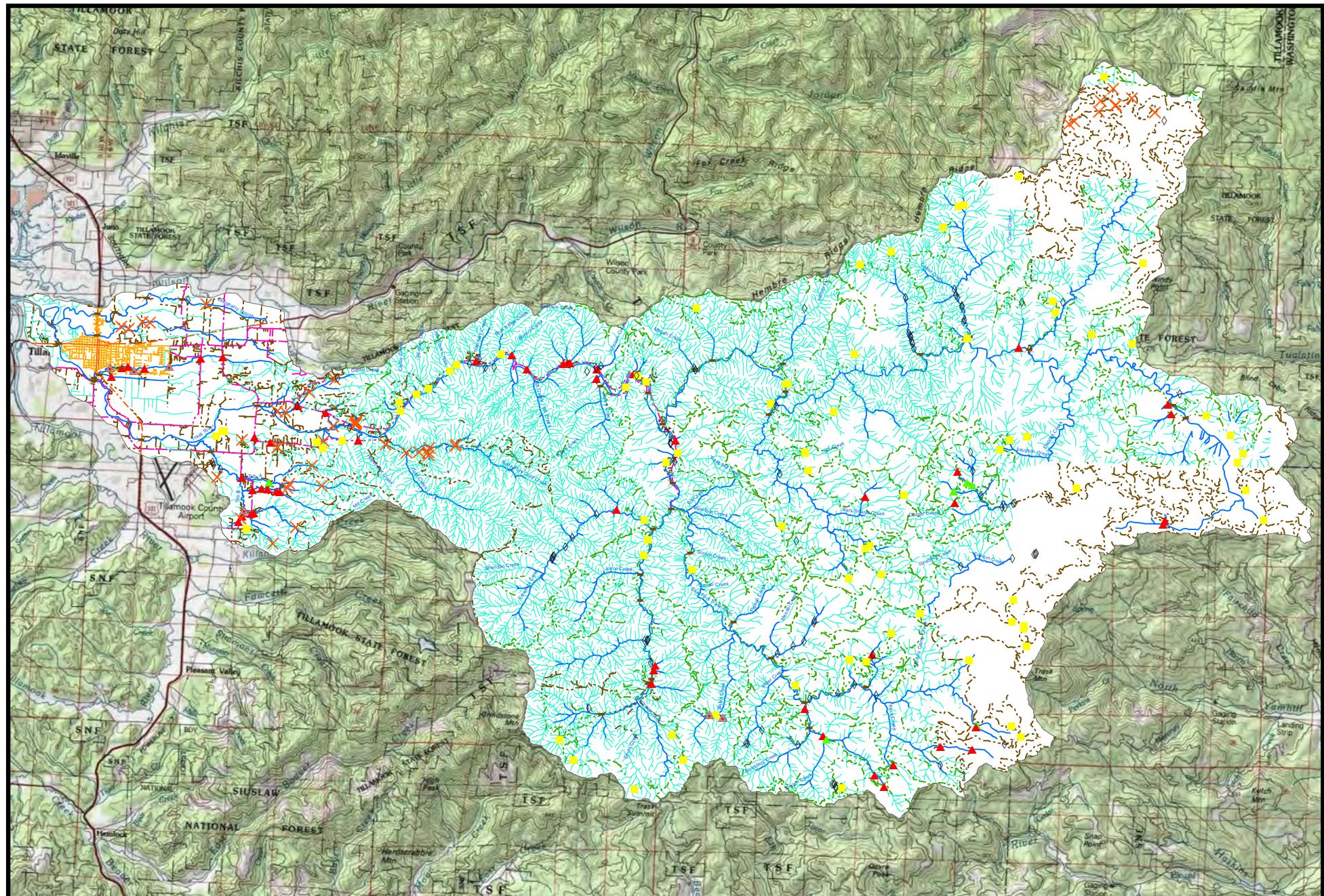

**Trask River Basin
Culverts**



0 1 2 4 6 8
Miles

Trask Basin Crossings

Trask River Basin Clusters

| Cluster | Culvert Numbers | Priority | Stream | Upstream Habitat |
|--------------------------------|--------------------|----------|----------------------|------------------|
| Holden Creek | 955 | M | Unnamed tributary | 4.5 |
| | 952 | M | Holden Creek | |
| | 942 | H | Holden Creek | |
| | 945 | H | Holden Creek | |
| | 946 | M | Holden Creek | |
| | 948 | H | Holden Creek | |
| | 947 | M | Holden Creek | |
| | 930 | M | Holden Creek | |
| | 929 | L | Holden Creek | |
| Mill Creek | 1094 | H | Unnamed tributary A | 9.7 |
| | 1095 | N/A | Unnamed tributary A | |
| | 1106 | H | Mill Creek | |
| | 1107 | H | Mill Creek | |
| | 1105 | H | Mill Creek | |
| | 1128 | H | Mill Creek | |
| | 1127 | H | Mill Creek | |
| | 1134 | H | Unnamed tributary B | |
| | 1137 | H | Unnamed tributary B | |
| | 1136 | H | Unnamed tributary B | |
| | 1146 | L | Unnamed tributary B1 | |
| | 1156 | L | Unnamed tributary B1 | |
| | | | | |
| | | | | |
| Chance Road Area | 1027 | L | Unnamed tributary | 0.7 |
| | 1039 | L | Unnamed tributary | |
| | 1021 | L | Hanenkrat Creek | |
| Lower Trask River Road Area | 987 | H | Green Creek | 2.0 |
| | 999 | L | Unnamed tributary | |
| Peninsula Area | 918 | M | Hatchery Creek | 1.1 |
| | 889 | L | Burton Creek | |
| | 925 | L | Unnamed tributary | |
| Samson and Johnson creeks Area | 907 | L | Unnamed tributary | 3.5 |
| | 903 | L | Unnamed tributary | |
| | 902 | H | Samson Creek | |
| | 915 | H | Johnson Creek | |
| | 944 | L | Unnamed tributary | |
| | 927 | L | Unnamed tributary | |
| Lower South Fork Trask R. Area | 1010 | L | Unnamed tributary | 0.1 |

| | | | | |
|--------------------------------|------|-----|-------------------------|-----|
| Edwards Creek Area | 1120 | H | Unnamed tributary | 0.8 |
| Upper S.F. Trask River Area | 5001 | L | Unnamed tributary | 1.1 |
| | 1378 | L | Unnamed tributary | |
| | 1402 | H | Unnamed tributary | |
| Bales Creek Area | 1448 | M | Bales Creek | 1.1 |
| | 1453 | L | S.F. Bales Creek | |
| Boundary Creek and HQ Camp | 1431 | L | Unnamed tributary | 2.2 |
| | 1472 | L | Unnamed tributary | |
| | 1476 | N/A | Headquarters Camp Creek | |
| Upper HQ Camp Creek Area | 1516 | L | Headquarters Camp Creek | 0.8 |
| | 1520 | L | Headquarters Camp Creek | |
| | 1499 | L | S.F. Rock Creek | |
| E.F. Trask and Rock Creek Area | 1483 | L | Rock Creek | 2.3 |
| | 1487 | L | Rock Creek | |
| | 1447 | N/A | E.F.S.F. Trask River | |
| | 1455 | H | Unnamed tributary | |
| Pothole Creek | 1342 | H | Pothole Creek | 0.4 |
| Bark Shanty Creek Area | 1099 | H | Unnamed tributary | 0.6 |
| Cruiser Creek Area | 1058 | N/A | Unnamed tributary | 2.3 |
| | 1060 | N/A | July Creek | |
| | 1059 | L | July Creek | |
| | 1068 | N/A | Whirlwind Creek | |
| | 1109 | L | Unnamed tributary | |
| Upper N.F. Trask Area | 864 | M | Unnamed tributary | 0.6 |
| Upper M.F.N.F. Trask Area | 962 | L | Unnamed tributary | 0.9 |
| | 965 | L | Unnamed tributary | |
| Flora Mainline Road Area | 1113 | L | M.F.N.F. Trask River | 1.1 |
| | 1112 | L | Unnamed tributary | |

HOLDEN CREEK CULVERTS

| LOCATION INFO | | Culvert # | 955 | Priority | M |
|--|------------------|---|------|----------|---|
| Watershed | | Trask River | | | |
| Stream Name | | Unnamed tributary of Holden Creek | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 31, NW $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 434496/5032993 | | | |
| Road Name | | Private farm road off Miller Avenue | | | |
| Road/Culvert Owner | | C. & P. Tohl | | | |
| Adjacent Landowners | | School Dist. #9 and C. & P. Tohl | | | |
| CULVERT INFO | | CHANNEL INFO | | | |
| Shape | Circular | Inlet Gradient (%) | -3.4 | | |
| Material | Corrugated metal | Upstream Gradient (%) | 1.4 | | |
| Length (ft) | 30 | Bankfull Width (ft) | 15.0 | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.4* | | |
| Height (in) | 36 | | | | |
| Outlet Perch (ft) | None | | | | |
| Slope (%) | -1.6 | Both pipes were identical. | | | |
| Rustline Height (in) | Entirely rusted | | | | |
| Overall Condition | Critical | | | | |
| PRIORITIZATION ANALYSIS | | | | | |
| Upstream Habitat Length (mi) | 1.1 | Habitat Points | 3 | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | |
| Fish Species | Anad. | Fish Points | 3 | | |
| Barrier Class | Red | Barrier Points | 3 | | |
| | | Prioritization Total Points | 10 | | |
| Notes: Dual pipes at this location. *Based on combined inlet widths. Water quality in channel appeared very poor. | | | | | |



