



# Oregon

Theodore R. Kulongoski, Governor

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DATE: November 5, 2009

## Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY: Bobby L. Staggs

APPROVED BY: Carol A. Cartwright, P.E.

SUBJECT: Newton Creek - Jade Place (Philomath) Section  
Corvallis - Newport Highway  
Benton County  
Roadside Development Project  
(Bids to be opened and read November 12, 2009)

### The following changes are made to the Project Bid Booklet:

1. The following changes are made to the Project Bid Items:

a. Name changes:

<u>Number</u>	<u>Item</u>
0200	Groundcovers, 3 ½ Inch Pots

Make a copy of and use the new attached Bid Sheets. A Bid **not** including these new Bid Sheets **will be rejected as non-responsive**.

**The following changes are made to the Project Special Provisions:**

1. Subsection **01040.19 Plants** - This subsection is replaced by the following subsections:

**01040.19(a) Nomenclature** - Add the following:

All plants shall be tagged at the nursery and identified by botanical name, common name, and, if appropriate, cultivar/variety name. All tags shall be left on the plants until plant layout is approved by the Project Manager, prior to installation.

**01040.19(b) Quality** - In the first sentence of the first paragraph, replace "top growth that is well developed and free of" with "root growth that is well-developed and top growth that is free of".

Add the following to the third paragraph:

Evergreen plants, including coniferous and broadleaf, shall be well-foliated and of good color.

Add the following at the end of this subsection:

Plant materials shall be nursery-grown stock. Plants that are grafted shall have roots of the same genus as the specified plant.

For all trees, mark the north side of each tree in its growing location at the nursery. Mark each tree at the nursery and in a manner that does not harm the tree or its bark.

**01040.19(h-4) Balled and Burlapped (B&B) Plants** - Add the following after the first sentence in the second paragraph:

Root balls with synthetic burlap (fabric) or strings will not be accepted.

Add the following subsections:

**01040.19(i) Street Trees** - Trees with straight trunks, full and symmetrical branching, central leader, and which have been developed, grown, and propagated with a full branching crown. Street trees with improperly pruned, broken, or damaged branches, trunk, or root structure shall be rejected.

**01040.19(j) Required Plant Material** - Furnish plant materials meeting the requirements in the Plant Materials Schedule in the Plans. Container-grown and field-potted plants grown at the nursery with supportive stakes, such as bamboo stakes, will be rejected.

2. Subsection **01040.19(g) Contract Growing Plant Materials** - This subsection is added after subsection **01040.19(b)**:

**01040.19(g) Contract Growing Plant Materials** - Add the following sentence to the end of this subsection:

This project may require a contract growing agreement for *Veronica peduncularis* 'Georgia Blue' (Georgia Blue Speedwell).

3. Subsection **01040.43(a) Excavation** - This subsection is replaced with the following subsection:

**01040.43(a) Excavation** - Add the following:

Excavate the existing bark mulch in the landscape medians and couplet triangles identified in the Plans. Excavate down to the soil surface. Haul and stockpile the bark mulch as directed by the Project Manager. Stockpile location will be determined by the Project Manager and will be no farther than 2 miles from the project site.

Excavate existing soil in the landscape medians and couplet triangles as needed to meet thickness, grade, and slopes shown or directed.

**The following changes are made to the Project Plans:**

1. Plan sheets GN-1, GN-9, and GN-10 are replaced with revised plan sheets GN-1, GN-9, and GN-10.

These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

Make copies of the new Bid Sheets to replace the Special Provisions Bid Schedule Sheets.

BLS:bls

Attachments: New Bid Sheets  
Revised Plan Sheets

BID SCHEDULE

CONTRACT ID: 14141

PROJECT: US 20/OR 34: NEWTON CREEK - JADE  
PLACE (PHILOMATH)

PROJECT KEY: 16438

ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0210-0100000A MOBILIZATION	LS	ALL	
0020	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS	ALL	
0030	0225-0102000J TEMPORARY SIGNS	SQFT	230.00	
0040	0225-0104000E TEMPORARY BARRICADES, TYPE II	EACH	4.00	
0050	0225-0105000E TEMPORARY BARRICADES, TYPE III	EACH	3.00	
0060	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH	24.00	
0070	0225-0162000E SEQUENTIAL ARROW SIGNS	EACH	1.00	
0080	0280-0100000A EROSION CONTROL	LS	ALL	
0090	0280-0106000E CHECK DAM	EACH	1.00	
0100	0280-0114000E INLET PROTECTION	EACH	42.00	
0110	0290-0100000A POLLUTION CONTROL PLAN	LS	ALL	

