REICHHARDT & EBE ENGINEERING, INC.
CONSULTING ENGINEERS

TRANSMITTAL

TO: ALL BIDDERS	FROM: Luis Ponce, P.E.
COMPANY:	DATE: 7/23/09
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
PHONE NUMBER:	SENDER'S PHONE NUMBER: (360) 354-3687
RE: City of Ferndale Addendum 1 2nd Avenue Extension Project FEDERAL AID NO. ARRA - 8037(001) CONTRACT NO. TA - 3960	SENDER'S FAX NUMBER: (360) 354-0407

ADDENDUM 1

2nd AVENUE EXTENSION PROJECT
FEDERAL AID NO. ARRA - 8037(001)
CONTRACT NO. TA - 3960

To the attention of all bidders for the above project:

Please find the enclosed Addendum No. 1 for the above referenced project.

The enclosed ADDENDUM is to be considered as much a part of the Contract Documents as if it were included in the body of the plans and specifications, and will be incorporated in and made a part of the contract when awarded and when formally executed.

The Bidder shall acknowledge in writing, on the bid form, this addendum in order to have the bid considered.

Luis Ponce, P.E.

423 FRONT STREET
LYNDEN, WASHINGTON 98264
360-354-3687

ADDENDUM NO. 1

To the Contract Provisions for
City of Ferndale, Washington

2nd AVENUE EXTENSION PROJECT
FEDERAL AID NO. ARRA - 8037(001)
CONTRACT NO. TA - 3960

ITEM 1

The Bid Proposal Form is replaced in its entirety with the attached **REVISED BID PROPOSAL FORM.** Only bids submitted on the **REVISED BID PROPOSAL FORM** will be considered responsive.

Bid Proposal Form, ITEM NO. 3, 'Roadway Surveying' has been added to the Bid Proposal Form.

Bid Proposal Form, ITEM NO. 6, the quantity for 'Flaggers and Spotters' has been reduced and a bid amount has been established.

Bid Proposal Form, ITEM NO. 7, 'Other Traffic Control Labor', a bid amount has been established.

Bid Proposal Form, ITEM NO. 9, 'Traffic Control Supervisor' has been added to the Bid Proposal Form and a bid amount has been established.

Bid Proposal Form, ITEM NO. 17, the quantity for 'Roadway Excavation Including Haul' has been increased.

Bid Proposal Form, ITEM NO. 31, 'Grade Existing Roadway' has been revised to read 'Grade Existing Roadbed'.

Bid Proposal Form, ITEM NO. 19, the quantity for 'Unsuitable Foundation Excavation Including Haul' has been increased.

Bid Proposal Form, ITEM NO. 20, the quantity for 'Unsuitable Foundation Excavation Including Haul and Repair' has been increased.

Bid Proposal Form, ITEM NO. 21, the quantity for 'Embankment Compaction' has been increased.

Bid Proposal Form, ITEM NO. 23, the quantity for 'Structure Excavation Cl B Including Haul' has been decreased.

Bid Proposal Form, ITEM NO. 28, the quantity for 'Crushed Surfacing Top Course' has been increased.

Bid Proposal Form, ITEM NO. 68, 'Cement Concrete Pedestrian Curb' has been added to the Bid Proposal Form.

Bid Proposal Form, ITEM NO. 90, 'Conduit Pipe 2 In. Diameter' has been added to the Bid Proposal Form.

Bid Proposal Form, Schedule C, ITEM NO. 125, the quantity for 'Gravel Base' has been decreased.

Bid Proposal Form, Schedule C, ITEM NO. 128, the quantity for 'Stovepipe Watermains' has been increased.

Bid Proposal Form, Schedule C1, ITEM NO. 145, the quantity for 'Gravel Base' has been decreased.

Bid Proposal Form, Schedule C1, ITEM NO. 146, the quantity for '12-Inch D.I. Pipe for Water Main' has been decreased.

Bid Proposal Form, Schedule D, ITEM NO. 165, 'ADA Parking Stall' has been revised to read 'Angled Accessible Parking Stall'.

Bid Proposal Form, ITEM NO. 200, 'Landscaping Stamped Concrete, Alternate A3' has been added to the Bid Proposal Form.

Bid Proposal Form, ITEM NO. 201, Landscaping Stamped Asphalt, Alternate A4' has been added to the Bid Proposal Form.

ITEM 2

The Prevailing Wage Rates sheets are replaced in its entirety with the attached updated Prevailing Wage Rates sheets.

ITEM 3

Plan Sheet 1

The following legend for the existing force main shall be added.

– – – – – – – – FM – – – – – – – – FM – – – – – – – –

ITEM 4

Plan Sheet 25

The attached Plan Sheet 25 dated Rev 7-23-09 shall replace the Plan Sheet 25 dated 7-08-09. Proposed improvements line work, such as proposed conduit and path, were removed.

ITEM 5

Plan Sheet 26

The attached Plan Sheet 26 dated Rev 7-23-09 shall replace the Plan Sheet 26 dated 7-08-09. Proposed alignments and grades were removed.

ITEM 6

Plan Sheet 28

The attached Plan Sheet 28 dated Rev 7-23-09 shall replace the Plan Sheet 28 dated 7-08-09. Proposed improvements line work, such as proposed conduit and path, were removed.

ITEM 7

Plan Sheet 57

The attached curve table shall replace the Curve Table on Plan Sheet 57. The "??????" shown in the original table were removed and corrected.

ITEM 8

Plan Sheet 65

The detail titled "Detail for Unsuitable Excavation Including Haul and Repair" is revised to read "Detail for Unsuitable Foundation Excavation Including Haul and Repair".

ITEM 9

Plan Sheet 66

The attached Plan Sheet 66 dated Rev 7-23-09 shall replace the Plan Sheet 66 dated 7-08-09. The utility trench details are revised and additional conduit information provided.

ITEM 10

Plan Sheet 67

The attached Plan Sheet 67 dated Rev 7-23-09 shall replace the Plan Sheet 67 dated 7-08-09. The concrete gutter call out was corrected, cement concrete gutter rebar spacing was corrected, construction geotextile was added to the typical sections, and the textured driveway detail was revised for clarification.

