



# Oregon

Theodore R. Kulongoski, Governor

Department of Transportation  
Technical Services  
Roadway Engineering Section  
355 Capitol Street NE, Room 222  
Salem, OR 97301-3871  
Telephone 503-986-3714  
FAX 503-986-3749

DATE: November 13, 2009

**Addenda No. 3**

TO: PLAN HOLDERS

PREPARED BY: Michael Green

APPROVED BY: Randy Shannon, P.E.

SUBJECT: Gresham Fairview Trail: Burnside-Springwater  
Gresham-Fairview Trail  
Multnomah County  
Grading, Structures, Paving, Signing, Illumination, Signals, & Roadside  
Development  
(Bids to be opened and read November 19, 2009)

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

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

a. Quantity Changes

Number	Item	Quantity	
		Original	New
0810	Deciduous Trees, ½ inch Caliper	460	534
0830	Deciduous Trees, No. 1 Container	38	22
0840	Shrubs, No. 1 Container	3500	3077

b. Deleted Items.

Number	Item
0820	Deciduous Trees, ¾ inch Caliper

c. Added items:

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
0970	Deciduous Trees, 2 Inch Caliper	Each	2
0980	Groundcovers, No. 1 Container	Each	60

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

2. Subsection 00970.90 Payment – This subsection is added after subsection 00970.80:

**00970.90 Payment** – Add the following paragraph after the sentence that begins with Item (a) includes all concrete foundations for lighting poles.

Item (e) includes installing wire and making connections between the luminaries and the power source.

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

**Plan Sheets 1A, LS-1, LS-2, LS-3, LS-4, are replaced with revised plan sheets 1A, LS-1.**

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.

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
---------	------------------	--------------------	----------------------------	----------------------------

SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0100-0101000T TRAINING	HOUR 360.00	20.00	7200.00
0020	0210-0100000A MOBILIZATION	LS ALL		
0030	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS ALL		
0040	0225-0102000J TEMPORARY SIGNS	SQFT 506.00		
0050	0225-0104000E TEMPORARY BARRICADES, TYPE II	EACH 4.00		
0060	0225-0126000F TEMPORARY CONCRETE BARRIER, REFLECTORIZED	FOOT 560.00		
0070	0225-0132000F MOVING TEMPORARY CONCRETE BARRIER	FOOT 560.00		
0080	0225-0133000E TEMPORARY IMPACT ATTENUATOR	EACH 2.00		
0090	0225-0136000E MOVING TEMPORARY IMPACT ATTENUATORS	EACH 2.00		
0100	0225-0141200E REPAIR TEMPORARY IMPACT ATTENUATOR	EACH 1.00		
0110	0225-0145000E TEMPORARY PLASTIC DRUMS	EACH 8.00		
0120	0225-0168000T FLAGGERS	HOUR 500.00		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0130	0270-0100000F TEMPORARY TYPE 1 FENCE	500.00 FOOT		
0140	0280-0100000A EROSION CONTROL	ALL LS		
0150	0280-0110000E CONSTRUCTION ENTRANCE	5.00 EACH		
0160	0280-0112000F SEDIMENT FENCE, SUPPORTED	250.00 FOOT		
0170	0280-0113000F SEDIMENT FENCE, UNSUPPORTED	3,300.00 FOOT		
0180	0280-0114000E INLET PROTECTION	6.00 EACH		
0190	0290-0100000A POLLUTION CONTROL PLAN	ALL LS		

SECTION 0002 ROADWORK

0200	0310-0106000A REMOVAL OF STRUCTURES AND OBSTRUCTIONS	ALL LS		
0210	0310-0119000F ASPHALT PAVEMENT SAW CUTTING	1,130.00 FOOT		
0220	0320-0100000A CLEARING AND GRUBBING	ALL LS		
0230	0330-0123000K EMBANKMENT IN PLACE	5,500.00 CUYD		
0240	0330-9Z90000M EXCAVATE AND REMOVE CONTAMINATED SOIL	100.00 TON		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0250	0331-0106000J 12 INCH SUBGRADE STABILIZATION	100.00 SQYD		

