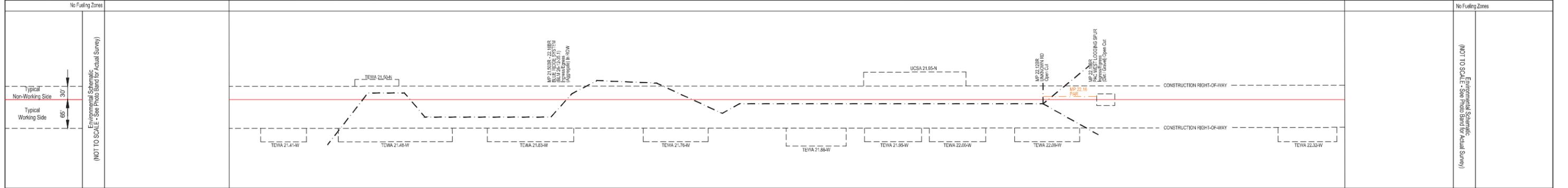
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #2
MP 20.27BR - 21.39BR
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-018 | SHEET 18 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|-------------------------|-----------------------|----------------|
| Legal Location | T26S, R12W, Section 35 | T27S, R12W, Section 2 | Legal Location |
| Ownership / Management | CO-045.125 | CO-045.126 | CO-045.124 |
| Jurisdiction | BLM - COOS BAY DISTRICT | | COOS COUNTY |
| Federal Landuse Allocation | 30 | | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | |
| Wetland / Waterbody | | | |
| Crossing Method / Instream Construction Window | | | |
| Biological Seasonal Construction Window (as of September 2017) | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | BVA #2 |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Estabulo Management Area | | | | | | |
| 6 - Harvest Land Base (Unzero-Aged Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 0 200 400 FEET

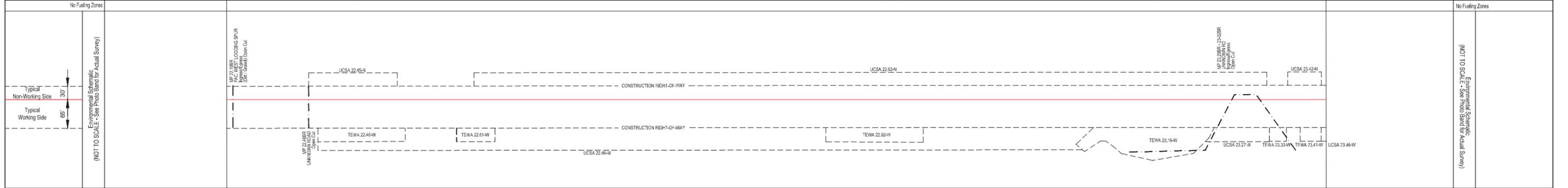
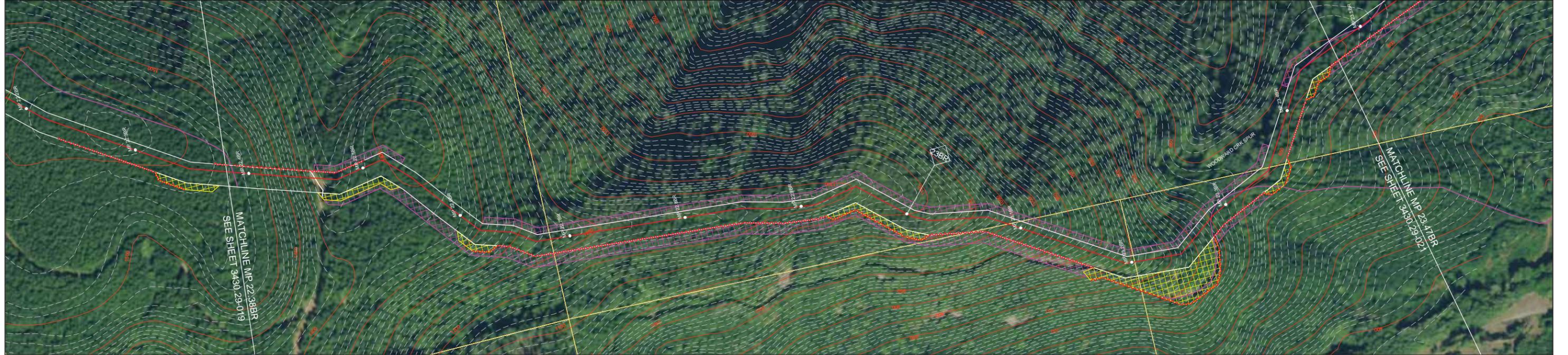
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
 MP 21.39BR - 22.38BR
 COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430-29-019 SHEET 19 OF 226

| | | | | | |
|---|-----------------------|---|------------------------|-------------------------|---|
| Legal Location | T27S, R12W, Section 2 | T27S, R12W, Section 11 | T27S, R12W, Section 10 | T27S, R12W, Section 11 | Legal Location |
| Ownership / Management | CO-045.127 | CO-045.128 | CO-045.129 | CO-045.130 | Ownership / Management |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | COOS COUNTY | BLM - COOS BAY DISTRICT | Jurisdiction |
| Federal Land Use Allocation | | 3b | | 3b | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

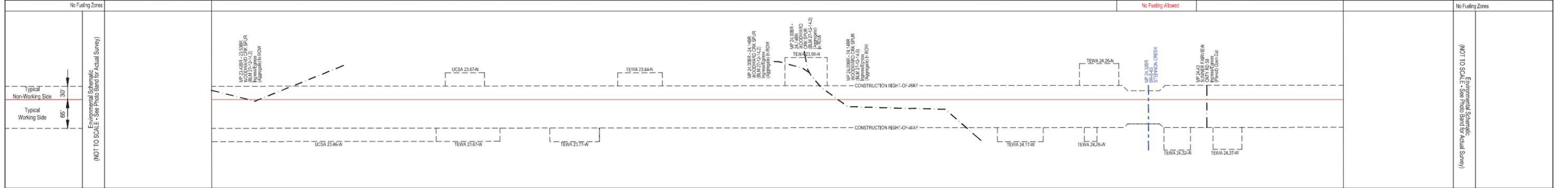
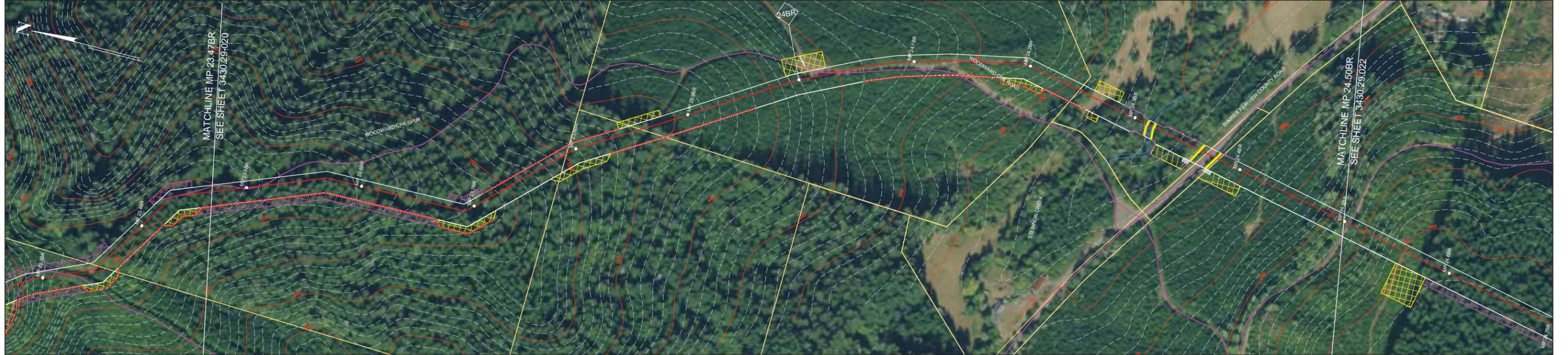
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 22.38BR - 23.47BR
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430-29-020 SHEET 20 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | |
|--|-------------------------|------------|---------------------------------|------------|--|
| Legal Location | T27S, R12W, Section 11 | | T27S, R12W, Section 14 | | Legal Location |
| Ownership / Management | CO-045.128 | CO-045.131 | CO-045.132 | CO-045.133 | CO-127.010 |
| Jurisdiction | BLM - COOS BAY DISTRICT | | COOS COUNTY | | Jurisdiction |
| Federal Land Use Allocation | 3a | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | STENNON CREEK | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | DRY OPEN CUT / JULY 1 - SEPT 15 | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

Scale: 200 0 200 400 FEET

PUBLIC

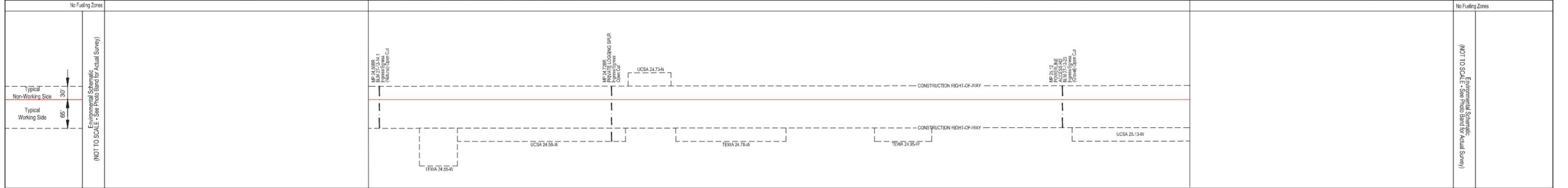
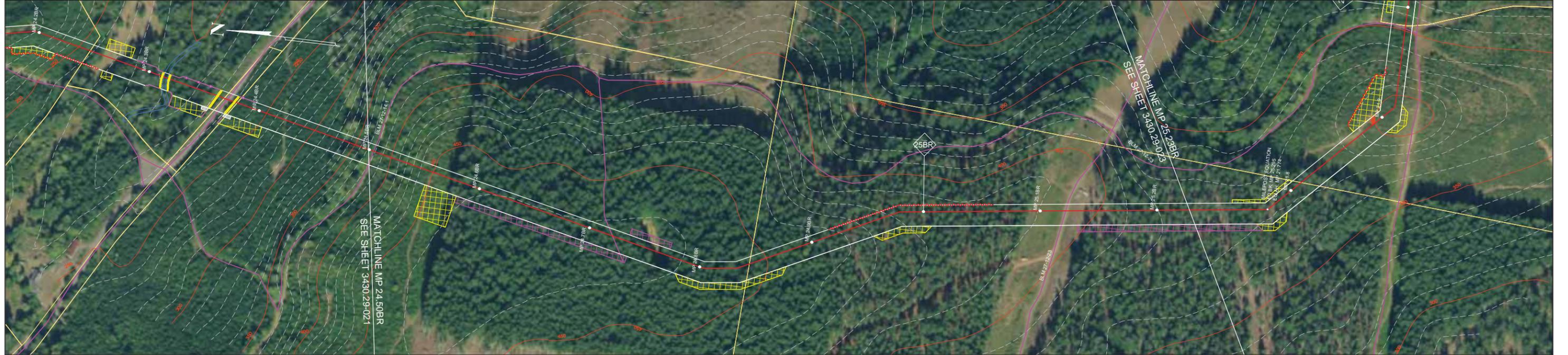
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 23.47BR TO 24.50BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-021 | SHEET 21 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|------------------------|-------------------------|--|
| Legal Location | T27S, R12W, Section 14 | T27S, R12W, Section 23 | Legal Location |
| Ownership / Management | COO-127.010 | CO-127.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | Jurisdiction |
| Federal Landuse Allocation | | 6 2b 6 2b 8 | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | unknown 1 2 1 2 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
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- If streams proposed to be open cut at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

Scale: 0 200 400 FEET

PUBLIC

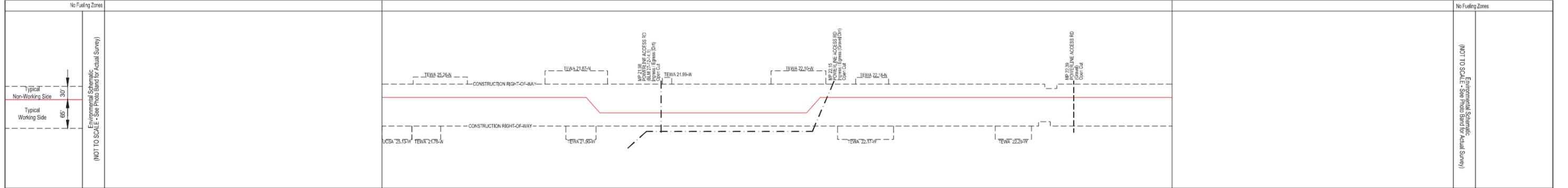
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 24.50 TO 25.23BR
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-022 | SHEET 22 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|--|------------------------------------|------------|------------|-------------------------|--|
| Legal Location | SEC 23, T27S, R12W | | | SEC 24, T27S, R12W | Legal Location |
| Ownership / Management | CO-127,000 | CO-128,000 | CO-129,000 | CO-131,000 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | COOS COUNTY | Jurisdiction |
| Federal Landuse Allocation | 8 | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 1 | 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | ACCESS DENIED (CULTURAL / WETLAND) | | | ACCESS DENIED (WETLAND) | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Establio Management Area | | | | | | |
| 6 - Harvest Land Base (Unrover-Aged Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

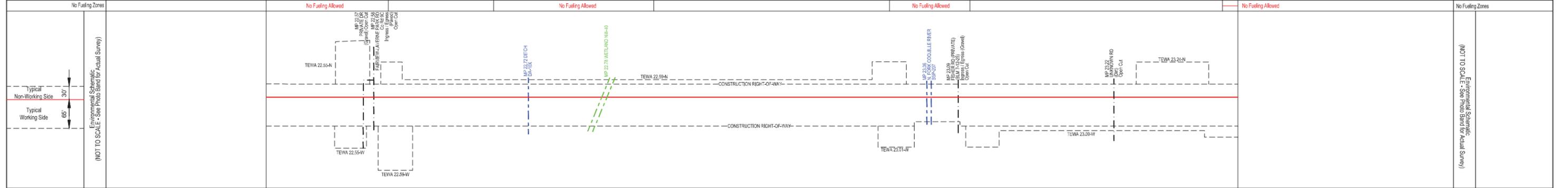
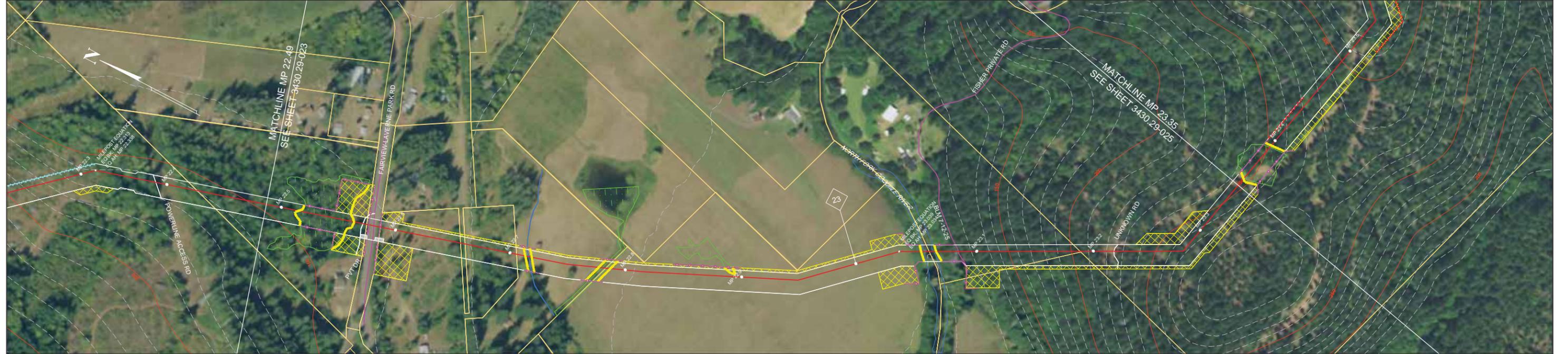
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 25.538R TO 22.49
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-023 | SHEET 23 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|--|----------------------------------|------------|------------|------------|--------------------|------------|------------|------------|--|
| Legal Location | SEC 24, T27S, R12W | | | | SEC 25, T27S, R12W | | | | Legal Location |
| Ownership / Management | CO-131.000 | CO-133.000 | CO-134.000 | CO-133.000 | CO-135.000 | CO-136.000 | CO-141.000 | CO-142.000 | CO-143.000 |
| Jurisdiction | COOS COUNTY | | | | | | | | BLM - COOS BAY DISTRICT |
| Federal Land Use Allocation | | | | | | | | | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | |
| Wetland / Waterbody | Ditch | | | | | | | | N Fr Coquille River |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | | | | | | | Dry Open-Cut / July 1 - Sept. 15 |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) | | | | | | | | ACCESS DENIED (WETLAND) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

