

AUG 17 2016

DEPARTMENT OF STATE LANDS

DSL USE ONLY		DSL No. <u>59346 - Revised</u>	
Issue Date: <u>9-07-16</u>	Expiration Date: <u>9-07-2019</u>		
In-Water Work Period: <u>November 15-</u>		to <u>February 1</u>	
<input checked="" type="checkbox"/> Eligible <u>9-07-16</u>	<input type="checkbox"/> Incomplete _____	<input type="checkbox"/> Ineligible _____	
Date	Date	Date	
RC Signature: <u></u>			

**GENERAL AUTHORIZATION ELIGIBILITY VERIFICATION FORM
AND
NOTICE FOR EXEMPTION OF CERTAIN
VOLUNTARY HABITAT RESTORATION ACTIVITIES**

1. RESPONSIBLE PERSON CONTACT INFORMATION		
Name (print) Blake Lettenmaier	Affiliation (company or agency) City of Garibaldi	
Mailing address or PO Box PO Box 708		
City Garibaldi	State OR	Zip Code 97118
Phone number 503-322-3327	Cell or alternate number	
E-mail blake@ci.garibaldi.or.us	Fax number 503-616-7912	

2. LANDOWNER INFORMATION (if different than responsible party)		
Name (print)		
Mailing address or PO Box		
City	State	Zip Code
Phone number	E-mail	

3. PROJECT LOCATION INFORMATION

County: Tillamook		Nearest City: Garibaldi	
Physical address or description: Near Hwy 101 N and Arizona Way			
<input checked="" type="checkbox"/> Stream	Name of stream Hobson Ck	Tributary of Tillamook Bay	River mile 0.075
Is this <u>designated essential salmon habitat</u> (ESH)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<input type="checkbox"/> Wetland	Cowardin Class	HGM	
LATITUDE AND LONGITUDE (In Decimal Degrees, example: DD.DDDDDD) LEGAL DESCRIPTION FOR PROJECT (Check the description that applies and enter information below)			
<input checked="" type="checkbox"/> Project with single removal-fill site. Provide the information for the removal-fill site under "Start." <input type="checkbox"/> Project with multiple removal-fill sites. Provide the following for the project center point "Start." <input type="checkbox"/> Linear project. Provide the following information for the project start point <u>and</u> end point.			
Start point Latitude: <u>45.56312</u>		Start Longitude: <u>-123.89931</u>	
Township: <u>1N</u> Range: <u>10W</u> Section: <u>22</u> ¼ - ¼ Section: <u>NE-NW</u> Tax lot(s): _____			
End point Latitude: _____		End point Longitude: _____	
Township: _____ Range: _____ Section: _____ ¼ - ¼ Section: _____ Tax lot(s): _____			

4. PROJECT INFORMATION

Anticipated project dates: Start (mo) <u>AUG</u> (yr) <u>2016</u> Completion (mo) <u>DEC</u> (yr) <u>2016</u>

5. ACTIVITIES FOR THIS PROJECT. Check all that apply.

- Minimal Disturbance within ESH Waters *No Fee*
- Piling Placement and Removal in Non-Tidal Waters *No Fee*
- Temporary Impacts to Non-tidal Wetlands *Fee May Apply*
- Waterway Bank Stabilization *No Fee*
- Certain Transportation-Related Activities *Fee May Apply*
- Removing and Disposing of Sediment Behind Tidegates and Hydraulically Closed Perimeters *Fee May Apply*
- Waterway Habitat Restoration *No Fee*
- Wetland Ecosystem Restoration *No Fee*
- Notice for Exemption of Certain Voluntary Habitat Restoration Activities *No Fee*

RESOURCE GAINS AND LOSSES SHEET
for
**Temporary Impacts to Non-Tidal Wetlands, Wetland Ecosystem
Restoration and Waterway Habitat Restoration**

Waterway Habitat Gains:

- In-stream habitat improvement: Total stream length treated: 0.017 miles
- Stream miles opened that were previously inaccessible to migrating fish: 0.017
- Restored side channels and alcoves: 0.017 stream miles
- Riparian upland vegetation planting: 0.017 stream miles

Wetland Habitat Gains:

Expected Results	Acres		Cowardin Class	HGM Class
Restoration/Reestablishment (Restore functions to former wetland)	0.0014	of		
		of		
		of		
Enhancement/Rehabilitation (Repair functions to a disturbed wetland)	0.0014	of		
		of		
		of		
Creation (Create a new wetland from upland)		of		
		of		
		of		
Temporary Wetland Impacts		of		
		of		

DSL USE ONLY	
RC Confirmed? <input checked="" type="checkbox"/>	RGL # <u>59346- revised</u>
RC Initials: <u>CES</u>	RGL Data Entry Initials: _____

General Authorization for Temporary Disturbance to Non-Tidal Wetlands

OAR 141-089-0700 through 141-089-0715

Project purpose (Check all that apply):

- Construction staging
- Placement or maintenance of utility lines
- Constructing temporary access
- Other. Describe: REPLACE NON FISH PASSABLE CULVERT WITH BRIDGE

Eligibility (All must apply):

- Project will consist of 0.2 acres or less of temporary impacts to wetlands
- Project will not permanently convert wetlands to upland
- Project will not convert forested or shrub wetlands within the project site to different Cowardin Class

Area and Volume:

_____ acres of (select cowardin) Cowardin Class (select HGM) HGM wetland

Fill 130 cubic yards + Removal 30 cubic yards = 160 cubic yards disturbance

For Complete Notification you must attach the following:

- Current Delineation: A copy of a valid, Department approved delineation map and concurrence letter for Wetland Delineation Number: WD-_____.
- Fee Due: \$250.00 (If 50 cubic yards or more of total disturbance).
- Project Description: Brief description of the project and construction methods to be used. Provide sufficient detail to demonstrate compliance with restoration of ground contours and vegetation, required timing for rectification, post construction reporting, protection of ground surface, prevention of hydraulic piping, and stockpiling of topsoil.
- Resource characteristics: Description of the biological and physical characteristics of the wetland or waterway. Include HGM and Cowardin Class and current land use. Indicate if any wetland type of conservation concern is within the project area. (For help see: http://www.oregon.gov/DSL/PERMITS/docs/wetland_cons_concern.pdf.)
- Project location map: Sufficient detail to allow person to drive to the site from the nearest city/town or major highway intersection. Show boundaries of the *entire project*.
- Project area photo(s): Photo(s) of existing conditions required for all activity areas.
- Plan view drawing(s): Include existing and proposed contours, scale, jurisdictional wetland boundary (if delineated), clear identification of areas proposed for removal or fill, location of cross-section(s). *Do not use "typical" drawings.*
- Cross-section drawing(s): Include existing and proposed elevations, horizontal and vertical scale; jurisdictional wetland boundary (if delineated). *Do not use "typical" drawings.*

DSL Use Only: DSL Determination <u>Eligible</u> Date <u>9-07-16</u> RC Initial <u>CES</u>
--

General Authorization for Certain Transportation-Related Activities

OAR 141-089-0740 through 141-089-0755

Project purpose (Check all that apply):

- Investigation drilling of test holes and borings
- Culvert replacement for fish passage that exceeds maintenance allowance
- Culvert replacement has approved by ODFW fish passage plan
- Large wood relocation into wetlands, below HMT or below OHW
- Garbage, trash and rubble removal to maintain transportation structure

Fill 130 cubic yards + Removal 30 cubic yards = 160 cubic yards disturbance

For Complete Notification you must attach the following:

- Fee Due: \$250.00 (when more than 50 cubic yards total disturbance). ← ?
- ODFW Signed Fish Passage Plan for Road Crossing is attached for culvert replacement.
- Project Description: Description of project and construction methods to be used. Provide sufficient detail to demonstrate project will not adversely affect woody vegetation and will comply the general conditions for all General Authorizations.
- Resource characteristics: Description of the biological and physical characteristics of the wetland or waterway. Include HGM and Cowardin class and current land use. Indicate if any wetland type of conservation concern is within the project area. (For help see: http://www.oregon.gov/DSL/PERMITS/docs/wetland_cons_concern.pdf)
- Project location map: Sufficient detail to allow person to drive to the site from the nearest city/town or major highway intersection. Show boundaries of the *entire project*.
- Project area photo(s): Photo(s) of existing conditions required for all activity areas.
- Plan view drawing(s): Include existing and proposed contours, scale, jurisdictional boundaries (ordinary high water line or wetland boundary if delineated), clear identification of areas proposed for removal or fill, location of cross-section(s).
- Cross-section drawing(s): Include existing and proposed elevations, horizontal and vertical scale; jurisdictional boundaries (ordinary high water line or wetland boundary if delineated); proposed water elevation.

Note: Drawings must contain sufficient information to demonstrate compliance with the conditions and eligibility requirements of the applicable General Authorization. Do not use "typical" drawings.

DSL Use Only:

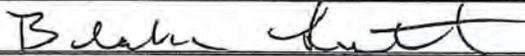
DSL Determination Eligible Date 9-07-16 RC Initial CES

6. Signature

By signing below, I understand:

- The information provided herein is, to the best of my knowledge and belief, true, complete, and accurate.
- I am responsible for complying with the requirements and conditions set forth in the applicable administrative rules for General Authorizations and for Voluntary Habitat Restoration activities.
- This approval does not authorize trespass on the lands of others. The responsible party shall obtain all necessary access permits or rights-of-way before entering lands owned by another.
- If this is state-owned submerged or submersible land, there may be additional easements, royalties and/or other requirements by DSL's [Aquatic Resource Management Program](#).
- This approval does not authorize any work that is not in compliance with local zoning or other local, state or federal regulation pertaining to the operations described herein. The responsible party shall obtain necessary approvals and permits before proceeding under this authorization.
- All work done under this authorization must comply with OAR Chapter 340, Standards of Quality for Public Waters of Oregon.
- When listed species are present, the responsible party must comply with the State Endangered Species Act and the Federal Endangered Species Act.
- Violations of the terms and conditions of this authorization are subject to administrative and/or legal action, which may result in revocation of the approval or damages. The responsible party is responsible for the activities of all contractors or other operators involved in work done at the site or under this approval.
- The Department of State Lands may, at any time, by notice to the responsible party, revoke or modify this approval if it determines the project scope or conditions of the General Authorization are insufficient to minimize individual or cumulative environmental effects in accordance with OAR 141-085.
- Employees of the Department of State Lands and all duly authorized representatives of the Director shall be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under this approval.
- In issuing this authorization, the Department of State Lands makes no representation regarding the quality or adequacy of the approved project design, materials, construction, or maintenance except to approve the project's design and materials, as set forth herein, as satisfying the resource protection, scenic, safety, recreation, and public access requirements of ORS Chapter 196 and related administrative rules.
- Responsible person shall defend and hold harmless the State of Oregon, and its officers, agents, and employees from any claim, suit, or action for property damage or personal injury or death arising out of the design, material, construction, or maintenance of the approved improvements.
- When approval from ODFW for Fish Passage is required, written authorization must be received from ODFW prior to ground disturbing activities.
- A permit from the U.S. Army Corps of Engineers may also be required.