SECTION 0003 DRAINAGE

0260	0490-0100000E ADJUSTING BOXES	3.00 EACH		
0270	0490-0120000E MINOR ADJUSTMENT OF MANHOLES	7.00 EACH		
0280	0490-0121000E MAJOR ADJUSTMENT OF MANHOLES	7.00 EACH		
0290	0490-9Z90000E MAJOR ADJUSTMENT OF VAULTS	3.00 EACH		

SECTION 0004 BRIDGES POWELL BLVD CROSSING

0300	0510-0101000A STRUCTURE EXCAVATION	ALL LS		
0310	0510-0106000A GRANULAR WALL BACKFILL	ALL LS		
0320	0520-0100000A FURNISH PILE DRIVING EQUIPMENT	ALL LS		
0330	0520-0119000F FURNISH PP 12-3/4 X 0.5 STEEL PILES	1,020.00 FOOT		
0340	0520-0304000E DRIVE PP 12-3/4 X 0.5 STEEL PILES	26.00 EACH		
0350	0520-0415000E PP 12-3/4 X 0.5 STEEL PILE SPLICES	13.00 EACH		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0360	0530-010000A REINFORCEMENT	LS ALL		
0370	0540-0101000A FOUNDATION CONCRETE, CLASS 3300	LS ALL		
0380	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	LS ALL		
0390	0550-0139000F 30 INCH PRECAST PRESTRESSED SLABS	FOOT 708.00		
0400	0583-0105000F 2 INCH ELECTRICAL CONDUIT	FOOT 455.00		
0410	0587-0114000A CONCRETE PARAPET	LS ALL		

SECTION 0005 FAIRVIEW CREEK BRIDGE #21156

0420	0510-0101000A STRUCTURE EXCAVATION	LS ALL		
0430	0510-0106000A GRANULAR WALL BACKFILL	LS ALL		
0440	0530-0100000A REINFORCEMENT	LS ALL		
0450	0540-0101000A FOUNDATION CONCRETE, CLASS 3300	LS ALL		
0460	0540-0301000A GENERAL STRUCTURAL CONCRETE, CLASS 3300	LS ALL		
0470	0550-0135000F 15 INCH PRECAST PRESTRESSED SLABS	FOOT 148.00		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0480	0587-0127000A PEDESTRIAN RAIL	LS ALL		

SECTION 0006 MISCELLANEOUS STRUCTURES - RETAINING WALL

0490	0596-0103000J RETAINING WALL, CONVENTIONAL SEGMENTAL	SQFT 1,000.00		
------	--	---------------	--	--

SECTION 0007 BASES

0500	0640-0100000M AGGREGATE BASE	TON 6,700.00		
------	---------------------------------	--------------	--	--

SECTION 0008 WEARING SURFACES

0510	0744-0202000M LEVEL 2, 1/2 INCH DENSE MHMAC MIXTURE	TON 170.00		
0520	0744-0301000M LEVEL 3, 3/4 INCH DENSE MHMAC MIXTURE	TON 200.00		
0530	0744-9Z90000M LEVEL 1, 1/2 INCH OPEN MHMAC MIXTURE	TON 2,100.00		
0540	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
0550	0749-0100000E EXTRA FOR ASPHALT APPROACHES	EACH 6.00		
0560	0759-0110000F CONCRETE CURBS, STANDARD CURB	FOOT 265.00		
0570	0759-0122000J CONCRETE ISLANDS	SQFT 100.00		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0580	0759-0128000J CONCRETE WALKS	SQFT 4,650.00		
0590	0759-0161000F METAL HANDRAIL, 2 RAILS	FOOT 235.00		
0600	0759-9Z90000F PEDESTRIAN RAIL (STYLE BR246)	FOOT 125.00		
0610	0760-0100000J UNIT PAVERS	SQFT 3,400.00		