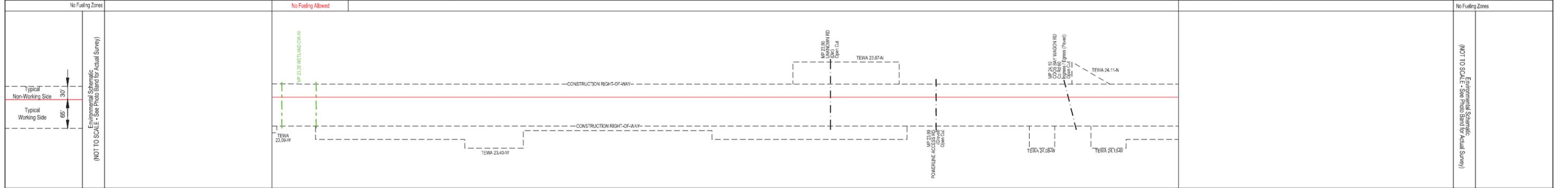
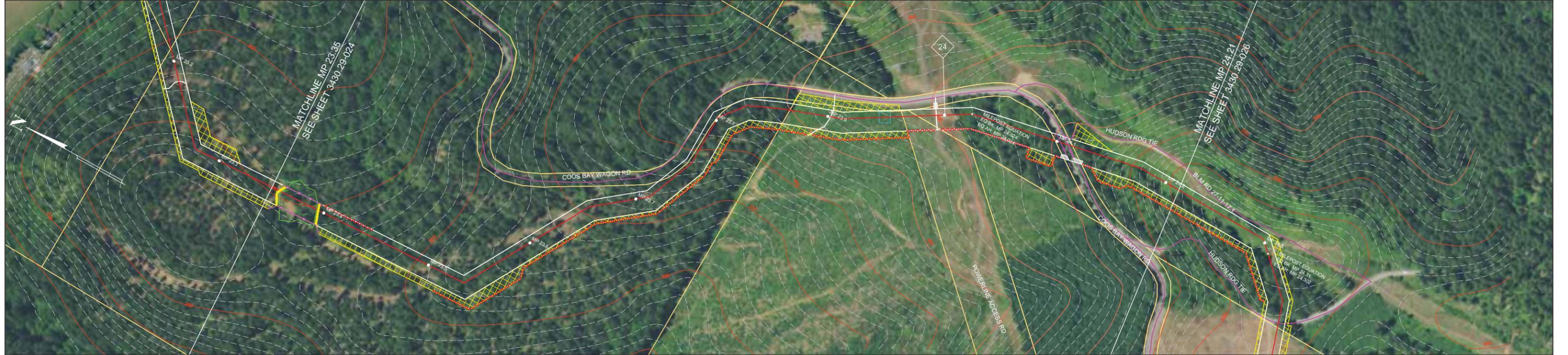
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
 MP 22.49 TO 23.35
 COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-024 | SHEET 24 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|--|---|---|---|--------------------|------------|---------------------|------------|---|---|
| Legal Location | SEC 25, T27S, R12W | | | SEC 30, T27S, R11W | | SEC 19, T27S, R11W | | | Legal Location |
| Ownership / Management | CO-143.000 | | | CO-144.000 | CO-146.000 | CO-146.000 | CO-146.000 | | Ownership / Management |
| Jurisdiction | BLM - COOS DISTRICT | | | COOS COUNTY | | BLM - COOS DISTRICT | | | Jurisdiction |
| Federal Landuse Allocation | 3b | | | 4b | 3b | 3b | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | |
| Wetland / Waterbody | CW-10 | | | | | | | | |
| Crossing Method / Instream Construction Window | | | | | | | | | |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (OTRs)) | | | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | HYDROSTATIC TEST | | | | | | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | | |
|------------------------|-----------|----|---|
| NO. | DATE | BY | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application |
| | Aug-2019 | EE | Issued for FERC DEIS Response |

| REVISIONS | | | |
|-----------|-----------|----|---|
| NO. | DATE | BY | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application |
| | Aug-2019 | EE | Issued for FERC DEIS Response |

| FEDERAL LANDS SOIL RISK SENSITIVITY RANK | |
|--|------------|
| 1-Very Low | 2-Moderate |
| 3-Moderate | 4-High |
| 5-Very High | |

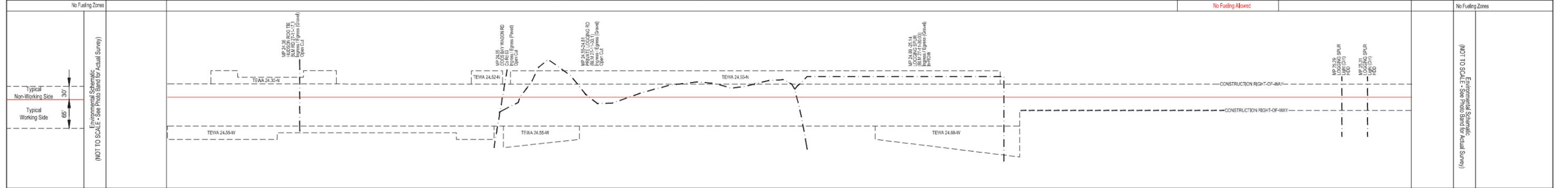
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 23.35 TO 24.21
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-025 | SHEET 25 OF 226 |

| | | | |
|--|---------------------|--------------------|--|
| Legal Location | SEC 19, T27S, R11W | SEC 30, T27S, R11W | Legal Location |
| Ownership / Management | CO-146.000 | CO-144.000 | Ownership / Management |
| Jurisdiction | BLM - COOS DISTRICT | COOS COUNTY | Jurisdiction |
| Federal Land Use Allocation | 3b | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | OCT - MAY | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 1/2 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Establis Management Area | | | | | |
| 6 - Harvest Land Base (Unser-Aged Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

Scale: 0 200 400 FEET

PUBLIC

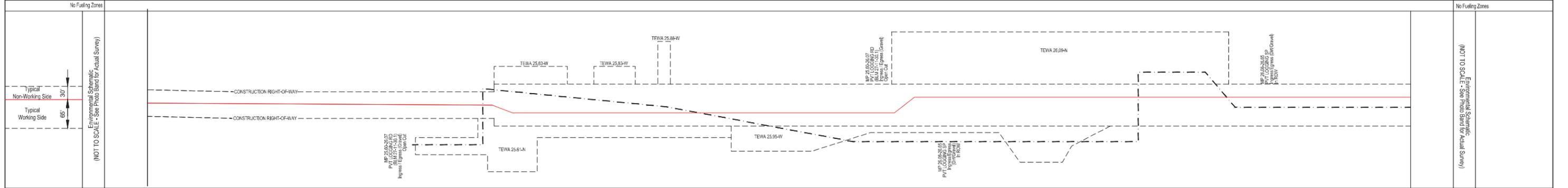
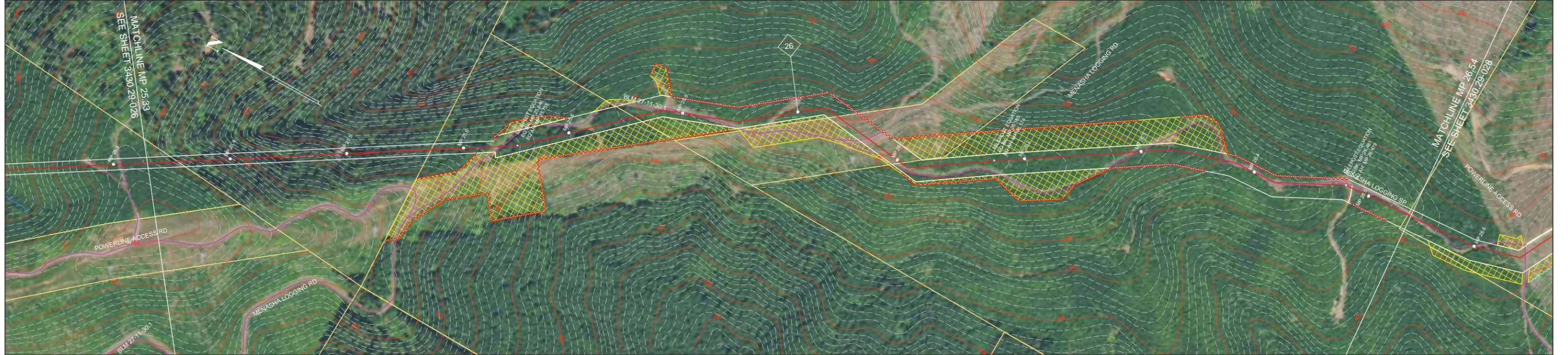
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 24.21 TO 25.33
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-026 | SHEET 26 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | |
|---|-------------------------|--------------------|--------------------|------------|--------------------|-------------|---|
| Legal Location | | SEC 30, T27S, R11W | SEC 29, T27S, R11W | | SEC 32, T27S, R11W | | Legal Location |
| Ownership / Management | CO-141.000 | CO-147.000 | CO-148.000 | CO-149.000 | CO-149.100UT | CO-149.000 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | | COOS COUNTY | Jurisdiction |
| Federal Land Use Allocation | 3b | 4b | 3b | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| | | | | | | | | | |
|---|---|---|---|------------------------------------|--------------------------------------|------------------------------|---|---|--|
| 2a - District Designated Reserve (No Harvest) | 2b - District Designated Reserve (Non-Forest) | 3a - Late-Successional Reserve (Dry Forest) | 3b - Late-Successional Reserve (Moist Forest) | 4a - Riparian Reserve (Dry Forest) | 4b - Riparian Reserve (Moist Forest) | 5 - Estabulo Management Area | 6 - Harvest Land Base (Unsero-Aged Timber Area) | 7 - Harvest Land Base (Low Intensity Timber Area) | 8 - Harvest Land Base (Moderate Intensity Timber Area) |
|---|---|---|---|------------------------------------|--------------------------------------|------------------------------|---|---|--|

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

| | | | | |
|------------|-------|------------|--------|-------------|
| 1-Very Low | 2-Low | 3-Moderate | 4-High | 5-Very High |
|------------|-------|------------|--------|-------------|

REVISIONS

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

Scale: 200 0 200 400 FEET

PUBLIC

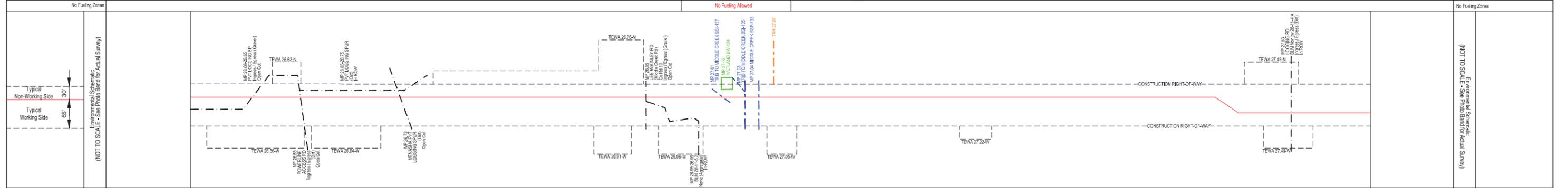
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 25.33 TO 26.54
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-027 | SHEET 27 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | |
|---|--------------------|-------------------------|-------------------|---|
| Legal Location | SEC 32, T27S, R11W | SEC 5, T28S, R11W | SEC 4, T28S, R11W | Legal Location |
| Ownership / Management | CO-150.000 | CO-151.000 | CO-151.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | COOS COUNTY | Jurisdiction |
| Federal Land Use Allocation | | 8 | 2b | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

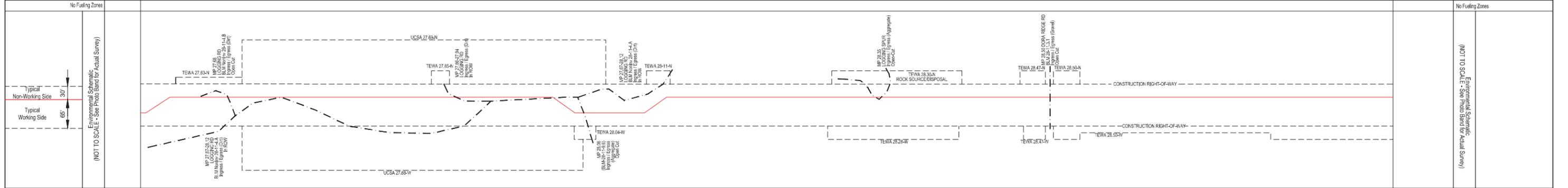
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 26.54 TO 27.60
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-028 | SHEET 28 OF 226 |

| | | | | | | | | | |
|---|---|--|------------|--|-------------------|--|------------|--|---|
| Legal Location | SEC 4, T28S, R11W | | | | SEC 9, T28S, R11W | | | | Legal Location |
| Ownership / Management | CO-153.000 | | CO-154.000 | | CO-155.000 | | CO-157.000 | | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | | | | | Jurisdiction |
| Federal Land Use Allocation | 8 2b 8 | | | | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRS)) | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1 | | 2 | | 1 | | 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
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- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|------|-------------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | DATE | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 0 200 400 FEET

PUBLIC

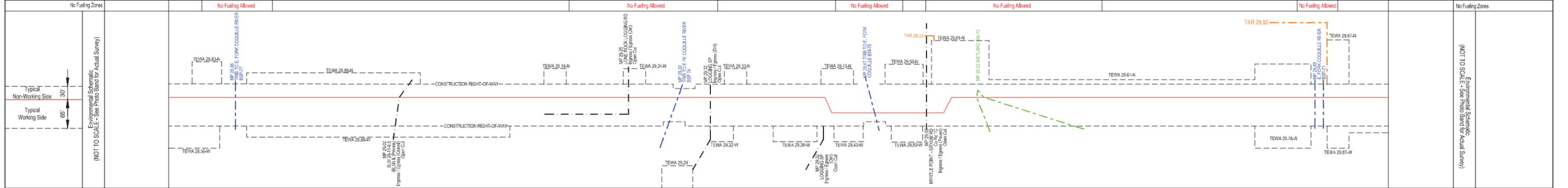
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2
MP 27.60 TO 28.81
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-029 | SHEET 29 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | |
|---|---|----------------------------------|---|------------|---------------------------------------|------------|---|
| Legal Location | SEC 10, T26S, R11W | | | | | | Legal Location |
| Ownership / Management | CO-157.000 | CO-158.000 | MYRTLE POINT - GRAVEL FORD SITUM CO RD 10 CO-60000 RD | CO-161.000 | EAST FORK COQUILLE RIVER CO-162.000WC | CO-163.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | | | Jurisdiction |
| Federal Land Use Allocation | | | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | OCT - MAY | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Trib to E Fork Coquille River | Trib to E Fk Coquille River | Trib to E Fork Coquille River | BW-72 | E. Fork Coquille River | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | Dry Open-Cut / July 1 - Sept. 15 | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | HYDROSTATIC TEST | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | ACCESS DENIED (WETLAND) | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