ITEM 11

Plan 72

The first bullet under the "Planting Notes" is revised to read:

- See Special Provisions for spraying recommendation

ITEM 12

Plan Sheet RS2 and RS3

The "4:1" fill slope callouts are revised to read "2:1"

ITEM 13

The sidewalk, roadway and other features at the 2nd Avenue crossing and the 2nd Avenue/Vista intersection shall be removed and reconstructed as shown in the attached drawing. This drawing is added to the Contract Documents.

ITEM 14

The attached detail for "Chain Link Fence Type 1 (Mod)" is added to the Contract Documents.

ITEM 15

DIVISION 1
GENERAL REQUIREMENTS

1-02 BID PROCEDURES AND CONDITIONS

1-02.6 Preparation of Proposal
Page 139, lines 1-48 and Page 140, lines 1-3 are deleted and replaced with the following:

(August 7, 2006)
Cumulative Alternates Bidding
This Bid Proposal requires the bidder to bid cumulative Alternates as part of the bid. As such the bidder is required to submit a Base Bid and a bid for each of the cumulative Alternate(s) A1, A2, A3, (etcetera.)

Bid Proposal
The bid proposal is composed of the following parts:

1. Base Bid
   The base bid shall include constructing all items included in the proposal *except* those items contained in the Alternate(s) A1, A2, A3, (etcetera.)

2. Alternate(s) A1, A2, A3, (etcetera)

   a. Alternate A1
      Based on constructing (*** $$ landscaping along the roadway median, roundabout, roadway planter strip; landscaping park area with shrubs and bushes; and constructing a parkway path $$ ***)
      The bid items for Alternate A1 are as listed in the bid proposal and 8-02.

   b. Alternate A2
      Based on constructing (*** $$ landscaping along the roadway median, roundabout, and roadway planter strip; and constructing a parkway path $$ ***)
      The bid items for Alternate A2 are as listed in the bid proposal and 8-02.

   c. Alternate A3
      Based on constructing (*** $$ Stamped Concrete (4" thick/2 color) for Esplinades & Islands $$ ***)
      The bid items for Alternate A3 are as listed in the bid proposal and 8-02.

   d. Alternate A4
      Based on constructing (*** $$ Stamped Asphalt (4" thick) for Esplinades & Islands $$ ***)
      The bid items for Alternate A4 are as listed in the bid proposal and 8-02.

Bidding Procedures
To be considered responsive the bidder shall submit a price on each and every item of work included in the Base Bid and all Alternate(s.)

Award Procedures
The successful bidder will be the bidder submitting the lowest responsible bid for the preference, listed in the order below, which is within the amount of Available Funds for the project to be announced at the time of the bid opening. Available Funds will be announced immediately prior to the opening of bids.

1. Preference 1: Lowest total for (Base Bid plus Alternate A1 plus Alternate A3)

2. Preference 2: Lowest total for (Base Bid plus Alternate A1 plus Alternate A4)

3. Preference 3: Lowest total for (Base Bid plus Alternate A2 plus Alternate A3)

4. Preference 4: Lowest total for (Base Bid plus Alternate A2 plus Alternate A4)

5. Preference 5: Lowest total for Base Bid

In any case, the award will be subject to the requirements of Section 1-03.

Bid proposals shall be signed in full by the person or persons legally authorized to bind the bidder to a contract. A bid by a corporation shall further give the state of incorporation and have the corporate seal affixed. A bid submitted by an agent shall have attached a current power of attorney certifying the agent's authority to bind the Bidder. The name of each person signing shall be typed or printed below the signature.

ITEM 16

DIVISION 1
GENERAL REQUIREMENTS

1-05 CONTROL OF WORK

1-05.4 Conformity With and Deviations From Plans and Stakes
Page 145, lines 41-44 and Page 146, lines 1-43 are deleted and replaced with the following:

(April 7, 2008)
Contractor Surveying - Roadway
Copies of the Contracting Agency provided primary survey control data are available for the bidder's inspection at the office of the Project Engineer.

The Contractor shall be responsible for setting, maintaining, and resetting all alignment stakes, slope stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization and pavement marking, illumination and signals, guardrails and barriers, and signing. Except for the survey control data to be furnished by the Contracting Agency, calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility.

Detailed survey records shall be maintained, including a description of the work performed on each shift, the methods utilized, and the control points used. The record shall be adequate to allow the survey to be reproduced. A copy of each day's record shall be provided to the Engineer within three working days after the end of the shift.

The meaning of words and terms used in this provision shall be as listed in "Definitions of Surveying and Associated Terms" current edition, published by the American Congress on Surveying and Mapping and the American Society of Civil Engineers.

The survey work shall include but not be limited to the following:

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.

2. Establish, the centerlines of all alignments, by placing hubs, stakes, or marks on centerline or on offsets to centerline at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.

3. Establish clearing limits, placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut unless otherwise shown in the Plans.

4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes. If Global Positioning Satellite (GPS) Machine Controls are used to provide grade control, then slope stakes may be omitted at the discretion of the Contractor

5. Establish the horizontal and vertical location of all drainage features, placing offset stakes to all drainage structures and to pipes at a horizontal interval not greater than 25 feet.

6. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet. Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet. If GPS Machine Controls are used to provide grade control, then roadbed and surfacing stakes may be omitted at the discretion of the Contractor.

7. Establish intermediate elevation benchmarks as needed to check work throughout the project.

8. Provide references for paving pins at 25-foot intervals or provide simultaneous surveying to establish location and elevation of paving pins as they are being placed.

9. For all other types of construction included in this provision, (including but not limited to channelization and pavement marking, illumination and signals, guardrails and barriers, and signing) provide staking and layout as necessary to adequately locate, construct, and check the specific construction activity.

10. The Contractor shall collect additional topographic survey data as needed in order to match into existing roadways such that the transition from the new pavement to the existing pavement is smooth and that the pavement and ditches drain properly. If changes to the profiles or roadway sections shown in the contract plans are needed to achieve proper smoothness and drainage where matching into existing features, the Contractor shall submit these changes to the Project Engineer for review and approval 10 days prior to the beginning of work.

The Contractor shall provide the Contracting Agency copies of any calculations and staking data when requested by the Engineer.