| LOCATION INFO | | Culvert # | 952 | Priority | M |
|---|------------------|---|--------|----------|---|
| Watershed | | Trask River | | | |
| Stream Name | | Holden Creek | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 30, SW $\frac{1}{4}$ of SE $\frac{1}{4}$ | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 434445/5035277 | | | |
| Road Name | | Miller Road | | | |
| Road/Culvert Owner | | City of Tillamook | | | |
| Adjacent Landowners | | School Dist. #9, Hampton Lumber, City of Tillamook | | | |
| CULVERT INFO | | CHANNEL INFO | | | |
| Shape | Circular | Inlet Gradient (%) | 6.1 | | |
| Material | Corrugated metal | Upstream Gradient (%) | 3.6 | | |
| Length (ft) | 95 | Bankfull Width (ft) | 8.7 | | |
| Width (in) | 66 | Bankfull:Culvert Ratio | 1.26** | | |
| Height (in) | 66* | | | | |
| Outlet Perch (ft) | None | Both pipes were identical. Pipe inverts have 1.5 to 2 ft sediment and so neither pipe was capable of conveying their designed volume. *We were unable to measure the full vertical dimensions of either pipe inlet (probably due to sedimentation). | | | |
| Slope (%) | unknown | | | | |
| Rustline Height (in) | 52 | | | | |
| Overall Condition | Poor | | | | |
| PRIORITIZATION ANALYSIS | | | | | |
| Upstream Habitat Length (mi) | 3.4 | Habitat Points | 4 | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | |
| Fish Species | Anad. | Fish Points | 3 | | |
| Barrier Class | Gray | Barrier Points | 2 | | |
| | | Prioritization Total Points | 10 | | |
| Notes: Dual pipes at this location. Both outlets submerged and not accessible for measuring outlet invert elevation. As a result, we were unable to calculate the gradient of the pipes. **Based on combined inlet widths. | | | | | |



| LOCATION INFO | | | | Culvert # | 942 | Priority | H | | | | |
|--|------------------|--|-------|-----------|-----|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Holden Creek | | | | | | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 30, SW¼ of SE¼ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 434837/5033295 | | | | | | | | | |
| Road Name | | Hampton Lumber Mill internal road | | | | | | | | | |
| Road/Culvert Owner | | Hampton Lumber Co. | | | | | | | | | |
| Adjacent Landowners | | Hampton Lumber Co. | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 10.0 | | | | | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 7.8 | | | | | | | | |
| Length (ft) | ~199 | Bankfull Width (ft) | 12.9 | | | | | | | | |
| Width (in) | 78 | Bankfull:Culvert Ratio | 1.1** | | | | | | | | |
| Height (in) | 78* | Pipe length approximate because pipe barrel bends under roadway. | | | | | | | | | |
| Outlet Perch (ft) | Unknown* | | | | | | | | | | |
| Slope (%) | Unknown* | | | | | | | | | | |
| Rustline Height (in) | Entirely rusted | | | | | | | | | | |
| Overall Condition | Poor | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 3.2 | Habitat Points | 4 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 11 | | | | | | | | |
| Notes: Dual pipes at this location. * Heavy sedimentation in pipes, unable to find inverts on either end. **Based on combined inlet widths. | | | | | | | | | | | |



| LOCATION INFO | | | | Culvert # | 945 | Priority | H | | | | |
|---|------------------|------------------------------------|------|-----------|-----|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Holden Creek | | | | | | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 30, SW¼ of SE¼ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 435013/5033315 | | | | | | | | | |
| Road Name | | Hampton Lumber Mill internal road | | | | | | | | | |
| Road/Culvert Owner | | Hampton Lumber Co. | | | | | | | | | |
| Adjacent Landowners | | Hampton Lumber Co. | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 3.0 | | | | | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 2.0 | | | | | | | | |
| Length (ft) | 41 | Bankfull Width (ft) | 12.5 | | | | | | | | |
| Width (in) | 60(48) | Bankfull:Culvert Ratio | 0.7* | | | | | | | | |
| Height (in) | 60 (48) | | | | | | | | | | |
| Outlet Perch (ft) | 0.6 (none) | | | | | | | | | | |
| Slope (%) | 1.5(0.1) | | | | | | | | | | |
| Rustline Height (in) | entirely rusted | | | | | | | | | | |
| Overall Condition | Critical | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 3.1 | Habitat Points | 4 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 11 | | | | | | | | |
| Notes: Dual pipes at this location. *Based on combined inlet widths. Both inlets very damaged. | | | | | | | | | | | |



| LOCATION INFO | | | | Culvert # | 946 | Priority | M |
|--|----------|---|-----|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Holden Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 30, SW $\frac{1}{4}$ of SE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 435218/5033198 | | | | | |
| Road Name | | Evergreen Road | | | | | |
| Road/Culvert Owner | | City of Tillamook | | | | | |
| Adjacent Landowners | | Five Rivers Assisted Living and R. & H. Obrist | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Box | Inlet Gradient (%) | 6.7 | | | | |
| Material | Concrete | Upstream Gradient (%) | 1.2 | | | | |
| Length (ft) | 39 | Bankfull Width (ft) | 8.3 | | | | |
| Width (in) | 96 | Bankfull:Culvert Ratio | 1.0 | | | | |
| Height (in) | 72 | | | | | | |
| Outlet Perch (ft) | 0.3 | | | | | | |
| Slope (%) | 2.4 | | | | | | |
| Rustline Height (in) | 18 | | | | | | |
| Overall Condition | Fair | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 2.9 | Habitat Points | 4 | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Gray | Barrier Points | 2 | | | | |
| | | Prioritization Total Points | 10 | | | | |
| Notes: Continuous stream substrate through culvert. | | | | | | | |



| LOCATION INFO | | | | Culvert # | 948 | Priority | H |
|---|--|---|----------|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Holden Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 29, SW $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 435550/5033273 | | | | | |
| Road Name | | Murray Way | | | | | |
| Road/Culvert Owner | | City of Tillamook | | | | | |
| Adjacent Landowners | J. Hercher, L. Beyer, D. & C. Brown, and D. & P. Helmick | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 1.9(1.3) | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 0.9 | | | | |
| Length (ft) | 20 | Bankfull Width (ft) | 10.0 | | | | |
| Width (in) | 48(48) | Bankfull:Culvert Ratio | 0.8* | | | | |
| Height (in) | 48(48) | | | | | | |
| Outlet Perch (ft) | None | | | | | | |
| Slope (%) | 5.8(4.6) | | | | | | |
| Rustline Height (in) | entirely rusted | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 2.7 | Habitat Points | 4 | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 11 | | | | |
| Notes: Dual pipes at this location. *Based on combined inlet widths. | | | | | | | |



| LOCATION INFO | | | Culvert # | 947 | Priority | M |
|--|---|--|---|------|----------|---|
| Watershed | | | Trask River | | | |
| Stream Name | | | Holden Creek | | | |
| Township-Range-Section-1/4 | | | T1S, R9W, Sec. 29, SE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | | 436344/5033372 | | | |
| Road Name | | | Marolf Loop Road | | | |
| Road/Culvert Owner | | | City of Tillamook | | | |
| Adjacent Landowners | W. & J. Krake, AoG Church, K. Dillenburg, and K. Haltiner | | | | | |
| CULVERT INFO | | | CHANNEL INFO | | | |
| Shape | Box | | Inlet Gradient (%) | 21.7 | | |
| Material | Concrete | | Upstream Gradient (%) | 0.4 | | |
| Length (ft) | 28 | | Bankfull Width (ft) | 8.9 | | |
| Width (in) | 78 | | Bankfull:Culvert Ratio | 0.7 | | |
| Height (in) | 54 | | | | | |
| Outlet Perch (ft) | None | | | | | |
| Slope (%) | 0.3 | | | | | |
| Rustline Height (in) | N/A | | | | | |
| Overall Condition | Fair | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | |
| Upstream Habitat Length (mi) | 2.2 | | Habitat Points | 4 | | |
| Habitat Quality | Poor | | Habitat Quality Points | 1 | | |
| Fish Species | Anad. | | Fish Points | 3 | | |
| Barrier Class | Gray | | Barrier Points | 2 | | |
| | | | Prioritization Total Points | 10 | | |
| Notes: Continuous stream substrate through culvert. | | | | | | |



Inlet



Outlet

| LOCATION INFO | | | Culvert # | 930 | Priority | M |
|---|--|--|---|----------------------------|----------|---|
| Watershed | | | Trask River | | | |
| Stream Name | | | Holden Creek | | | |
| Township-Range-Section-1/4 | | | T1S, R9W, Sec. 28, NW $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | | 437353/5033678 | | | |
| Road Name | | | McCormick Loop Road | | | |
| Road/Culvert Owner | | | Tillamook County | | | |
| Adjacent Landowners | O. Rawe, T. & M. Jacob, and R. Montgomery-Boge | | | | | |
| CULVERT INFO | | | CHANNEL INFO | | | |
| Shape | Circular | | Inlet Gradient (%) | 6.3 | | |
| Material | Corrugated metal | | Upstream Gradient (%) | 2.1 | | |
| Length (ft) | 46 | | Bankfull Width (ft) | 11.4 | | |
| Width (in) | 60 | | Bankfull:Culvert Ratio | 0.4 | | |
| Height (in) | 48* | | | | | |
| Outlet Perch (ft) | 0.1 | | | | | |
| Slope (%) | 1.7 | | | *substrate covering invert | | |
| Rustline Height (in) | 23 | | | | | |
| Overall Condition | Poor | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | |
| Upstream Habitat Length (mi) | 1.5 | | Habitat Points | 3 | | |
| Habitat Quality | Poor | | Habitat Quality Points | 1 | | |
| Fish Species | Anad. | | Fish Points | 3 | | |
| Barrier Class | Red | | Barrier Points | 3 | | |
| | | | Prioritization Total Points | 10 | | |
| Notes: | | | | | | |