SECTION 0009 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0620	0815-0100000E BOLLARDS	EACH 12.00		
0630	0830-0118000E IMPACT ATTENUATOR, TYPE E	EACH 2.00		
0640	0851-0101000F PAVEMENT LINE REMOVAL	FOOT 2,000.00		
0650	0851-0103000E PAVEMENT LEGEND REMOVAL	EACH 2.00		
0660	0860-0200000F LONGITUDINAL PAVEMENT MARKINGS - PAINT	FOOT 1,000.00		
0670	0865-9Z90000E PAVEMENT LEGEND, TYPE B: STOP HERE	EACH 2.00		
0680	0867-0103000E PAVEMENT LEGEND, TYPE B: ARROWS	EACH 5.00		
0690	0867-0131000E PAVEMENT LEGEND, TYPE B-HS: BICYCLE LANE STENCIL	EACH 5.00		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0700	0867-0145000J PAVEMENT BAR, TYPE B	50.00 SQFT		

SECTION 0010 PERMANENT TRAFFIC CONTROL AND ILLUMINATION SYSTEMS

0710	0910-0100000K WOOD SIGN POSTS	107.00 FBM		
0720	0920-0100000A SIGN SUPPORT FOOTINGS	ALL LS		
0730	0930-0117000A PERFORATED STEEL SQUARE TUBE SIGN SUPPORTS	ALL LS		
0740	0940-0121000J TYPE "R" SIGNS IN PLACE	8.00 SQFT		
0750	0940-0124000J TYPE "W1" SIGNS IN PLACE	24.00 SQFT		
0760	0940-0134000J TYPE "Y1" SIGNS IN PLACE	42.00 SQFT		
0770	0970-0104000A LUMINAIRES, LAMPS, AND BALLASTS	ALL LS		
0780	0970-0105000A SWITCHING, CONDUIT, AND WIRING	ALL LS		
0790	0990-9Z90000A PEDESTRIAN ACTUATED OVERHEAD SIGN INSTALLATION	ALL LS		

SECTION 0011 RIGHT OF WAY DEVELOPMENT AND CONTROL

0800	1030-0108000R PERMANENT SEEDING	3.00 ACRE		
------	------------------------------------	--------------	--	--

## BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0810	1040-0124000E DECIDUOUS TREES, 1/2 INCH CALIPER	534.00 EACH		
0820	0000-0100000A DELETED BID ITEM	ALL LS	0.00	0.00
0830	1040-0147000E DECIDUOUS TREES, NO. 1 CONTAINER	22.00 EACH		
0840	1040-0153000E SHRUBS, NO. 1 CONTAINER	3,077.00 EACH		
0850	1040-0183000E WETLAND PLANTS, PLUGS	1,100.00 EACH		
0860	1040-0185000E WETLAND PLANTS, MEDIUM CONTAINER	254.00 EACH		
0870	1040-9Z90000A LANDSCAPE RESTORATION ON POWELL	ALL LS		
0880	1050-0129000F CL-4R CHAIN-LINK FENCE	75.00 FOOT		
0890	1050-0137000F CL-6R CHAIN-LINK FENCE	100.00 FOOT		
0900	1050-0141000F CL-8R CHAIN-LINK FENCE	1,782.00 FOOT		
0910	1050-0198000E 12 FOOT X 48 INCH CHAIN-LINK DOUBLE GATES	1.00 EACH		
0920	1050-9Z90000E 4 FOOT X 96 INCH CHAIN LINK DOUBLE GATE	4.00 EACH		
0930	1050-9Z90000F 6 FOOT TYPE DECORATIVE PROTECTIVE FENCE	354.00 FOOT		

BID SCHEDULE

CONTRACT ID: 14136

PROJECT: GRESHAM FAIRVIEW TRAIL:  
BURNSIDE-SPRINGWATER SECTION

PROJECT KEY: 15447

ADDENDUM NUMBER: 3

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0940	1050-9Z90000F CL-10R CHAIN LINK FENCE WITH BLACK VINYL PICKETS	2,200.00 FOOT		
SECTION 0012 ADDED BID ITEMS				
0950	0760-9Z90000J TURF PAVER SLOPE PROTECTION	3,000.00 SQFT		
0960	0970-9Z90000A INSTALL POST MOUNTED ILLUMINATION CONTROL CABINET	ALL LS		
0970	1040-0130000E DECIDUOUS TREES, 2 INCH CALIPER	2.00 EACH		
0980	1040-0171000E GROUNDCOVERS, NO. 1 CONTAINER	60.00 EACH		
TOTAL BID				