Signature



Date

8-17-2016

Landowner signatures: For project work proposed on [state-owned submerged and submersible lands](#), DSL will coordinate and provide signatures below. A signature by the Department of State Lands for activities proposed on state-owned submerged/submersible lands only grants the applicant consent to apply for authorization to conduct removal-fill activities on such lands. This signature for activities on state-owned submerged and submersible lands grants no other authority, express or implied.

DSL Proprietary Coordinator /Type Name:

Title:

DSL Proprietary Coordinator Signature:

Date:

Please mail completed form to DSL at the appropriate regional office for your project location:

DSL – West of the Cascades:

Department of State Lands
775 Summer Street, Suite 100
Salem, OR 97301-1279
Phone: 503-986-5200 Fax: 503-378-4844

OR

DSL - East of the Cascades:

Department of State Lands
1645 NE Forbes Road, Suite 112
Bend, Oregon 97701
Phone: 541-388-6112 Fax: 541-388-6480

State-Owned Waterway Access Agreement OAR 141-125-0205

If this project will occur on state-owned submerged and submersible lands- General locations of which are identified on the DSL website: <http://www.oregon.gov/dsl/NAV/Pages/navigwaterways.aspx> (Rivers Creeks and Sloughs); <http://www.oregon.gov/dsl/NAV/Pages/lakeownership.aspx> (Meandered Lakes), It is likely that the activity will require a Short-Term Access Agreement. Please review the conditions of this agreement and sign. NOTE: Additional authorization, such as a lease or registration, may be required for state owned land. Please note the checkbox at the end of page 19 of this application.

The STATE OF OREGON, Department of State Lands, GRANTOR, hereby grants to the applicant of this General Authorization hereinafter called "GRANTEE", a Short Term Access Agreement upon _____ (waterbody name), as described in section #3 "Project Location Information" of this General Authorization Notification Packet, hereinafter called "**Lands in Use**".

Which are subject to the following terms and conditions:

1. The owner hereby grants to GRANTEE a *Short Term Access Agreement* upon the **Lands in Use** at any time from the anticipated start and completion times of this project as described in section #4 "Project Information" of this General Authorization Notification Packet. In order to complete the "Activities of this Project" as described in section #5 of this General Authorization Notification Packet, and further, the GRANTOR does hereby covenant that he is the lawful owner of a sufficient estate in the said **Lands in Use** to enable him to give the permission herein granted and that the said **Lands in Use** are free from any encumbrances which would interfere with the said permission.
2. This *Short Term Access Agreement* includes the right to ingress and egress on other lands of the GRANTOR described above, providing that the GRANTOR is given notification of such ingress and egress and such ingress and egress is approved by the GRANTOR, and provided such ingress and egress is necessary and not otherwise conveniently available to GRANTEE, and a *Short Term Access Agreement* for persons, pipelines, machinery and/or other equipment, over and across said **Lands** along such routes as may be necessary for the hereinabove stated purpose.
3. GRANTEE shall comply with all applicable local, state and federal laws and regulations affecting the **Lands in Use** and the use thereof, including local comprehensive land use planning and zoning ordinances, and correct at GRANTEE'S own expense any failure of compliance created through GRANTEE'S fault or by reason of GRANTEE'S use:

Dispose of all waste in a legal and proper manner and not allow debris, garbage or other refuse to accumulate within the **Lands in Use**; provided that, if GRANTEE allows debris, garbage or other refuse to accumulate within the **Lands in Use**, State shall have the right to remove the debris, garbage and other refuse, and collect the cost of such removal from GRANTEE;

Conduct all operations within the **Lands in Use** in a manner that conserves fish and wildlife habitat, protects water quality, and does not contribute to soil erosion or the infestation or spread of noxious weeds;

And, if applicable; maintain all buildings, docks, pilings, floats, gangways, similar structures, and other improvements located within the **Lands in Use** in a good state of repair; and

Not unreasonably interfere with the public's trust rights of commerce, navigation, fishing or recreation.

4. **Submerged/Submersible Only** In addition to any other applicable laws and regulations, GRANTEE shall comply with Oregon Department of Environmental Quality and Oregon State Marine Board requirements for sewage collection and waste water disposal for boats and floating structures.
5. GRANTEE shall not use, store, or dispose of, or allow the use, storage, or disposal within the **Lands in Use** of any materials that may pose a threat to human health or the environment, including without limitation, pollutants, hazardous solid waste, hazardous substances, pesticides, herbicides, or petroleum products (a "Hazardous Substance") except in strict compliance with applicable laws, regulations and manufacturer's instructions and shall take all necessary precautions to protect human health and the environment and to prevent discharge or release of any Hazardous Substance to the environment from the **Lands in Use**.

GRANTEE shall keep and maintain accurate and complete records of the amount of all such pollutants, hazardous solid waste, hazardous substances, pesticides, herbicides, or petroleum products (a "Hazardous Substance") stored or used on the **Lands in Use**, and shall immediately notify State of any release or threatened release of any such Hazardous Substance to the environment from the **Lands in Use** or otherwise attributable to operations or activities on the **Lands in Use**.

In the event any pollutants, hazardous solid waste, hazardous substances, pesticides, herbicides, or petroleum products (a "Hazardous Substance") is released, GRANTEE shall promptly and fully remediate such release in accordance with State and federal regulations and requirements. If GRANTEE fails to so remediate, State shall have the right to remove and remediate any release of a Hazardous Substance on the **Lands in Use** or attributable to operations or activities conducted or allowed by GRANTEE on the **Lands in Use** and to collect the cost of such removal or remediation from GRANTEE.

In addition to any duty to indemnify described elsewhere in this *Short Term Access Agreement*, GRANTEE shall indemnify State against any claim or costs arising from or related to a release of a pollutants, hazardous solid waste, hazardous substances, pesticides, herbicides, or petroleum products (a "Hazardous Substance") on or from the **Lands in Use**.

6. All tools, equipment, and other property belonging to GRANTEE taken upon or placed upon the land by GRANTEE shall remain the property of GRANTEE and may be removed by GRANTEE at any time within a reasonable period after the expiration of this *Short Term Access Agreement*.
7. GRANTEE agrees to defend, indemnify and hold State harmless from and against all claims, demands, actions, suits, judgment, losses, damages, penalties, fines, costs, and expenses (including expert witness fees and costs and attorney's fees in an administrative proceeding, at trial, or on appeal) arising from or attributable, in whole or in part, to the access agreement or any operations conducted or allowed by GRANTEE on the **Lands in Use**. As used in this Section 7.0 only, "State" means the State of Oregon and its boards, commissions, agencies, officers, employees, contractors, and agent.

This *Short Term Access Agreement* may be cancelled by GRANTOR after thirty (30) days written notice to GRANTEE for noncompliance with the above conditions or any lawful requirement.

Department of State Lands	Grantee
_____ Authorized Signature	_____ Applicant Signature
_____ Printed Name	_____ Printed Name
_____ Date	_____ Date

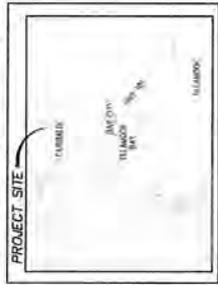
<i>TO BE COMPLETED BY DSL STAFF ONLY</i>	<input type="checkbox"/> This project only requires a short term access agreement, as stated in this form, to fulfill state owned waterway ownership requirements.
	<input type="checkbox"/> This project will require additional authorization to occupy state owned submerged and submersible waterways. (Authorization(s) needed: _____)

CITY OF GARIBALDI GARIBALDI, OREGON

ARIZONA WAY BRIDGE CONSTRUCTION PROJECT

AUGUST 2016

LOCATION MAP



N.T.S.

UTILITY CONTACTS

TILLAMOOK PEOPLE'S UTILITY DISTRICT
1115 PACIFIC
TILLAMOOK, OR 97141
PHONE (503) 842-2535
CENTURY LINK
PHONE (866) 731-1479
CHARTER COMMUNICATIONS
PHONE (866) 731-1479
CITY OF GARIBALDI
P.O. BOX 708
GARIBALDI, OREGON 97118
PHONE (503) 322-0217
CONTACT: MARTIN MCCORMICK

SHEET INDEX

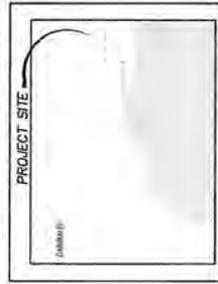
SHEET	DESCRIPTION
1	TITLE SHEET
2	GRADING/EROSION CONTROL/PLANTING PLAN
3	BRIDGE & STREET PLAN
4	SANITARY SEWER PLAN
5	WATER PLAN
6	CONSTRUCTION DETAILS
7	CONSTRUCTION DETAILS
8	BRIDGE SPECIFICATIONS



POTENTIAL UNDERGROUND
FACILITIES
UTILITY NOTIFICATION CENTER
503-232-1987

ATTENTION: WE REQUEST YOU TO FOLLOW RULES ADOPTED BY THE OREGON UTILITY NOTIFICATION CENTER. THOSE RULES ARE SET FORTH IN OUR 852-001-0010 THROUGH OUR 852-001-0080. YOU MAY OBTAIN COPIES OF THE RULES BY CALLING THE CENTER. DIAL 811

VICINITY MAP



N.T.S.