SECTION 0002 ROADWORK

BID SCHEDULE

CONTRACT ID: 14141

PROJECT: US 20/OR 34: NEWTON CREEK - JADE  
PLACE (PHILOMATH)

PROJECT KEY: 16438

ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0120	0330-0105000K GENERAL EXCAVATION	450.00 CUYD		

SECTION 0003 RIGHT-OF-WAY DEVELOPMENT AND CONTROL

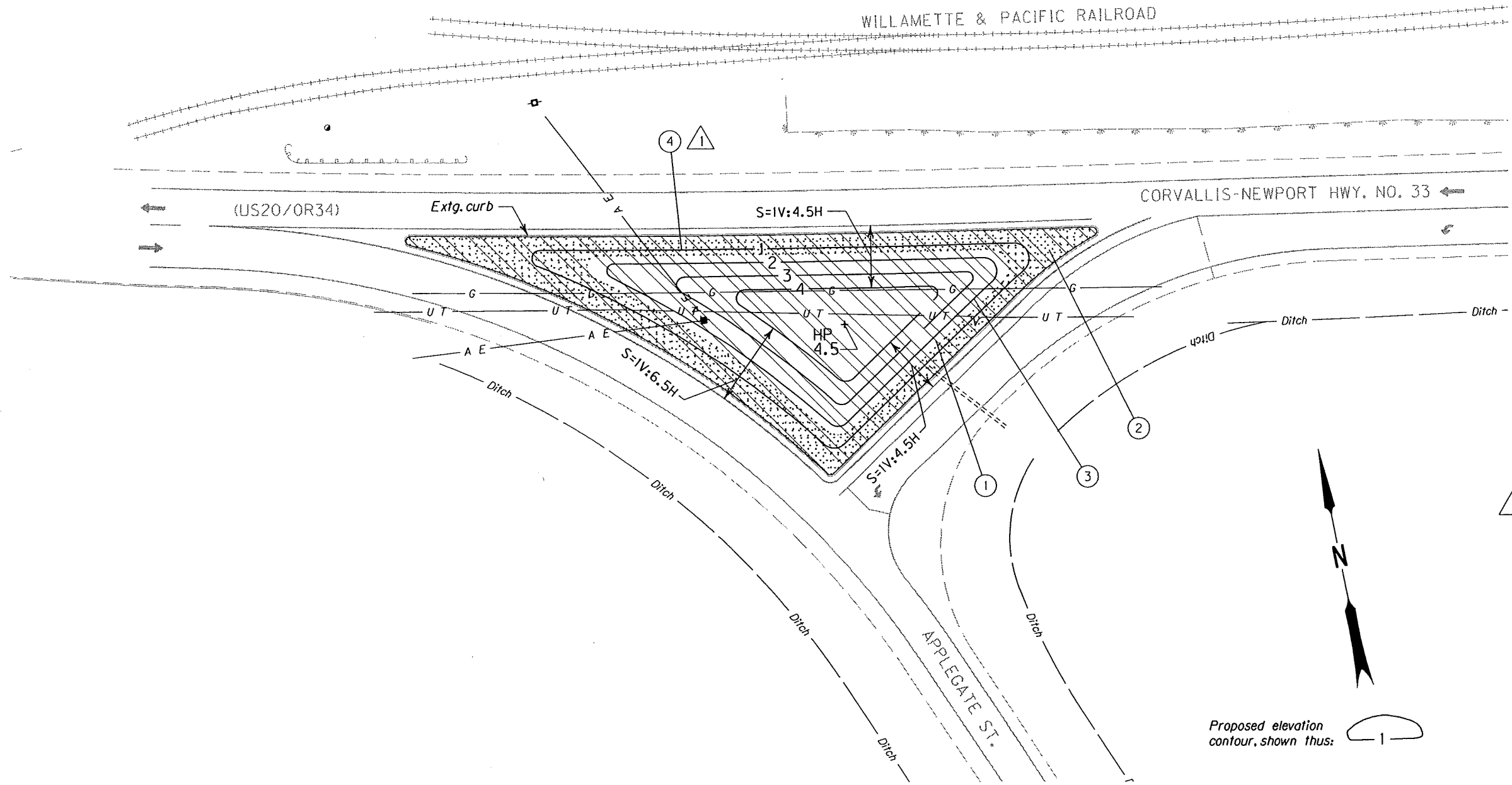
0130	1040-0100000E SOIL TESTING	2.00 EACH		
0140	1040-0101000K TOPSOIL	1,005.00 CUYD		
0150	1040-0107000K SOIL CONDITIONER	502.00 CUYD		
0160	1040-0116000E CONIFER TREES, 8 FT HEIGHT	5.00 EACH		
0170	1040-0128000E DECIDUOUS TREES, 1-1/2 INCH CALIPER	7.00 EACH		
0180	1040-0131000E DECIDUOUS TREES, 2-1/2 INCH CALIPER	35.00 EACH		
0190	1040-0155000E SHRUBS, NO. 3 CONTAINER	2,937.00 EACH		
0200	1040-0174000E GROUNDCOVERS, 3 1/2 INCH POTS	4,368.00 EACH		
0210	1040-0190000K BARK MULCH	275.00 CUYD		