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of descriptions of two primary control points used for the horizontal and vertical control, and descriptions of two additional primary control points for every additional three miles of project length. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

The Contractor shall ensure a surveying accuracy within the following tolerances:

	Vertical	Horizontal
Slope stakes	±0.10 feet	±0.10 feet
Subgrade grade stakes set 0.04 feet below grade	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Stationing on roadway	N/A	±0.1 feet
Alignment on roadway	N/A	±0.04 feet
Surfacing grade stakes	±0.01 feet	±0.5 feet (parallel to alignment) ±0.1 feet (normal to alignment)
Roadway paving pins for surfacing or paving	±0.01 feet	±0.2 feet (parallel to alignment) ±0.1 feet (normal to alignment)

The Contracting Agency may spot-check the Contractor's surveying. These spot-checks will not change the requirements for normal checking by the Contractor.

When staking roadway alignment and stationing, the Contractor shall perform independent checks from different secondary control to ensure that the points staked are within the specified survey accuracy tolerances.

The Contractor shall calculate coordinates for the alignment. The Contracting Agency will verify these coordinates prior to issuing approval to the Contractor for commencing with the work. The Contracting Agency will require up to seven calendar days from the date the data is received.

Contract work to be performed using contractor-provided stakes shall not begin until the stakes are approved by the Contracting Agency. Such approval shall not relieve the Contractor of responsibility for the accuracy of the stakes.

Stakes shall be marked in accordance with Standard Plan A10.10-00. When stakes are needed that are not described in the Plans, then those stakes shall be marked, at no additional cost to the Contracting Agency as ordered by the Engineer.

Payment
Payment will be made in accordance with Section 1-04.1 for the following bid item when included in the proposal:

"Roadway Surveying", lump sum.

The lump sum contract price for "Roadway Surveying" shall be full pay for all labor, equipment, materials, and supervision utilized to perform the work specified, including any resurveying, checking, correction of errors, replacement of missing or damaged stakes, and coordination efforts.

ITEM 17

DIVISION 1
GENERAL REQUIREMENTS

1-05 CONTROL OF WORK

1-05.4 Conformity With and Deviations From Plans and Stakes
Section 1-05.4 is supplemented with the following:

"As Built" Plans
Upon Physical Completion of the Work, the Contractor shall submit corrected shop drawings, schematic diagrams, or other drawings necessary for the Engineer to prepare corrected Plans to show the Work as constructed.

These drawing shall be on sheets conforming in size and the provisions of Section 1-05.3

The Contractor shall be responsible for conducting As Built survey necessary for the Engineer to prepare corrected Plans to show the Work as constructed. The As Built survey shall be performed by a licensed surveyor.

The Contracting Agency will provide all existing base maps, existing horizontal and vertical control, and other material available with Washington State Plane Coordinate information to the Contractor. The Contracting Agency will also provide maps, plan sheets, and/or aerial photographs clearly identifying the limits of the areas to be surveyed. The Contractor shall establish Washington State Plane Coordinates on all points designated in the Contract documents.

The Contractor shall perform all of the necessary calculations for the contracted survey work and shall provide copies of these calculations to the Contracting Agency. Electronic files of all survey data shall be provided and in a format acceptable to the Contracting Agency.

All survey work performed by the Contractor shall conform to all applicable sections of the Revised Code of Washington and the Washington Administrative Code.

The cost of providing As Built Plans and a licensed surveyor for the As Built Plans survey shall be incidental to the bid item Roadway Surveying.

The final 25% payment for the bid item Roadway Surveying shall be paid upon completion and Engineer approval of the As Built Plans.

ITEM 18

DIVISION 1
GENERAL REQUIREMENTS

1-07 Legal Relations and Responsibilities to the Public
Section 1-07 is supplemented with the following:

No lane closures shall be allowed during the following:

2010 Winter Olympics

ITEM 19

DIVISION 1
GENERAL REQUIREMENTS

1-06 PROSECUTION AND PROGRESS

1-08.4 Notice to Proceed and Prosecution and Progress
Page 196, line 16 is revised to read:

- Construction of hot mix asphalt Class 1" PG 64-22

ITEM 20

DIVISION 1
GENERAL REQUIREMENTS

1-08 PROSECUTION AND PROGRESS

1-08.4 Notice to Proceed and Prosecution and Progress
Page 196, line 34 is revised to read:

- Construction of hot mix asphalt and hot mix asphalt Class 1/2" PG 64-22 for Phase 3

ITEM 21

DIVISION 1
GENERAL REQUIREMENTS

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2(2) Traffic Control Plans
Page 203, lines 17-21 are deleted.

ITEM 22

DIVISION 1
GENERAL REQUIREMENTS

1-10 TEMPORARY TRAFFIC CONTROL

1-10.2(2) Traffic Control Plans
Section 1-10.2(2) is supplemented with the following:

The Contractor shall be allowed to close I-5 on and off ramps for 10 working days and detour traffic. The Contractor shall submit proposed Ramp Closure Traffic Control Plans for WSDOT approval.

The site specific Traffic Control plans shall show all details for closing the ramps, including, but not limited to Traffic Safety Drums w/ Type C lights, Type 3 Barricades, advance warning signs, etc. The Detour route shall also be shown on the plan. The Detour route plan and associated signing may be a vicinity map style plan.

All Traffic Control Plans shall be submitted a minimum of 2 weeks prior to implementation.

ITEM 23

DIVISION 1
GENERAL REQUIREMENTS

1-10 TEMPORARY TRAFFIC CONTROL

1-10.4(3) Reinstating Unit Items with Lump Sum Traffic Control
Section 1-10.4(3) is supplemented with the following:

"Traffic Control Supervisor", per hour

ITEM 24

DIVISION 1
GENERAL REQUIREMENTS

1-10 TEMPORARY TRAFFIC CONTROL

1-10.5 Payment
Section 1-10.5 is supplemented with the following:

Flaggers and Spotters, Other Traffic Control Labor
The unit price for flaggers and spotters; and other traffic control labor is set at $25.00. Any additional cost for traffic control labor must be provided for under the Lump Sum Project Temporary Traffic Control.

Traffic Control Supervisor
The unit price for traffic control supervisor is set at $28.00. Any additional cost for traffic control labor must be provided for under the Lump Sum Project Temporary Traffic Control.