CITY ENGINEER/SURVEYOR

CITY OF GARIBALDI
P.O. BOX 708
GARIBALDI, OREGON 97118
PHONE (503) 322-3327
CONTACT: BLAINE LETTENMAIER, PE, PLS

GENERAL NOTES

- BRIDGE DESIGN SHALL BE SUBMITTED TO THE CITY AND APPROVED BY THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOT COMMENCE UNTIL ALL APPROPRIATE INSURANCE CERTIFICATES AND BONDS HAVE BEEN PROVIDED AND APPROVED.
- COWNER SHALL ARRANGE FOR THE INSTALLATION OF ALL FRANCHISED UTILITIES.
- CONTRACTOR SHALL NOT OBTAIN NATURAL STORM OR STREAM WATER FLOW TO BE BLOCKED AND/OR IMPROVED ON ADJACENT PROPERTY.

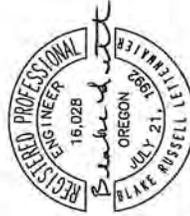
CONSTRUCTION NOTES

- GENERAL
 - ALL PUBLIC IMPROVEMENTS SHALL BE COMPLETED FOR THE APPLICABLE SECTIONS OF THE CITY OF GARIBALDI CONSTRUCTION SPECIFICATIONS.
 - THE CONTRACTOR SHALL FURNISH ALL THE WORK NECESSARY TO THE GRADING AND ALL MATERIALS ACCORDING TO THE SPECIFICATIONS AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - ALL MATERIALS SUPPLIED SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL BY THE CONTRACTOR FOR THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL NOTIFY THE CITY OF GARIBALDI OF ALL UTILITIES BEFORE COMMENCING CONSTRUCTION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO UTILITIES AND STRUCTURES THAT HAVE BEEN LOCATED FROM AVAILABLE RECORDS AND FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - THE CONTRACTOR SHALL MAINTAIN ALL RECORDS AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.

- SEWER REPAIRS, BRIDGES, AND GRADING
 - ALL TRENCHES, BRIDGES, STAIRS, AND OTHER STRUCTURES OF THE WORK SHALL BE CHECKED AND APPROVED BY THE CITY ENGINEER/SURVEYOR PRIOR TO THE FILING OF THE PROJECT.
 - ALL EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.
 - ALL MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL BY THE CITY ENGINEER/SURVEYOR.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
- UTILITIES
 - ALL PUBLIC UTILITIES SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES AND TO BE MAINTAINED IN THE PROJECT AREA.

- APPROVALS
 - ANY CHANGES TO THESE PLANS MUST BE APPROVED BY THE CITY ENGINEER/SURVEYOR PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL MAINTAIN RECORDS OF ALL CHANGES TO THESE PLANS.

- CITY WILL PROVIDE ALL CONSTRUCTION SURVEYING.
- CONTRACTOR SHALL PUMP/DIRT CREEK WATER AROUND NEW STRENGTHENED WORK AREA.
- CONTRACTOR SHALL CONSTRUCT TEMPORARY ACCESS/EGRESS FOR ARIZONA WAY BEFORE BEGINNING THE NORMAL ACCESS.



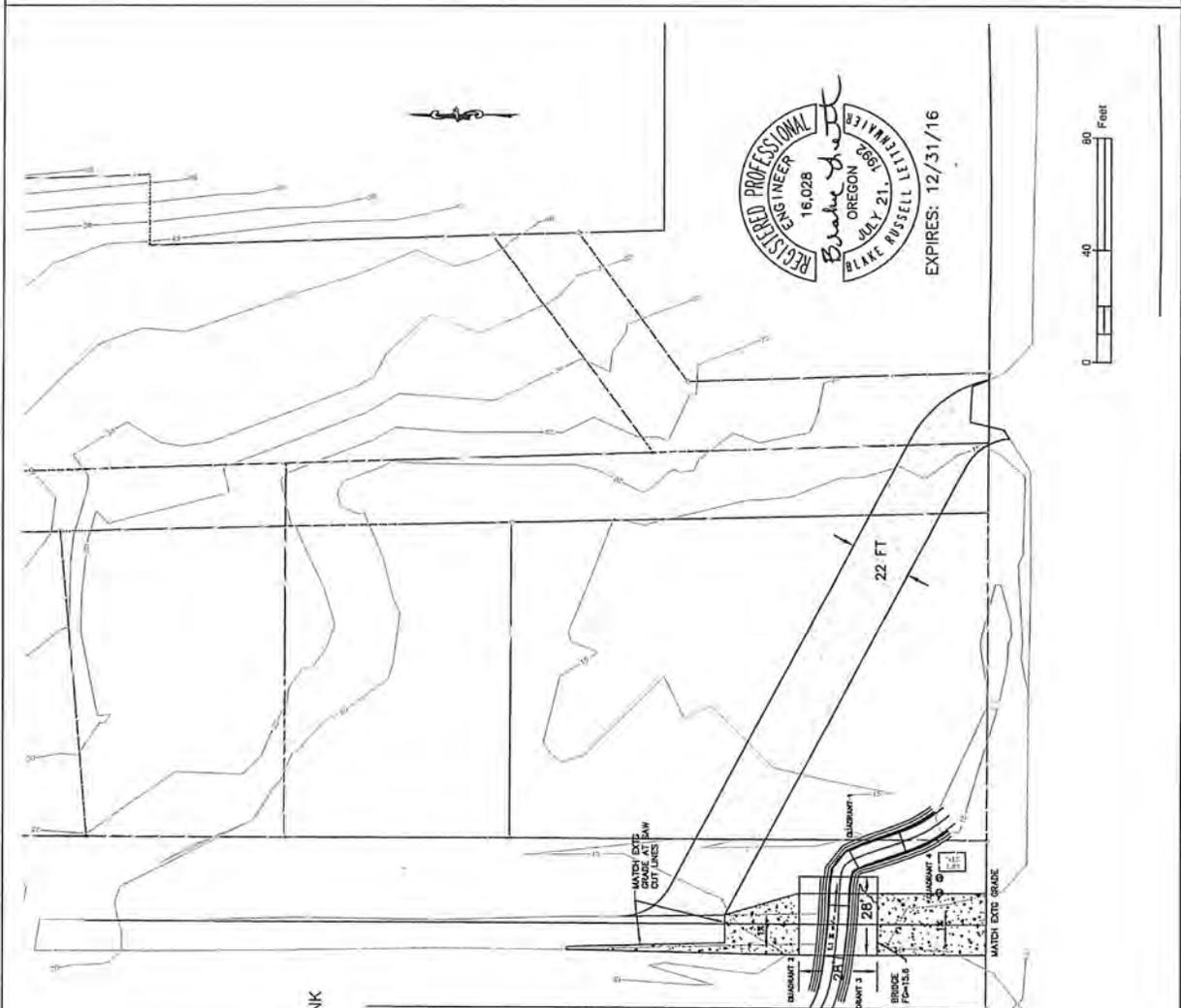
EXPIRES: 12/31/16

DESIGNED BY: BRL	CHECKED BY: MFM	APPROVED BY: JWO
DRAWN BY: BRL		
SHEET 1	1/8	

CITY OF GARIBALDI
ARIZONA WAY BRIDGE CONSTRUCTION PROJECT
TITLE SHEET

GARIBALDI/TILLAMOOK
PROJECT NO. 2016-100
FILE NAME: BRIDGE-SHEET-1.DWG
N.T.S.

PLANT DATE: 8-5-2016
LAST EDIT: BRL



WITHIN 3' OF THE TOP OF 95 LINEAL FEET OF STREAM BANK

PLANT (1) Mimulus guttatus - Seep Monkeyflower
1/2 GAL PLANTS IN EACH QUADRANT
OF STREAM BANK and

PLANT (1) Osmorhiza cerasiformis - Indian Plum, Oso Berry
1/2 GAL PLANTS IN EACH QUADRANT
OF STREAM BANK and

PLANT (1) Philadelphus lewisii - Mock Orange
1/2 GAL PLANTS IN EACH QUADRANT
OF STREAM BANK