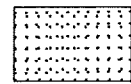
SECTION 0004 WATER SUPPLY SYSTEMS

0220	1120-0100000A IRRIGATION SYSTEM	ALL LS		
	TOTAL BID			

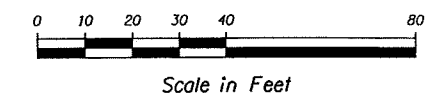
SITE PREPARATION  
SEC. 11, T.12S., R.6W., W.M.

42V-212

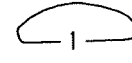


- ① Excavate existing bark mulch. Haul and stockpile as directed by the Project Manager. Till subsoil to a depth of 8" according to Section 01040.43(b) of the Standard Specifications and Special Provisions.  
Shown thus:   
135 CY Excavation
- ② Amend top 8" of soil with 3" depth of Medium Compost.  
Shown thus:   
35 CY Medium Compost
- ③ Place and grade imported topsoil as needed to meet grades and slopes shown. The top 2 feet of topsoil material shall be amended with Medium Compost according to Special Provisions 01040.14(b) and 01040.43. Finish grade to have a 4" freeboard along curbs.  
589 CY Imported Topsoil  
161 CY Medium Compost
- ④ Design & install an automatic irrigation system this median. See Special Provision 01120 - 8,170 s.f.

General Note  
See Special Provisions  
01040 & 01120



Note:  
Extg. utility locations & pipe sizes are approximate. Field verify all.

Proposed elevation contour, shown thus: 

① Revised 11-5-2009,  
Added Note 4

REGISTERED  
577  
*Beth E. Peterson*  
Beth E. Peterson  
08/12/05  
OREGON  
LANDSCAPE ARCHITECT

**OREGON DEPARTMENT OF TRANSPORTATION**

**REGION 2 TECH CENTER**


OR34/US20: NEWTON CREEK -  
JADE PLACE (PHILOMATH) PHASE 1 SEC.  
CORVALLIS - NEWPORT HIGHWAY  
BENTON COUNTY


Checked by - Magnus Bernhardt  
Designed By - Magnus Bernhardt & Beth E. Peterson  
Drafted By - D. Gentner-Day