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
D-1	DETAILS
D-2	DETAILS
E-1	TRI-MET FENCE DETAIL
E-2	TRI-MET SIGNAL BONDING
T-1	PLAN/PROFILE 0+00-4+50
T-2	PLAN/PROFILE 4+50-10+50
T-3	PLAN/PROFILE 10+50-16+50
T-4	PLAN/PROFILE 16+50-22+40
T-5	PLAN/PROFILE 22+40-27+80
T-6	PLAN/PROFILE 27+80-33+50
T-7	PLAN/PROFILE 33+50-39+00
T-8	PLAN/PROFILE 39+70-45+00
T-9	PLAN/PROFILE 45+00-50+90
T-10	PLAN/PROFILE 50+90-56+50
T-11	PLAN/PROFILE 56+50-62+40
T-12	PLAN/PROFILE 62+40-68+30
T-13	PLAN/PROFILE 68+30-73+20
T-14	PLAN/PROFILE 73+20-78+80
T-15	PLAN/PROFILE 78+80-84+40
T-16	PLAN/PROFILE 84+40-90+00
T-17	PLAN/PROFILE 90+00-96+00
T-18	PLAN/PROFILE 96+00-101+00
T-19	PLAN/PROFILE 101+00-103+97

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
S-1	PEDESTRIAN ACTUATED X-ING
S-2	PEDESTRIAN ACT. DETAILS
S-3	POLE DRAWING/DETAILS
S-4	SIGNING & STRIPING ON DIVISION
EC-1	GRADING & ESC 0+00-17+20
EC-2	GRADING & ESC 17+20-32+40
EC-3	GRADING & ESC 23+40-55+00
EC-4	GRADING & ESC 55+00-83+40
EC-5	GRADING & ESC 83+40-99+00
EC-6	GRADING & ESC NOTES
EC-7	GRADING & ESC DETAILS
LS-1	LANDSCAPE LEGEND & DETAILS
	3
WL-1	WETLAND MITIGATION

INDEX OF SHEETS, CONT'D.	
SHEET NO.	DESCRIPTION
DT-1	BRIDGE - ROADWAY DETAILS
TC-1	BRIDGE - TRAFFIC CONTROL
TC-1A	BRIDGE - TRAFFIC CONTROL
TC-2	BRIDGE - TRAFFIC CONTROL
TC-3	BRIDGE - TRAFFIC CONTROL
TC-3A	BRIDGE - TRAFFIC CONTROL
POWELL BRIDGE	
82795	PLAN & ELEVATION
82796	GENERAL NOTES & TYP. SECTIONS
82797	FOUNDATION DATA
82798	FOUNDATION PLAN
82799	SLAB DETAILS
82800	BENT 3 PLAN & ELEVATION
82801	BENT 2 PLAN & ELEVATION
82802	MISC. BENT DETAILS
82803	WINGWALL DETAILS
82804	RAIL DETAILS
82805	RAIL DETAILS 2
FAIRVIEW CREEK BRIDGE	
82806	PLAN & ELEVATION
82807	GENERAL NOTES & TYP. SECTIONS
82808	FOUNDATION DATA
82809	SLAB DETAILS
82810	BENT 2 PLAN & ELEVATION
82811	MISCELLANEOUS DETAILS

Oregon Standard Drawing Nos.

- RD302 Street Cut
- RD700 Curbs
- RD705 Islands
- RD706 Traffic Separators and Transitions
- RD720 Sidewalk
- RD725 Driveways
- RD730 Driveways
- RD735 Driveways
- RD740 Driveways
- RD745 Driveways
- RD750 Driveways
- RD755 Sidewalk Ramps
- RD759 Truncated Dome
- RD770 Pedestrian Handrail
- RD771 Pedestrian Handrail
- RD815 Chain Link Fence
- BR246 Pedestrian Rail

Oregon Standard Drawing Nos.