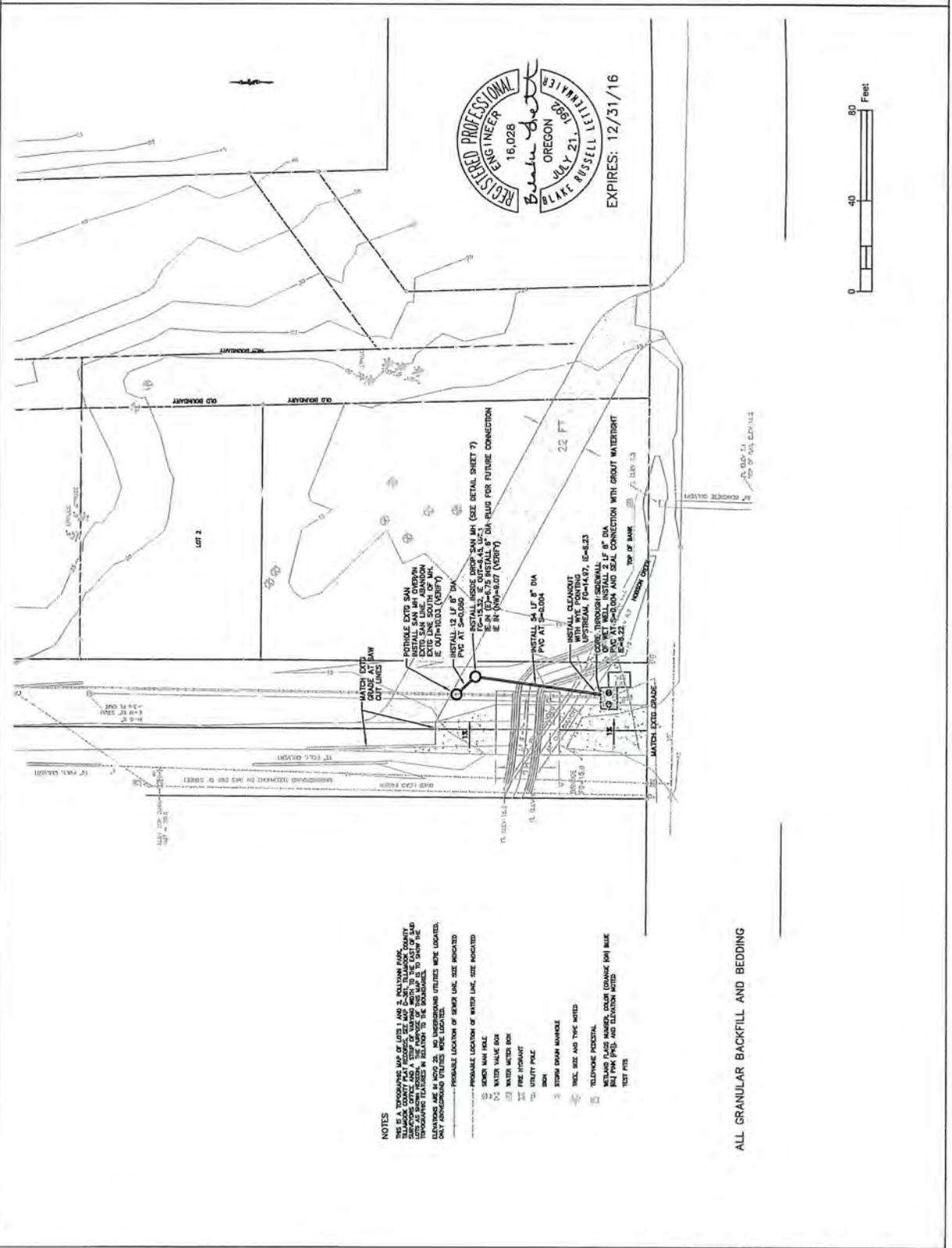
IN POTTING SOIL IN HOLE TWICE
THE SIZE OF THE PLANT'S CONTAINER THEN

COVER ALL SURFACES FROM 1 FOOT
ABOVE THE STREAM BED TO 3 FEET AWAY FROM THE
TOP OF THE STREAM BANK WITH 4"-INCH
THICKNESS OF TOPSOIL
THEN

SEED ALL TOPSOIL WITH
WEED-FREE NATIVE
SPECIES GRASS AND COMPACT SEEDED TOPSOIL

THEN COVER WITH
WEED-FREE STRAW
MULCH.

<p>DESIGNED BY: BRL DRAWN BY: BRL CHECKED BY: MFM APPROVED BY: JWO</p>		<p>SHEET 2/8</p>
<p>CITY OF GARIBALDI ARIZONA WAY BRIDGE CONSTRUCTION PROJECT GRADING/EROSION CONTROL/PLANTING PLAN</p>		
<p>FILE NAME: BRIDGE-SHEET-1.DWG</p>	<p>PROJECT NO. 2016-100</p>	<p>SCALE: 1" = 40'</p>
<p>GARIBALDI/TILLAMOOK OREGON</p>		

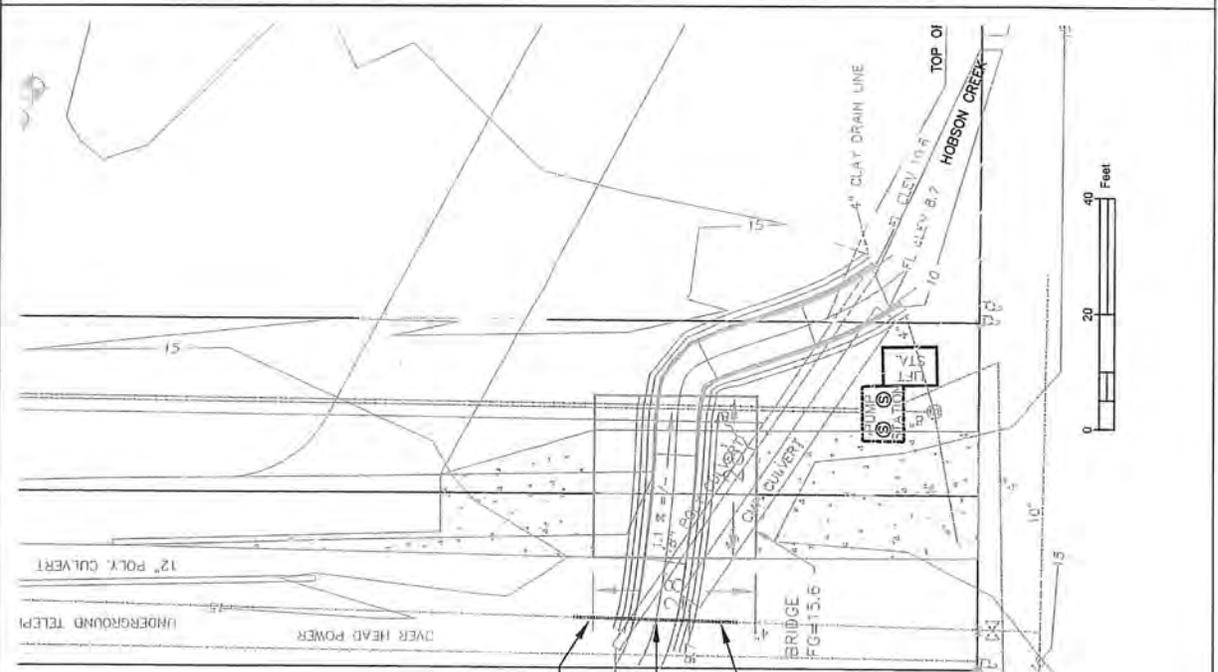


- NOTES**
- 1. THIS IS A TOPOGRAPHIC MAP OF LOTS 1 AND 2, POLKMAN PARK, TOWNSHIP 1N, RANGE 22BA, COUNTY OF TILLAMOOK, OREGON. THE PROPERTY LINES ARE SHOWN BY DASHED LINES. THE TOPOGRAPHY IS SHOWN BY CONTOUR LINES. THE ELEVATIONS ARE IN FEET. NO UNDERGROUND UTILITIES WERE LOCATED. ONLY ABOVEGROUND UTILITIES WERE LOCATED.
 - 2. PROBABLE LOCATION OF SEWER LINE, SIZE INDICATED.
 - 3. PROBABLE LOCATION OF WATER LINE, SIZE INDICATED.
 - 4. SEWER MAN HOLE
 - 5. WATER VALVE BOX
 - 6. WATER METER BOX
 - 7. FIRE HYDRANT
 - 8. UTILITY POLE
 - 9. SIGN
 - 10. STORM DRAIN MARKER
 - 11. HOLE, SIZE AND TYPE NOTED
 - 12. TELEPHONE POCKET
 - 13. METEOROLOGICAL MARKER, COLOR (ORANGE) 5/8\"/>

ALL GRANULAR BACKFILL AND BEDDING

<p>DESIGNED BY: BRL</p> <p>DRAWN BY: BRL</p> <p>CHECKED BY: MFM</p> <p>APPROVED BY: JWO</p>	<p>SHEET 4/8</p>	<p>CITY OF GARIBALDI</p> <p>ARIZONA WAY BRIDGE CONSTRUCTION PROJECT</p> <p>SANITARY SEWER PLAN</p> <p>FILE NAME: BRIDGE-SHEET-1.DWG</p> <p>PROJECT NO. 2016-100</p> <p>SCALE: 1"=40'</p> <p>GARIBALDI/TILLAMOOK</p>	<p>LAST EDIT: BRL</p> <p>PLOT DATE: 8-1-2016</p>
---	------------------	--	--





NOTES

THIS IS A TOPOGRAPHIC MAP OF LOTS 1 AND 2, POLLYANN PARK, TILLAMOOK COUNTY PLAT RECORDS, SEE MAP C-361, TILLAMOOK COUNTY SURVEYORS OFFICE AND A STRIP OF VARYING WIDTH TO THE EAST OF SAID LOTS AS SHOWN HEREON. THE PURPOSE OF THIS MAP IS TO SHOW THE TOPOGRAPHIC FEATURES IN RELATION TO THE BOUNDARIES.

ELEVATIONS ARE IN NGVD 29. NO UNDERGROUND UTILITIES WERE LOCATED. ONLY ABOVEGROUND UTILITIES WERE LOCATED.

- PROBABLE LOCATION OF SEWER LINE, SIZE INDICATED
 - PROBABLE LOCATION OF WATER LINE, SIZE INDICATED
 - ⊙ SEWER MAN HOLE
 - ⊙ WATER VALVE BOX
 - ⊙ WATER METER BOX
 - ⊙ FIRE HYDRANT
 - ⊙ UTILITY POLE
 - ⊙ SIGN
 - ⊙ STORM DRAIN MANHOLE
 - ⊙ TREE, SIZE AND TYPE NOTED
 - ⊙ TELEPHONE PEDESTAL
 - ⊙ WETLAND FLAGS NUMBER, COLOR (ORANGE [OR] BLUE [BL] PINK [PK]), AND ELEVATION NOTED
 - ⊙ TEST PITS
- POTHOLE EXITS PIPE TO VERIFY ELEVS
- IE= 9.2 (VERIFY) RESTRAINED MECH COUPLING, SPOOL W/ 1 FLANGE, FLxFL 45, FLxFL SPOOL, FLxFL 45
FL ELEV 15.2
- IE=6.2 (VERIFY) 20 LF CL 52 4" DI PIPE
FL ELEV 8.7
- IE= 9.2 (VERIFY) RESTRAINED MECH COUPLING, SPOOL W/ 1 FLANGE, FLxFL 45, FLxFL SPOOL, FLxFL 45
FL ELEV 15.6
- ALL GRANULAR BEDDING AND BACKFILL LEGALLY DISPOSE OF REPLACED PVC PIPE.