Lump Sum Traffic Control
In additional to lump sum costs to provide equipment and materials to provide for traffic control, this item will include all costs necessary to supplement the fixed unit prices for flaggers and spotters, other traffic control labor and for the traffic control supervisor. The fixed labor rates may not be sufficient to cover all of the hourly costs associated with providing flaggers and spotters, other traffic control labor and a traffic control supervisor, and that this item shall allow for all of those costs.

ITEM 25

DIVISION 2
EARTHWORK

2-03 ROADWAY EXCAVATON AND EMBANKMENT

2-03.3(7)AGeneral
Section 2-03.3(7)A is supplemented with the following:

The Contractor shall haul all suitable native material generated under the various excavations required for the project and not used on site for embankment, to the Contracting Agency provided disposal site located 5490 Lego Lane, Ferndale, Washington.

It is anticipated that approximately 1,000 cubic yards of suitable native material will be hauled and disposed of at the Contracting Agency provided disposal site. Suitable native material shall be sand, gravely sand and gravel generated by excavation, and asphalt grindings generated at the project site. Such suitable material shall be free of organics or excessive silts and clays. Quarry spalls and riprap will not be permitted to be disposed of at this site. The Engineer shall be the final judge of material which may be disposed of at this site.

The contractor shall be responsible for pushing, piling or grading the material at the site and shall also be responsible for street cleaning and sweeping necessary as a result of accessing and utilizing the site. The costs for such activities shall be included in the unit cost for work contained in this section.

The Contracting Agency will acquire all required permits for disposal of material at the site provided.

ITEM 26

DIVISION 2
EARTHWORK

2-06 SUBGRADE PREPARATION

2-06.1 Description
Section 2-06.1 is supplemented with the following:

This Work includes preparing the existing Roadbed for surfacing between approximately Thornton Leg STA 69+00 to STA 75+80.

2-06.4 Measurement
Section 2-06.4 is supplemented with the following:

No specific unit of measure shall apply to the lump sum item of Grade Existing Roadbed.

2-06.5 Payment
Section 2-06.5 is supplemented with the following:

"Grade Existing Roadbed", lump sum
The unit contract price per lump sum for "Grade Existing Roadbed" shall be full pay for all Work described in this section.

ITEM 27

DIVISION 7
DRAINAGE STRUCTURES, STORM SEWERS, SANITARY SEWERS, WATER MAINS, AND CONDUITS

7-09 WATER MAINS

7-09.3(19)A Connections to Existing Mains
Page 234, Lines 39-43, are revised to read:

Connection to existing mains is the full responsibility of the Contractor. Temporary routing of existing pipelines or services, shoring, temporary thrust blocks, extra fittings required to route the pipe over or under existing or new pipe or other utilities and all other work and materials

required for making complete, permanent and workable connections are incidental to this item of work.

ITEM 28

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-02 ROADSIDE PLANTING

8-02.1 Description
Page 257, lines 10, are revised to read:

*********Landscaping, Alternate A1 and Landscaping, Alternate A2; Plan Sheets L-1 through L-6*********

ITEM 29

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-02 ROADSIDE PLANTING

8-02.4 Measurement
Page 260, lines 1-17 and Page 261, lines 1-18, are deleted and replaced with the following:

Landscaping, Alternate A1

The item "Landscaping, Alternate A1" contains approximately the following quantities of materials:

Asphalt Trail (2" Crushed Surfacing Top Course/2" Commercial HMA)	18,910	SQ FT
Chain Link Fence (Vinyl Coated), Type 1 Modified	1,800	LF
4" Thick Concrete Curb for Fence	1,930	SQ FT
Redi-Rock Columns	25	EA
Park Entry Sign	1	EA
Hydroseeding	14,000	SY
TimberForm Renaissance Bench Model 2119-8	9	EA
Bench Installation Labor & Concrete	9	EA
Trash Receptacles (Material and Install. Labor)	2	EA
Drinking Fountain/Dog Watering Station Halsey Taylor Model #4400DB	1	EA
Landscaping, Including 1st Year Plant Establishment	1	LS

Landscaping, Alternate A2

The item "Landscaping, Alternate A2" contains approximately the following quantities of materials:

Asphalt Trail (2" Crushed Surfacing Top Course/2" Commercial HMA)	18,910	SQ FT
Chain Link Fence (Vinyl Coated), Type 1 Modified	1,800	LF
4" Thick Concrete Curb for Fence	1,930	SQ FT
Redi-Rock Columns	25	EA
Park Entry Sign	1	EA
Hydroseeding	14,000	SY
TimberForm Renaissance Bench Model 2119-8	9	EA
Bench Installation Labor & Concrete	9	EA
Trash Receptacles (Material and Install. Labor)	2	EA
Drinking Fountain/Dog Watering Station Halsey Taylor Model #4400DB	1	EA
Landscaping, Including 1st Year Plant Establishment	1	LS

The quantities are listed only for the convenience of the Contractor in determining the volume of work involved and are not guaranteed to be accurate. The prospective bidders shall verify these quantities before submitting a bid. No adjustments other than for approved changes will be made in the lump sum contract price for the landscaping even though the actual quantities required may deviate from those listed.

Landscaping Stamped Concrete, Alternate A3

Stamped Concrete (4" thick/2 color) for Esplinades & Islands	470	SY

Landscaping Stamped Asphalt, Alternate A4

Stamped Asphalt (4" thick) for Esplinades & Islands	470	SY

"Stamped Concrete" will be measured by the square yard of finished surface.

"Stamped Asphalt" will be measured in accordance with Section 8-22A.4

8-02.5 Payment
Section 8-02.5 is supplemented with the following:

"Landscaping, Alternate A1" and "Landscaping, Alternate A2", lump sum.
For the purposes of payment, such landscaping items as adhesive, sign posts, bolts, root barrier, soil mix, wooden stakes, fertilizer, topsoil, mulch, concrete slabs for benches, etc., for which there is no pay item included in the proposal, are considered as landscaping minor items. All costs in connection with furnishing and installing these minor items as shown and noted in the Plans and as outlined in these specifications and in the Standard Specifications shall be included in the lump sum contract price for "Landscaping, Alternate A1" and "Landscaping, Alternate A2". The lump sum contract price for "Landscaping, Alternate A1" and "Landscaping

Alternate A2" shall be full compensation for all labor, materials, tools and equipment required to complete the bid item.