PUBLIC

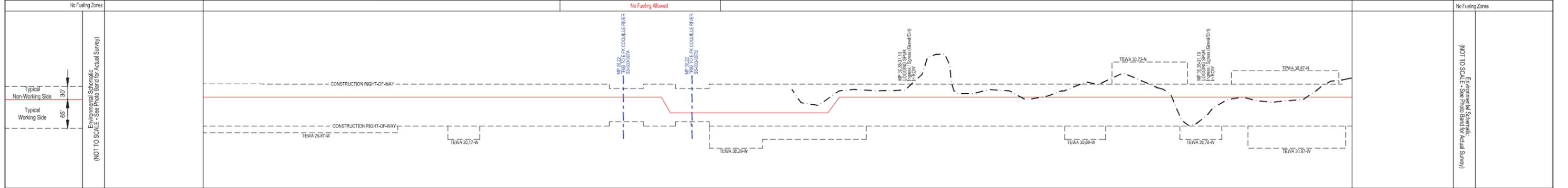
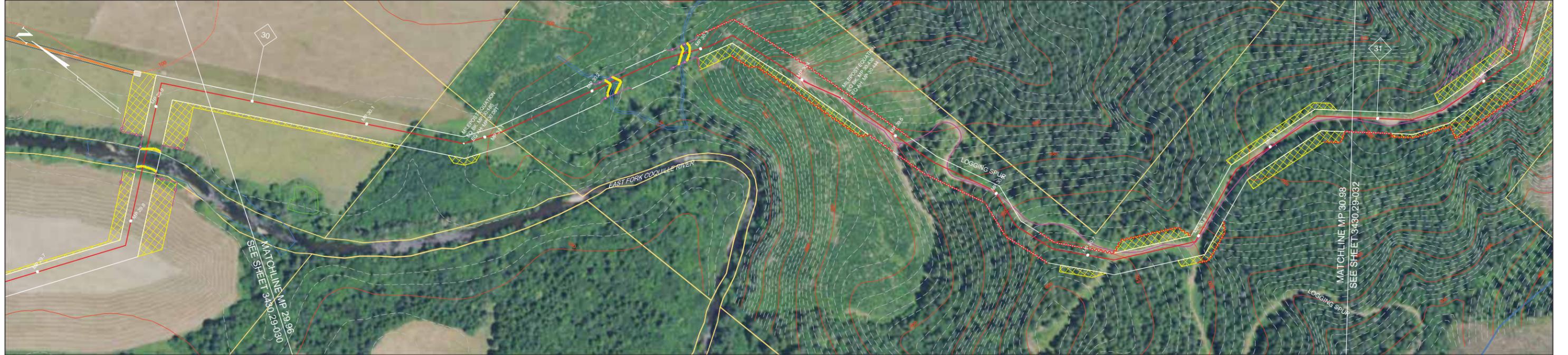
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #2 & #3
MP 28.81 TO 29.96
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-030 | SHEET 30 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | |
|---|---|--------------------|--------------------|---|
| Legal Location | SEC 10, T2&S, R11W | SEC 15, T2&S, R11W | SEC 14, T2&S, R11W | Legal Location |
| Ownership / Management | CO-163.000 | CO-164.000 | CO-165.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | Jurisdiction |
| Federal Landuse Allocation | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | OCT - MAY | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Tribes to E FK Coquille River | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | | | | | |
|------------------------|-----------|----|---|-----------|------|-----|----------|----|-------------------------------|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | 2 | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

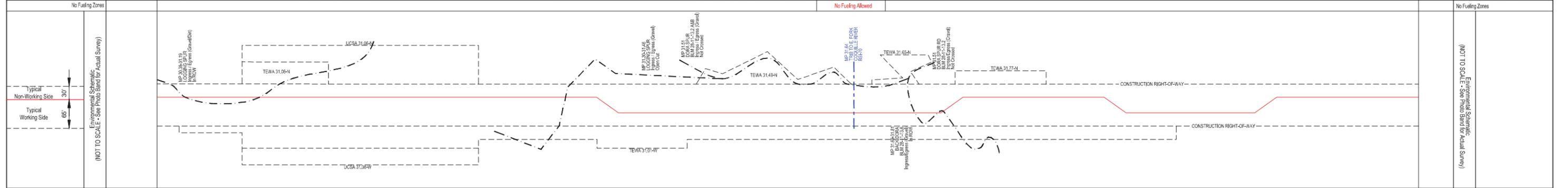
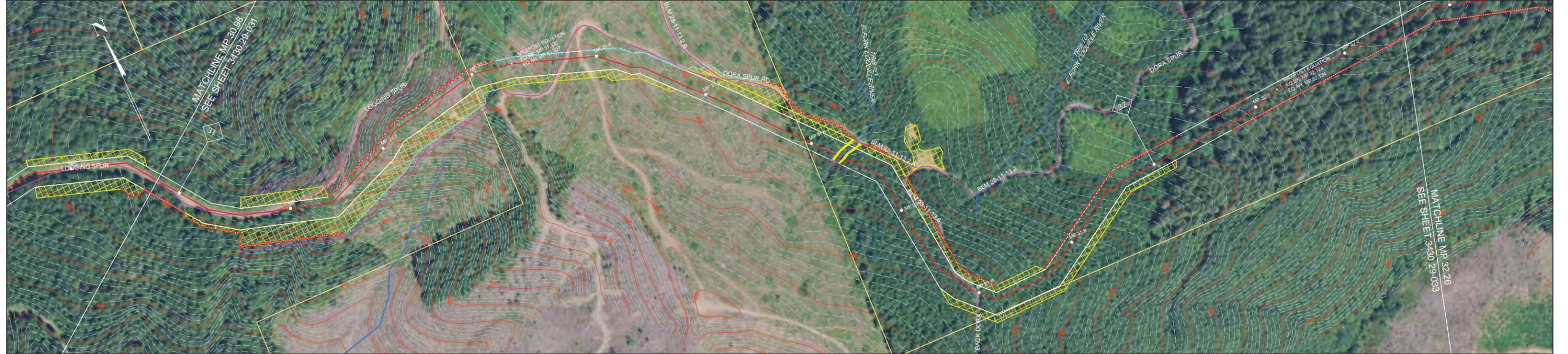
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 29.96 TO 30.98
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-031 | SHEET 31 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|--------------------|--|----------------|
| Legal Location | SEC 14, T28S, R11W | SEC 13, T28S, R11W | Legal Location |
| Ownership / Management | CO-165.000 | CO-166.000 | CO-167.000 |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | Jurisdiction |
| Federal Land Use Allocation | | 4b Riparian Reserve | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | |
| Wetland / Waterbody | | Trib to E. Fork Coquille River | |
| Crossing Method / Instream Construction Window | | Dry Open-Cut / July 1 - Sept, 15 | |
| Biological Seasonal Construction Window (as of September 2017) | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | |
| Topsoil Salvage / Federal Lands Soil Risk | | 2 | 2 1 2 1 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

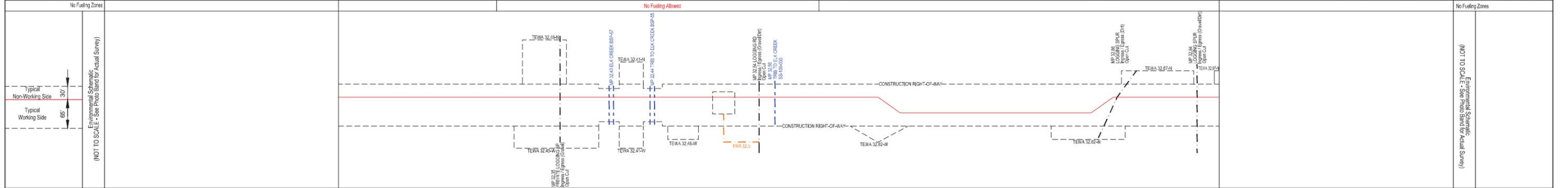
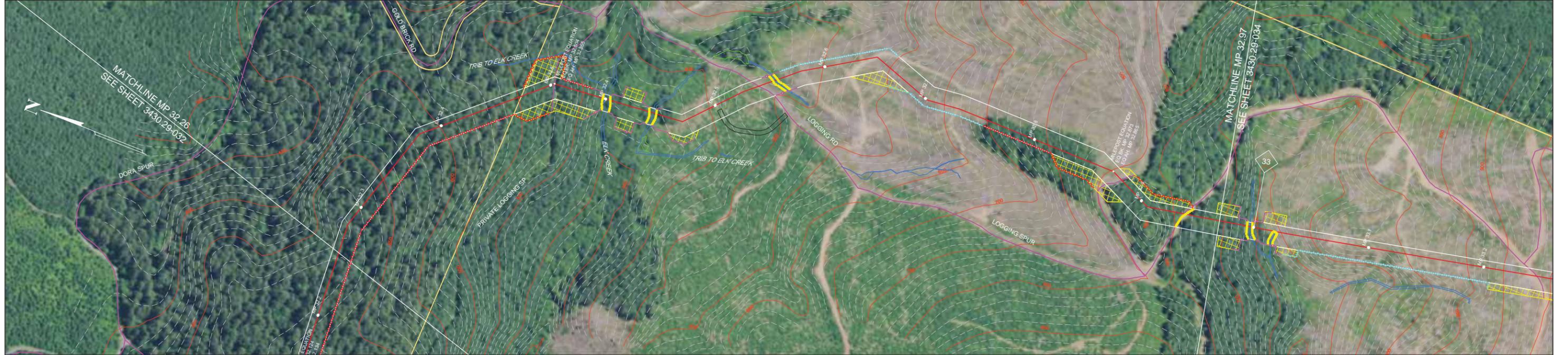
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 30.98 TO 32.26
COOS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-032 SHEET 32 OF 226

| | | | |
|---|-------------------------|---|---|
| Legal Location | SEC 13, T28S, R11W | SEC 24, T28S, R11W | Legal Location |
| Ownership / Management | CO-167.000 | CO-168.000 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | COOS COUNTY | Jurisdiction |
| Federal Landuse Allocation | 3b | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | Elk Creek Trib to Elk Creek Trib to Elk Creek | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | Dry Open Cut / July 1 - Sept. 15 Dry Open Cut / July 1 - Sept. 15 | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRS)) | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1 2 1 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | SVA #3 | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | ACCESS DENIED (WETLAND) | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Estabulo Management Area | | | | | |
| 6 - Harvest Land Base (Unsero-Aged Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

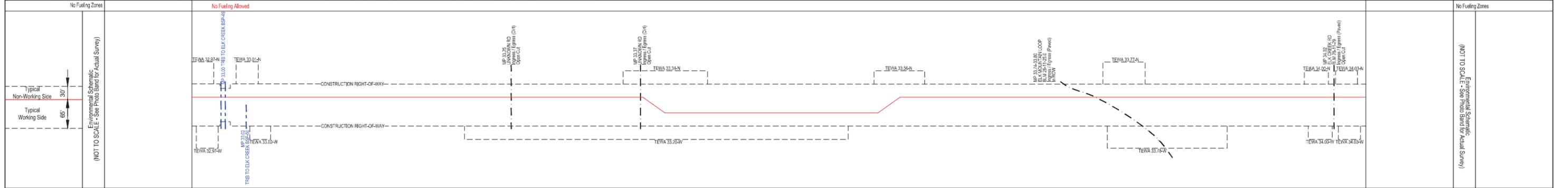
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 32.26 TO 32.97
 COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-033 | SHEET 33 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | |
|---|---|--------------------|--------------------|-------------------------|
| Legal Location | SEC 24, T28S, R11W | SEC 25, T28S, R11W | SEC 19, T28S, R10W | Legal Location |
| Ownership / Management | CO-168.000 | CO-169.000 | CO-170.000 | CO-172.000 |
| Jurisdiction | COOS COUNTY | | | BLM - COOS BAY DISTRICT |
| Federal Land Use Allocation | | | | 3b |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | |
| Wetland / Waterbody | Tribes to Elk Creek | | | |
| Crossing Method / Instream Construction Window | As per US Centerline within ROW | | | |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | 2 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | 1 |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut during the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Occasional Reserve (Dry Forest) | | Aug-2019 | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Occasional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Estabulo Management Area | | | | | |
| 6 - Harvest Land Base (Unmatured Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

PUBLIC

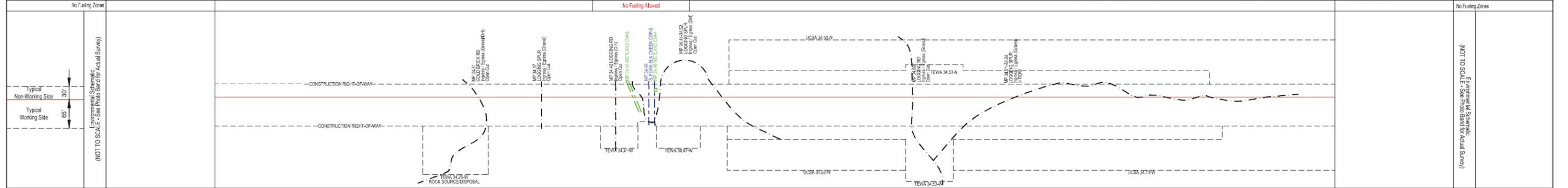
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 32.97 TO 34.06
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-034 | SHEET 34 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|--|-------------------------|------------|------------|------------|---|------------|--------------------|---|--|
| Legal Location | SEC 19, T28S, R10W | | | | SEC 30, T28S, R10W | | SEC 19, T28S, R10W | | Legal Location |
| Ownership / Management | CO-172.000 | CO-173.000 | CO-173.000 | CO-174.000 | CO-176.000 | CO-174.000 | | Ownership / Management | |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | COOS COUNTY | | | | Jurisdiction |
| Federal Land Use Allocation | 3b | | | | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | CW-6 S Fork Elk Creek CW-4 | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Dry Open-Cut / July 1 - Sept. 15 | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | MARBLD MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1 | 2 | 1 | | | | | Topsoil Salvage / Federal Lands Soil Risk | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Estabio Management Area | | | | | |
| 6 - Harvest Land Base (Unzero-Aged Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

PUBLIC

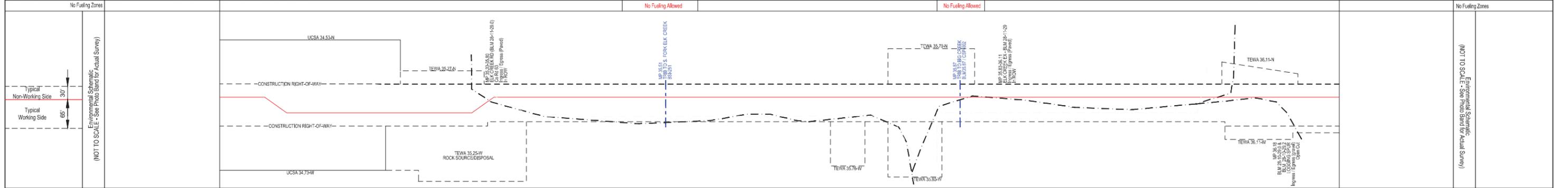
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 34.06 TO 35.10
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-035 | SHEET 35 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|---|--|----|----------------------------------|----|---|
| Legal Location | SEC 26, T26S, R10W | | | | Legal Location |
| Ownership / Management | CO-176.000 | | CO-177.000 | | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | Jurisdiction |
| Federal Land Use Allocation | 3b | 4b | 3b | 4b | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | Riparian Reserve | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Trib to S. Fork Elk Creek | | Trib to Big Creek | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 1 | 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | HYDROSTATIC TEST BREAK | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Estabulo Management Area | | | | | | |
| 6 - Harvest Land Base (Unrover-Aged Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