Inlet



Outlet

| LOCATION INFO | | | Culvert # | 929 | Priority | L | | | |
|---|--|--|---|------|----------|---|--|--|--|
| Watershed | | | Trask River | | | | | | |
| Stream Name | | | Holden Creek | | | | | | |
| Township-Range-Section-1/4 | | | T1S, R9W, Sec. 28, NW $\frac{1}{4}$ of SE $\frac{1}{4}$ | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | | 438068/5033726 | | | | | | |
| Road Name | | | Trask River Road | | | | | | |
| Road/Culvert Owner | | | Tillamook County | | | | | | |
| Adjacent Landowners | Fairview Acres Dairy and R. & J. Penberthy | | | | | | | | |
| CULVERT INFO | | | CHANNEL INFO | | | | | | |
| Shape | Circular | | Inlet Gradient (%) | 10.0 | | | | | |
| Material | Concrete (Corrugated metal) | | Upstream Gradient (%) | 0.7 | | | | | |
| Length (ft) | 34 | | Bankfull Width (ft) | 8.3 | | | | | |
| Width (in) | 36(42) | | Bankfull:Culvert Ratio | 0.8* | | | | | |
| Height (in) | 36(42) | | | | | | | | |
| Outlet Perch (ft) | None | | | | | | | | |
| Slope (%) | 2.9(1.6) | | | | | | | | |
| Rustline Height (in) | N/A(20) | | | | | | | | |
| Overall Condition | Fair(Poor) | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | |
| Upstream Habitat Length (mi) | 1.0 | | Habitat Points | 2 | | | | | |
| Habitat Quality | Poor | | Habitat Quality Points | 1 | | | | | |
| Fish Species | Anad. | | Fish Points | 3 | | | | | |
| Barrier Class | Red | | Barrier Points | 3 | | | | | |
| | | | Prioritization Total Points | 9 | | | | | |

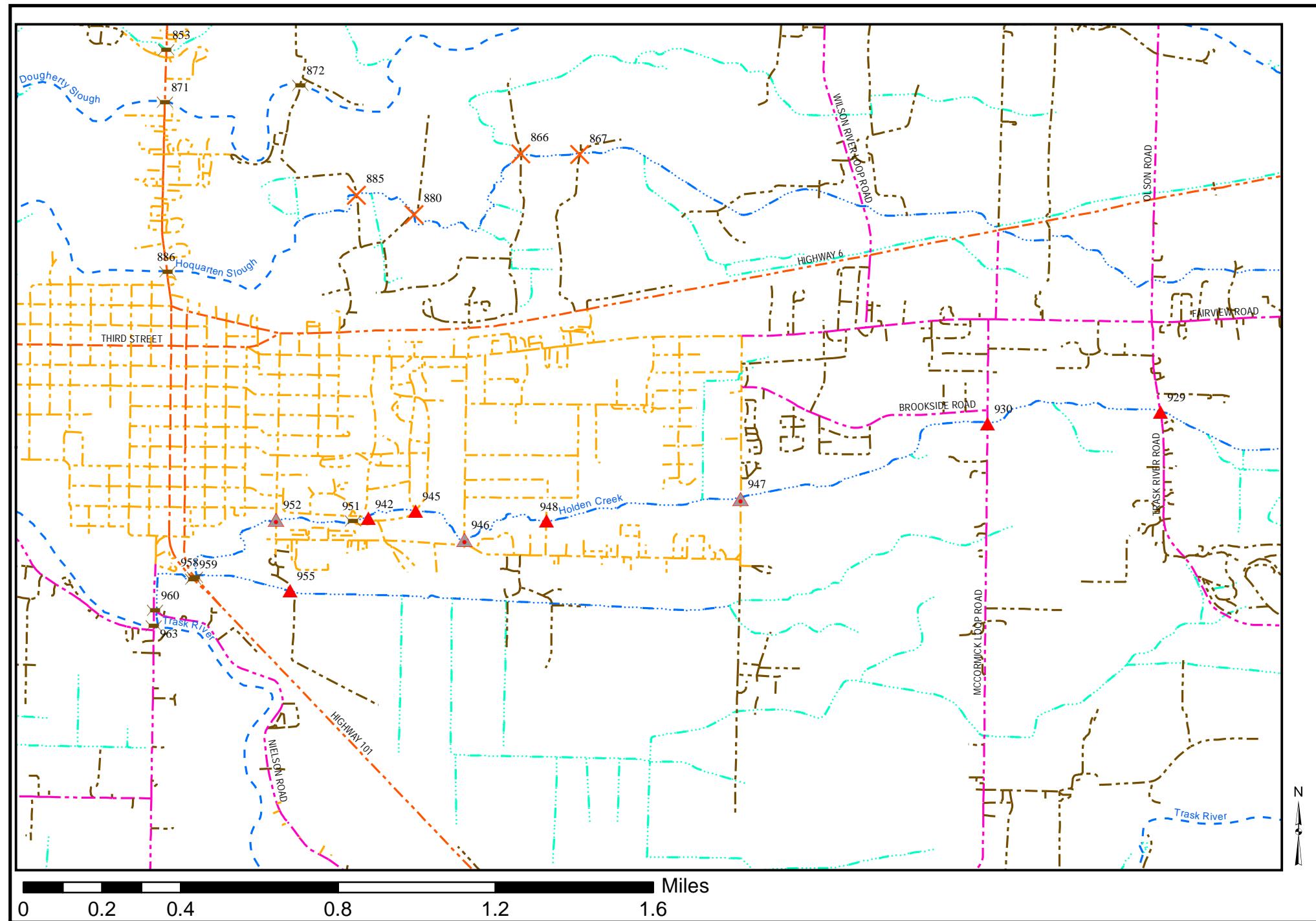


Inlet



Outlet - downstream

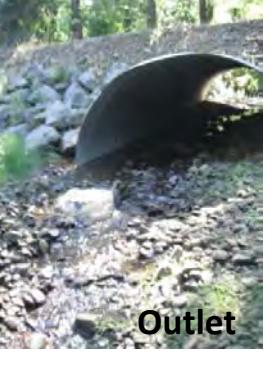
Notes: Dual pipes at this crossing. *Bankfull:Culvert Ratio based on combined width of pipes. Channel was dry during summer 2011 site visit.



Holden Creek Culverts, Trask River Basin

MILL CREEK CULVERTS

| LOCATION INFO | | Culvert # | 1094 | Priority | H | | | |
|---|---|--|------|--|---|--|--|--|
| Watershed | | Trask River | | | | | | |
| Stream Name | Unnamed tributary of Mill Creek (Trib. A) | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 3, SW $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 438771/5029891 | | | | | | |
| Road Name | Brickyard Road | | | | | | | |
| Road/Culvert Owner | Tillamook County | | | | | | | |
| Adjacent Landowners | Tillamook County and W. Hancock | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 40.0 |  Inlet | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 4.9 | | | | | |
| Length (ft) | 67 | Bankfull Width (ft) | 4.6 | | | | | |
| Width (in) | 48 | Bankfull:Culvert Ratio | 0.9 | | | | | |
| Height (in) | 48 | | | | | | | |
| Outlet Perch (ft) | 0.5 | | | | | | | |
| Slope (%) | 0.9 | | | | | | | |
| Rustline Height (in) | entirely rusted | | | | | | | |
| Overall Condition | Poor | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | |
| Upstream Habitat Length (mi) | 3.5 | Habitat Points | 4 |  Outlet | | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | |
| | | Prioritization Total Points | 12 | | | | | |
| Notes: Pipe is in very poor condition. Invert worn through along a considerable portion of the pipe. | | | | | | | | |

| LOCATION INFO | | Culvert # | 1095 | Priority | NA | | | |
|---|---|---|------|--|----|--|--|--|
| Watershed | | Trask River | | | | | | |
| Stream Name | Unnamed tributary of Mill Creek (Trib. A) | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439674/5029747 | | | | | | |
| Road Name | Private Drive off Mill Creek Road | | | | | | | |
| Road/Culvert Owner | R. Coppini | | | | | | | |
| Adjacent Landowners | R. Coppini | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | |
| Shape | Pipe Arch | Inlet Gradient (%) | 6.8 |  Inlet | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 2.9 | | | | | |
| Length (ft) | 44 | Bankfull Width (ft) | 8.1 | | | | | |
| Width (in) | 126 | Bankfull:Culvert Ratio | 1.3 | | | | | |
| Height (in) | 84 | | | | | | | |
| Outlet Perch (ft) | None | | | | | | | |
| Slope (%) | 0.1 | | | | | | | |
| Rustline Height (in) | 21 | | | | | | | |
| Overall Condition | Good | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | |
| Upstream Habitat Length (mi) | 2.9 | Habitat Points | 4 |  Outlet | | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | |
| Barrier Class | Green | Barrier Points | 1 | | | | | |
| | | Prioritization Total Points | 10 | | | | | |
| Notes: | | | | | | | | |

| LOCATION INFO | | | | Culvert # | 1106 | Priority | H |
|---|----------|---|---|-----------|------|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Mill Creek | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439145/5029501 | | | | | |
| Road Name | | Brickyard Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | J. & B. Schriber and E. & K. McMurphy | | | | | |
| CULVERT INFO | | | CHANNEL INFO | | | | |
| Shape | Circular | | Inlet Gradient (%) | 11.6 | | | |
| Material | Concrete | | Upstream Gradient (%) | 7.8 | | | |
| Length (ft) | 56 | | Bankfull Width (ft) | 7.1 | | | |
| Width (in) | 32 | | Bankfull:Culvert Ratio | 0.4 | | | |
| Height (in) | 32 | | *Unable to survey tailwater control point due to lack of private land access. | | | | |
| Outlet Perch (ft) | Unknown* | | | | | | |
| Slope (%) | 1.1 | | | | | | |
| Rustline Height (in) | 15 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 2.4 | Habitat Points | 4 | | | | |
| Habitat Quality | Fair(+) | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 12 | | | | |
| Notes: Segments are separating causing culvert barrel to be deformed. | | | | | | | |



| LOCATION INFO | | | | Culvert # | 1107 | Priority | H |
|--|------------------|---|---|-----------|------|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Mill Creek | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439439/5029531 | | | | | |
| Road Name | | Private drive off Mill Creek Road | | | | | |
| Road/Culvert Owner | | P. & R. Carlson | | | | | |
| Adjacent Landowners | | R. Smith, P. & R. Carlson, and R. & G. Smith | | | | | |
| CULVERT INFO | | | CHANNEL INFO | | | | |
| Shape | Circular | | Inlet Gradient (%) | 1.4 | | | |
| Material | Corrugated metal | | Upstream Gradient (%) | 5.2 | | | |
| Length (ft) | 26 | | Bankfull Width (ft) | 6.5 | | | |
| Width (in) | 48 | | Bankfull:Culvert Ratio | 0.6 | | | |
| Height (in) | 48 | | *Unable to survey tailwater control point due to lack of private land access. | | | | |
| Outlet Perch (ft) | 1.2 | | | | | | |
| Slope (%) | 0.1 | | | | | | |
| Rustline Height (in) | 17 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 2.2 | Habitat Points | 4 | | | | |
| Habitat Quality | Fair(+) | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 12 | | | | |
| Notes: | | | | | | | |



| LOCATION INFO | | | | Culvert # | 1127 | Priority | H |
|--|----------|---|------|-----------|------|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Mill Creek | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, SW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 440016/5029440 | | | | | |
| Road Name | | Private Drive off Mill Creek Road | | | | | |
| Road/Culvert Owner | | P. & C. Betlinski | | | | | |
| Adjacent Landowners | | P. & C. Betlinski | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 17.6 | | | | |
| Material | Concrete | Upstream Gradient (%) | 4.7 | | | | |
| Length (ft) | 22 | Bankfull Width (ft) | 9.9 | | | | |
| Width (in) | 42 | Bankfull:Culvert Ratio | 0.4 | | | | |
| Height (in) | 42 | | | | | | |
| Outlet Perch (ft) | 0.7 | | | | | | |
| Slope (%) | 1.5 | | | | | | |
| Rustline Height (in) | 21 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 1.8 | Habitat Points | 4 | | | | |
| Habitat Quality | Good | Habitat Quality Points | 3 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 13 | | | | |
| Notes: Segments of pipe are separating, causing deformation of the culvert barrel. | | | | | | | |