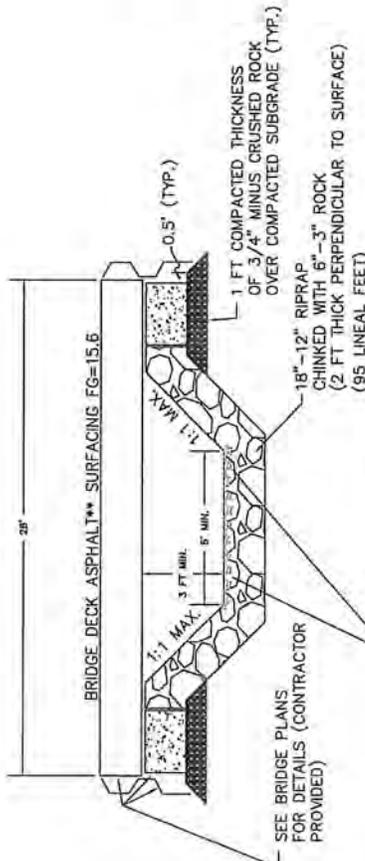


EXPIRES: 12/31/16

	<p>CITY OF GARIBALDI ARIZONA WAY BRIDGE CONSTRUCTION PROJECT WATER PLAN</p>	<p>DESIGNED BY: BRL DRAWN BY: BRL CHECKED BY: MFM APPROVED BY: JWO</p>	<p>SHEET 5/8</p>
<p>FILE NAME: BRIDGE-SHEET-1.DWG</p>		<p>PROJECT NO. 2016-100</p>	<p>SCALE: 1"=20'</p>
<p>OREGON</p>		<p>GARIBALDI/TILLAMOOK</p>	
<p>LAST EDIT: BRL PLOT DATE: 8-1-2016</p>			

	FILE NAME: ARIZONA WAY BRIDGE CONSTRUCTION DETAILS BRIDGE-SHEET-1.DWG	PROJECT NO. 2016-100	SCALE: N.T.S.
	FILE NAME: ARIZONA WAY BRIDGE CONSTRUCTION DETAILS BRIDGE-SHEET-1.DWG	PROJECT NO. 2016-100	SCALE: N.T.S.

PLACE AND COMPACT CLASS C ASPHALTIC** CONCRETE IN THE DECK CORRUGATIONS AND TO 3-INCHES ABOVE THE TOP OF THE CORRUGATIONS.



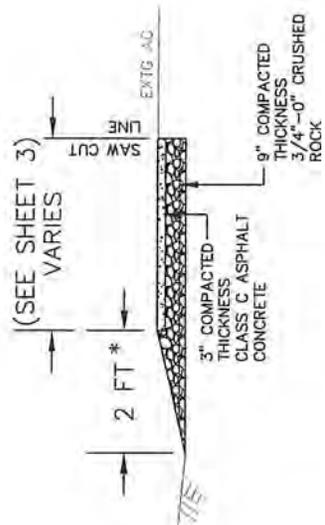
SEE BRIDGE PLANS FOR DETAILS (CONTRACTOR PROVIDED)

PLACE NATIVE STREAMBED MATERIALS THIS AREA (95 LINEAL FEET)

** IF CORRUGATED STEEL DECK IS USED

REMOVE ALL EXISTING ASPHALT CONCRETE UNDER WHERE NEW ASPHALT IS TO BE PLACED AND BREAK IN TO PIECES SMALLER THAN 8-INCHES AND STOCKPILE IN RIGHT-OF-WAY ADJACENT TO SITE

* PLACE ADDITIONAL SHOULDER ROCK NEAR SW CORNER OF BRIDGE TO PROVIDE REASONABLE PARKING FOR RESIDENCE AS EXISTED PRIOR TO CONSTRUCTION



TYPICAL PAVEMENT SECTION

NTS

DESIGNED BY: BRL

DRAWN BY: BRL

CHECKED BY: MFM

APPROVED BY: JMO



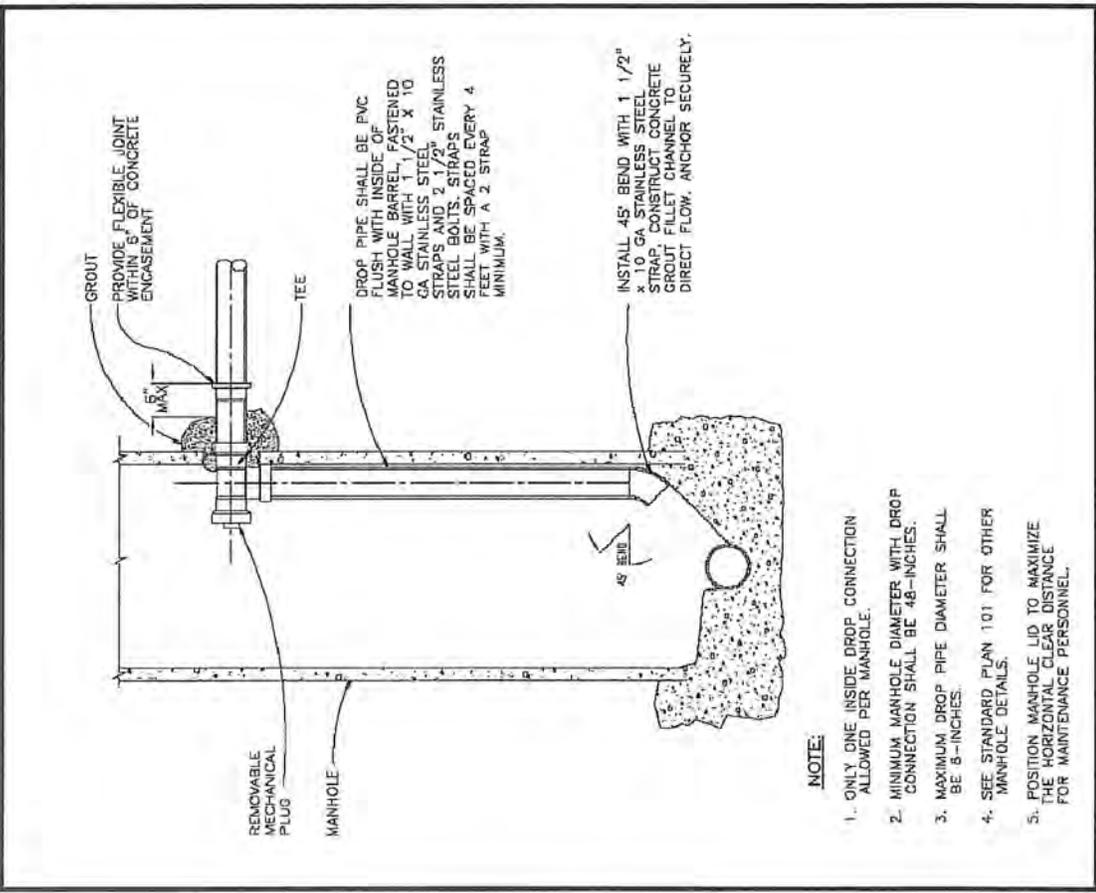
EXPIRES: 12/31/16

	PROJECT NO. 2016-100 FILE NAME: BRIDGE-SHEET-1.DWG		SCALE: N.T.S. GARIBALDI/TILLAMOOK	DESIGNED BY: BRL DRAWN BY: BRL CHECKED BY: MFM APPROVED BY: JWO	SHEET 7/8
	ARIZONA WAY BRIDGE CONSTRUCTION PROJECT CONSTRUCTION DETAILS CITY OF GARIBALDI			OREGON	7/8

USE STD PRECAST BASE, BARRELS, CONES,
FOR ALL MANHOLES



REGISTERED PROFESSIONAL ENGINEER
 16,028
 OREGON
 JULY 21, 1983
 BLAKE RUSSELL
 EXPIRES: 12/31/16



	<h2 style="margin: 0;">CITY OF GARIBALDI</h2> <h1 style="margin: 0;">ARIZONA WAY BRIDGE CONSTRUCTION PROJECT</h1> <h1 style="margin: 0;">BRIDGE SPECIFICATIONS</h1>	PROJECT NO. 2016-100	FILE NAME: BRIDGE-SHEET-1.DWG
GARIBALDI/TILLAMOOK N.T.S.		SCALE:	APPROVED BY: JWO
OREGON		DRAWN BY: BRL	CHECKED BY: MFM
DESIGNED BY: BRL		SHEET 8/8	

GARIBALDI/TILLAMOOK
 RE: Arizona Way Bridge

16.028
 REGISTERED PROFESSIONAL ENGINEER
 JULY 21, 1989
 OREGON
 R. J. WOODRUFF
 505-842-3333 (Fax)

EXPIRES: 12/31/16

16.028
 REGISTERED PROFESSIONAL ENGINEER
 JULY 21, 1989
 OREGON
 R. J. WOODRUFF
 505-842-3333 (Fax)

EXPIRES: 12/31/16

BRIDGE CONSTRUCTION SPECIFICATIONS

BRIDGE DESIGN. CONTRACTOR shall design and construct one shop assembled UBD loading, L/500 load deflection, predeflected steel bridge superstructure, with 10% live load deflection, 10% live load deflection, 10% live load deflection, weathering steel panels. The bridge shall have an span of 20 feet. The bridge shall be delivered in 2 modules with bolt-up connections.

The bridge superstructure shall be designed in accordance with AASHTO Standard Specifications for Highway Bridges, 17th Edition - 2002. Backfills shall be placed and have a positive connection joining the backfills to the modular bridge sections, to retain roadway embankment(s). Backfills shall be made of granulated fill.

Steel deck system shall be 9 gauge galvanized steel with corrugations 4-1/4" deep. The deck shall be attached to the steel girders by means of a deck-to-girder connection. The deck shall have a positive connection joining the deck panels to the modular bridge sections.

All structural steel shall be of cosmetic (USA) manufacture and shall conform to the requirements of ASTM Specification A588 Weathering Steel with exterior surfaces of girders being blast cleaned prior to shipment to assure uniform weathering.

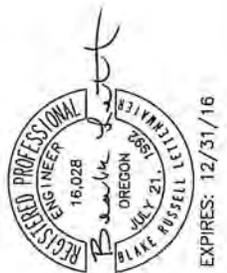
Precast concrete bridge abutts shall be constructed of reinforced Class 4,000 concrete with a minimum of 4% steel reinforcement. The bridge shall utilize 40 bearing plates, elastomeric pads and assembly bolts. The bridge footing elevation shall be equal.