PUBLIC

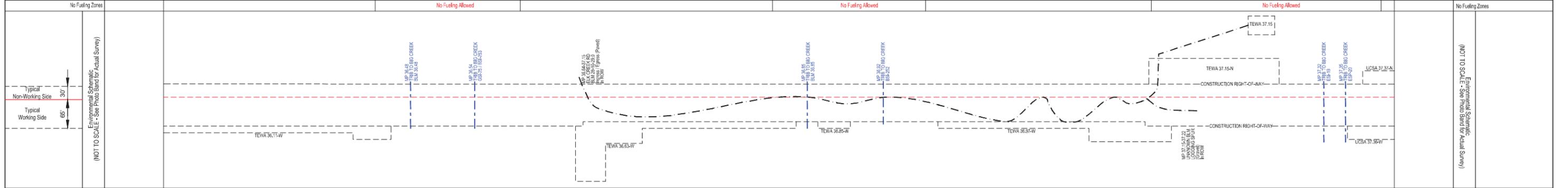
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 35.10 TO 36.23
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-036 | SHEET 36 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|---|--|----|--|-----|------------------------------------|
| Legal Location | SEC 28, T28S, R10W | | SEC 28, T28S, R10W | | Legal Location |
| Ownership / Management | CO-177.000 | | CO-178.000 | | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | | | | |
| Federal Landuse Allocation | 3b | 4b | Riparian Reserve | 3b | 4b |
| Areas of High Groundwater (Potential Trench Dewatering) | Trib to Big Creek | | Trib to Big Creek | | Trib to Big Creek |
| Wetland / Waterbody | Trib to Big Creek | | Trib to Big Creek | | Trib to Big Creek |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 |
| Biological Seasonal Construction Window (as of September 2017) | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | NSO (MAR 1 - JUL 15 (No Activity)) |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 1 | 2 | 1/2 | 2 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | HYDROSTATIC TEST BREAK | | | | |
| Survey Status (wetlands as of July 2017) | Survey Status (wetlands as of July 2017) | | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFW)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

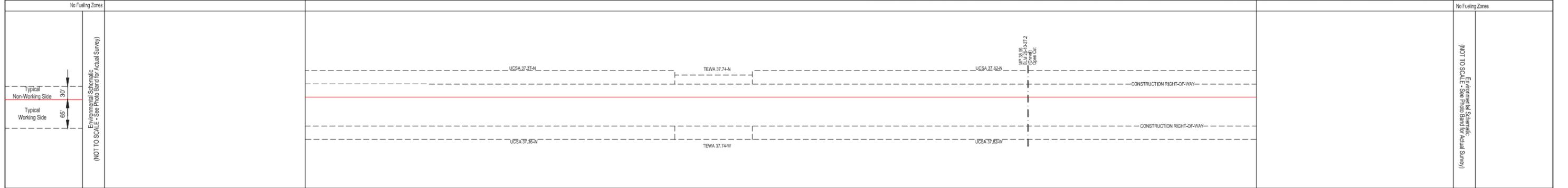
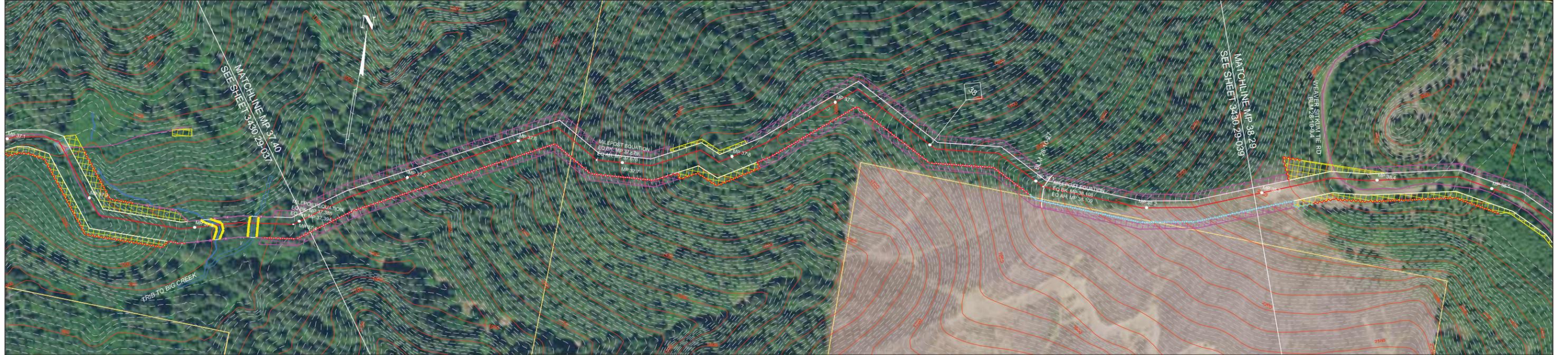
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 36.23 TO 37.40
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-037 | SHEET 37 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|-------------------------|--------------------|----------------|
| Legal Location | SEC 26, T26S, R10W | SEC 27, T26S, R10W | Legal Location |
| Ownership / Management | CO-178.000 | CO-180.000 | CO-181.000RT |
| Jurisdiction | BLM - COOS BAY DISTRICT | | |
| Federal Land Use Allocation | 3b | | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | |
| Wetland / Waterbody | | | |
| Crossing Method / Instream Construction Window | | | |
| Biological Seasonal Construction Window (as of September 2017) | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Estabio Management Area | | | | | | |
| 6 - Harvest Land Base (Lower-Aged Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 0 to 400 FEET

PUBLIC

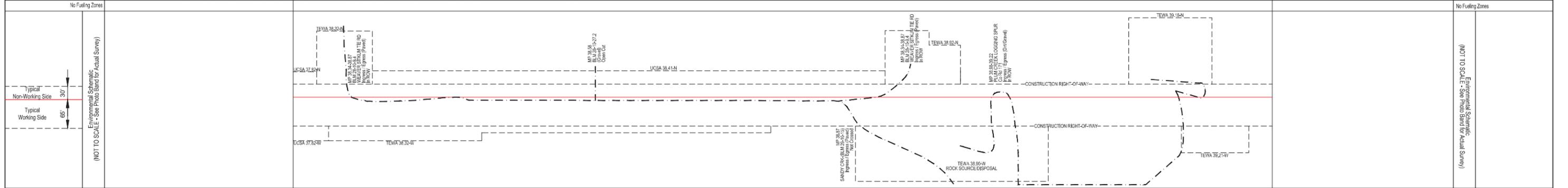
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 37.40 TO 38.29
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-038 | SHEET 38 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|-------------------------|--------------------------|--|
| Legal Location | SEC 27, T26S, R10W | SEC 26, T26S, R10W | Legal Location |
| Ownership / Management | CO-180.000 | CO-183.000 CO-182.000 | Ownership / Management |
| Jurisdiction | BLM - COOS BAY DISTRICT | COOS COUNTY | Jurisdiction |
| Federal Landuse Allocation | 36 | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | 2/3 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | 1/2 | HYDROSTATIC TEST BREAK | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
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 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

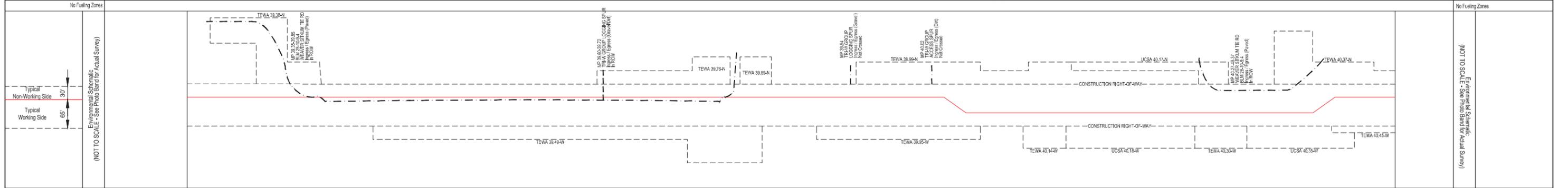
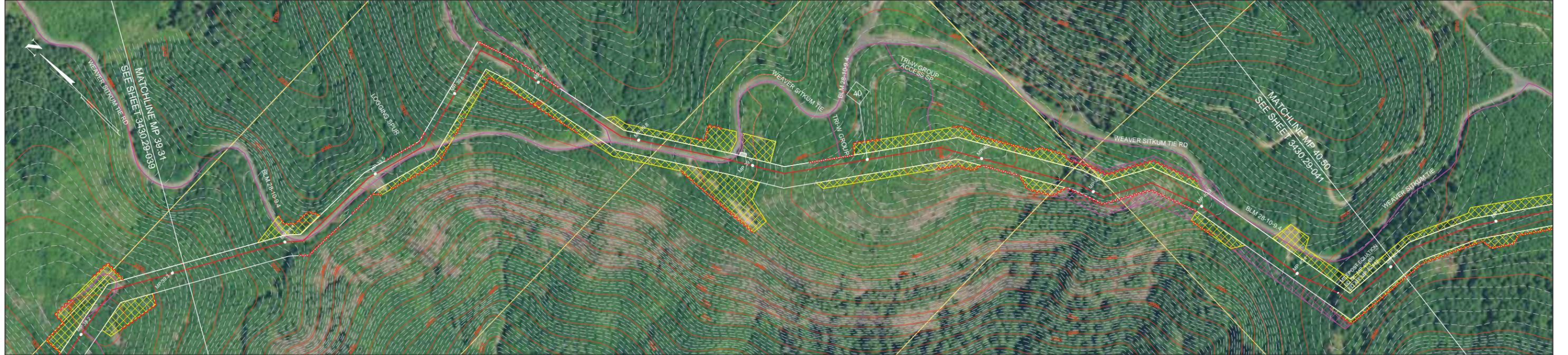
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 38.29 TO 39.31
 COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-039 | SHEET 39 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | |
|---|--|------------|--------------------|------------|------------|------------|------------|---|
| Legal Location | | CO-182.000 | SEC 26, T28S, R10W | CO-183.000 | CO-184.000 | CO-185.000 | CO-186.000 | Legal Location |
| Ownership / Management | | | COOS COUNTY | | | | | Ownership / Management |
| Jurisdiction | | | COOS COUNTY | | | | | Jurisdiction |
| Federal Landuse Allocation | | | | | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----------|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

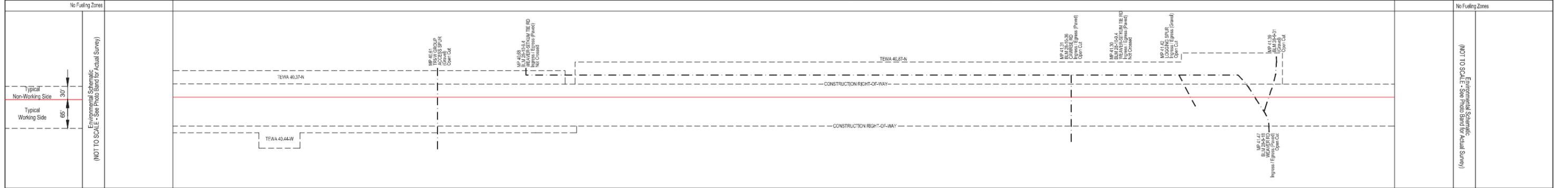
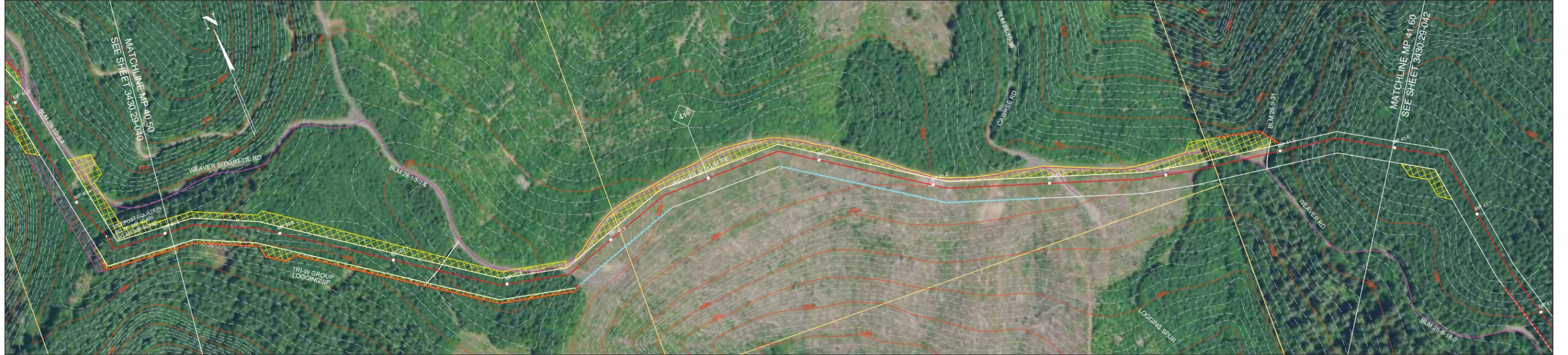
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 39.31 TO 40.50
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-040 | SHEET 40 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|--|--|-------------------|--|
| Legal Location | SEC 36, T28S, R10W | SEC 31, T28S, R9W | Legal Location |
| Ownership / Management | CO-188.000 | CO-187.000 | Ownership / Management |
| Jurisdiction | COOS COUNTY | | Jurisdiction |
| Federal Landuse Allocation | BLM - COOS DISTRICT | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | 7 2b 7 2c | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | 7 | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1/2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
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- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

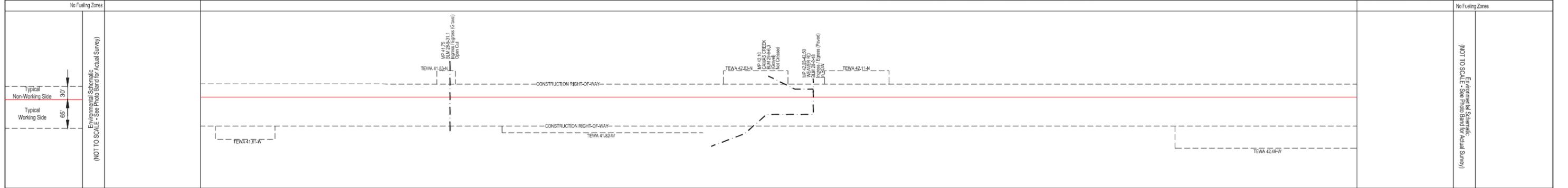
PUBLIC

**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 40.50 TO 41.60
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-041 | SHEET 41 OF 226 |

| | | | | | | | | | |
|---|--|----|-----|----|------------------|----|-----|---|---|
| Legal Location | SEC 31, T28S, R9W | | | | SEC 6, T29S, R9W | | | | Legal Location |
| Ownership / Management | CO-188.000 | | | | CO-188.000 | | | | Ownership / Management |
| Jurisdiction | BLM - COOS DISTRICT | | | | COOS COUNTY | | | | Jurisdiction |
| Federal Landuse Allocation | 7 | 2b | 7 | 2b | 7 | 3b | 2b | Federal Landuse Allocation | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1/2 | 2 | 1/2 | 2 | 1/2 | 2 | 1/2 | Topsoil Salvage / Federal Lands Soil Risk | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|--|-----|-----------|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | |
| 5 - Establis Management Area | | | | | |
| 6 - Harvest Land Base (Unsero-Aged Timber Area) | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 0 200 400 FEET

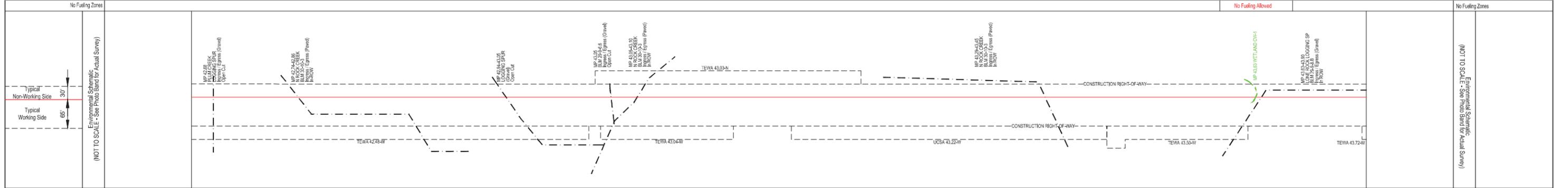
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 41.60 TO 42.64
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-042 | SHEET 42 OF 226 |

| | | | | | |
|---|------------------|--|------------------|--|---|
| Legal Location | SEC 6, T29S, R9W | SEC 5, T29S, R9W | SEC 8, T29S, R9W | Legal Location | |
| Ownership / Management | CO-189,000 | CO-190,000 | CO-191,000 | Ownership / Management | |
| Jurisdiction | COOS COUNTY | BLM - COOS BAY DISTRICT | COOS COUNTY | Jurisdiction | |
| Federal Landuse Allocation | | 7 | 4b 7 2b 7 | Federal Landuse Allocation | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | Areas of High Groundwater (Potential Trench Dewatering) | |
| Wetland / Waterbody | | | CW-1 | Wetland / Waterbody | |
| Crossing Method / Instream Construction Window | | MARBLED MURRELET (APRIL 1 - AUGUST 5) (DTRs) | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | Biological Seasonal Construction Window (as of September 2017) | |
| Topsoil Salvage / Federal Lands Soil Risk | | 1 | 1/2 | 1 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | ACCESS DENIED | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