Inlet



Outlet

| LOCATION INFO | | | | Culvert # | 1134 | Priority | H |
|--|------------------|---|------|-----------|------|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Unnamed tributary of Mill Creek (Trib. B) | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 438891/5028837 | | | | | |
| Road Name | | Magnolia Drive | | | | | |
| Road/Culvert Owner | | Private Drive | | | | | |
| Adjacent Landowners | | N. & M. Paladeeni and C. Winder | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Pipe arch | Inlet Gradient (%) | 3.1 | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 3.5 | | | | |
| Length (ft) | 37 | Bankfull Width (ft) | 13.3 | | | | |
| Width (in) | 144 | Bankfull:Culvert Ratio | 0.9 | | | | |
| Height (in) | 96 | | | | | | |
| Outlet Perch (ft) | 0.3 | | | | | | |
| Slope (%) | 0.3 | | | | | | |
| Rustline Height (in) | 28 | | | | | | |
| Overall Condition | Fair | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 3.8 | Habitat Points | 4 | | | | |
| Habitat Quality | Fair(-) | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Gray | Barrier Points | 2 | | | | |
| | | Prioritization Total Points | 11 | | | | |
| Notes: | | | | | | | |



Inlet



Outlet

| LOCATION INFO | | | | Culvert # | 1137 | Priority | H | | | | |
|---|----------|--|----------|-----------|------|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Unnamed tributary of Mill Creek (Trib. B) | | | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439127/5028736 | | | | | | | | | |
| Road Name | | Brickyard Road | | | | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | | | | |
| Adjacent Landowners | | M. & V. Gabel, G. & M. Kominoth, M. Barber, and R. & J. Christie | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 7.8(6.1) | | | | | | | | |
| Material | Concrete | Upstream Gradient (%) | 14.5 | | | | | | | | |
| Length (ft) | 43 | Bankfull Width (ft) | 14.6 | | | | | | | | |
| Width (in) | 36(36) | Bankfull:Culvert Ratio | 0.4* | | | | | | | | |
| Height (in) | 36(36) | *Bankfull:Culvert ratio based on combined width of both pipes. | | | | | | | | | |
| Outlet Perch (ft) | 0.4(0.1) | | | | | | | | | | |
| Slope (%) | 0.9(1.3) | | | | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | | | | |
| Overall Condition | Fair | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 1.9 | Habitat Points | 4 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 11 | | | | | | | | |

Notes: Dual pipes at this location. Trash rack at inlet had not been maintained and had a considerable amount of debris built up.



| LOCATION INFO | | | | Culvert # | 1136 | Priority | H | | | | |
|---|----------|--|----------|-----------|------|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Unnamed tributary of Mill Creek (Trib. B) | | | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439203/5028756 | | | | | | | | | |
| Road Name | | Private Drive off Brickyard Road | | | | | | | | | |
| Road/Culvert Owner | | R. & J. Christie | | | | | | | | | |
| Adjacent Landowners | | M. Barber and R. & J. Christie | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 1.2(4.6) | | | | | | | | |
| Material | Plastic | Upstream Gradient (%) | 1.6 | | | | | | | | |
| Length (ft) | 22 | Bankfull Width (ft) | 10.0 | | | | | | | | |
| Width (in) | 36(36) | Bankfull:Culvert Ratio | 0.6* | | | | | | | | |
| Height (in) | 36(36) | *Bankfull:Culvert ratio based on combined width of both pipes. | | | | | | | | | |
| Outlet Perch (ft) | 0.2(1.0) | | | | | | | | | | |
| Slope (%) | 2.3(0.4) | | | | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | | | | |
| Overall Condition | Fair | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 1.8 | Habitat Points | 4 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 11 | | | | | | | | |

Notes: Dual pipes at this location. RBA data indicates numerous beaver impoundments, low flows and limited anadromous potential above this crossing. Culverts were not conveying water during summer 2011 field visit.

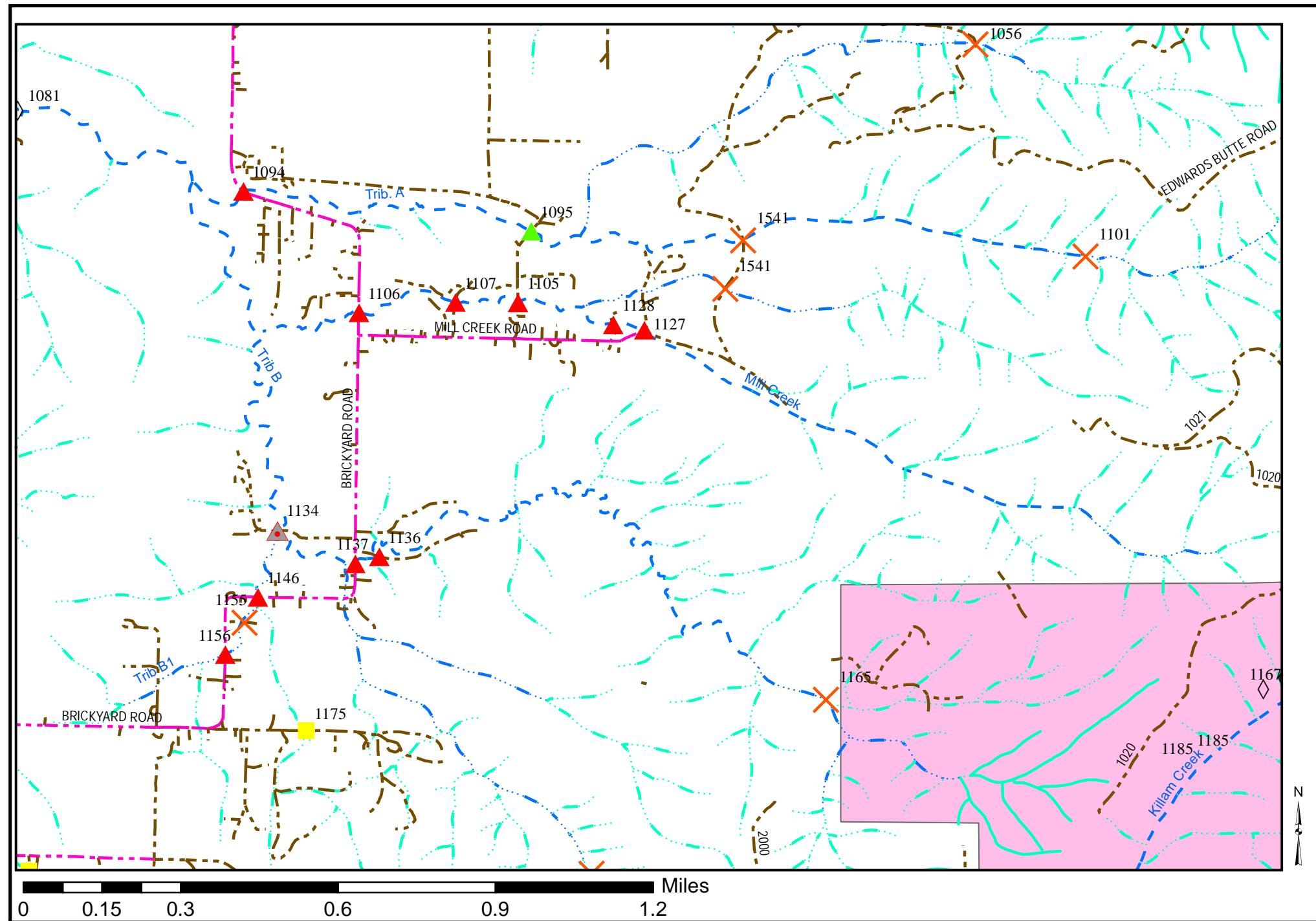


| LOCATION INFO | | | | Culvert # | 1146 | Priority | L | | | | | |
|--|----------|---|-----|-----------|------|----------|---|--|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | | |
| Stream Name | | Unnamed tributary of Mill Creek (Trib. B) | | | | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 438824/5028627 | | | | | | | | | | |
| Road Name | | Brickyard Road | | | | | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | | | | | |
| Adjacent Landowners | | A. Ableman, H.U.D., and Petersen Ventures Inc. | | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 7.4 | | | | | | | | | |
| Material | Concrete | Upstream Gradient (%) | 2.5 | | | | | | | | | |
| Length (ft) | 46 | Bankfull Width (ft) | 4.9 | | | | | | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.6 | | | | | | | | | |
| Height (in) | 36 | | | | | | | | | | | |
| Outlet Perch (ft) | None | | | | | | | | | | | |
| Slope (%) | 1.2 | | | | | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | | | | | |
| Overall Condition | Poor | | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 0.4 | Habitat Points | 1 | | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | | |
| | | Prioritization Total Points | 8 | | | | | | | | | |
| Notes: Water quality appeared very poor during summer 2011 site visit. | | | | | | | | | | | | |



| LOCATION INFO | | | | Culvert # | 1156 | Priority | L | | | | | |
|---|----------|---|------|-----------|------|----------|---|--|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | | |
| Stream Name | | Unnamed tributary of Mill Creek (Trib. B1) | | | | | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 10, NE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 438728/5028449 | | | | | | | | | | |
| Road Name | | Brickyard Road | | | | | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | | | | | |
| Adjacent Landowners | | M. Barber and R. & J. Christie | | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 50.5 | | | | | | | | | |
| Material | Concrete | Upstream Gradient (%) | 12.1 | | | | | | | | | |
| Length (ft) | 43 | Bankfull Width (ft) | 3.3 | | | | | | | | | |
| Width (in) | 30 | Bankfull:Culvert Ratio | 0.8 | | | | | | | | | |
| Height (in) | 30 | | | | | | | | | | | |
| Outlet Perch (ft) | 0.3 | | | | | | | | | | | |
| Slope (%) | 0.7 | | | | | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | | | | | |
| Overall Condition | Poor | | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 0.2 | Habitat Points | 1 | | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | | |
| | | Prioritization Total Points | 8 | | | | | | | | | |
| Notes: | | | | | | | | | | | | |