"Stamped Concrete", per square yard.
The unit contract price per square yard for "Stamped Concrete", shall include all costs for the labor, materials, and tools necessary to construct the "Stamped Concrete" including all preparation of the subgrade, construction joints, contraction joints, through joints, sawcutting, keyways, sealing joints when required, dowel bars, and any special forming around manhole lids or other utility features shown in the Plans or as required to complete the work.

"Stamped Asphalt", will be paid in accordance with Section 8-22A.5

Clearing and Grubbing, Removal of Structures and Obstructions, and Roadway Excavation Including Haul, shall be paid under the bid items "Clearing and Grubbing", "Removal of Structures and Obstructions", and "Roadway Excavation Including Haul".

ITEM 30

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-20 ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, AND ELECTRICAL

8-20.1 Description
Page 276, line 5 is revised to read:

necessary to complete in place the 2-4" spare conduits and 1-2" spare conduit and vaults as shown on the Plans.

ITEM 31

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-20 ILLUMINATION, TRAFFIC SIGNAL SYSTEMS, AND ELECTRICAL

8-20.4 Measurement
Page 290, line 5 is revised to read:

Electrical System Conversion, Verizon appurtenances, Comcast appurtenances, and spare conduit and vaults shall be per cubic yard.

ITEM 32

DIVISION 8
MISCELLANEOUS CONSTRUCTION

8-21 PERMANENT SIGNING

8-21.3(1) Location of Signs
Section 8-21.3(1) is supplemented with the following:

The permanent Type 3 Barricades at Thornton Road, Willard, and the north leg of Portal shall be installed using a Type ST-4 Sign Support.

ITEM 33

DIVISION 8
MISCELLANEOUS CONSTRUCTION

The following new section is added:

8-22A THERMOPLASTIC TEXTURED ASPHALT PAVEMENT – NEW SECTION

8-22A.1 Description

Stamped asphalt is applied by first re-heating asphalt pavement using patented asphalt pavement re-heat equipment then imprinting the asphalt pavement with a template made from 3/8" flexible wire rope. The surface is then covered with sheets of a thick, aggregate-reinforced thermoplastic material which is then melted in place using the same patented re-heat equipment. As the material is cooling, it is printed again with a template made from 1/4" flexible wire rope in the same design. Sand is applied during the melting process to achieve added friction properties to the surface.

8-22A.2 Materials and Equipment

Stamped asphalt shall be StreetPrintXD™, Offset Brick pattern, Brick color. StreetPrintXD™ stamped asphalt may be substituted with Engineer approval.

Sand shall be as specified by StreetPrintXD™ or may be substituted with approval from the Engineer

Thermoplastic shall consists of homogeneously mixed non-hazardous polymer resins, pigments, fillers consisting of TiO^2 and $CaCO^3$, glass beads and at least 12% coarse aggregate particles sized 6-14 mesh. Thermoplastic shall have a negligible VOC level.

Thermoplastic shall be supplied as precut panels at a standard thickness of 180 mils +/- 10 mils (4.6 mm +/- 0.25mm).

Upon heating to application temperature, the thermoplastic will flow and preserve the integrity of its properties including its color.

The Contractor shall provide documentation verifying the thermoplastic has not been stored in its original packaging at room temperature (21°C +/-3°C) (70°F +/-5°F) for a period exceeding two years.

The thermoplastic shall have the following characteristics:

TABLE 1 Thermoplastic Characteristics

Characteristic	Test Method	Typical Results of StreetPrintXD™ thermoplastic
Water Absorption	ASTM D570	< 0.5%
Binder Content	AASHTO T250	18.8% – 20.0%
Low Temp. Resistance @ 15°F	AASHTO T250	No cracking
Specific Gravity	ASTM D792	2.0 – 2.16
Indentation resistance @ 46.1 °C	ASTM D 2240	44 - 52
Impact Resistance	ASTM D256, Mtd A	<20
Flash Point	ASTM D92	>440°F
Bond Strength	ASTM D4796	316+ psi
Friction	British Pendulum	BPN > 65

EQUIPMENT

Templates

Two wire rope templates are required in the execution of the stamping system. One template shall be used for imprinting the asphalt pavement and the other shall be used to post-print the melted thermoplastic. The templates shall be the same pattern but made using different diameter woven wire rope. The wire rope diameter for the template used for imprinting the specified pattern into the asphalt pavement is 3/8" in diameter. The post-printing template is made from ¼" diameter woven wire rope material.

Pavement Heaters

Mobile pavement heaters designed specifically to elevate the temperature of the asphalt pavement and the thermoplastic without adversely affecting these materials shall be used. The StreetHeat™ SR-120 and SR-60 Pavement Heaters (SR-120, SR-60) employ a bank of propane fired infrared heaters mounted on a track device such that these can reciprocate back and forth over a designated area thereby allowing the operator to monitor the temperature of the asphalt pavement and the thermoplastic at all times during the heating process.

StreetHeat™ SR-20 Pavement Heater (SR-20) shall be used specifically to reheat areas such as borders and narrow areas that are inaccessible to the SR-120 and SR-60 heaters.

The StreetHeat™ Portable Jet Heater is a hand-held portable heating device that may be used to heat isolated areas of the asphalt pavement or thermoplastic.

Sand Spreader

An air-assisted sand spreader shall be used to spray the sand in a uniform manner.

Compactors

Vibratory Plate Compactors in the size range from 700 – 900 pounds shall be used for pressing the template into the heated asphalt pavement and for post-printing the thermoplastic.

8-22A.3 Construction Requirements

Contractor Qualifications
Work shall be performed by workers experienced with asphalt stamping and coloring. The Contractor shall provide certification that they have completed a minimum of three asphalt stamping projects for roadway related projects.

The Contractor shall provide a job-site sample to be approved by the Engineer prior to placing stamped asphalt. The sample shall be a minimum of six feet by six feet, completed panel, including stamp pattern and colored stamp.