CONTRACTOR MAY ALSO SUBMIT ALTERNATE CONCRETE BRIDGE DESIGN THAT MEETS THE LBD LOADING, THE L/500 DEFLECTION CRITERIA, COMPLES WITH AASHTO Standard Specifications for Highway Bridges, 17th Edition - 2002 AND USES THE SAME FOUNDATIONAL SYSTEM SPECIFIED ABOVE.

BRIDGE PLANS.

CONTRACTOR shall submit bridge plans from manufacturer to the City Engineer for review and approval. Bridge plans shall be signed and sealed by a professional engineer licensed in the state of Oregon.

- BRIDGE CONSTRUCTION**
- (1) In stream work shall be conducted only between July 1 and September 15, annually (UNLESS AN EXTENSION IS GRANTED BEYOND SEPTEMBER 15. SEE OFF&W EMAIL THIS SHEET). CITY shall be notified a minimum of two working days (Monday-Friday, 7:30 am - 3:30 pm) prior to beginning work. CITY will provide all construction surveying. All spill response materials shall be on site before the work begins.
 - (2) The City Engineer shall witness and approve the bridge installation. The contractor shall provide all preparation for placement of the bridge footings before such footings are placed.
 - (3) A minimum 1.8 cubic yards, track-mounted large class excavator shall be used for all foundation, stream channel development, and riprap placement.
 - (4) CONTRACTOR is responsible for scheduling and supervision of the bridge construction work.





Way

Arizona Way

Arizona Way

th Dr

Martin Smith Dr

Martin Smith Dr

Pacific Coast Scenic Byway

101

101

AERIAL PHOTO

FOR ASSESSMENT AND TAXATION ONLY. NOT SUITABLE FOR LEGAL ENGINEERING OR SURVEY PURPOSES.

N.E. 1/4 N.W. 1/4 SEC. 22 T.1N. R. 10W. W.M.
Tillamook County

1" = 100'

01N10W22BA
GARIBALDI

TAX LOT MAP

CANCELLED
500
600



SEE MAP IN 10W 22

GARIBALDI
01N10W22BA
REVISED 6/23/11 W.S.

U.S.G.S. TOPO MAP

PROJECT SITE

Rockaway

sand

rocky

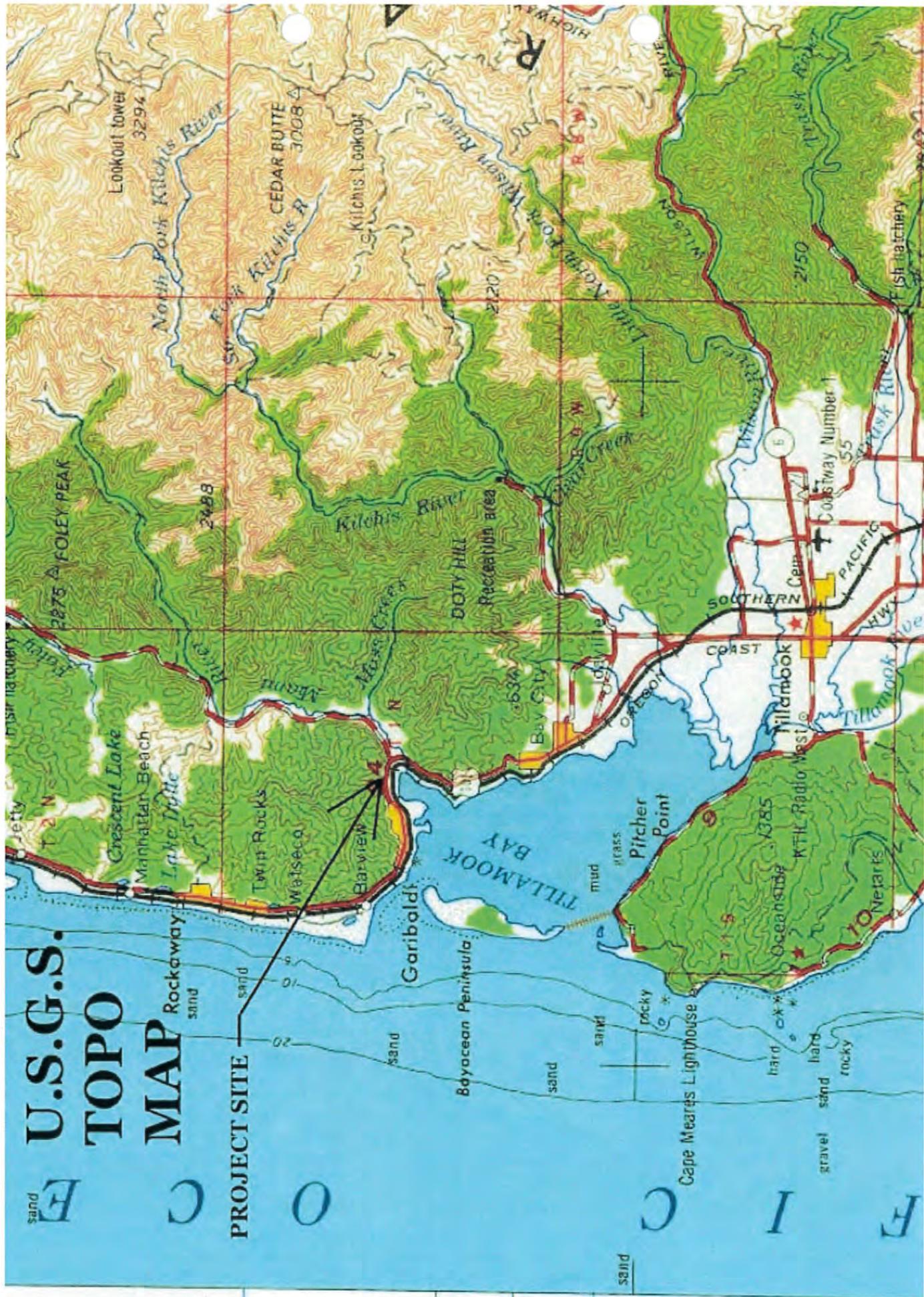
hard

hard

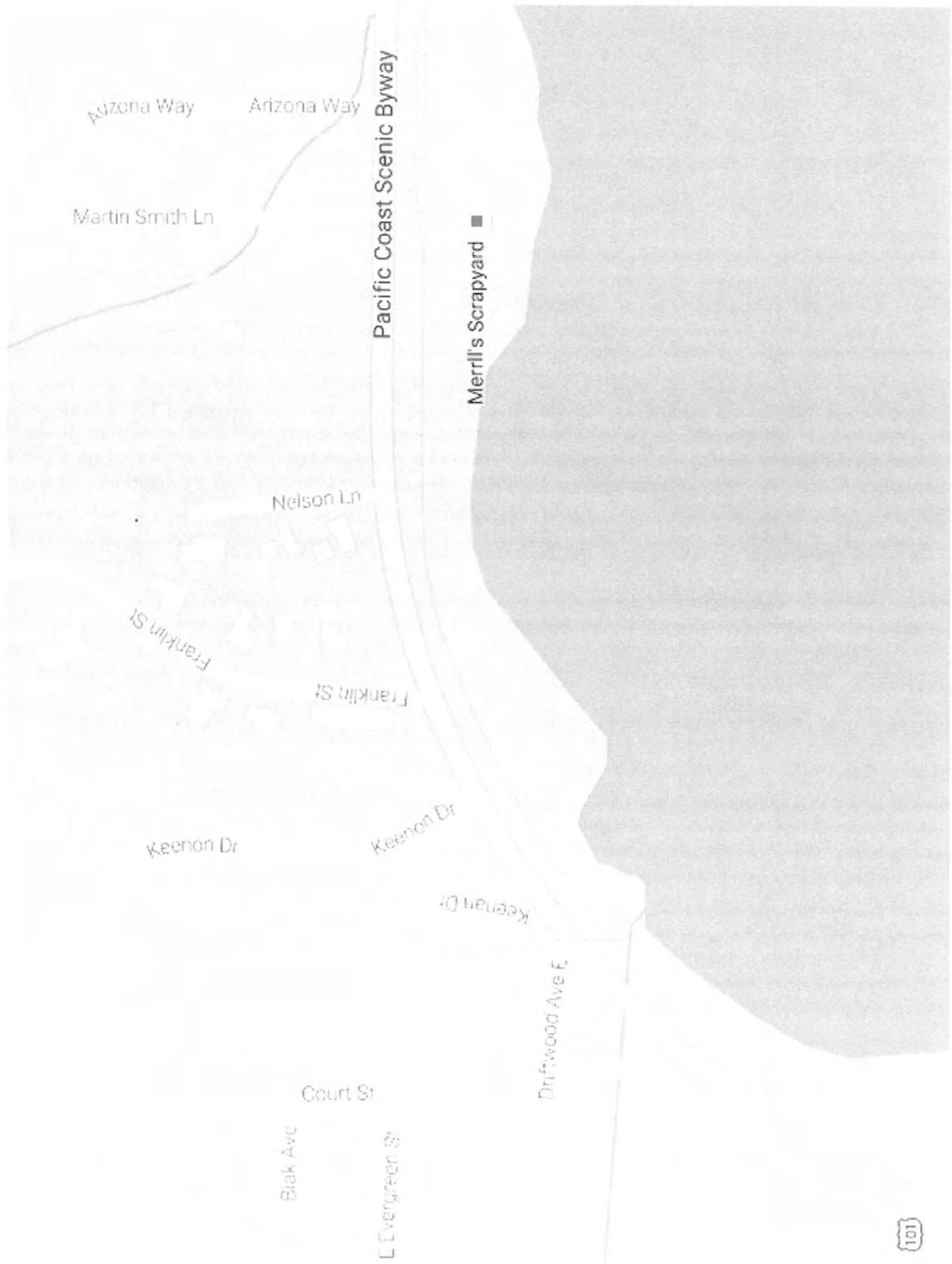
gravel

sand

rocky



30'



WETLAND DELINEATION / DETERMINATION REPORT COVER FORM

This form must be included with any wetland delineation report submitted to the Department of State Lands for review and approval. A wetland delineation report submittal is not "complete" unless the fully completed and signed report cover form and the required fee are submitted. Attach this form to the front of an unbound report or include a hard copy of the completed form with a CD/DVD that includes a single PDF file of the report cover form and report (minimum 300 dpi resolution) and submit to: **Oregon Department of State Lands, 775 Summer Street NE, Suite 100, Salem, OR 97301-1279**. A single PDF attachment of the completed cover form and report may be e-mailed to **Wetland_Delineation@dsl.state.or.us**. For submittal of PDF files larger than 10 MB, e-mail instructions on how to access the file from your ftp or other file sharing website. Fees can be paid by check or credit card. Make the check payable to the Oregon Department of State Lands. To pay the fee by credit card, call 503-986-5200.