Mill Creek Culverts, Trask River Basin

CHANCE ROAD AREA CULVERTS

| LOCATION INFO | | Culvert # | 1027 | Priority | L | | | |
|--|------------------|--|------|----------|---|--|--|--|
| Watershed | | Trask River | | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 3, NW $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439161/5031219 | | | | | | |
| Road Name | | Long Prairie Road | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | |
| Adjacent Landowners | | R.&W. Landolt, S.&J. Lourenzo, and B. Knowlton | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | |
| Shape | Circular | Inlet Gradient (%) | -4.0 | | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 1.2 | | | | | |
| Length (ft) | 59 | Bankfull Width (ft) | 9.2 | | | | | |
| Width (in) | 54 | Bankfull:Culvert Ratio | 0.5 | | | | | |
| Height (in) | 54 | | | | | | | |
| Outlet Perch (ft) | 0.5 | | | | | | | |
| Slope (%) | 0.3 | | | | | | | |
| Rustline Height (in) | 48 | | | | | | | |
| Overall Condition | Poor | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | |
| Upstream Habitat Length (mi) | 0.6 | Habitat Points | 2 | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | |
| | | Prioritization Total Points | 9 | | | | | |
| Notes: Stream listed as Nonfish-modeled. However, a member of our advisory team has observed juvenile salmon in this stream above culvert 1039. As a result, we considered this stream as suitable habitat for salmonids up to a short distance above culvert 1039. | | | | | | | | |



Inlet



Outlet

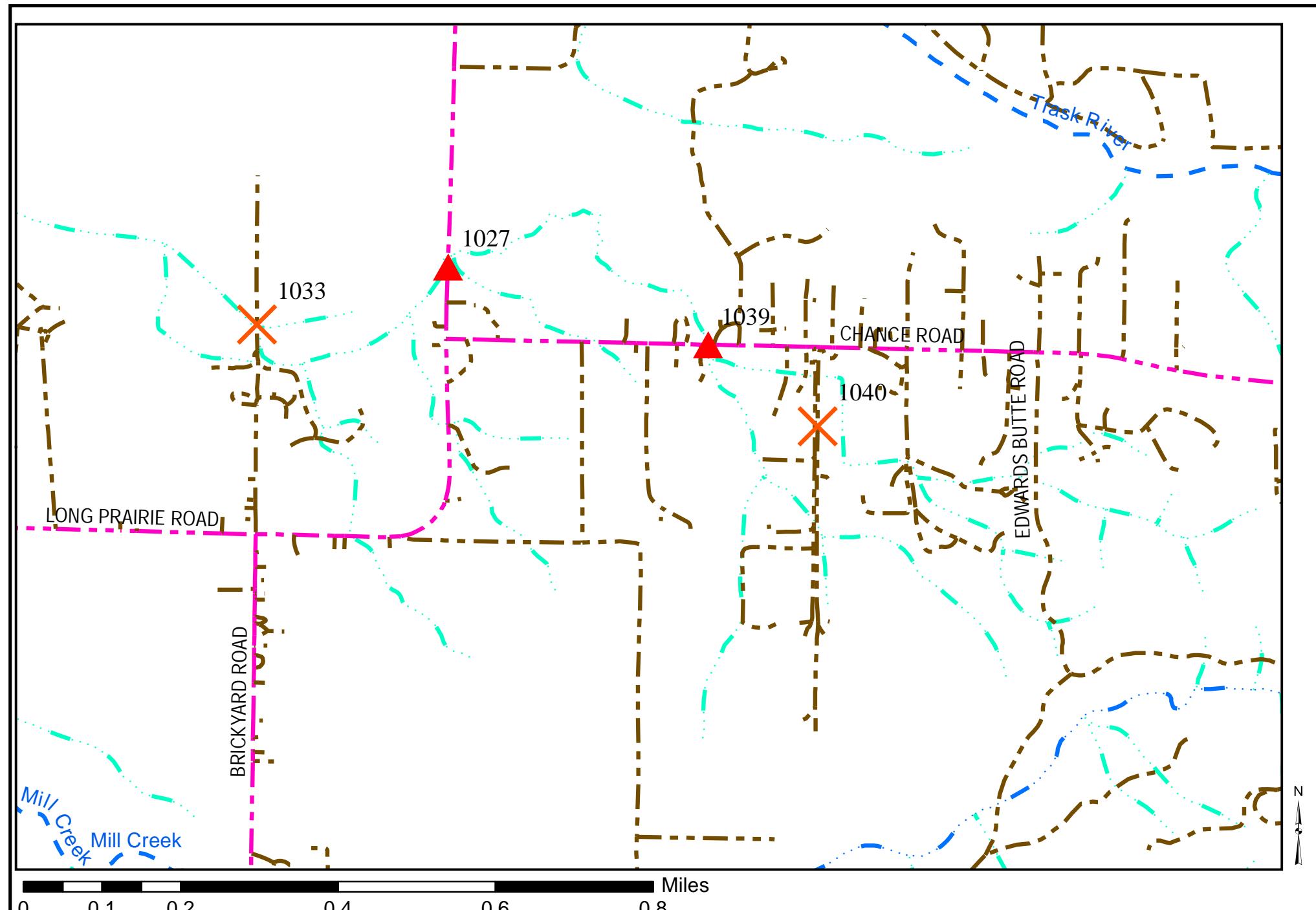
| LOCATION INFO | | Culvert # | 1039 | Priority | L | | | |
|---|----------|--|------|----------|---|--|--|--|
| Watershed | | Trask River | | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | | |
| Township-Range-Section-1/4 | | T2S, R9W, Sec. 3, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 439686/5031041 | | | | | | |
| Road Name | | Chance Road | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | |
| Adjacent Landowners | | L. Vogt, P. Wirfs, and C. McClure | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | |
| Shape | Circular | Inlet Gradient (%) | ~7.0 | | | | | |
| Material | Concrete | Downstream Gradient (%) | 3.3 | | | | | |
| Length (ft) | 40 | Bankfull Width (ft) | 3.1 | | | | | |
| Width (in) | 54 | Bankfull:Culvert Ratio | 1.5 | | | | | |
| Height (in) | 54 | | | | | | | |
| Outlet Perch (ft) | 0.6 | | | | | | | |
| Slope (%) | 2.5 | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | |
| Overall Condition | Fair | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | |
| Upstream Habitat Length (mi) | 0.2 | Habitat Points | 1 | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | |
| | | Prioritization Total Points | 8 | | | | | |
| Notes: | | | | | | | | |