- RD1000 Construction Entrances
- RD1005 Check Dams
- RD1010 Inlet Protection
- RD1015 Inlet Protection
- RD1020 Inlet Protection
- RD1025 Sediment Barrier
- RD1030 Sediment Barrier
- RD1035 Sediment Barrier
- RD1040 Sediment Fence
- TM215 Wood Sign Support
- TM501 Pavement Markings
- TM300 Illumination Control Cabinets
- TM502 Pavement Markings
- TM800 Tables, Abrupt Edge and PCMS Details
- TM831 Temporary Impact Attenuators
- TM832 Temporary Impact Attenuators
- TM851 Non-Freeway Multi-Lane Sections
- TM852 Non-Freeway Multi-Lane Sections

Oregon Standard Drawing Nos.

- TM467 Pedestrian Signal and Push Button Details
- TM472 Junction Boxes
- TM475 Loop Details
- TM480 Loop Entrance Details
- TM482 Controller Cabinet
- BR405 15" Precast Prestressed Slab
- BR422 30" Precast Prestressed Slab
- BR445 Precast Prestressed Boxes and Slab Details
- BR970 Luminaire Base on Structures w/ Mounting Details

REVISIONS	
1	REVISED 10-29-2009 ADD DETAIL FOR TRAFFIC SIGNAL EQUIPMENT
2	REVISED 11-5-2009 ADD DETAIL FOR ILLUMINATION CONTROL CABINETS
3	REVISED 11-13-09 REMOVED SHEETS LS-2, LS-3 & LS-4

<b>OREGON DEPARTMENT OF TRANSPORTATION</b>	
City of Gresham - Transportation Division	
Gresham Fairview Trail: Burnside-Springwater Section Gresham-Fairview Trail City of Gresham Multnomah County	
Design Team Leader - Randy Shannon Designed By - Mike Green Drafted By - Alan Benoit	
Index Sheet	SHEET NO. 1A

The following species, quantities and sizes of trees and shrubs will be planted in Plants Groups A-Z Plant using Section 1040.48 method (b). (B) Plant Between the Trees