<input checked="" type="checkbox"/> Applicant <input checked="" type="checkbox"/> Owner Name, Firm and Address: Paul Daniels Garibaldi Leasing and Development, Inc. PO Box 736 Garibaldi, Oregon 97118	Business phone # 503-812-8909 Mobile phone # (optional) E-mail: danielpaul353@yahoo.com
---	---

<input type="checkbox"/> Authorized Legal Agent, Name and Address:	Business phone # Mobile phone # E-mail:
--	---

I either own the property described below or I have legal authority to allow access to the property. I authorize the Department to access the property for the purpose of confirming the information in the report, after prior notification to the primary contact.
 Typed/Printed Name: Paul Daniels Signature: Paul Daniels
 Date: _____ Special instructions regarding site access: _____

Project and Site Information (using decimal degree format for lat/long, enter centroid of site or start & end points of linear project)

Project Name: 102 Arizona Way	Latitude: 45°33'47.5"N	Longitude: 123°53'56.6"W
Proposed Use: Development of apartment complex	Tax Map # 01N10W22BBA	
Project Street Address (or other descriptive location): 102 Arizona Way Garibaldi, Oregon 97118	Township 01N Range 10W Section 22BA QQ Tax Lot(s) 1100, 1200, 1300, 490	
City: Garibaldi County: Tillamook	Waterway: NWI Quad(s): Garibaldi	River Mile:

Wetland Delineation Information

Wetland Consultant Name, Firm and Address: Bob Sweeney Environmental Management Systems, Inc. 4080 SE International Way, Suite B112 Milwaukie, Oregon 97222	Phone # 503-353-9691 Mobile phone # E-mail: bob@envmgtsys.com
The information and conclusions on this form and in the attached report are true and correct to the best of my knowledge.	
Consultant Signature: _____	Date: 8/1/2016

Primary Contact for report review and site access is Consultant Applicant/Owner Authorized Agent
 Wetland/Waters Present? Yes No Study Area size: 0.98 Acres Total Wetland Acreage: 0.14

Check Box Below if Applicable:	Fees:
<input type="checkbox"/> R-F permit application submitted	<input checked="" type="checkbox"/> Fee payment submitted \$ 412
<input type="checkbox"/> Mitigation bank site	<input type="checkbox"/> Fee (\$100) for resubmittal of rejected report
<input type="checkbox"/> Wetland restoration/enhancement project (not mitigation)	<input type="checkbox"/> No fee for request for reissuance of an expired report
<input type="checkbox"/> Industrial Land Certification Program Site	
<input type="checkbox"/> Reissuance of a recently expired delineation	
Previous DSL # _____ Expiration date _____	
Other Information:	Y N
Has previous delineation/application been made on parcel?	<input checked="" type="checkbox"/> <input type="checkbox"/> If known, previous DSL # 08-0311
Does LWI, if any, show wetland or waters on parcel?	<input type="checkbox"/> <input checked="" type="checkbox"/>

For Office Use Only

DSL Reviewer: _____	Fee Paid Date: ____ / ____ / ____	DSL WD # _____
Date Delineation Received: ____ / ____ / ____	DSL Project # _____	DSL Site # _____
Scanned: <input type="checkbox"/> Final Scan: <input type="checkbox"/>	DSL WN # _____	DSL App. # _____



LEGEND

	EMERGENT WETLAND		UPLAND OBSERVATION POINT
	RIVERINE WETLAND		WETLAND OBSERVATION POINT
	HOBSON CREEK		STUDY AREA

THIS DOCUMENT IS NOT A SURVEY. LOCATIONS OF SITE FEATURES ARE APPROXIMATE.

0 15 30 60

SCALE 1"= 30'

IF THIS BAR DOES NOT MEASURE 2" THEN DRAWING IS NOT TO SCALE

ENVIRONMENTAL MANAGEMENT SYSTEMS, INC.
 4800 SE Independence Blvd
 Henderson, OR 97222
 503-353-9691
 503-752-1108
 503-752-2700
 503-322-2700
 www.emsenv.com
 © ALL RIGHTS RESERVED

PROJECT:	GARIBALDI LEASING AND DEVELOPMENT	
DATE:	T: 01N; R: 10W; S: 22BA; TL: 1100, 1200, 1300, AND 490	22 JULY 2016
	ARIZONA WAY (EMS 16-0116-01)	SCALE: 1"=30'



ENVIRONMENTAL
MANAGEMENT
SYSTEMS, INC.

OR: 503-353-9691
OREGON COAST: 503-322-2700
FAX: 503-353-9695
WA: 360-735-1109

www.envmgtsys.com
4080 SE International Way
Suite B112
Milwaukie, OR 97222

July 26, 2016

Garibaldi Leasing and Development
PO Box 736
Garibaldi, Oregon 97118

REGARDING: Status of Your Project (EMS #16-0116-01)
102 Arizona Way, Garibaldi, Oregon 97118

Dear Mr. Daniels:

As requested, Environmental Management Systems, Inc. (EMS) has performed the following services for your property located at 102 Arizona Way. The contract amount is \$ 6,000. The initial retainer of \$2,000 was received on 6/13/2016.

Deliverables:	Status:
- Identify wetland boundary as required by 1987 US Army Corps of Engineers Wetland Delineation Manual.	Completed on 06/14/2016
- Complete Written Wetland Delineation Report.	Completed on 07/26/2016
- Perform ESA-I Site Reconnaissance	Completed on 07/14/2016
- Perform ESA-I Records Research	Started on 06/28/2016
- Conduct ESA-I Interviews	Started on 06/14/2016
- Complete Written ESA-I Report in accordance with ASTM Standards (E1527-13)	Started on 06/28/2016

We appreciate your business and look forward to helping you meet your development / regulatory compliance goals.

Sincerely,

Caitlin Bradach
Project Manager
ENVIRONMENTAL MANAGEMENT SYSTEMS, INC.

Encl: Invoice 16-00846



Environmental Management Systems, Inc.
 4080 SE International Way, Suite B112
 Milwaukie, OR 97222

Invoice

Date	Invoice #
7/26/2016	16-00846

Bill To
Paul Daniels Garibaldi Leasing PO Box 736 Garibaldi, OR 97118

Terms	Account #
Due on receipt	

Item	Description	Rate	Amount
Wetland Delineation	<p>Wetland Delineation EMS will perform consulting, design, inspection and / or certification work relating to an environmental site evaluation, control method or treatment system, including the following specified services:</p> <p>- Identify and stake wetland boundary according to vegetation, soil, and hydrology indicators as required by 1987 US Army Corps of Engineers Wetland Delineation Manual and prepare a written Wetland Delineation Report suitable for submission to the Oregon Department of State Lands</p> <p>EMS thanks you for your business, appreciates your referrals and invites you to join us on the web at WWW.ENVMGTSYS.COM and Facebook for some fun facts.</p>	3,500.00	3,500.00
Thank you for your business		Total	\$3,500.00
503-353-9691 in Milwaukie 503-322-2700 in Garibaldi 360-735-1109 in Washington		Payments/Credits	-\$2,000.00
		Balance Due	\$1,500.00



- LEGEND**
-  EMERGENT WETLAND
 -  RIVERINE WETLAND
 -  UPLAND OBSERVATION POINT
 -  WETLAND OBSERVATION POINT

General Authorization for Temporary Impacts to Non-tidal Wetlands

The following conditions apply to all projects determined to be eligible for this general authorization:

(1) **Responsible Party.** The person listed on the notification as the responsible party is responsible for the activities of all contractors or other operators involved in project work covered by the GA.

(2) **Copy of Approved Notification Available for Inspection.** A copy of the notification approved by the Department must be available at the work site whenever noticed activities are being conducted.

(3) **Site Access Required.** Employees of the Department and all authorized representatives must be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under a notification.

(4) **Archeological Resources.** If any archeological sites, resources or artifacts are discovered during construction, work must immediately cease and the State Historic Preservation Office must be contacted.

(5) **ODFW Fish Passage Requirement.** The noticed activity must meet Oregon Department of Fish and Wildlife requirements for fish passage before the project is started (ORS 509.580 to 509.901 and OAR 635-412-0005 to 0040).

(6) **Hazards to Recreation, Navigation and Fishing.** The activity must be timed so as not to interfere with or create a hazard to recreational and commercial navigation and fishing.

(7) **Work Period in Jurisdictional Areas.** Fill or removal activities below the Ordinary High Water Line must be conducted when recommended by ODFW, unless otherwise coordinated with Oregon Department of Fish and Wildlife and approved in writing by DSL. Work is prohibited when fish eggs are present within the reach where activities are being conducted.

(8) **Pre-Construction Resource Area Fencing or Flagging.** Prior to any site grading, the boundaries of any avoided wetlands, waterways and riparian areas adjacent to the project site must be surrounded by noticeable construction fencing or flagging. There must be no vegetation removal or heavy equipment within marked areas. The marked areas must be maintained during construction of the project and be removed immediately upon project completion.