ROADSIDE DEVELOPMENT PLAN

SHEET NO.  
GN-1

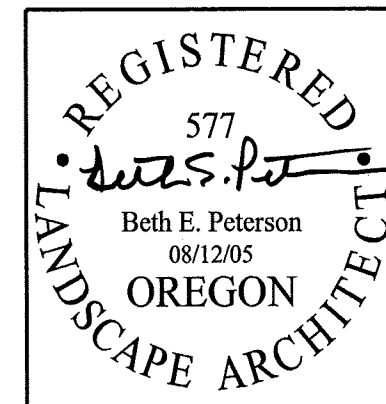
### PLANT MATERIAL SCHEDULE

Plant Type	Key	Scientific Name	Common Name	Size (Class)	Root Type	Plant Condition	A.S.N.S.	Spacing	Layout	Percent of Mix	Quantities by Sheet						Total		
											GN-10	GN-11	GN-12	GN-13	GN-14	GN-15		GN-16	
TREES	T-ACA	<i>Acer rubrum</i> 'Armstrong'	Armstrong Maple	2-1/2 in. cal.	B&B	Street tree, symmetrical, branched, single leader, 12-14 ft.	1.2.1 - Type 1	30 ft. O.C.	W.S.	N/A	0	0	5	4	4	12	4	29	
	T-ACB	<i>Acer rubrum</i> 'Bowhall'	Bowhall Red Maple	2-1/2 in. cal.	B&B	Street tree, symmetrical, branched, single leader, 12-14 ft.	1.2.1 - Type 1	15 ft. O.C.	W.S.	N/A	6	0	0	0	0	0	0	6	
	T-AMG	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance'	Autumn Brilliance Serviceberry	1-1/2 in. cal. / #15	B&B / Cont.	Single trunk, 8 or more branches	1.2.3 - Type 3	15 ft. O.C.	W.S.	N/A	0	7	0	0	0	0	0	7	
	T-THP	<i>Thuja plicata</i> 'Virescens'	Giant Arborvitae 'Virescens'	8 ft.	B&B / Cont.	Lightly sheared, min. ball diam. 28 inches	3.2.4 - Type 4	15 ft. O.C.	W.S.	N/A	0	5	0	0	0	0	0	5	
TOTAL											6	12	5	4	4	12	4	47	
SHRUBS	S-ILC	<i>Ilex crenata</i> 'Convexa'	Convexa Japanese Holly	#3	Cont.	Semi-sheared, 18-24 in. spread	4.2.2 - Type 2	3 ft. O.C.	(See Plans)	N/A	364	376	161	90	91	225	78	1,385	
	S-POM	<i>Polystichum munitum</i>	Western Sword Fern	#3	Cont.		N/A	4 ft. O.C.	Triangle	N/A	63	0	0	0	0	0	0	63	
	TOTAL											427	376	161	90	91	225	78	1,448
	SM-1 (Shrub Mix "1")	<i>Rosa x 'Noamel'</i>	Flower Carpet® Appleblossom Groundcover Rose	#3	Cont.	Grade #1, min. 3 canes	5.3	2.5 ft. O.C.	Triangle	50%	217	181	58	47	53	141	48	745	
	<i>Rosa x 'NOA83100B'</i>	Flower Carpet® Scarlet Groundcover Rose	#3	Cont.	Grade #1, min. 3 canes	5.3	2.5 ft. O.C.	Triangle	50%	218	180	58	47	53	140	48	744		
TOTAL											100%	435	361	116	94	106	281	96	1,489
GROUND-COVERS	G-VEP	<i>Veronica peduncularis</i> 'Georgia Blue'	Georgia Blue Speedwell	 3-1/2 in.	Pot		12.3	16 in. O.C.	Triangle	N/A	1,561	1,457	570	157	153	205	265	4,368	
	TOTAL											1,561	1,457	570	157	153	205	265	4,368

 Revised 11-5-2009, Changed plant size and type

**ABBREVIATION TABLE**

A.S.N.S.	American Standard For Nursery Stock
Cal.	Caliper
Cont.	Container
N/A	Not Applicable
O.C.	On Center
W.S.	Where Staked



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OR34/US20: NEWTON CREEK -  
 JADE PLACE (PHILOMATH) PHASE 1 SEC.  
 CORVALLIS - NEWPORT HIGHWAY  
 BENTON COUNTY