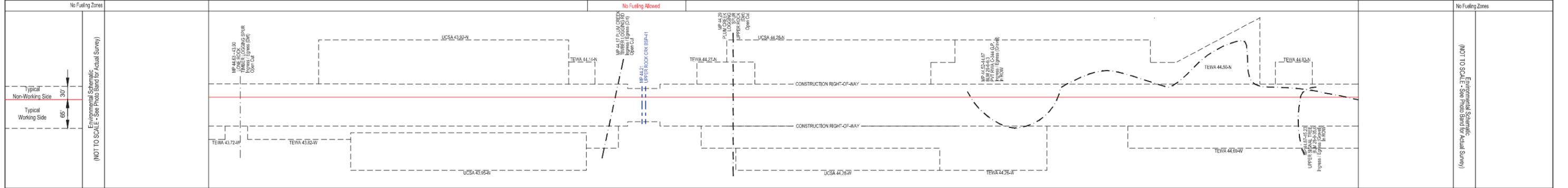
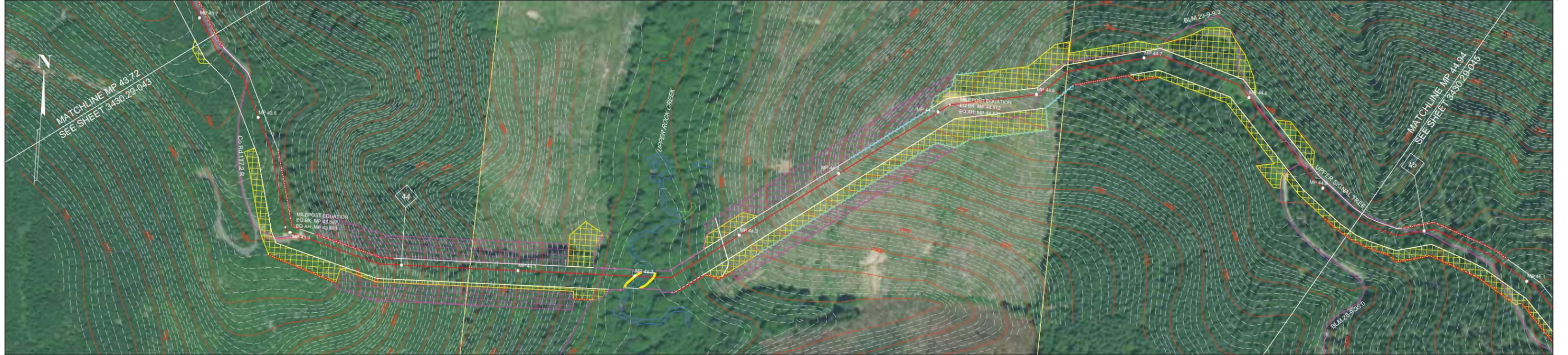
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 42.64 TO 43.72
COOS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-043 | SHEET 43 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|--|--|------------|------------------|-----|--|
| Legal Location | SEC 8, T29S, R9W | | SEC 9, T29S, R9W | | Legal Location |
| Ownership / Management | CO-191.000 | CO-192.000 | CO-193.000 | | Ownership / Management |
| Jurisdiction | COOS COUNTY | | | | Jurisdiction |
| Federal Landuse Allocation | BLM - COOS BAY DISTRICT | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | 8 | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Upper Rock Creek | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut July 1 - Sept. 15 | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRS)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | 2 | 1/2 | 2 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | 2 | 1/2 | 2 |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

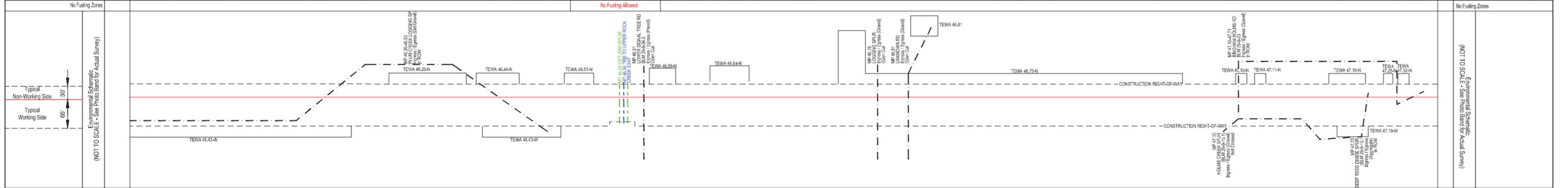
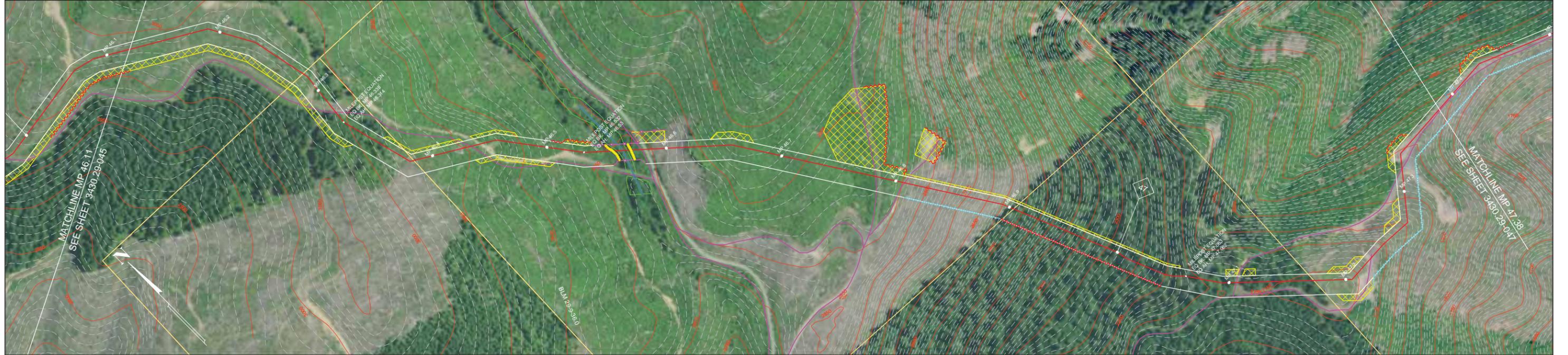
PUBLIC

**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 43.72 TO 44.94
COOS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-044 | SHEET 44 OF 226 |

| | | | | | | | | | |
|---|---------------------------------|------------|------------|------------|--|--|-------------------|--|---|
| Legal Location | SEC 10, T29S, R9W | | | | SEC 15, T29S, R9W | | SEC 14, T29S, R9W | | Legal Location |
| Ownership / Management | DO-194.000 | DO-195.000 | DO-196.000 | DO-196.000 | DO-196.001 | | DO-196.002 | | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | | BLM - ROSEBURG DISTRICT | | DOUGLAS COUNTY | | Jurisdiction |
| Federal Landuse Allocation | | | | | 2a | | 2b | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | BWS-38 TRIB TO UPPER ROCK CREEK | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open Cut | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | 1 | | 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | 1/2 | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

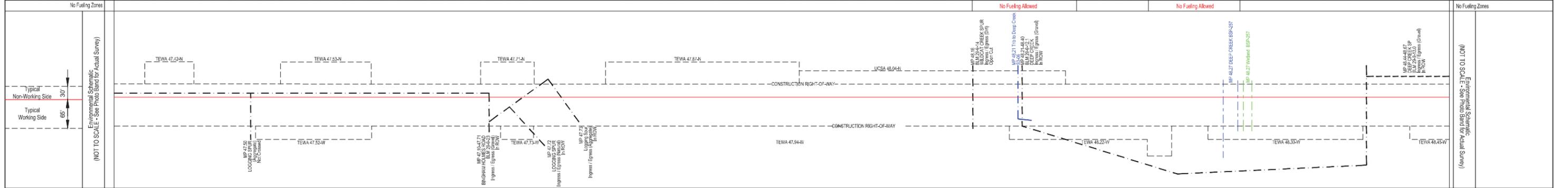
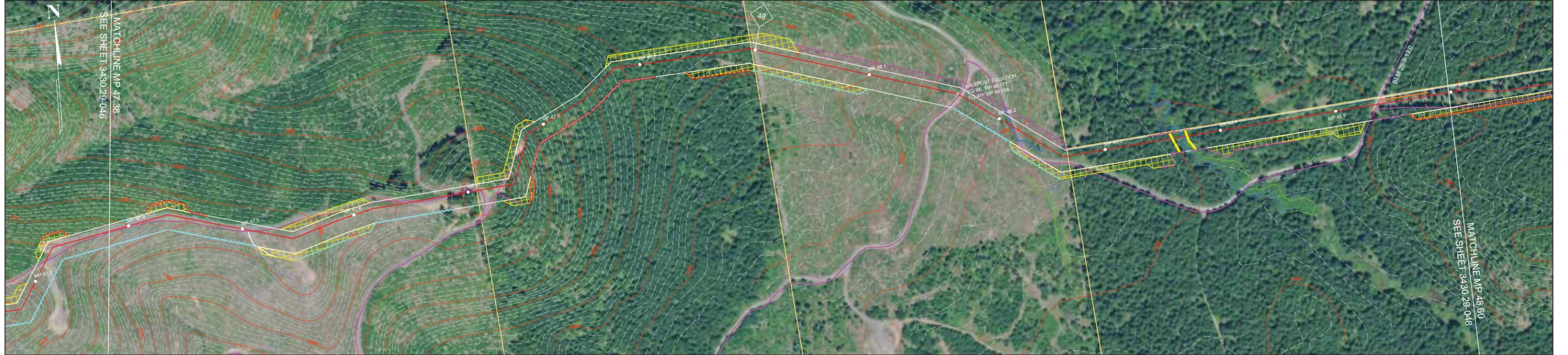
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 46.11 TO 47.38
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-046 | SHEET 46 OF 226 |

| | | | | | | | |
|---|---|------------|------------|--|------------|------------|---|
| Legal Location | SEC 14, T29S, R9W | | | SEC 13, T29S, R9W | | | Legal Location |
| Ownership / Management | DO-196-002 | DO-200.000 | DO-201.000 | DO-203.000 | DO-203.000 | DO-203.000 | Ownership / Management |
| Jurisdiction | BLM - ROSEBURG DISTRICT | | | BLM - ROSEBURG DISTRICT | | | Jurisdiction |
| Federal Landuse Allocation | Late-Successional Reserve | | | Late-Successional Reserve | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | Trib to Deep Creek Dry Open Cut | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | Deep Creek Dry Open Cut / July 1 - Sept. 15 | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | BSP-257 | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | HYDROSTATIC TEST BREAK | | | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
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 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

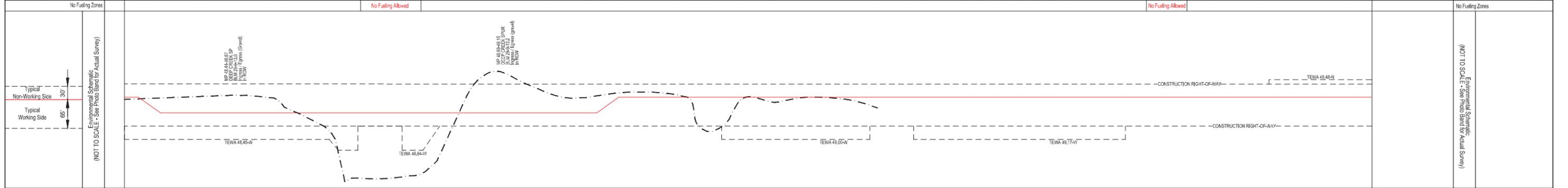
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 47.38 TO 48.60
DOUGLAS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-047 SHEET 47 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | | | | | | | |
|---|-----------------------|----|---|----|--|----|---|-----------|------------------|--|--|---|---|
| Legal Location | SEC 13, T29S, R9W | | | | SEC 18, T29S, R9W | | | | SEC 7, T29S, R9W | | | | Legal Location |
| Ownership / Management | DO-203.000 | | | | DO-204.000 | | | | DO-205.000 | | | | Ownership / Management |
| Jurisdiction | BLM-ROSEBURG DISTRICT | | | | DOUGLAS COUNTY | | | | | | | | Jurisdiction |
| Federal Landuse Allocation | 8 | 2b | 8 | 2b | 8 | 2b | 8 | NOV - MAY | | | | Federal Landuse Allocation | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 1/2 | 1 | 2 | 1 | 2 | 1 | 3 | | | | | Topsoil Salvage / Federal Lands Soil Risk | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | | | | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
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- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | | |
|--|-----|-----------|----|---|------|------|
| 2a - District Designated Reserve (No Harvest) | NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2b - District Designated Reserve (Non-Forest) | 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| 3a - Late-Successional Reserve (Dry Forest) | | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |
| 3b - Late-Successional Reserve (Moist Forest) | | | | | | |
| 4a - Riparian Reserve (Dry Forest) | | | | | | |
| 4b - Riparian Reserve (Moist Forest) | | | | | | |
| 5 - Estabio Management Area | | | | | | |
| 6 - Harvest Land Base (Unknow-Aged Timber Area) | | | | | | |
| 7 - Harvest Land Base (Low Intensity Timber Area) | | | | | | |
| 8 - Harvest Land Base (Moderate Intensity Timber Area) | | | | | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

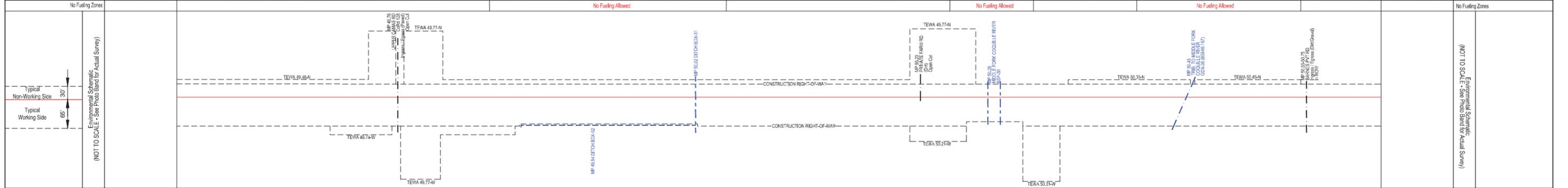
PUBLIC

**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 48.60 TO 49.57
DOUGLAS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-048 | SHEET 48 OF 226 |

| | | | |
|---|-----------------------------|----------------------------------|----------------------------------|
| Legal Location | SEC 7, T29S, R8W | SEC 8, T29S, R8W | Legal Location |
| Ownership / Management | DC-205.000 | DC-204.000 | DC-208.000 |
| Jurisdiction | DOUGLAS COUNTY | | |
| Federal Land Use Allocation | 422 | | |
| Areas of High Groundwater (Potential Trench Dewatering) | NOV - MAY | | |
| Wetland / Waterbody | Ditch | Ditch | Middle Fork Coquille River |
| Crossing Method / Instream Construction Window | | Dry Open-Cut / July 1 - Sept. 15 | Dry Open-Cut / July 1 - Sept. 15 |
| Biological Seasonal Construction Window (as of September 2017) | | | |
| Topsoil Salvage / Federal Lands Soil Risk | RESIDENTIAL - 3430.33-X-001 | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | |
| Survey Status (wetlands as of July 2017) | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