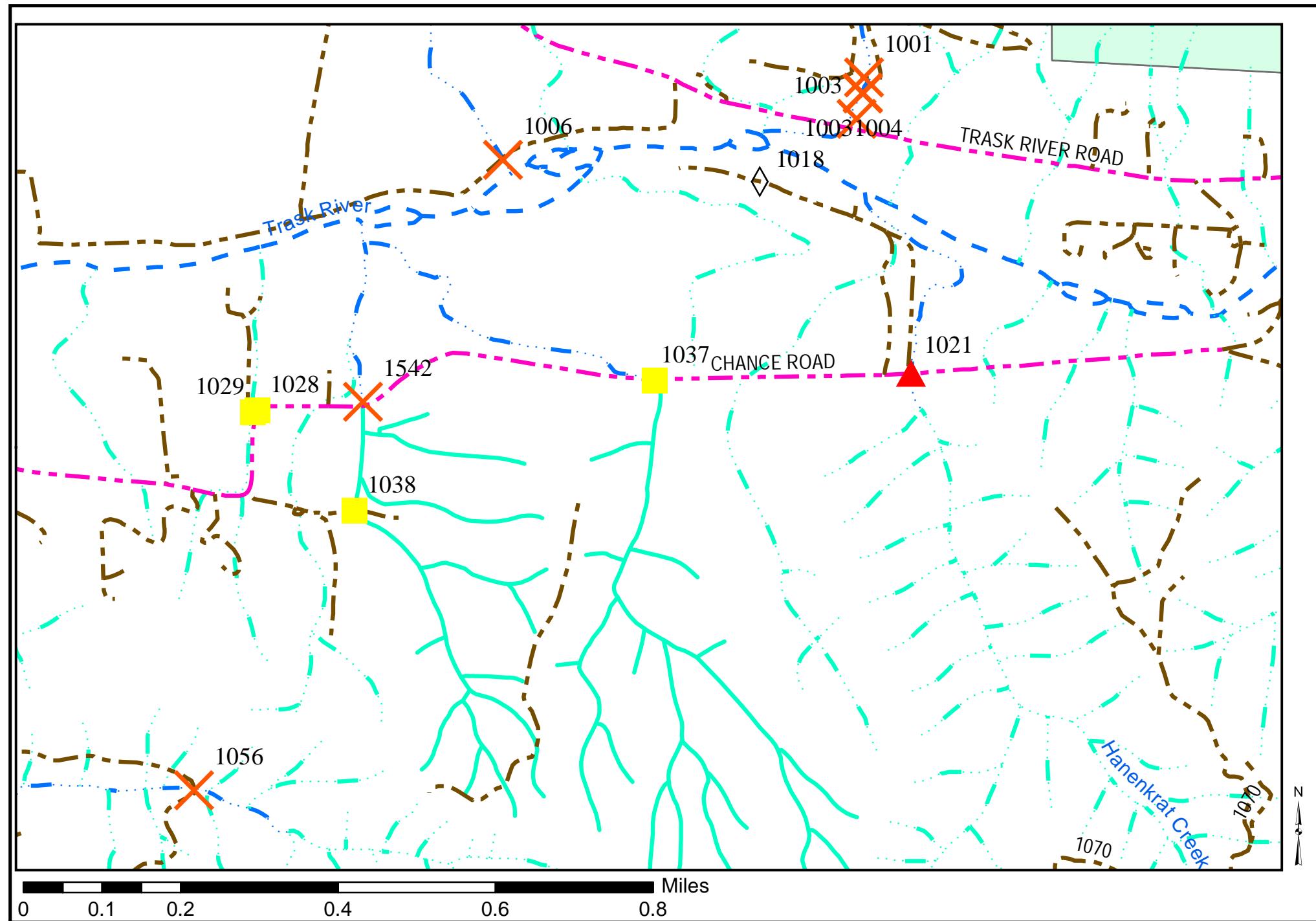
Outlet

| LOCATION INFO | | | | Culvert # | 1021 | Priority | L |
|--|--|--|--|-----------|----------------|----------|---|
| Watershed | | | Trask River | | | | |
| Stream Name | | | Hanenkrat Creek | | | | |
| Township-Range-Section-1/4 | | | T2S, R9W, Sec. 1, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | | | | 442541/5031175 | | |
| Road Name | | | Chance Road | | | | |
| Road/Culvert Owner | | | Tillamook County | | | | |
| Adjacent Landowners | J. & D. Hanenkrat, R. & R. Kneeland and Stimson Lumber Co. | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 11.5 | | | | |
| Material | Concrete | Upstream Gradient (%) | 13.0 | | | | |
| Length (ft) | 35 | Bankfull Width (ft) | 7.1 | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.4 | | | | |
| Height (in) | 36 | | | | | | |
| Outlet Perch (ft) | 2.5 | Topography precluded use of surveying equipment to gather longitudinal profile data. | | | | | |
| Slope (%) | 22.0 | | | | | | |
| Rustline Height (in) | N/A | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.1 | Habitat Points | 1 | | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 9 | | | | |
| Notes: | | | | | | | |





West Chance Road Culverts, Trask River Basin



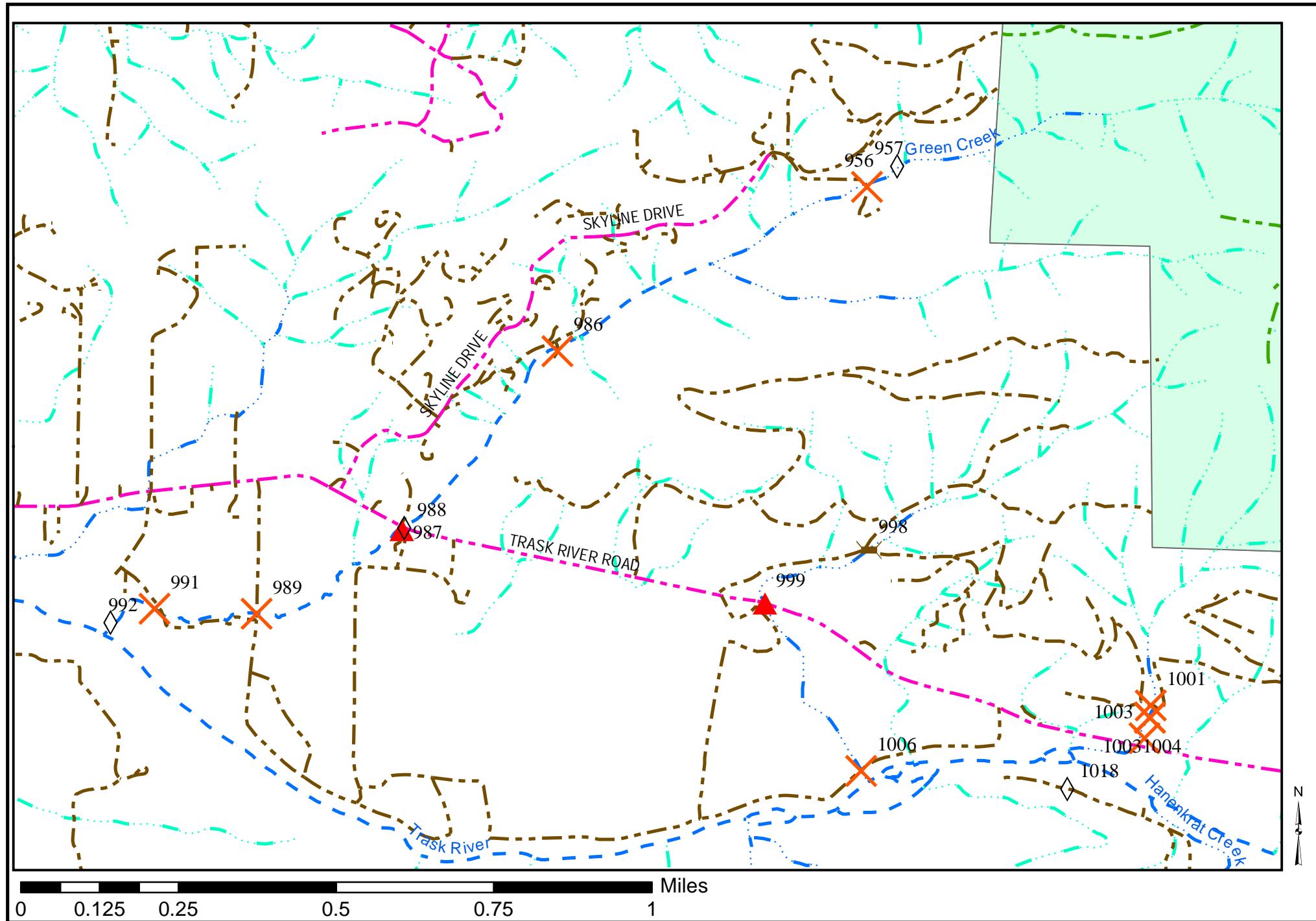
LOWER TRASK RIVER ROAD AREA CULVERTS

| LOCATION INFO | | | Culvert # | 987 | Priority | H |
|---|------------------|---|-----------|-----|----------|---|
| Watershed | | Trask River | | | | |
| Stream Name | | Green Creek | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 35, SW $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 440497/5032236 | | | | |
| Road Name | | Trask River Road | | | | |
| Road/Culvert Owner | | Tillamook County | | | | |
| Adjacent Landowners | | S-C Paving, Inc. and R.&K. Huffman | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | |
| Shape | Circular | Inlet Gradient (%) | 1.0 | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 5.6 | | | |
| Length (ft) | 50 | Bankfull Width (ft) | 7.7 | | | |
| Width (in) | 53 | Bankfull:Culvert Ratio | 0.6 | | | |
| Height (in) | 53 | | | | | |
| Outlet Perch (ft) | 1.0 | | | | | |
| Slope (%) | 5.6 | | | | | |
| Rustline Height (in) | 35 | | | | | |
| Overall Condition | Poor | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | |
| Upstream Habitat Length (mi) | 1.7 | Habitat Points | 4 | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | |
| Fish Species | Anad. | Fish Points | 3 | | | |
| Barrier Class | Red | Barrier Points | 3 | | | |
| | | Prioritization Total Points | 12 | | | |
| Notes: Configuration of culvert inlet apron and substrate created turbulent flows at inlet. One crossing occurred below this culvert. We were unable to access this crossing to complete an assessment. | | | | | | |



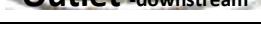
| LOCATION INFO | | | Culvert # | 999 | Priority | L |
|--|----------|---|-----------|-----|----------|---|
| Watershed | | Trask River | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | |
| Township-Range-Section-1/4 | | T1S, R9W, Sec. 35, SW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 441421/5032051 | | | | |
| Road Name | | Trask River Road | | | | |
| Road/Culvert Owner | | Tillamook County | | | | |
| Adjacent Landowners | | C. & S. Katen and J. Deswart | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | |
| Shape | Circular | Inlet Gradient (%) | 3.8 | | | |
| Material | Concrete | Upstream Gradient (%) | 13.1 | | | |
| Length (ft) | 80 | Bankfull Width (ft) | 4.6 | | | |
| Width (in) | 24 | Bankfull:Culvert Ratio | 0.4 | | | |
| Height (in) | 24 | | | | | |
| Outlet Perch (ft) | 1.5 | | | | | |
| Slope (%) | 6.2 | | | | | |
| Rustline Height (in) | N/A | | | | | |
| Overall Condition | Poor | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | |
| Upstream Habitat Length (mi) | 0.3 | Habitat Points | 1 | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | |
| Fish Species | Anad. | Fish Points | 3 | | | |
| Barrier Class | Red | Barrier Points | 3 | | | |
| | | Prioritization Total Points | 9 | | | |
| Notes: Pipe barrel was not straight – its trajectory changed direction under the road bed. | | | | | | |

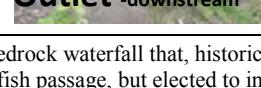




Lower Trask River Road Culverts, Trask River Basin

PENINSULA AREA CULVERTS

| LOCATION INFO | | Culvert # | 918 | Priority | M | | |
|--|------------------|---|------|--|---|--|--|
| Watershed | | Trask River | |  | | | |
| Stream Name | | Hatchery Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 29, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 446257/5033862 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | D. Wilks and C. Ballenger | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 9.0 |  | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 12.0 | | | | |
| Length (ft) | 50 | Bankfull Width (ft) | 6.2 | | | | |
| Width (in) | 66 | Bankfull:Culvert Ratio | 0.9 | | | | |
| Height (in) | 66 | | | | | | |
| Outlet Perch (ft) | ~5.0 | | | | | | |
| Slope (%) | 6.0 | | | | | | |
| Rustline Height (in) | 12 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.7 | Habitat Points | 2 |  | | | |
| Habitat Quality | Fair(-) | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 10 | | | | |
| Notes: Unable to access the downstream side of the pipe. Perch height is approximate. | | | | | | | |