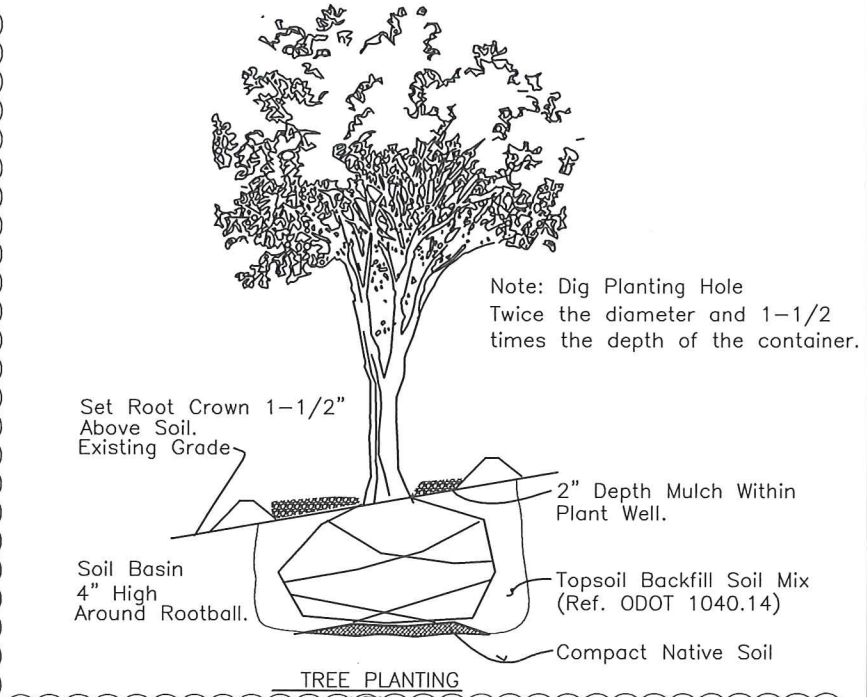
Plant Group	Common Name	Quantity	Size	Spacing	Plant Group	Common Name	Quantity	Size	Spacing
A	Red Flowering Currant	9	1 Gal.	6' OC	M	Cascara Buckthorn	6	1/2" Cal	10' OC
340 LF	Vine Maple	8	1 Gal.	12' OC	60 LF	(B) Manzanita/Kinnikinnick Hybrid	12	1 Gal.	6' OC
	Saskatoon Serviceberry	8	1 Gal.	6' OC	N	Bald Hip Rose/Dwarf Rose	10	1 Gal.	3' OC
	Vine Maple	8	1 Gal.	12' OC	30 LF				
	Red Flowering Currant	9	1 Gal.	6' OC	P	Douglas Hawthorne	28	1/2" Cal	10' OC
	Saskatoon Serviceberry	8	1 Gal.	6' OC	280 LF	(B) Black Currant	56	1 Gal.	3' OC
B	Manzanita/Kinnikinnick Hybrid	5	1 Gal.	6' OC	Q	Ocean Spray	5	1 Gal.	8' OC
30 LF					200 LF	Chokecherry	12	1/2" Cal	10' OC
						Ocean Spray	5	1 Gal.	8' OC
C	Thimbleberry	20	1 Gal.	3' OC	R	Red Twig Dogwood	8	1 Gal.	6' OC
270 LF	Tall Oregon Grape	10	1 Gal.	3' OC	138 LF	Red Flowering Currant	11	1 Gal.	6' OC
	Snowberry	20	1 Gal.	3' OC		Red Twig Dogwood	4	1 Gal.	6' OC
	Tall Oregon Grape	20	1 Gal.	3' OC	T	Tall Oregon Grape	8	1 Gal.	3' OC
	Baldhip Rose/Dwarf Rose	20	1 Gal.	3' OC	75 LF	Snowberry	8	1 Gal.	3' OC
D	Douglas Spirea	20	1 Gal.	3' OC		Douglas Spirea	3	1 Gal.	3' OC
300 LF	Chokecherry	15	1/2" Cal	10' OC		Manzanita/Kinnikinnick Hybrid	3	1 Gal.	6' OC
	Baldhip Rose/Dwarf Rose	30	1 Gal.	3' OC	U	Snowberry	6	1 Gal.	3' OC
E	Douglas Hawthorne	20	1/2" Cal	10' OC	48 LF	Sala	3	1 Gal.	4' OC
380 LF	Douglas Spirea	20	1 Gal.	3' OC		Manzanita/Kinnikinnick Hybrid	3	1 Gal.	6' OC
	Cascara Buckthorn	12	1/2" Cal	10' OC	V	Chokecherry	6	1/2" Cal	10' OC
F	Red Flowering Currant	8	1 Gal.	6' OC	120 LF	Cascara Buckthorn	6	1/2" Cal	10' OC
48 LF					W	Red Twig Dogwood	4	1 Gal.	6' OC
G	Tall Oregon Grape	20	1 Gal.	3' OC	120 LF	Vine Maple	3	1 Gal.	12' OC
330	Thimbleberry	20	1 Gal.	3' OC		Red Twig Dogwood	4	1 Gal.	6' OC
	Snowberry	30	1 Gal.	3' OC		Vine Maple	3	1 Gal.	12' OC
	Thimbleberry	20	1 Gal.	3' OC	X	Red Flowering Currant	3	1 Gal.	6' OC
	Tall Oregon Grape	20	1 Gal.	3' OC	118 LF	Saskatoon Serviceberry	4	1 Gal.	6' OC
H	Black Twinberry	24	1 Gal.	4' OC		Ocean Spray	5	1 Gal.	8' OC
300 LF	Red Twig Dogwood	17	1 Gal.	6' OC		Red Flowering Currant	3	1 Gal.	6' OC
	Red Elderberry	17	1 Gal.	6' OC	Y	Saskatoon Serviceberry	3	1 Gal.	6' OC
J	Douglas Hawthorne	14	1/2" Cal	10' OC	282 LF	Tall Oregon Grape	20	1 Gal.	3' OC
420 LF	Ocean Spray	20	1 Gal.	8' OC		Thimbleberry	20	1 Gal.	3' OC
	Cascara Buckthorn	12	1/2" Cal	10' OC		Bald Hip Rose/Dwarf Rose	10	1 Gal.	3' OC
K	Tall Oregon Grape	15	1 Gal.	3' OC		Thimbleberry	20	1 Gal.	3' OC
310 LF	Douglas Hawthorne	22	1/2" Cal	10' OC		Manzanita/Kinnikinnick Hybrid	6	1 Gal.	6' OC
	(B) Black Currant	73	1 Gal.	3' OC	Z	Bald Hip Rose/Dwarf Rose	20	1 Gal.	3' OC
	Tall Oregon Grape	15	1 Gal.	3' OC	240 LF	Tall Oregon Grape	30	1 Gal.	3' OC
L	Snowberry	20	1 Gal.	3' OC		Black Currant	30	1 Gal.	3' OC
190 LF	Evergreen Huckleberry	10	1 Gal.	4' OC					
	Thimbleberry	20	1 Gal.	3' OC					
	Baldhip Rose/Dwarf Rose	10	1 Gal.	3' OC					