(9) **Erosion Control Methods.** The following erosion control measures must be installed at the construction site prior to construction and maintained during and after construction to prevent erosion and minimize movement of soil into waters of this state:

(a) All exposed soils must be stabilized during and after construction in order to prevent erosion and sedimentation;

(b) Filter bags, sediment fences, sediment traps or catch basins, leave strips or berms, or other measures must be used to prevent movement of soil into waterways and wetlands;

(c) To prevent erosion, use of compost berms, impervious materials or other equally effective methods, must be used to protect soil stockpiled during rain events or when the stockpile site is not moved or reshaped for more than 48 hours;

(d) Unless part of the permanent fill, all construction access points through, and staging areas in, riparian and wetland areas must use removable pads or mats to prevent soil compaction. However, in some wetland areas under dry summer conditions, this requirement may be waived upon approval by DSL. At project completion, disturbed areas with soil exposed by construction activities must be stabilized by mulching and native vegetative plantings/seeding. Sterile grass may be used instead of native vegetation for temporary sediment control if native vegetation is unavailable. If soils are to remain exposed for more than seven days after completion of the permitted work, they must be covered with erosion control pads, mats or similar erosion control devices until vegetative stabilization is installed;

(e) Where vegetation is used for erosion control on slopes steeper than 2:1, tackified seed mulch must be used so the seed does not wash away before germination and rooting;

(f) Dredged or other excavated material must be placed on upland areas having stable slopes and must be prevented from eroding back into waterways and wetlands;

(g) Erosion control measures must be inspected and maintained as necessary to ensure their continued effectiveness until soils become stabilized; and

(h) All erosion control structures must be removed when the project is complete and soils are stabilized and vegetated.

(10) **Hazardous, Toxic, and Waste Material Handling.** Petroleum products, chemicals, fresh cement, sandblasted material and chipped paint, wood treated with leachable preservatives or other deleterious waste materials must not be allowed to enter waters of this state. Machinery refueling is to occur at least 150 feet from waters of this state and confined in a designated area to prevent spillage into waters of this state. Barges must have a containment system to effectively prevent petroleum

products or other deleterious material from entering waters of this state. Project-related spills into waters of this state or onto land with a potential to enter waters of this state must be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.

(11) **Raising or Redirecting Water.** The project must not cause water to rise or be redirected and result in damage to structures or property.

(12) **Wetlands of Conservation Concern.** The project must not involve impacts to wetlands identified as a wetland type of conservation concern. Wetlands of Conservation Concern are bogs, fens, playas, salt flats, alkaline lakes, hot springs, native wet prairies, vernal pools, inter-dunal wetlands, mature forested wetlands, ultramafic soil wetlands, wooded tidal wetlands, and un-diked tidal wetlands, as determined by the Department.

(13) **Waste Disposal.** Old piling and other waste material discarded by the project must be disposed of in an appropriate disposal facility. There must be no temporary storage of piling or other waste material below top of bank, in any wetland, Federal Emergency Management Administration designated floodway, or an area historically subject to landslides.

(14) **DSL May Halt or Modify.** DSL retains the authority to temporarily halt or modify the project in case of unforeseen damage to natural resources.

(15) **Work Area Isolation.** The work area must be isolated from the water during construction. All structures and materials used to isolate the work area must be removed immediately following construction and water flow returned to pre-construction conditions. All fish must be salvaged from the isolated area in accordance with Oregon Department of Fish and Wildlife requirements.

(16) **Spoil Disposal.** Spoil materials, not used in the project, must be placed in an upland location. Spoil materials used in the project must be included in the cumulative removal-fill calculation for the activity.

(17) **Temporary Impact Rectification.** Rectification of temporary impacts includes re-establishment of pre-existing contours and pre-existing vegetation.

(18) **Timing of Temporary Impact Rectification.** Re-establishment of pre-construction contours must be completed immediately following project completion and within the same construction season as the temporary impact. Planting must be completed within six months of re-establishment of pre-existing contours.

(19) **Post-Construction Report Required.** Within two years of planting, a report must be submitted to the Department. The report must include:

(a) Data plots, according to OAR 141-090, to confirm that the wetland area impacted by the project meets wetland criteria; and

(b) Photos taken at the previously established photo points.

(20) **Protection of Ground Surface.** Before placing temporary fill in wetlands, fabric must be placed to allow complete removal of all temporary materials from the wetlands. If necessary to assist with removal of the fill, chain link fence or similar material may be placed under the fill. All fabric, fencing and other materials must be completely removed at project completion.

(21) **Stockpile Topsoil.** When trenching, the upper 12 inches of topsoil must be removed and stockpiled separately from subsurface soils and used as the final layer in backfilling.

(22) **Prevent Hydraulic Piping.** The project must be constructed to prevent underground hydraulic piping to dewater the site or adjacent wetlands. If the native underlying soils are not used as bedding material, and a coarser, non-native soil or other material is used, preventive measures must be used such as restoration of the restrictive layer and placement of clay or other impermeable plugs. Such plugs must be placed at each wetland boundary.

General Authorization Conditions for Certain Transportation Maintenance Activities

The following conditions apply to all projects determined to be eligible for this general authorizations:

- (1) **Responsible Party.** The person listed on the notification as the responsible party is responsible for the activities of all contractors or other operators involved in project work covered by the GA.
- (2) **Copy of Approved Notification Available for Inspection.** A copy of the notification approved by the Department must be available at the work site whenever noticed activities are being conducted.
- (3) **Site Access Required.** Employees of the Department and all authorized representatives must be permitted access to the project area at all reasonable times for the purpose of inspecting work performed under a notification.
- (4) **Archeological Resources.** If any archeological sites, resources or artifacts are discovered during construction, work must immediately cease and the State Historic Preservation Office must be contacted.
- (5) **ODFW Fish Passage Requirement.** The noticed activity must meet Oregon Department of Fish and Wildlife requirements for fish passage before the project is started (ORS 509.580 to 509.901 and OAR 635-412-0005 to 0040).
- (6) **Hazards to Recreation, Navigation and Fishing.** The activity must be timed so as not to interfere with or create a hazard to recreational and commercial navigation and fishing.
- (7) **Work Period in Jurisdictional Areas.** Fill or removal activities below the Ordinary High Water Line must be conducted when recommended by ODFW, unless otherwise coordinated with Oregon Department of Fish and Wildlife and approved in writing by DSL. Work is prohibited when fish eggs are present within the reach where activities are being conducted.
- (8) **Pre-Construction Resource Area Fencing or Flagging.** Prior to any site grading, the boundaries of any avoided wetlands, waterways and riparian areas adjacent to the project site must be surrounded by noticeable construction fencing or flagging. There must be no vegetation removal or heavy equipment within marked areas. The marked areas must be maintained during construction of the project and be removed immediately upon project completion.

(9) **Erosion Control Methods.** The following erosion control measures must be installed at the construction site prior to construction and maintained during and after construction to prevent erosion and minimize movement of soil into waters of this state:

(a) All exposed soils must be stabilized during and after construction in order to prevent erosion and sedimentation;

(b) Filter bags, sediment fences, sediment traps or catch basins, leave strips or berms, or other measures must be used to prevent movement of soil into waterways and wetlands;

(c) To prevent erosion, use of compost berms, impervious materials or other equally effective methods, must be used to protect soil stockpiled during rain events or when the stockpile site is not moved or reshaped for more than 48 hours;

(d) Unless part of the permanent fill, all construction access points through, and staging areas in, riparian and wetland areas must use removable pads or mats to prevent soil compaction. However, in some wetland areas under dry summer conditions, this requirement may be waived upon approval by DSL. At project completion, disturbed areas with soil exposed by construction activities must be stabilized by mulching and native vegetative plantings/seeding. Sterile grass may be used instead of native vegetation for temporary sediment control if native vegetation is unavailable. If soils are to remain exposed for more than seven days after completion of the permitted work, they must be covered with erosion control pads, mats or similar erosion control devices until vegetative stabilization is installed;

(e) Where vegetation is used for erosion control on slopes steeper than 2:1, tackified seed mulch must be used so the seed does not wash away before germination and rooting;

(f) Dredged or other excavated material must be placed on upland areas having stable slopes and must be prevented from eroding back into waterways and wetlands;

(g) Erosion control measures must be inspected and maintained as necessary to ensure their continued effectiveness until soils become stabilized; and

(h) All erosion control structures must be removed when the project is complete and soils are stabilized and vegetated.

(10) **Hazardous, Toxic, and Waste Material Handling.** Petroleum products, chemicals, fresh cement, sandblasted material and chipped paint, wood treated with leachable preservatives or other deleterious waste materials must not be allowed to enter waters of this state. Machinery refueling is to occur at least 150 feet from waters of this state and confined in a designated area to prevent spillage into waters of this state. Barges must have a containment system to effectively prevent petroleum

products or other deleterious material from entering waters of this state. Project-related spills into waters of this state or onto land with a potential to enter waters of this state must be reported to the Oregon Emergency Response System (OERS) at 1-800-452-0311.

(11) **Raising or Redirecting Water.** The project must not cause water to rise or be redirected and result in damage to structures or property.

(12) **Wetlands of Conservation Concern.** The project must not involve impacts to wetlands identified as a wetland type of conservation concern. Wetlands of Conservation Concern are bogs, fens, playas, salt flats, alkaline lakes, hot springs, native wet prairies, vernal pools, inter-dunal wetlands, mature forested wetlands, ultramafic soil wetlands, wooded tidal wetlands, and un-diked tidal wetlands, as determined by the Department.

(13) **Waste Disposal.** Old piling and other waste material discarded by the project must be disposed of in an appropriate disposal facility. There must be no temporary storage of piling or other waste material below top of bank, in any wetland, Federal Emergency Management Administration designated floodway, or an area historically subject to landslides.

(14) **DSL May Halt or Modify.** DSL retains the authority to temporarily halt or modify the project in case of unforeseen damage to natural resources.

(15) **Work Area Isolation.** The work area must be isolated from the water during construction. All structures and materials used to isolate the work area must be removed immediately following construction and water flow returned to pre-construction conditions. All fish must be salvaged from the isolated area in accordance with Oregon Department of Fish and Wildlife requirements.

(16) **Spoil Disposal.** Spoil materials, not used in the project, must be placed in an upland location. Spoil materials used in the project must be included in the cumulative removal-fill calculation for the activity.