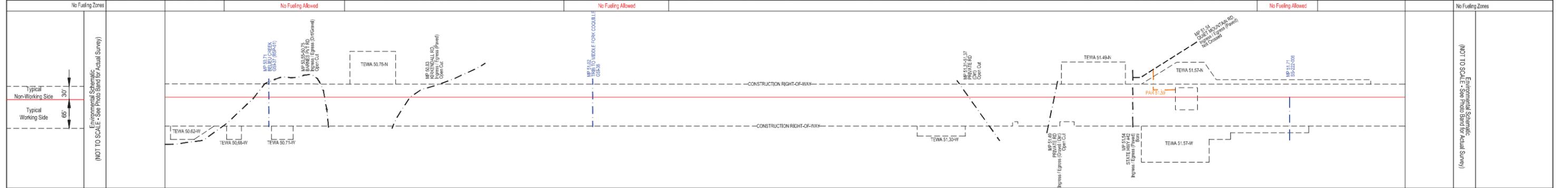
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 49.57 TO 50.62
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-049 | SHEET 49 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | | |
|--|----------------------------------|------------|-------------------|---------------------------|---|------------|----------------------------------|------------|------------|--|
| Legal Location | SEC 8, T29S, R6W | | SEC 17, T29S, R6W | | | | SEC 16, T29S, R6W | | | Legal Location |
| Ownership / Management | DO-208.000 | DO-210.000 | DO-211.000 | DO-212.00LT DO-213.000 | DO-213.000 | DO-214.000 | DO-215.000 | DO-217.000 | DO-217.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | | BLM-ROSEBURG DISTRICT | | DOUGLAS COUNTY | | | Jurisdiction |
| Federal Land Use Allocation | | | | | 3b | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | NOV - MAY | | | | NOV - MAY | | Ditch | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Belleu Creek | | | | Trib to Middle Fork Coquille River | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | | | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | MARBLE MURRELET (APRIL 1 - AUGUST 5) (DTRs) | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | 2 | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | | | HYDROSTATIC TEST BREAK / BVA #4 | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|----------|-------------------------------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | DATE | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | Aug-2019 | Issued for FERC DEIS Response |

| FEDERAL LANDS SOIL RISK SENSITIVITY RANK | |
|--|--------|
| 1-Very Low | 2-Low |
| 3-Moderate | 4-High |
| 5-Very High | |

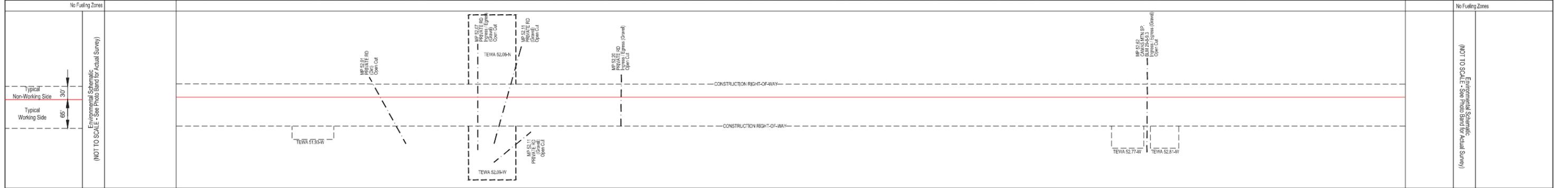
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 50.62 TO 51.82
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-050 | SHEET 50 OF 226 |

| | | | | | | | | |
|---|-------------------|------------|------------|------------|-------------------------|------------|------------------------------------|---|
| Legal Location | SEC 16, T29S, R8W | | | | SEC 15, T29S, R8W | | SEC 10, T29S, R8W | Legal Location |
| Ownership / Management | DO-217.000 | DO-219.000 | DO-220.000 | DO-221.000 | DO-222.000 | DO-223.000 | Ownership / Management | |
| Jurisdiction | DOUGLAS COUNTY | | | | BLM - ROSEBURG DISTRICT | | DOUGLAS COUNTY | Jurisdiction |
| Federal Landuse Allocation | | | | | 3b | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | 1 / 2 | | 2 | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | | | ACCESS DENIED (CULTURAL / WETLAND) | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|--|--|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | | |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

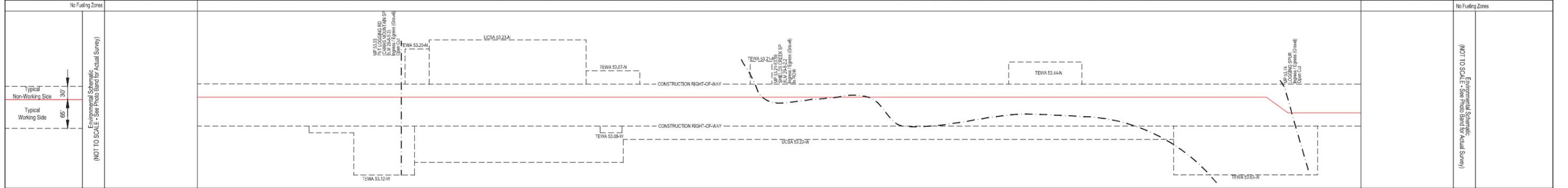
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 51.82 TO 53.02
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-051 | SHEET 51 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|---|------------------------------------|------------|------------|------------|--|------------|------------|------------------------|---|
| Legal Location | SEC 10, T29S, R8W | | | | SEC 11, T29S, R8W | | | | Legal Location |
| Ownership / Management | DO-223.000 | DO-224.000 | DO-225.000 | DO-226.000 | DO-227.000 | DO-228.000 | DO-229.000 | Ownership / Management | |
| Jurisdiction | DOUGLAS COUNTY | | | | BLM - ROSEBURG DISTRICT | | | | DOUGLAS COUNTY |
| Federal Landuse Allocation | | | | | 30 | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | NSO (MAR 1 - JUL 15 (No Activity)) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | 1 | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (CULTURAL / WETLAND) | | | | | | | | ACCESS DENIED (CULTURAL / WETLAND) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

| | | | | |
|------------|-------|------------|--------|-------------|
| 1-Very Low | 2-Low | 3-Moderate | 4-High | 5-Very High |
|------------|-------|------------|--------|-------------|

REVISIONS

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

Scale: 200 0 200 400 FEET

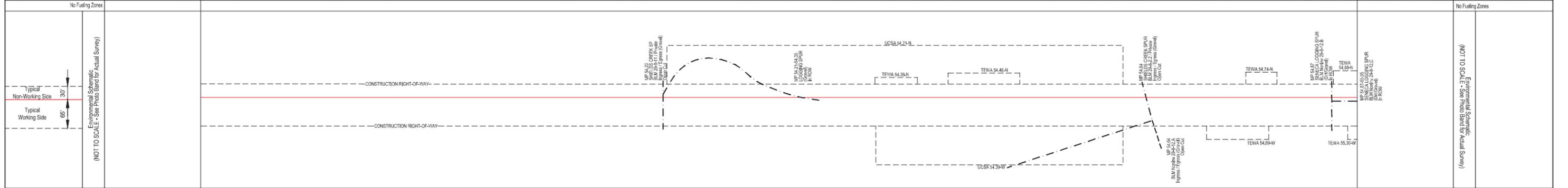
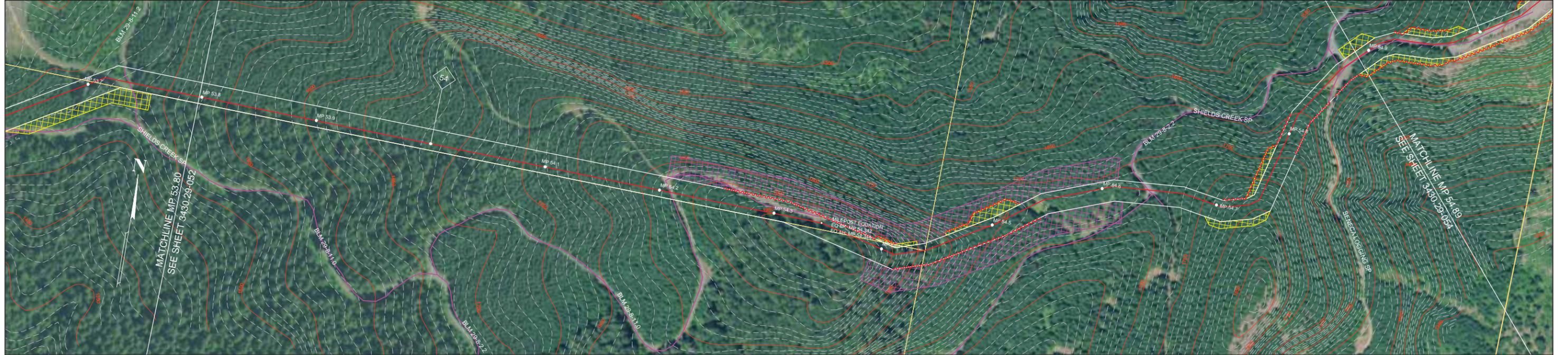
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 53.02 TO 53.80
 DOUGLAS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-052 SHEET 52 OF 226

| | | | | | |
|---|---------------------------------------|--|--|----------------|---|
| Legal Location | SEC 11, T29S, R8W | | SEC 12, T29S, R8W | | Legal Location |
| Ownership / Management | DO-227.000 | | DO-228.000 | DO-228.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | BLM - ROSEBURG DISTRICT | DOUGLAS COUNTY | Jurisdiction |
| Federal Land Use Allocation | | | 3b | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | NSO (MARCH 1 - JULY 15 (No Activity)) | | MARbled MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | 2 | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | | Survey Status (wetlands as of July 2017) |



| | | | |
|--|--|--|--|
| No Fueling Zones | | No Fueling Zones | |
| <p>Typical Non-Working Side 30'</p> <p>Typical Working Side 65'</p> <p>Environmental Schematic - See Photo Band for Actual Survey</p> <p>(NOT TO SCALE - See Photo Band for Actual Survey)</p> | | <p>(NOT TO SCALE - See Photo Band for Actual Survey)</p> <p>Environmental Schematic - See Photo Band for Actual Survey</p> | |

NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

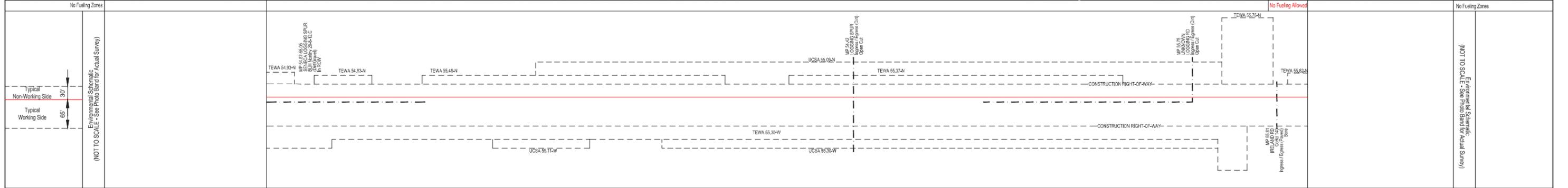
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 53.80 TO 54.89
 DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-053 | SHEET 53 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | |
|---|------------------------------------|------------|------------|------------------|------------|------------|---|
| Legal Location | SEC 12, T29S, R8W | | | SEC 1, T29S, R8W | | | Legal Location |
| Ownership / Management | DO-228.000 | DO-229.000 | DO-229.000 | DO-229.000 | DO-229.000 | DO-229.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | | | | Jurisdiction |
| Federal Landuse Allocation | | | | | | | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | | | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | | | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (CULTURAL / WETLAND) | | | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|----------|-------------------------------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | DATE | DESCRIPTION |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | Aug-2019 | Issued for FERC DEIS Response |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

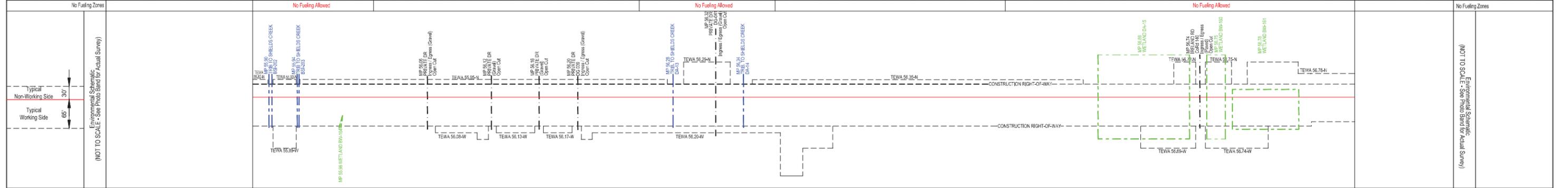
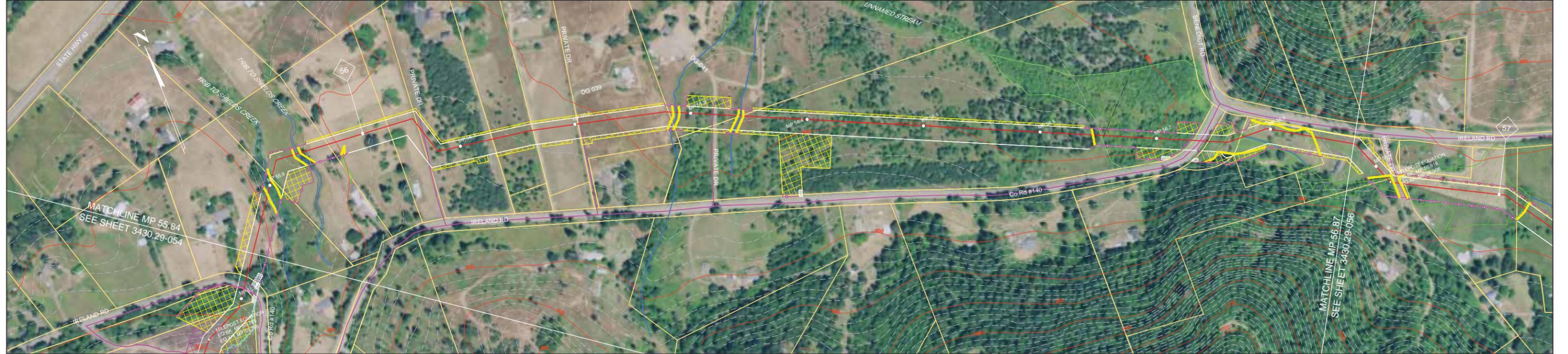
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 54.89 TO 55.84
 DOUGLAS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-054 SHEET 54 OF 226

| | | | | |
|---|--|--|------------------|---|
| Legal Location | SEC 1, T29S, R6W | SEC 6, T29S, R7W | SEC 7, T29S, R7W | Legal Location |
| Ownership / Management | DO-233.000 DO-234.000 DO-235.000 DO-236.000 DO-237.000 DO-238.000 DO-239.000 DO-240.000 DO-241.000 | DO-242.000 DO-243.000 DO-244.000 DO-245.000 DO-246.000 | DO-247.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | Jurisdiction |
| Federal Land Use Allocation | NOV - MAY | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | Tribes to Shields Creek | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | B/W-164 | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | Dry Open Cut / July 1 - Sept. 15 | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | Tribes to Shields Creek | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | DA-15 BW-160 BW-161 | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | ACCESS DENIED (WETLAND) | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | Survey Status (wetlands as of July 2017) |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
 - In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
 - In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
 - Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
 - If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
 - Right-of-way grading or vegetation clearing will occur as necessary.
 - Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
 - Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

| | | | | |
|------------|-------|------------|--------|-------------|
| 1-Very Low | 2-Low | 3-Moderate | 4-High | 5-Very High |
|------------|-------|------------|--------|-------------|