Plant Groups A-Z shall be planted at the Stations Indicated.

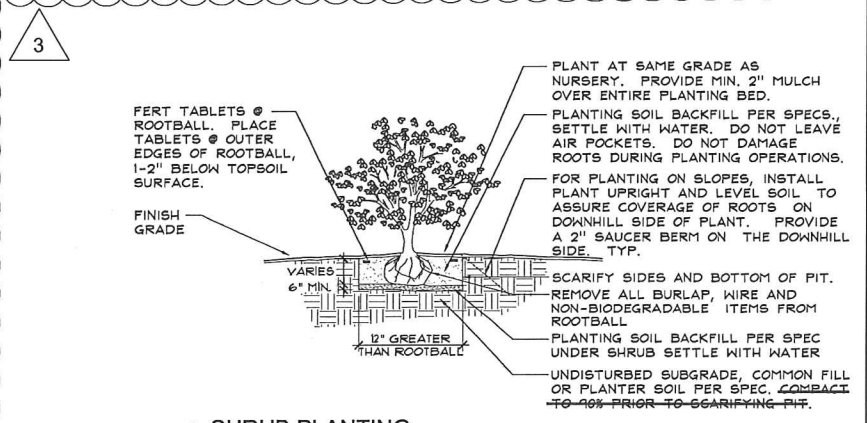
From Station	To Station	Offset from Trail CL	Plant Group	Repetitions
1 + 71	To 5 + 11	8.5 LT	A	1
5 + 11	To 14 + 41	8.5 LT	B	31
14 + 41	To 19 + 81	8.5 LT	C	2
19 + 81	To 22 + 81	8.5 LT	D	1
23 + 30	To 27 + 10	8.5 LT	E	1
27 + 10	To 30 + 10	8.5 LT	D	1
30 + 10	To 33 + 90	8.5 LT	E	1
33 + 90	To 35 + 90	8.5 LT	Q	1
35 + 90	To 36 + 50	8.5 LT	M	1
<b>Division Street</b>				
40 + 40	To 48 + 80	35 LT	J	2
40 + 40	To 48 + 80	23 LT	J	2
39 + 90	To 40 + 38	8.5 LT	F	1
40 + 38	To 46 + 98	8.5 LT	G	2
46 + 98	To 47 + 46	8.5 LT	F	1
47 + 46	To 48 + 66	8.5 LT	M	2
48 + 66	To 53 + 46	8.5 LT	Z	2
53 + 46	To 54 + 36	8.5 LT	N	3
54 + 36	To 71 + 16	8.5 LT	P	6
71 + 16	To 80 + 46	8.5 LT	K	3
80 + 46	To 81 + 84	8.5 LT	R	1
81 + 84	To 83 + 34	8.5 LT	T	2
<b>Powell Sidewalk to Trail</b>				
83 + 50	To 85 + 90	8.5 LT	V	2
<b>Bridge</b>				
87 + 60	To 88 + 80	8.5 LT	V	1
88 + 80	To 89 + 98	8.5 LT	X	1
89 + 98	To 90 + 28	8.5 LT	B	1
<b>Driveway</b>				
90 + 80	To 93 + 20	8.5 LT	Z	1
93 + 20	To 98 + 84	8.5 LT	Y	2
<b>Springwater Trail</b>				
<b>Divison Street</b>				
47 + 70	To 59 + 70	8.5 RT	Z	5
59 + 70	To 61 + 60	8.5 RT	L	1
61 + 60	To 62 + 56	8.5 RT	F	2
62 + 56	To 64 + 46	8.5 RT	L	1
64 + 46	To 65 + 21	8.5 RT	T	1
65 + 21	To 67 + 11	8.5 RT	L	1
67 + 11	To 67 + 71	8.5 RT	O	2
67 + 71	To 69 + 61	8.5 RT	L	1
69 + 61	To 70 + 21	8.5 RT	N	2
70 + 21	To 74 + 1	8.5 RT	L	2
74 + 1	To 75 + 21	8.5 RT	W	1
75 + 21	To 81 + 21	8.5 RT	H	2
81 + 21	To 83 + 11	8.5 RT	L	1
<b>PPL Access</b>				
83 + 50	To 84 + 28	8.5 RT	V	2
<b>Powell Bridge</b>				
87 + 70	To 88 + 90	8.5 RT	V	1
88 + 90	To 90 + 28	8.5 RT	R	1