Surface Preparation
The asphalt pavement surface shall be dry and free from all foreign matter, including but not limited to dirt, dust, de-icing materials, and chemical residue.

Layout
Layout of the pattern for imprinting into the surface of the asphalt pavement shall be as per the drawings and specifications and in accordance to the methods prescribed by the supplier in conjunction with the Engineer.

Heating the Asphalt Pavement
Primary heating of the pavement surface shall be accomplished using the SR-120 or SR-60 pavement heaters. The optimal pavement temperature for imprinting the template is dependent upon mix design, modifiers used in the mix, and the age of the pavement. Care must be taken to avoid over heating the pavement; excessive blue smoke emanating from the asphalt pavement must be avoided. The surface temperature of the pavement should not exceed 325°F (160°C) as determined by reading a calibrated infra-red thermometer.

Surface Imprinting
Once the asphalt pavement has reached imprinting temperature, the first (3/8" diameter wire rope) template shall be placed in position then pressed into the surface using vibratory plate compactors. Once the top of the template is level with the surrounding asphalt pavement, the template can be removed. Areas that have an imprint depth less than the depth of the template shall be re-heated and re-stamped prior to installing the thermoplastic. In areas difficult to get at with the template, or areas that have light print, hand held finishing tools may be used to complete the imprint process.

Installing the Thermoplastic and Sand
The area must be thoroughly cleaned and dried before installing the thermoplastic.

Do not install during periods of precipitation.

Both the ambient air temperature and the pavement temperature must be above 45°F (7°C). Do not install when there is frost still in the ground.

Thermoplastic sheets shall be placed over top of the imprinted asphalt pavement and in-line with the pattern. The sheets are to be butted together without overlap and cover the entire area designated to receive the surfacing system.

Using the heating equipment, heat is applied to the thermoplastic to gradually raise the temperature so that the thermoplastic is melted all the way through and begins to flow into the grout lines and fuse with both the surface of the asphalt pavement and the edges of the neighboring thermoplastic sheet.

As the thermoplastic starts to flow and adhesion to the pavement surface is attained, sand shall be spread evenly into and on top of the thermoplastic using the sand spreader at an approximate rate of one 50 pound bag per 200SF of stamped surface.

Using the vibratory plate compactor, the thermoplastic is then post-printed using the second (1/4" diameter wire rope) template.

Protection and Opening to Traffic
The melted thermoplastic is to be protected until it cools and hardens. Do not permit any debris such as dust, excessive water, pollen etc to come in contact with the melted thermoplastic. The road may be opened to traffic once the thermoplastic has cooled to adjacent pavement temperature.

8-22A.4 Measurement

"Stamped Asphalt" will be measured by the square yard of finished surface. The measured area is the actual area of asphalt pavement that has received the stamped thermoplastic and (where applicable) the transverse white lines, measured in place. No deduction will be made for the area(s) occupied by manholes, inlets, drainage structures, bollards or by any public utility appurtenances within the area.

8-22A.5 Payment

"Stamped Asphalt", per square yard.
The unit contract price per square yard for "Stamped Asphalt", shall include all costs for the labor, materials, and tools necessary to construct the "Stamped Asphalt" including all preparation of the subgrade, construction joints, contraction joints, through joints, sawcutting, keyways, sealing joints when required, dowel bars, and any special forming around manhole lids or other utility features shown in the Plans or as required to complete the work. No measurement for the job-site samples will be made and all costs in preparing and providing test samples shall be included in the unit contract cost for "Stamped Asphalt" that is permanently placed.

ITEM 34

The 2nd Avenue stationing shown in the "January 4, 2008, Church Road and 2nd Street Road Section Investigation" geotechnical report correlates with the 2nd Avenue Plan Sheet stationing as shown below. The distance from the centerline noted in the geotechnical report is from the existing centerline.

January 4, 2008, Geotech Report STA	Approx. 2nd Ave. Plan Sheet STA
17+75	10+60
15+75	08+60
14+75	07+60
13+75	06+60
12+75	05+60
11+75	04+60
10+75	03+60

ITEM 35

Add to the Appendix the attached Geotechnical Report titled "Subsurface Soil Explorations, Proposed Directional Boring, Thornton Road Rail Road Crossing"

ITEM 36

The attached 'Permanent Signing' schedule is added to the Contract Documents.

ITEM 37

The attached PSE/Potelco Vault Schedule is added to the Contract Documents.

ITEM 38

The attached '2nd Avenue Traffic Control' Plan is added to the Contract Documents.

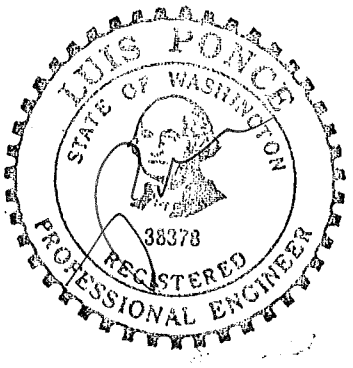
ITEM 39

The attached 'DBE Utilization Certification Form, DOT Form 272-056 EF' is added to the Contract Documents.

POINT OF CLARIFICATION

BNSF has indicated Contractors working for the Contracting Agency are covered under the Contracting Agency's insurance policy obtained as part of the Contracting Agency's Pipeline Licenses for this project.