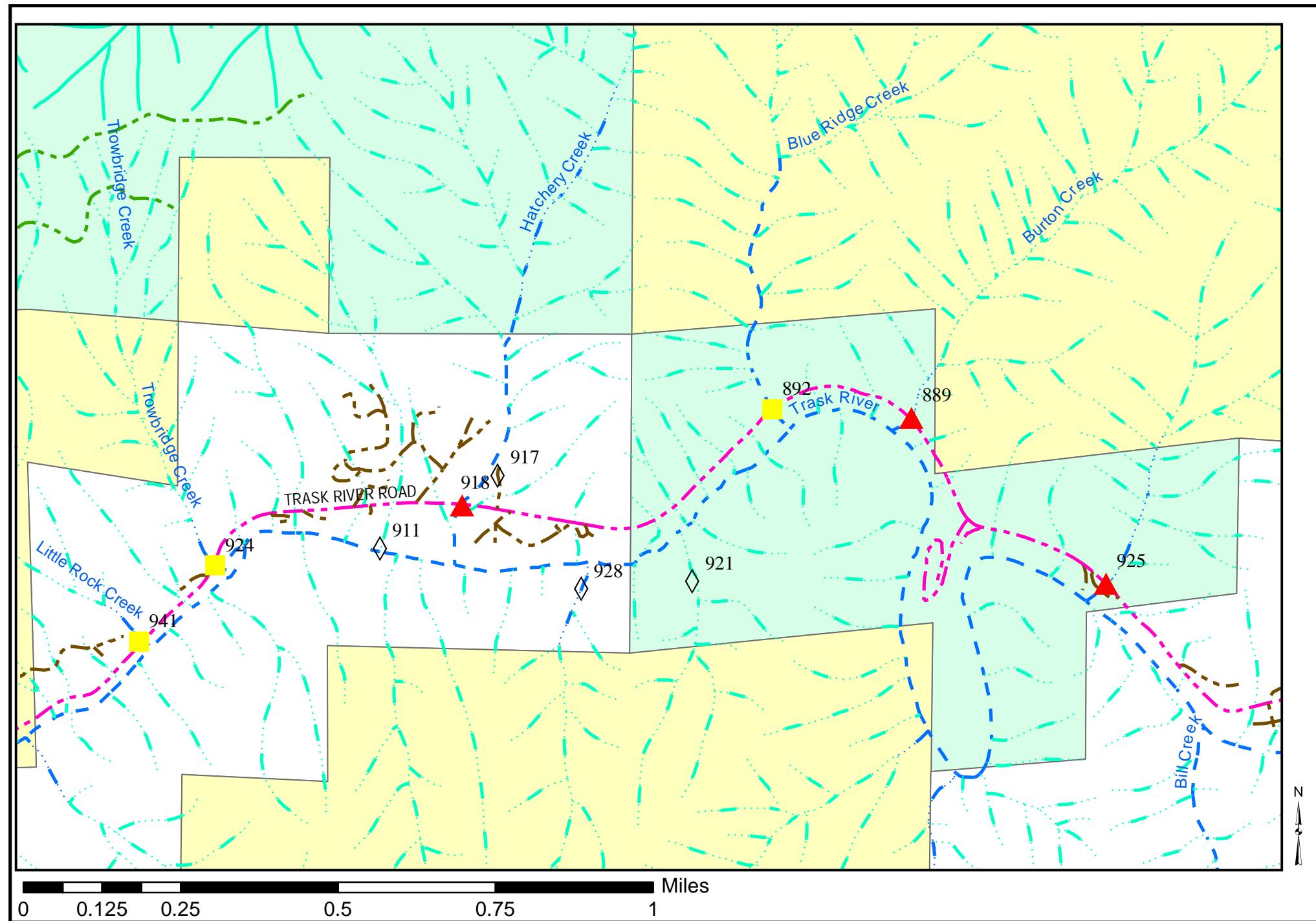
| LOCATION INFO | | Culvert # | 892 | Priority | NA | | |
|--|------------------|---|---------------|---|----|--|--|
| Watershed | | Trask River | |  | | | |
| Stream Name | | Blue Ridge Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 21, SW $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 447004/5034087 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | Oregon Department of Forestry | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | Not collected |  | | | |
| Material | Corrugated metal | Upstream Gradient (%) | Not collected | | | | |
| Length (ft) | Not collected | Bankfull Width (ft) | Not collected | | | | |
| Width (in) | Not collected | Bankfull:Culvert Ratio | Not collected | | | | |
| Height (in) | Not collected | | | | | | |
| Outlet Perch (ft) | Not collected | | | | | | |
| Slope (%) | Not collected | | | | | | |
| Rustline Height (in) | Not collected | | | | | | |
| Overall Condition | Good | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.5 | Habitat Points | |  | | | |
| Habitat Quality | | Habitat Quality Points | | | | | |
| Fish Species | Resident | Fish Points | | | | | |
| Barrier Class | Red | Barrier Points | | | | | |
| | | Prioritization Total Points | | | | | |
| Notes: Pipe classified as NFC. Although it occurs on a designated fish stream, it was constructed on a natural bedrock waterfall that, historically, was almost certainly a barrier to anadromous fish passage. As a result, we did not consider this culvert as a barrier to fish passage, but elected to include it in this document to answer the inevitable questions that would arise in the minds of careful reviewers. | | | | | | | |

| LOCATION INFO | | | | Culvert # | 889 | Priority | L |
|---|------------------|---|------|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Burton Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 21, SE $\frac{1}{4}$ of SW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 447331/5034084 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | Oregon Department of Forestry | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 26.5 | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 4.1 | | | | |
| Length (ft) | 57 | Bankfull Width (ft) | 12.2 | | | | |
| Width (in) | 90 | Bankfull:Culvert Ratio | 0.6 | | | | |
| Height (in) | 90 | | | | | | |
| Outlet Perch (ft) | Unknown | | | | | | |
| Slope (%) | 5.5 | | | | | | |
| Rustline Height (in) | 26 | | | | | | |
| Overall Condition | Critical | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.1 | Habitat Points | 1 | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 8 | | | | |
| Notes: Pipe in extremely poor condition. Invert worn through nearly continuously from inlet to outlet, a seam was coming apart (resulting in deformation of barrel), and fill on outlet side badly eroding. Debris jamb on upstream side of culvert. Severity of fill erosion, prevented field crew from obtaining downstream channel measurements. As a result, we were unable to calculate perch height. However, the culvert did not appear to have a perched outlet. field crew observed small salmonids upstream of pipe. | | | | | | | |



| LOCATION INFO | | | | Culvert # | 925 | Priority | L |
|---|----------|---|------|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 28, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 447854/5033645 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | Oregon Department of Forestry | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 19.2 | | | | |
| Material | Concrete | Upstream Gradient (%) | 8.2 | | | | |
| Length (ft) | 70 | Bankfull Width (ft) | 6.6 | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.5 | | | | |
| Height (in) | 36 | | | | | | |
| Outlet Perch (ft) | 2.6 | | | | | | |
| Slope (%) | 7.5 | | | | | | |
| Rustline Height (in) | N/A | | | | | | |
| Overall Condition | Fair | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.3 | Habitat Points | 1 | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 8 | | | | |
| Notes: | | | | | | | |





Peninsula Area Culverts, Trask River Basin

SAMSON CREEK AND JOHNSON CREEK AREA CULVERTS

| LOCATION INFO | | Culvert # | 907 | Priority | L | | |
|--|------------------|---|------|--|---|--|--|
| Watershed | | Trask River | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 27, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 448996/5033853 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | J. & D. Bedford and L. Chu | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 11.0 | *Topography and vegetation precluded use of survey equipment to obtain longitudinal profile data. | | | |
| Material | Corrugated metal | Downstream Gradient (%) | 8.0 | | | | |
| Length (ft) | 70 | Bankfull Width (ft) | 8.4 | | | | |
| Width (in) | 60 | Bankfull:Culvert Ratio | 0.6 | | | | |
| Height (in) | 60 | | | | | | |
| Outlet Perch (ft) | ~0.6* | | | | | | |
| Slope (%) | 7.0 | | | | | | |
| Rustline Height (in) | 29 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.6 | Habitat Points | 2 |  Outlet | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 9 | | | | |
| Notes: Multiple seams separating and beginning to deform the pipe barrel. | | | | | | | |

| LOCATION INFO | | Culvert # | 903 | Priority | L | | |
|---|----------|---|------|--|---|--|--|
| Watershed | | Trask River | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 27, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 449111/5033866 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | J. & D. Bedford, D. Stout and J. & S. Smith | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 13.8 |  Inlet | | | |
| Material | Concrete | Upstream Gradient (%) | 8.4 | | | | |
| Length (ft) | 56 | Bankfull Width (ft) | 7.8 | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.4 | | | | |
| Height (in) | 36 | | | | | | |
| Outlet Perch (ft) | 1.9 | | | | | | |
| Slope (%) | 4.9 | | | | | | |
| Rustline Height (in) | N/A | | | | | | |
| Overall Condition | Fair | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.4 | Habitat Points | 1 |  Outlet | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 8 | | | | |
| Notes: Another culvert is located several feet lateral to this pipe. It appears that that metal pipe was abandoned in place, because it looks to have been deliberately plugged and the upstream channel course appears to have been re-directed into the concrete culvert reported above. | | | | | | | |

| LOCATION INFO | | | | Culvert # | 902 | Priority | H |
|---|------------------|---|------|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Samson Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 27, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 449229/5033876 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | D. & E. Kujak and H. Johnson | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 8.5 | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 4.3 | | | | |
| Length (ft) | 46 | Bankfull Width (ft) | 10.8 | | | | |
| Width (in) | 84 | Bankfull:Culvert Ratio | 0.7 | | | | |
| Height (in) | 84 | | | | | | |
| Outlet Perch (ft) | 1.1 | | | | | | |
| Slope (%) | 5.5 | | | | | | |
| Rustline Height (in) | 37 | | | | | | |
| Overall Condition | Poor | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 1.5 | Habitat Points | 3 | | | | |
| Habitat Quality | Good | Habitat Quality Points | 3 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 12 | | | | |
| Notes: Several seams beginning to separate. One has separated across the invert and has resulted in an approximately 6 inch step within the barrel of the pipe. | | | | | | | |