REVISIONS

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

Scale: 200 0 200 400 FEET

PUBLIC

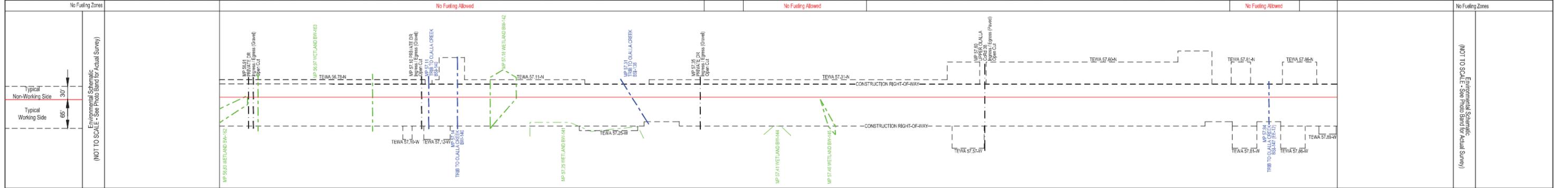
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 55.84 TO 56.87
DOUGLAS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-055 | SHEET 55 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | | | | |
|--|----------------------------------|------------|----------------------|------------|----------------------------------|-----------------------------------|------------|------------|--|
| Legal Location | SEC 7, T29S, R7W | | | | SEC 8, T29S, R7W | | | | Legal Location |
| Ownership / Management | DO-247.000 | DO-249.000 | DO-250.000 | DO-251.000 | DO-252.000 | UPPER OALLA RD 38 DO-253.000RD | DO-254.000 | DO-255.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | | | | | | Jurisdiction |
| Federal Land Use Allocation | | | | | | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | BW-162 | BW-163 | Trib to Ollala Creek | BW-142 | BW-141 | Trib to Ollala Creek | BW-144 | BW-145 | Trib to Ollala Creek |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | | | Dry Open-Cut / July 1 - Sept. 15 | | | | Dry Open-Cut / July 1 - Sept. 15 |
| Biological Seasonal Construction Window (as of September 2017) | NOV - MAY | | | | | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | RESIDENTIAL - 3430.33-X-0002 | | | | | | | | RESIDENTIAL - 3430.33-X-0003 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
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- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
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- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

| BLM LANDUSE - 2016 RMP | | | | REVISIONS | | | |
|------------------------|-----------|----|---|-----------|------|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE | | |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE | | |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

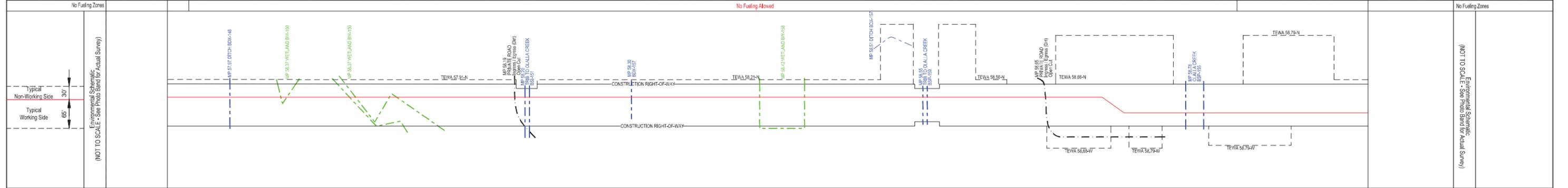
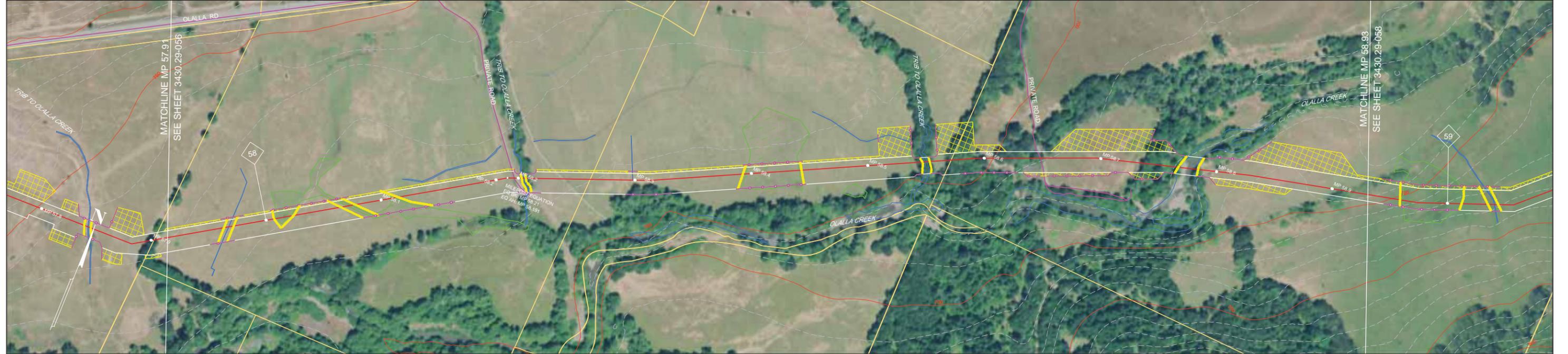
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 56.87 TO 57.91
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-056 | SHEET 56 OF 226 |

| | | | | |
|---|--|------------------|--|---|
| Legal Location | SEC 8, T29S, R7W | SEC 9, T29S, R7W | SEC 4, T29S, R7W | Legal Location |
| Ownership / Management | DO-255.000 | DO-256.000L | DO-257.000 OLALLA CREEK DO-257.000WC | DO-257.000 Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | Jurisdiction |
| Federal Land Use Allocation | NOV - MAY | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | NOV - MAY | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | Ditch | BW-150 | Tribe to Olalla Creek | Ditch |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | Dry Open-Cut / July 1 - Sept. 15 |
| Biological Seasonal Construction Window (as of September 2017) | MARBLED MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | ACCESS DENIED (WETLAND) | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
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- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFV)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

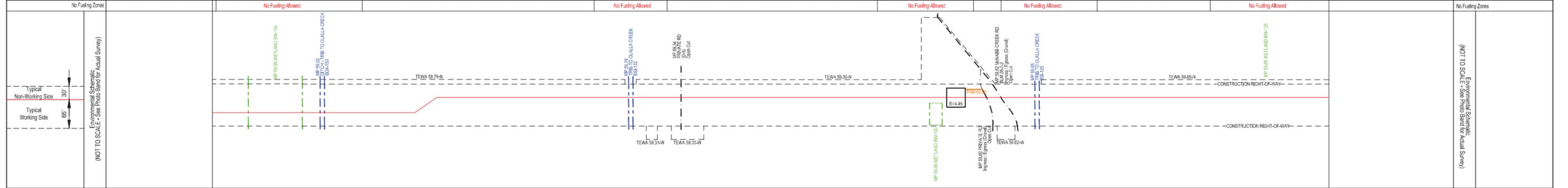
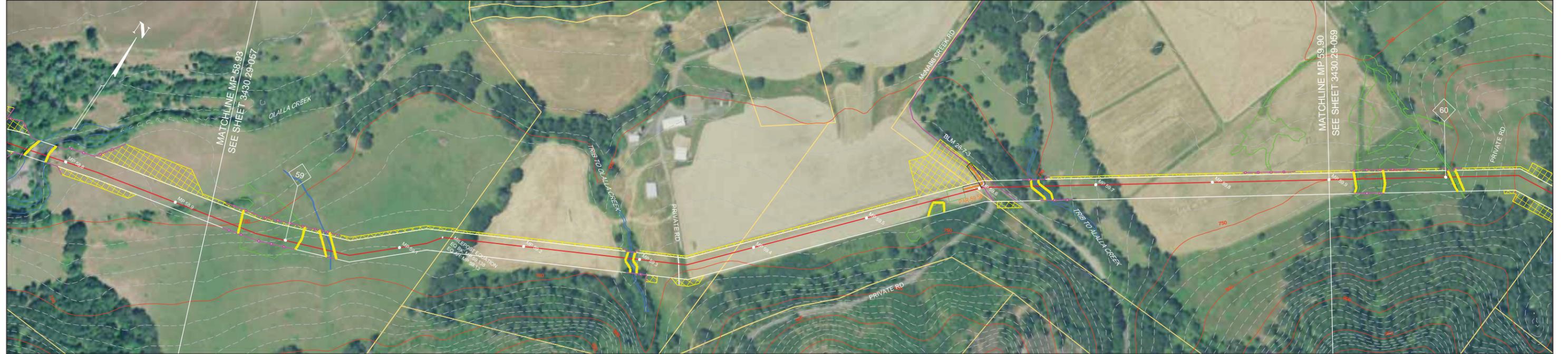
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 57.91 TO 58.93
DOUGLAS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-057 | SHEET 57 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | |
|---|---|----------------------|----------------------------------|----------------------|---|
| Legal Location | SEC 4, T29S, R7W | | SEC 3, T29S, R7W | | Legal Location |
| Ownership / Management | DO-257.000 | DO-258.000 | DO-259.000 | DO-260.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | | | Jurisdiction |
| Federal Land Use Allocation | NOV - MAY | | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | BW-154 | Trib to Olalla Creek | BW-130 | Trib to Olalla Creek | BW-123 |
| Crossing Method / Instream Construction Window | Dry Open-Cut / July 1 - Sept. 15 | | Dry Open-Cut / July 1 - Sept. 15 | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | ACCESS DENIED (WETLAND) BVA #5 | | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------|-----------|---|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

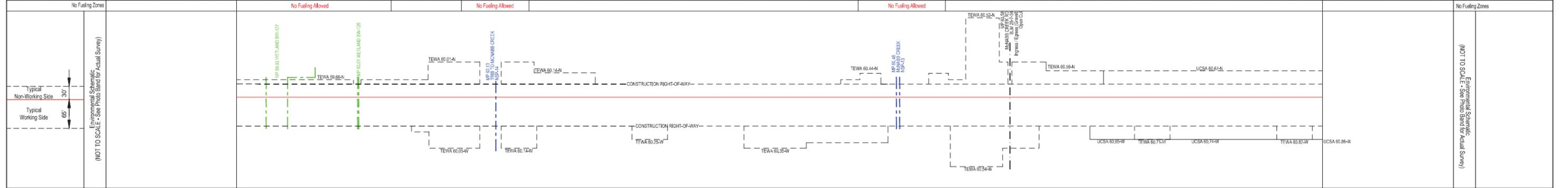
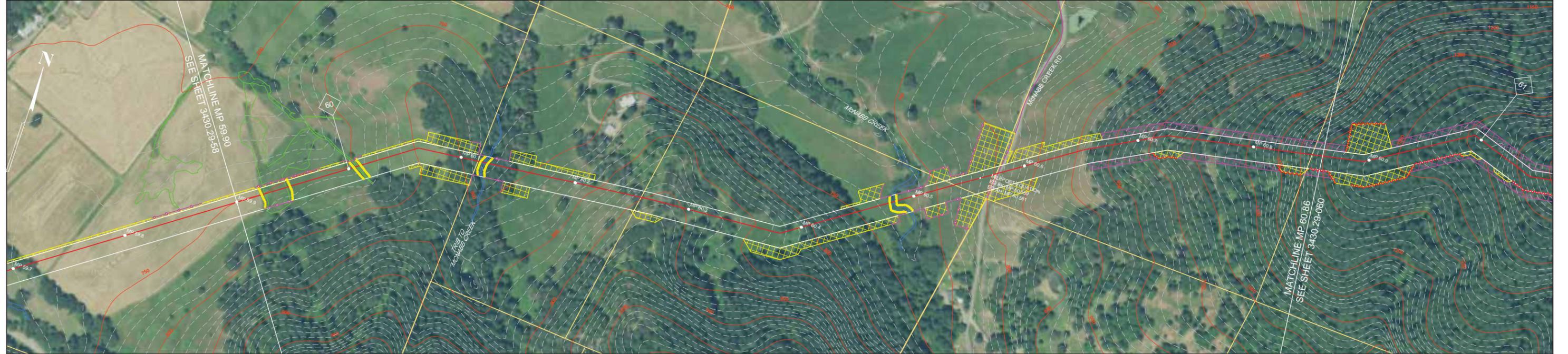
PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 58.93 TO 59.90
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430-29-058 | SHEET 58 OF 226 |

| | | | | | | | | |
|---|--|---|------------|------------|----------------------------------|-------------------|------------|------------------------|
| Legal Location | | SEC 3, T28S, R7W | | | SEC 34, T28S, R7W | SEC 35, T28S, R7W | | Legal Location |
| Ownership / Management | | DO-260.000 | DO-262.000 | DO-263.000 | DO-266.000 DO-264.000AB | DO-267.000 | DO-268.000 | Ownership / Management |
| Jurisdiction | | DOUGLAS COUNTY | | | | | | |
| Federal Land Use Allocation | | | | | | | | |
| Areas of High Groundwater (Potential Trench Dewatering) | | NOV - MAY | | | | | | |
| Wetland / Waterbody | | Trib to McNabb Creek | | | McNabb Creek | | | |
| Crossing Method / Instream Construction Window | | Dry Open-Cut / July 1 - Sept. 15 | | | Dry Open-Cut / July 1 - Sept. 15 | | | |
| Biological Seasonal Construction Window (as of September 2017) | | MARBLE MURRELET (APRIL 1 - AUGUST 5 (DTRs)) | | | | | | |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | | | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | | | |
| Survey Status (wetlands as of July 2017) | | ACCESS DENIED (WETLAND) | | | | | | |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------------------|----|--|------|------|
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

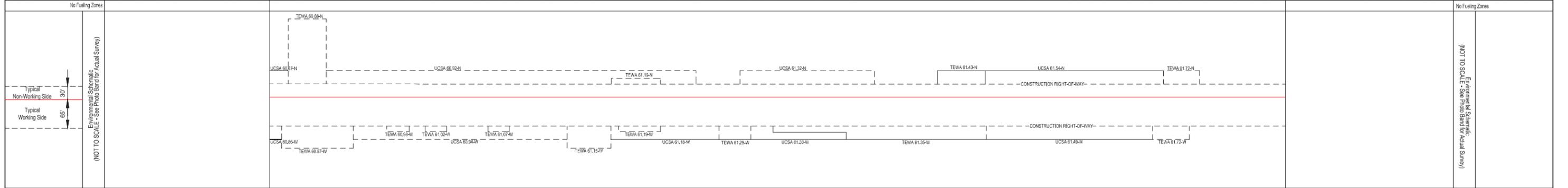
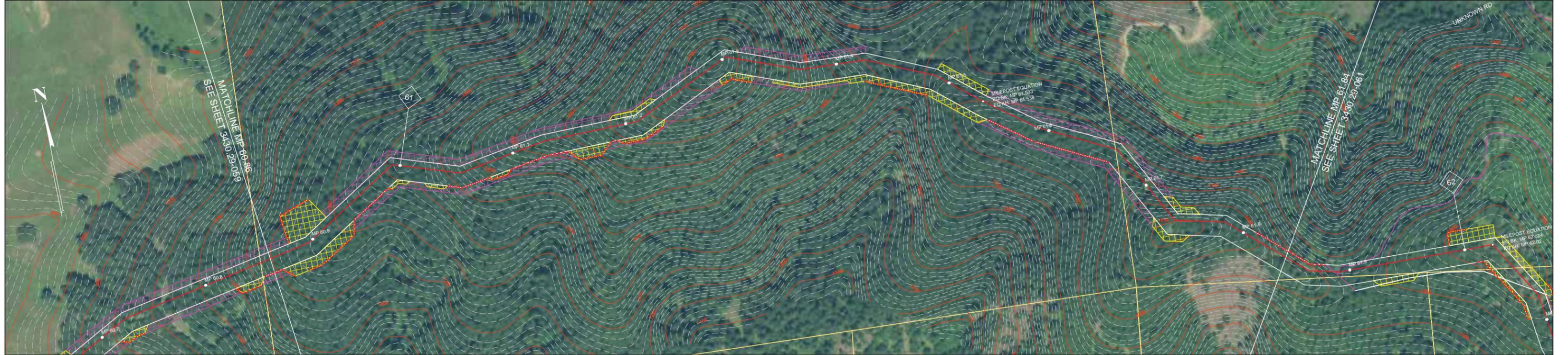
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 59.90 TO 60.86
DOUGLAS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-059 | SHEET 59 OF 226 |