Luis Ponce, P.E.
Project Manager



7/23/09

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
			BASE BID		
			SCHEDULE A: STREET RELATED WORK		
1	LUMP SUM	MOBILIZATION (1-09)		L.S.	$
2	FORCE ACCOUNT	MINOR CHANGE (1-04)		F.A	$5,000.00
3	LUMP SUM	ROADWAY SURVEYING 1-05)		L.S.	
4	LUMP SUM	SPCC Plan (1-07)		L.S.	$
5	2,400 LINEAR FEET	HIGH VISIBLITY FENCE (1-08)		$ per L.F.	$
6	5,800 HOURS	FLAGGERS AND SPOTTERS (1-10)		$ 25.00 per HR	$
7	700 HOURS	OTHER TRAFFIC CONTROL LABOR (1-10)		$ 25.00 per HR	$
8	LUMP SUM	PROJECT TEMORARY TRAFFIC CONTROL (1-10)		L.S.	$
9	LUMP SUM	TRAFFIC CONTROL SUPERVISOR (2-01)		L.S.	$
10	LUMP SUM	CLEARING AND GRUBBING (2-01)		L.S.	$
11	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)		L.S.	$
12	2,400 LINEAR FEET	ABANDONMENT OF ASBESTOS CEMENT WATER MAIN (2-02)		$ per L.F.	$
13	1,100 LINEAR FOOT/IN	SAW-CUT ACP (2-02)		$ per LF-IN	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
14	200 LINEAR FOOT/IN	SAW-CUT PCC (2-02)		$ per LF-IN	$
15	6 EACH	REMOVING DRAINAGE STRUCTURES (2-02)		$ per EA	$
16	3 EACH	REMOVING MANHOLE (2-02)		$ per EA	$
17	26,000 CUBIC YARDS	ROADWAY EXCAVATION INCLUDING HAUL (2-03)		$ per C.Y.	$
18	785 CUBIC YARDS	REMOVING PORTLAND CEMENT CONC. PAVEMENT (2-03)		$ per C.Y.	$
19	1,500 CUBIC YARDS	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL (2-03)		$ per C.Y.	$
20	700 CUBIC YARDS	UNSUITABLE FOUNDATION EXCAVATION INCLUDING HAUL AND REPAIR (2-03)		$ per C.Y	$
21	1,000 CUBIC YARDS	EMBANKMENT COMPACTION (2-03)		$ per C.Y.	$
22	100 M.GALLONS	WATER (2-07)		$ MGAL	$
23	7,200 CUBIC YARDS	STRUCTURE EXCAVATION CI B INCLUDING HAUL (2-09)		$ per C.Y.	$
24	32,500 SQAURE FEET	SHORING OR EXTRA EXCAVATION CI B (2-09)		$ per S.F.	$
25	20 CUBIC YARDS	CONTROLLED DENSITY FILL (2-09)		$ per C.Y.	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
26	16500 SQUARE YARDS	CONSTRUCTION GEOTEXTILE FOR SEPERATION (2-12)		$ per S.Y.	$
27	42350 TONS	GRAVEL BASE (4-02)		$ per TON	$
28	3200 TONS	CRUSHED SURFACING TOP COURSE (4-02)		$ per TON	$
29	4575 TONS	HMA CLASS 1/2" PG 64-22 (5-04)		$ per TON	$
30	4350 TONS	HMA CLASS 1" PG 64-22 (5-04)		$ per TON	$
31	LUMP SUM	GRADE EXISITING ROADBED (5-04)		L.S.	$
32	1650 SQUARE YARDS	PLANING BITUMINOUS PAVEMENT (5-04)		$ per S.Y.	$
33	CALCULATE	JOB MIX COMPLIANCE PRICE ADJUSTMENT (5-04)		CALC.	$ -
34	CALCULATE	COMPACTION PRICE ADJUSTMENT (5-04)		CALC.	$ -
35	CALCUALTE	ASPHALT COST PRICE ADJUSTMENT (5-04)		CALC	$ 15,000.00
36	360 SQUARE FEET	BLOCK WALL (6-13)		$ per S.F.	$
37	120 TONS	CRUSHED SURFACING TOP COURSE FOR WALL BACKFILL INCL. HAUL (6-13)		$ per TON	$
38	67 LINEAR FEET	CPDP STORM SEWER PIPE, 8-INCH DIAMETER (7-04)		$ per L.F.	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
39	1131 LINEAR FEET	CPDP STORM SEWER PIPE, 12-INCH DIAMETER (7-04)		$ per L.F.	$
40	110 LINEAR FEET	CPDP STORM SEWER PIPE, 15-INCH DIAMETER (7-04)		$ per L.F.	$
41	28 LINEAR FEET	CPDP STORM SEWER PIPE, 24-INCH DIAMETER (7-04)		$ per LF	$
42	460 LINEAR FEET	CPDP STORM SEWER PIPE, 30-INCH DIAMETER (7-04)		$ per LF	$
43	2727 LINEAR FEET	CPDP STORM SEWER PIPE, 36-INCH DIAMETER (7-04)		$ per LF	$
44	259 LINEAR FEET	DUCTILE IRON STORM SEWER PIPE, 8-INCH DIAMETER (7-04)		$ per LF	$
45	200 LINEAR FEET	DUCTILE IRON STORM SEWER PIPE, 12-INCH DIAMETER (7-04)		$ per LF	$
46	3325 LINEAR FEET	TESTING STORM SEWER PIPE (7-04)		$ per L.F.	$
47	LUMP SUM	ADJUSTMENTS TO FINISH GRADE (7-05)		L.S.	$
48	5 EACH	SOLID LOCKING RING AND COVER (7-05)		$ per EA	$
49	4 EACH	CONCRETE INLET (7-05)		$ per EA	$
50	22 EACH	CATCH BASIN TYPE 1 (7-05)		$ per EA	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
51	2 EACH	CATCH BASIN TYPE IL (7-05)		$ per EA	$
52	1 EACH	CATCH BASIN TYPE II, 48-INCH DIAMETER (7-05)		$ per EA	$
53	24 EACH	CATCH BASIN TYPE II, 60-INCH DIAMETER (7-05)		$ per EA	$
54	1 EACH	STORM DRAIN FLOW SPLITTER (7-05)		$ per EA	$
55	LUMP SUM	ESC LEAD (8-01)		L.S.	$
56	27 EACH	INLET PROTECTION (8-01)		$ per EA	$
57	850 SQUARE YARDS	PERMANENT EROSION CONTROL BLANKET (8-01)		$ per S.Y.	$
58	100 SQUARE YARDS	STABILIZED CONSTRUCTION ENTRANCE (8-01)		$ per S.Y.	$
59	8870 LINEAR FEET	SILT FENCE (8-01)		$ per LF	$
60	900 SQUARE YARDS	SEEDED LAWN INSTALLATION (8-02)		$ per S.Y.	$
61	150 CUBIC YARDS	TOPSOIL TYPE A (8-02)		$ per C.Y.	$
62	FORCE ACCOUNT	LANDSCAPING RESTORATION (8-02)		F.A.	$3,000.00