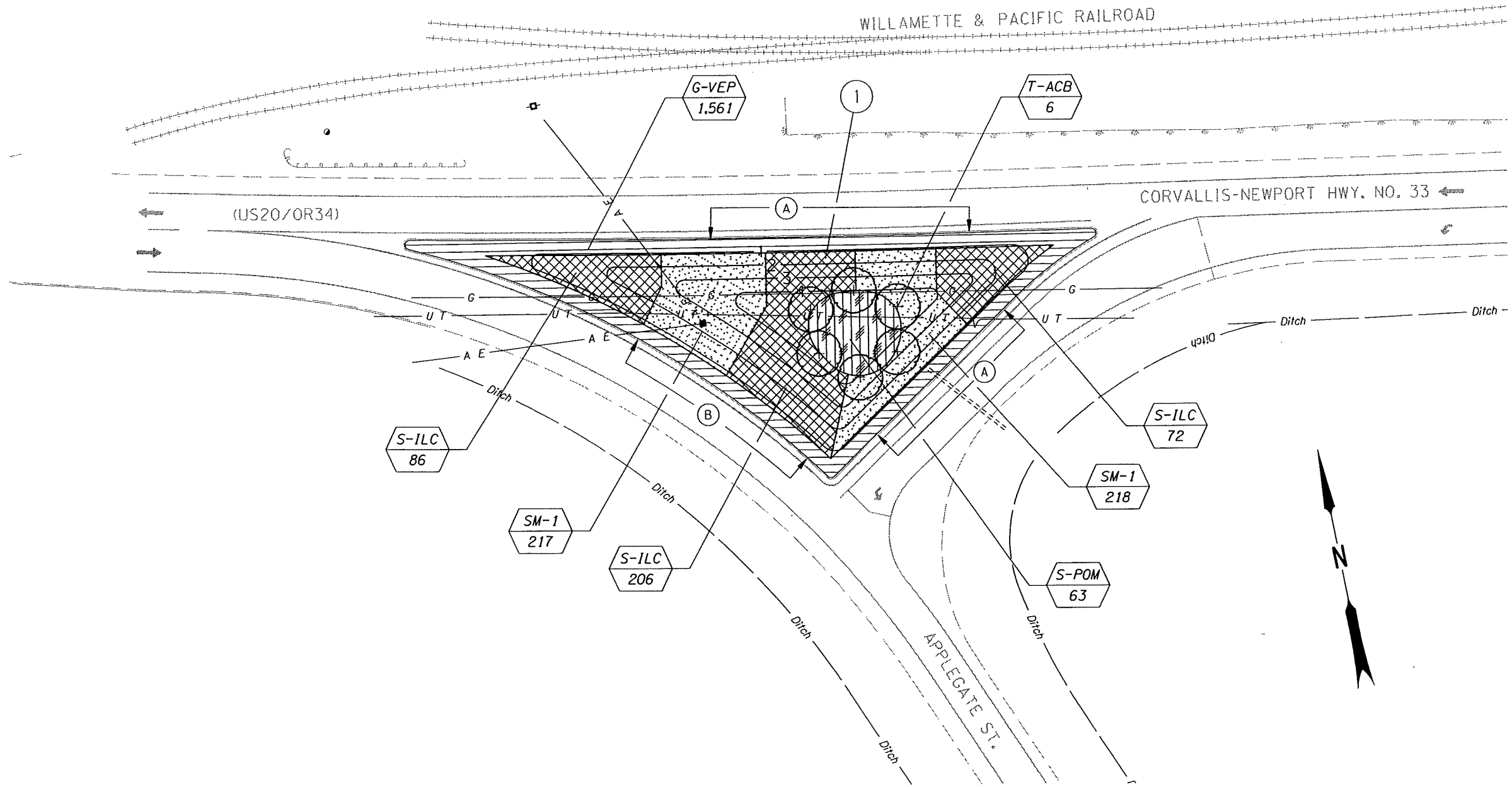
Checked by - Magnus Bernhardt  
 Designed By - Magnus Bernhardt & Beth E. Peterson  
 Drafted By - D. Gentner-Day

**ROADSIDE DEVELOPMENT PLAN**

SHEET NO. GN-9

PLANTING PLAN  
SEC. 11, T.12S., R.6W., W.M.

42V-212



① Prepare planting areas using Method "A". See Clear Zones chart, this sheet. After planting apply a uniform 3" depth of bark mulch throughout planting area - 84 cu.yds.

**LEGEND**

XXXX ← Plant key  
YY ← Quantity this area

Proposed elevation contour

Scale in Feet

**Note:**  
Extg. utility locations are approximate. Field verify all.

**General Note:**

⚠ Automatic irrigation system to be installed in this median prior to planting.

PLANT QUANTITIES THIS SHEET

TREES			
SYMB.	KEY	DESCRIPTION	QTY.
	T-ACA	Armstrong Maple	0
	T-AMG	Aut. Brill. Serviceberry	0
	T-ACB	Bowhall Maple	6
	T-THP	Virescens Arborvitae	0

SHRUBS			
SYMB.	KEY	DESCRIPTION	QTY.
	G-VEP	Georgia Blue Speedwell	1,561
	SM-1	Shrub Mix "1"	435
	S-ILC	Convexa Japanese Holly*	364
	S-POM	Sword Fern	63

\* Triangular spacing

CLEAR ZONES *	
(A)	20 ft.
(B)	30 ft.

\* Min. distance from curb to tree trunk

⚠ Revised 11-5-2009, Changed General Note Contents

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REGION 2 TECH CENTER

OR34/US20: NEWTON CREEK -  
JADE PLACE (PHILOMATH) PHASE 1 SEC.  
CORVALLIS - NEWPORT HIGHWAY  
BENTON COUNTY

Checked by - Magnus Bernhardt  
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Drafted By - D. Gentner-Day

ROADSIDE DEVELOPMENT PLAN  
SHEET NO. GN-10