Inlet



Outlet

| LOCATION INFO | | | | Culvert # | 915 | Priority | H |
|--|------------------|---|-----|-----------|-----|----------|---|
| Watershed | | Trask River | | | | | |
| Stream Name | | Johnson Creek | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 26, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 450088/5033724 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | Oregon Department of Forestry | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Pipe arch | Inlet Gradient (%) | 5.2 | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 3.0 | | | | |
| Length (ft) | 59 | Bankfull Width (ft) | 5.0 | | | | |
| Width (in) | 91 | Bankfull:Culvert Ratio | 1.5 | | | | |
| Height (in) | 68 | | | | | | |
| Outlet Perch (ft) | 2.9 | | | | | | |
| Slope (%) | 0.2 | | | | | | |
| Rustline Height (in) | 6 | | | | | | |
| Overall Condition | Fair | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.8 | Habitat Points | 2 | | | | |
| Habitat Quality | Fair | Habitat Quality Points | 2 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 10 | | | | |
| Notes: One seam separating, but repaired with a rubber strip. field crew noted that the strip appeared to seal the seam, but looked as if it "won't last long." Cascade over boulders at outlet. Culvert is appropriately sized, but apparently wasn't sufficiently countersunk. | | | | | | | |



Inlet



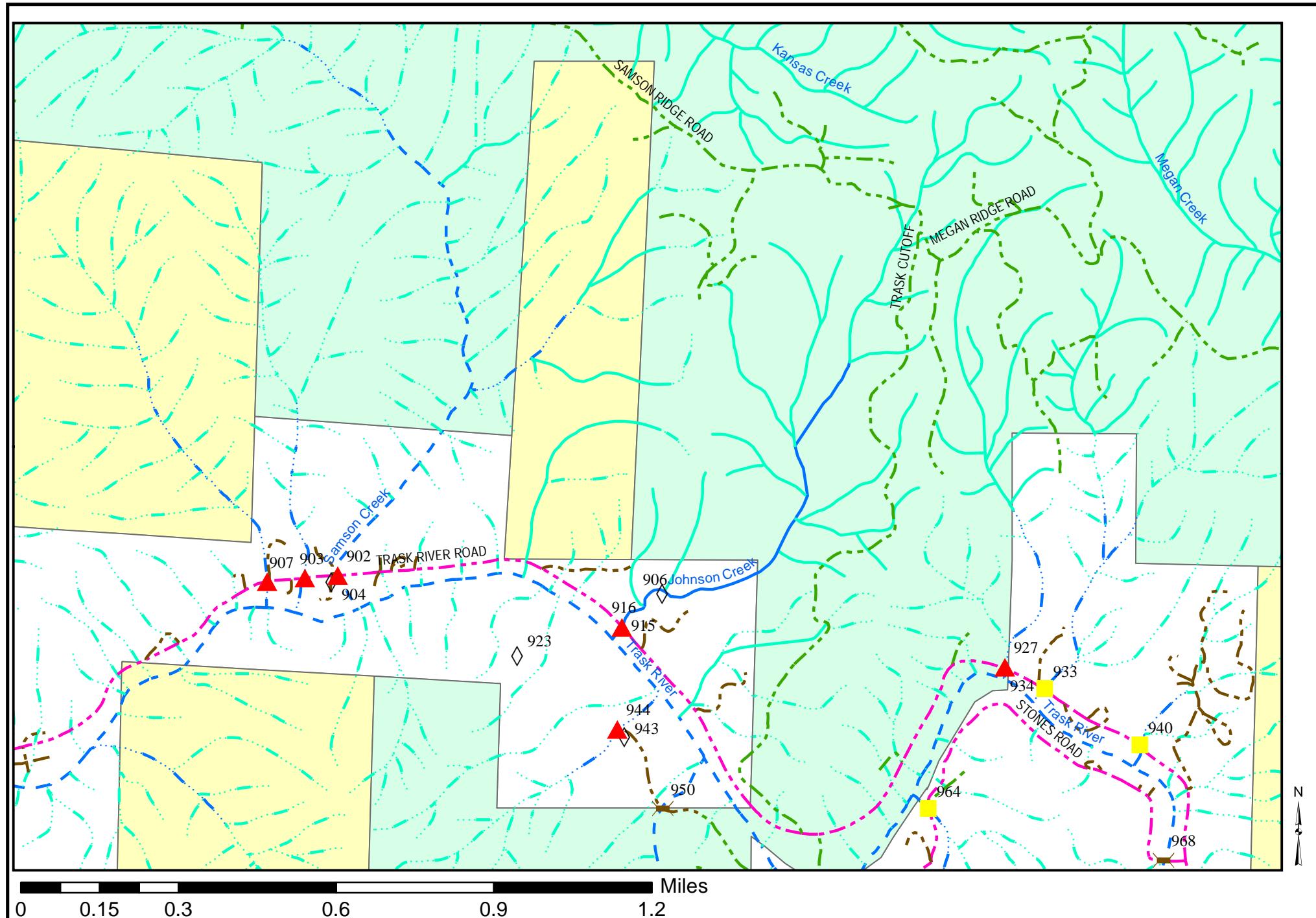
Outlet

| LOCATION INFO | | | | Culvert # | 944 | Priority | L | | | | |
|--|----------|---|------|-----------|-----|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 26, NE $\frac{1}{4}$ of NW $\frac{1}{4}$ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 450089/5033396 | | | | | | | | | |
| Road Name | | Private Drive | | | | | | | | | |
| Road/Culvert Owner | | Lincoln Trust Co. | | | | | | | | | |
| Adjacent Landowners | | Lincoln Trust Co. | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 4.0 | | | | | | | | |
| Material | Plastic | Upstream Gradient (%) | 11.0 | | | | | | | | |
| Length (ft) | 30 | Bankfull Width (ft) | 2.5 | | | | | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 1.2 | | | | | | | | |
| Height (in) | 36 | *Topography precluded use of surveying level to obtain longitudinal profile data. | | | | | | | | | |
| Outlet Perch (ft) | ~3.0* | | | | | | | | | | |
| Slope (%) | 4.0 | | | | | | | | | | |
| Rustline Height (in) | N/A | | | | | | | | | | |
| Overall Condition | Good | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 0.1 | Habitat Points | 1 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 8 | | | | | | | | |
| Notes: Inlet perched at low flows. Pipe barrel bent under road bed. | | | | | | | | | | | |



| LOCATION INFO | | | | Culvert # | 927 | Priority | L | | | | |
|---|----------|---|------|-----------|-----|----------|---|--|--|--|--|
| Watershed | | Trask River | | | | | | | | | |
| Stream Name | | Unnamed tributary of Trask River | | | | | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 26, NE $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 451247/5033597 | | | | | | | | | |
| Road Name | | Trask River Road | | | | | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | | | | | |
| Adjacent Landowners | | W.H. Bess | | | | | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | | | | | |
| Shape | Circular | Inlet Gradient (%) | 21.1 | | | | | | | | |
| Material | Concrete | Upstream Gradient (%) | 4.7 | | | | | | | | |
| Length (ft) | 44 | Bankfull Width (ft) | 4.5 | | | | | | | | |
| Width (in) | 36 | Bankfull:Culvert Ratio | 0.7 | | | | | | | | |
| Height (in) | 36 | | | | | | | | | | |
| Outlet Perch (ft) | 0.6 | | | | | | | | | | |
| Slope (%) | 9.2 | | | | | | | | | | |
| Rustline Height (in) | n/a | | | | | | | | | | |
| Overall Condition | Poor | | | | | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | | | | | |
| Upstream Habitat Length (mi) | 0.1 | Habitat Points | 1 | | | | | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | | | | | |
| | | Prioritization Total Points | 8 | | | | | | | | |
| Notes: | | | | | | | | | | | |





Samson Creek and Johnson Creek Area Culverts, Trask River Basin

LOWER SOUTH FORK TRASK RIVER AREA CULVERT

| LOCATION INFO | | Culvert # | 1010 | Priority | L | | |
|---|------------------|---|------|---|---|--|--|
| Watershed | | Trask River | |  <p>Inlet</p> | | | |
| Stream Name | | Unnamed tributary of S. Fork Trask River | | | | | |
| Township-Range-Section-1/4 | | T1S, R8W, Sec. 36, SE $\frac{1}{4}$ of NE $\frac{1}{4}$ | | | | | |
| UTM Easting/Northing (Zone 10, NAD 1983) | | 452667/5031535 | | | | | |
| Road Name | | Trask River Road | | | | | |
| Road/Culvert Owner | | Tillamook County | | | | | |
| Adjacent Landowners | | B. Green and E. Nice | | | | | |
| CULVERT INFO | | CHANNEL INFO | | | | | |
| Shape | Circular | Inlet Gradient (%) | 1.8 | | | | |
| Material | Corrugated metal | Upstream Gradient (%) | 12.5 | | | | |
| Length (ft) | 64 | Bankfull Width (ft) | 9.0 | | | | |
| Width (in) | 48 | Bankfull:Culvert Ratio | 0.5 | | | | |
| Height (in) | 48 | | | | | | |
| Outlet Perch (ft) | 4.5 | | | | | | |
| Slope (%) | 3.0 | | | | | | |
| Rustline Height (in) | 22 | | | | | | |
| Overall Condition | Critical | | | | | | |
| PRIORITIZATION ANALYSIS | | | | | | | |
| Upstream Habitat Length (mi) | 0.1 | Habitat Points | 1 | | | | |
| Habitat Quality | Poor | Habitat Quality Points | 1 | | | | |
| Fish Species | Anad. | Fish Points | 3 | | | | |
| Barrier Class | Red | Barrier Points | 3 | | | | |
| | | Prioritization Total Points | 8 | | | | |

Notes: Invert almost entirely rusted through from inlet to outlet. Remainder of pipe also very corroded and unstable.