**Traffic Island Landscape Materials**

Blue Oat Grass	60	No. 1
Amangawa Flowering Cherry	2	2" Cal.
<b>Trail Trees</b>		
Acer Circinatum		
Vine Maple	22	1 Gal.
Crataegus Douglasii		
Douglas Hawthorne	330	1/2" Cal
Prunus Virginiana		
Chokecherry	78	1/2" Cal
Rhamnus Purshiana		
Cascara Buckthorn	126	1/2" Cal
<b>Trail Shrubs</b>		
Amelanchier Ainifolia		
Saskatoon Serviceberry	23	1 Gal.
Arctostaphylos x media		
Manzanita/Kinnikinnick Hybrid	232	1 Gal.
Comus sericia		
Red Twig Dogwood	285	1 Gal.
Gaultheria shallon		
Sala	3	1 Gal.
Holidiscus discolor		
Ocean Spray	85	1 Gal.
Lonicera involucrata		
Black Twinberry	48	1 Gal.
Mahonia aquifolium		
Tall Oregon Grape	534	1 Gal.
Ribes Lacustre		
Black Currant	586	1 Gal.
Ribes saguineum		
Red Flowering Currant	78	1 Gal.
Rosa gymnocarpa		
Bald Hip Rose/Dwarf Rose	400	1 Gal.
Rubus pariflorus		
Thimbleberry	340	1 Gal.
Sambucus racemosa		
Red Elderberry	34	1 Gal.
Spirea douglasii		
Douglas Spirea	89	1 Gal.
Symphoricarpos albus		
Snowberry	270	1 Gal.
Vaccinium ovalum		
Evergreen Huckleberry	70	1 Gal.



ALL TREES SHALL BE BRANCHED: ALL BRANCHES SHALL BE HEADED AT 12" MINIMUM HEIGHT. TO HELP REDUCE PRUNING, ORIENT TREES WHEN PLANTING SO THAT DOMINANT BRANCHES ARE PARALLEL TO THE TRAIL



**Traffic Island Landscape Materials**

60-No. 1 Containers-Blue Oat Grass  
2-2" Caliper-Amangawa Flowering Cherry

TRAFFIC ISLAND BED SHALL BE PREPARED WITH METHOD "A" ODOT SPECIFICATION 1040.98



**REVISIONS**

3	REVISED 11-13-2009 REVISED PLANTING LIST AND NOTES
---	---

**OREGON DEPARTMENT OF TRANSPORTATION**

City of Gresham - Transportation Division

Gresham Fairview Trail: Burnside-Springwater Section  
Gresham-Fairview Trail  
City of Gresham  
Multnomah County

Design Team Leader - Randy Shannon  
Designed By - Mike Green  
Drafted By - Alan Benoit

LANDSCAPE-LEGEND/DETAILS

SHEET NO. LS-1