Pacific Connector
GAS PIPELINE

| | | |
|--|-------------------------|--|
| Legal Location | SEC 36, T28S, R7W | Legal Location |
| Ownership / Management | DO-268.000 | Ownership / Management |
| Jurisdiction | BLM - ROSEBURG DISTRICT | Jurisdiction |
| Federal Landuse Allocation | 3a | Federal Landuse Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | 3 2 3 2 3 | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
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- Right-of-way grading or vegetation clearing will occur as necessary.
- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFW)
- Construction Entrance Pad (CE)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

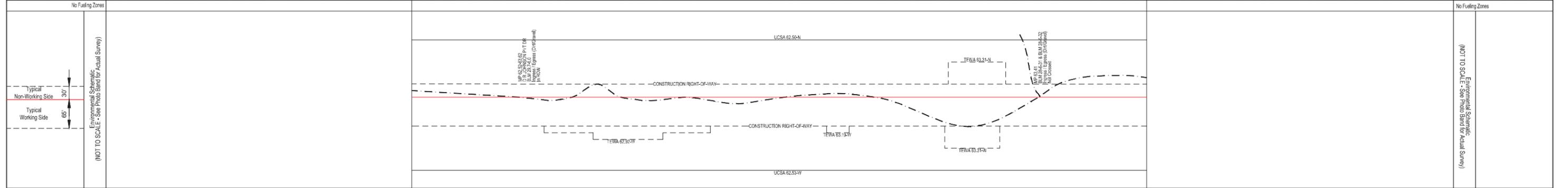
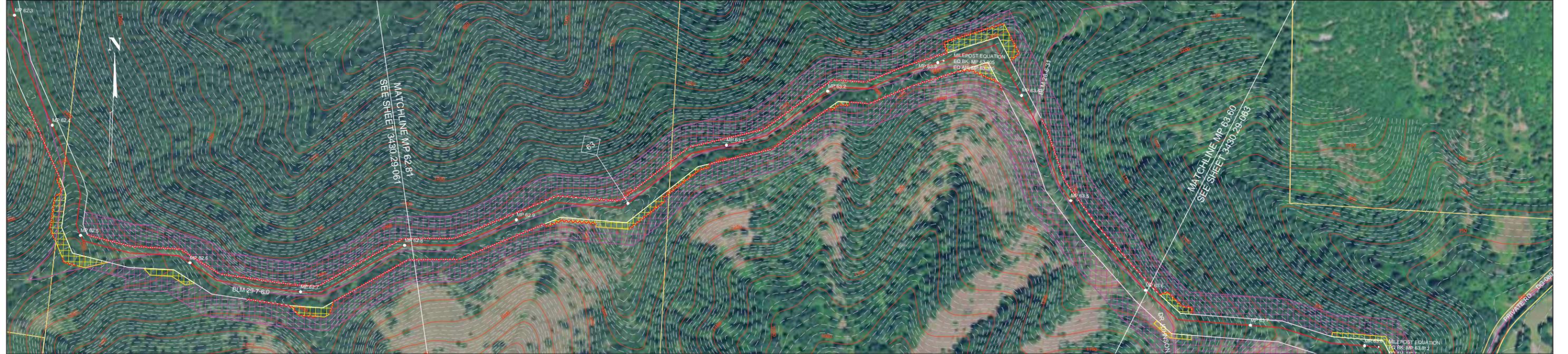
**PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT**

**SPREAD #3
MP 60.86 TO 61.84
DOUGLAS COUNTY, OREGON**

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-060 | SHEET 60 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | |
|---|-----------------|-----------------|---|
| Legal Location | SE 1, T29S, R7W | SE 6, T29S, R6W | Legal Location |
| Ownership / Management | DC-272.000 | DC-273.000 | Ownership / Management |
| Jurisdiction | DOUGLAS COUNTY | | Jurisdiction |
| Federal Land Use Allocation | | | Federal Land Use Allocation |
| Areas of High Groundwater (Potential Trench Dewatering) | | | Areas of High Groundwater (Potential Trench Dewatering) |
| Wetland / Waterbody | | | Wetland / Waterbody |
| Crossing Method / Instream Construction Window | | | Crossing Method / Instream Construction Window |
| Biological Seasonal Construction Window (as of September 2017) | | | Biological Seasonal Construction Window (as of September 2017) |
| Topsoil Salvage / Federal Lands Soil Risk | | | Topsoil Salvage / Federal Lands Soil Risk |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | Hydrostatic Test Water Release / Aboveground Facilities / Residential |
| Survey Status (wetlands as of July 2017) | | | Survey Status (wetlands as of July 2017) |



NOTES:

- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
- In wetlands limit pulling of tree stumps and grading activities to directly over the trench line. Do not grade or remove stumps or root systems from the rest of the construction right-of-way.
- In wetlands segregate the top one foot of topsoil from the trench line, except in areas where standing water or saturated soils are present.
- Topsoil will be stripped from the trench line and spoil storage area only in croplands, hayfields, pastures and residential areas. Topsoil may be imported in residential areas as necessary to assure adequate reclamation.
- If streams proposed to be open cut are flowing at the time of construction, they will be crossed using a dry open cut method (i.e., flume, dam & pump, etc.). If streams proposed to be dry open cut are not flowing at the time of construction, they will be open cut.
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- Seed mixes in the ECRP or according to landowner agreements or as directed by E.I.
- Pacific Connector understands that fisheries' construction windows only apply to those waterbodies flowing at the time of construction and that the windows do not apply to HDD crossings.

LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Temporary Construction Right-of-Way (Shown white on photography)
- Temporary Extra Work Area
- Uncleared Storage Area
- Pipe Yard
- Aboveground Facility
- Rock Source/Disposal
- Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
- Silt Fence (SF)
- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

| BLM LANDUSE - 2016 RMP | | REVISIONS | | | |
|------------------------|-----------------------|-----------|--|------|------|
| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
| 2 | Sept-2017 Aug-2019 | EE | Issued for FERC Certificate Application Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

Scale: 200 0 200 400 FEET

PUBLIC

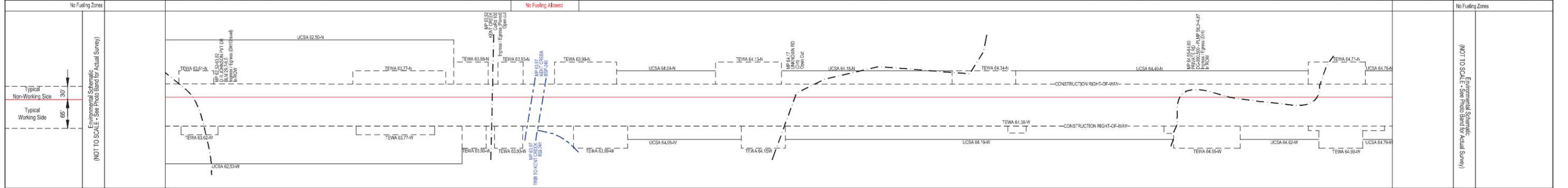
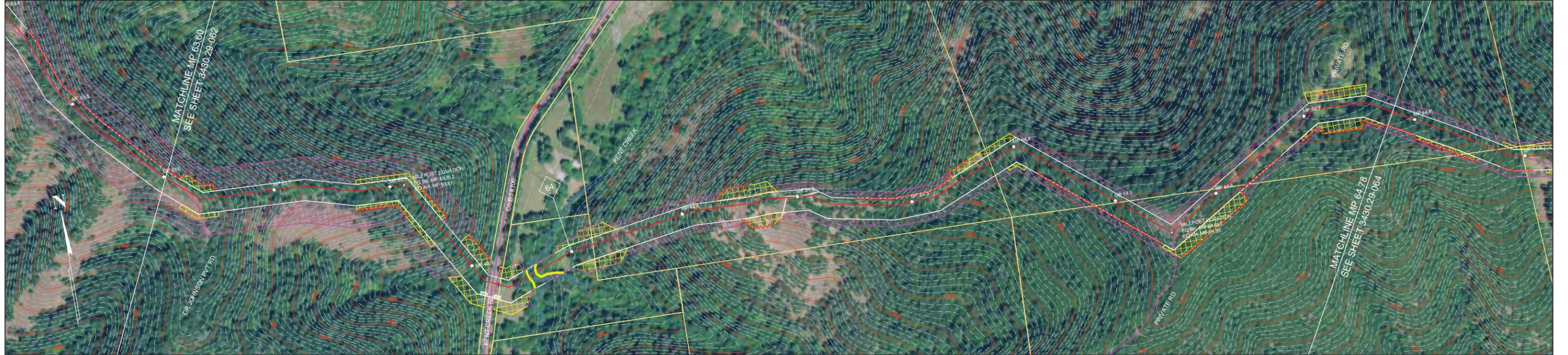
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
MP 62.81 TO 63.60
DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-062 | SHEET 62 OF 226 |

Pacific Connector
GAS PIPELINE

| | | | | | | |
|---|------------|--|------------|-------------------------|----------------|-------------------------|
| Legal Location | | SEC 6, T29S, R6W | | SEC 5, T29S, R6W | | Legal Location |
| Ownership / Management | DO-273.000 | KENT CREEK CANY RD 100 DO-274.000RD DO-275.000 KENT CREEK DO-277.000WC DO-276.000 | DO-276.000 | DO-278.000 | DO-280.000 | DO-278.000 |
| Jurisdiction | | DOUGLAS COUNTY | | BLM - ROSEBURG DISTRICT | DOUGLAS COUNTY | BLM - ROSEBURG DISTRICT |
| Federal Landuse Allocation | | | | 6 | | 6 |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | 2a |
| Wetland / Waterbody | | Kent Creek & Trib to Kent Creek | | | | 6 |
| Crossing Method / Instream Construction Window | | Dry Open-Cut / July 1 - Sept. 15 | | | | 2b |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | 6 |
| Topsoil Salvage / Federal Lands Soil Risk | | | | | | 2 |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential | | | | | | |
| Survey Status (wetlands as of July 2017) | | | | | | |



- NOTES:**
- In wetlands cut vegetation off at ground level, leaving existing root systems in place and remove the vegetation from the wetland for disposal.
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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
 - Pipe Yard
 - Aboveground Facility
 - Rock Source/Disposal
- Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.
 - Drivable Berm or Sediment Barrier / Portable Bridge / Wetland Crossing (DB) (SB) (PB) (WC)
 - Silt Fence (SF)
 - Safety Fence (SAF)
 - Slash Filter Window (SFW)
 - Construction Entrance Pad (CE)

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

- 1-Very Low
- 2-Low
- 3-Moderate
- 4-High
- 5-Very High

REVISIONS

Scale: 200 0 200 400 FEET

PUBLIC

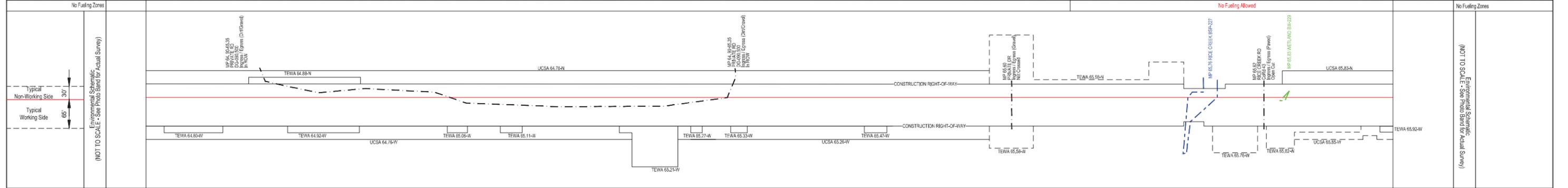
PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 63.60 TO 64.78
 DOUGLAS COUNTY, OREGON

DRAWN BY: EE DATE: AUG-2019 ISSUED FOR BID: 24x36 SCALE: 1 Inch = 200 Feet
 CHECKED BY: EE DATE: AUG-2019 ISSUED FOR CONSTRUCTION: 11x17 SCALE: 1 Inch = 450 Feet
 APPROVED BY: EE DATE: AUG-2019 DRAWING NUMBER: 3430.29-063 SHEET 63 OF 226

Pacific Connector
GAS PIPELINE

| | | | | | | | | | | |
|--|-------------------------|------------|------------|------------|----------------------------------|------------|--------------|--|--|--|
| Legal Location | SEC 5, T29S, R6W | | | | SEC 4, T29S, R6W | | | | Legal Location | |
| Ownership / Management | DO-278.000 | DO-280.000 | DO-281.000 | DO-282.000 | DO-284.000RT | DO-283.000 | DO-286.000RT | DO-285.000 RICE CREEK DO-286.000 DO-287.000 | DO-289.000 DO-291.000 | Ownership / Management |
| Jurisdiction | BLM - ROSEBURG DISTRICT | | | | DOUGLAS COUNTY | | | | Jurisdiction | |
| Federal Landuse Allocation | 6 | | | | | | | | Federal Landuse Allocation | |
| Areas of High Groundwater (Potential Trench Dewatering) | | | | | | | | | Areas of High Groundwater (Potential Trench Dewatering) | |
| Wetland / Waterbody | | | | | Rice Creek | | | | Wetland / Waterbody | |
| Crossing Method / Instream Construction Window | | | | | Dry Open-Cut / July 1 - Sept. 15 | | | | Crossing Method / Instream Construction Window | |
| Biological Seasonal Construction Window (as of September 2017) | | | | | | | | | Biological Seasonal Construction Window (as of September 2017) | |
| Topsoil Salvage / Federal Lands Soil Risk | 2 | | | | | | | | Topsoil Salvage / Federal Lands Soil Risk | |
| Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) | | | | | RESIDENTIAL - 3430.33-X-0004 | | | | RESIDENTIAL - 3430.33-X-0005 | Hydrostatic Test Water Release / Aboveground Facilities / Residential Survey Status (wetlands as of July 2017) |



NOTES:

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LEGEND

- Proposed Pipeline
- Tax Parcel Boundaries
- Wetland
- Stream
- Access Road
- Permanent / Temporary Access Road (PAR / TAR)
- Construction Right-of-Way
 - Temporary Construction Right-of-Way (Shown white on photography)
 - Temporary Extra Work Area
 - Uncleared Storage Area
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 - Aboveground Facility
 - Rock Source/Disposal
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- Safety Fence (SAF)
- Slash Filter Window (SFV)
- Construction Entrance Pad (CE)

Note: BMP type and placement to be determined by Environmental Inspector based on site-specific conditions.

BLM LANDUSE - 2016 RMP

| NO. | DATE | BY | DESCRIPTION | CHK. | APP. |
|-----|-----------|----|---|------|------|
| 2 | Sept-2017 | EE | Issued for FERC Certificate Application | EE | EE |
| | Aug-2019 | EE | Issued for FERC DEIS Response | EE | EE |

FEDERAL LANDS SOIL RISK SENSITIVITY RANK

1-Very Low
2-Low
3-Moderate
4-High
5-Very High

REVISIONS

200 0 200 400 FEET

PUBLIC

PACIFIC CONNECTOR GAS PIPELINE PROJECT
PACIFIC CONNECTOR GAS PIPELINE, LP
ENVIRONMENTAL ALIGNMENT

SPREAD #3
 MP 64.78 TO 65.93
 DOUGLAS COUNTY, OREGON

| | | | |
|-----------------|----------------|-----------------------------|--------------------------------|
| DRAWN BY: EE | DATE: AUG-2019 | ISSUED FOR BID: | 24x36 SCALE: 1 Inch = 200 Feet |
| CHECKED BY: EE | DATE: AUG-2019 | ISSUED FOR CONSTRUCTION: | 11x17 SCALE: 1 Inch = 450 Feet |
| APPROVED BY: EE | DATE: AUG-2019 | DRAWING NUMBER: 3430.29-064 | SHEET 64 OF 226 |

Pacific Connector
GAS PIPELINE