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
63	CALCULATE	PLANT ESTABLISHMENT 2ND YEAR (8-02)		CALC.	$ 20,000.00
64	CALCULATE	PLANT ESTABLISHMENT 3RD YEAR (8-02)		CALC.	$ 15,000.00
65	8,000 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER (8-04)		$ per LF	$
66	500 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER 8"-INCH THICK (8-04)		$ per LF	$
67	90 LINEAR FEET	CEMENT CONCRETE GUTTER (8-04)		$ per L.F.	$
68	380 LINEAR FEET	CEMENT CONCRETE PEDESTRIAN CURB (8-04)		$ per L.F.	$
69	900 LINEAR FEET	ROUNDABOUT TRUCK APRON CEM. CURB & GUTTER (8-04)		$ per L.F.	$
70	200 LINEAR FEET	ROUNDABOUT CEM. CONC. CURB AND GUTTER (8-04)		$ per L.F.	$
71	930 LINEAR FEET	SPLITTER ISLAND CURB AND GUTTER (8-04)		$ per L.F.	$
72	1,010 LINEAR FEET	TRUCK APRON CURB AND GUTTER (8-04)		$ per L.F.	$
73	520 SQUARE YARDS	TEXTURED CEMENT CONCRETE PAVEMENT (8-04)		$ per S.Y.	$
74	3470 SQUARE YARDS	CEMENT CONCRETE SIDEWALK (8-14)		$ per S.Y.	$
75	475 SQUARE YARDS	CEMENT CONCRETE DRIVEWAY, 8-INCH THICK (8-14)		$ per S.Y.	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
76	135 SQUARE YARDS	TEXTURED CEMENT CONCRETE DRIVEWAY 8"- INCH THICK (8-14)		$ per S.Y.	$
77	4 EACH	SIDEWALK RAMP TYPE 1 (8-14)		$ per EA	$
78	5 EACH	SIDEWALK TAMP TYPE 2 (8-14)		$ per EA	$
79	3 EACH	SIDEWALK RAMP TYPE 3A (8-14)		$ per EA	$
80	1 EACH	SIDEWALK RAMP TYPE 4B (8-14)		$ per EA	$
81	1 EACH	BIKE RAMP TYPE 1 (8-14)		$ per EA	$
82	2 EACH	BIKE RAMP TYPE 2 (8-14)		$ per EA	$
83	2 EACH	SIDEWALK RAMP TYPE 2, 10-FT WIDE (8-14)		$ per EA	$
84	2 EACH	SIDEWALK RAMP TYPE 4C, 10-FT WIDE (8-14)		$ per EA	$
85	10 TONS	QUARRY SPALLS (8-15)		$ per TON	$
86	40 TONS	ROCK FOR ROCK WALL (8-15)		$ per TON	$
87	2 EACH	MAILBOX SUPPORT, TYPE 1 (8-14)		$ per EA	$
88	8 EACH	MAILBOX SUPPORT, TYPE 2 (8-15)		$ per EA	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
89	LUMP SUM	ILLUMINATION SYSTEM (8-20)		L.S. $	
90	2,100 LINEAR FEET	CONDUIT PIPE 2 INCH DIAMETER (8-20)		$ per L.F.	$
91	5,825 LINEAR FEET	CONDUIT PIPE 4 INCH DIAMETER (8-20)		$ per L.F.	$
92	LUMP SUM	UNDERGROUND ELECTRICAL SYSTEM CONVERSION (8-20)		L.S. $	
93	27 EACH	STREET LIGHT FOUNDATIONS (8-20)		$ per EA	$
94	FORCE ACCOUNT	FORCE ACCOUNT RESIDENTIAL OVERHEAD SERVICE TO UNDERGROUND SERVICE (8-20)		F.A. $	20,000.00
95	LUMP SUM	PERMANENT SIGNS (8-21)		L.S. $	
96	33 EACH	PLASTIC YIELD LINE SYMBOLS (8-22)		$ per EA	$
97	1105 SQUARE FEET	PLASTIC CROSSWALK LINE (8-22)		$ per S.F.	$
98	34 EACH	PLASTIC TRAFFIC LETTER (8-22)		$ per EA	$
99	13 EACH	PLASTIC TRAFFIC ARROW (8-22)		$ per EA	
100	2 EACH	PLASTIC RAILROAD CROSSING SYMBOL (8-22)		$ per EA	$
101	10600 LINEAR FEET	PAINT LINE (8-22)		$ per L.F.	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
102	87 LINEAR FEET	PLASTIC STOP LINE (8-22)		$ per L.F.	$
103	20 EACH	POTHOLE EXISITING UNDERGROUND UTILITY (8-30)		$ per EA	$
104	FORCE ACCOUNT	REPAIR EXISITING PUBLIC AND PRIVATE FACILITIES (8-30)		F.A.	$10,000.00
105	4 EACH	BOLLARD TYPE 2 (8-34)		$ per EA	
TOTAL SCHEDULE A				$	

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL

SCHEDULE B: SANITARY SEWER WORK

106	LUMP SUM	MOBILIZATION (1-09)		L.S.	$
107	4320 CUBIC YARDS	STRUCTURE EXCAVATION CI B INCLUDING HAUL (2-09)	$ per C.Y.		$
108	34060 SQUARE FEET	SHORING OR EXTRA EXCAVATION CI B (2-09)	$ per S.F.		$
109	9,000 TONS	GRAVEL BASE (4-02)	$ per TON		$
110	6 EACH	ABANDON EXISITING MANHOLE (7-05)	$ per EA		$
111	16 EACH	MANHOLE 48" DIAMETER TYPE 1 (7-05)	$ per EA		$
112	1 EACH	INSIDE DROP MANHOLE CONNECTION (7-05)	$ per EA		$
113	647 LINEAR FEET	PVC SANITARY SEWER PIPE, 6 INCH DIAMETER (7-17)	$ per L.F.		$
114	40 LINEAR FEET	PVC SANITARY SEWER PIPE, 8 INCH DIAMETER (7-17)	$ per L.F.		$
115	20 LINEAR FEET	PVC SANITARY SEWER PIPE, 10 INCH DIAMETER (7-17)	$ per L.F.		$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
116	3,754 LINEAR FEET	PVC SANITARY SEWER PIPE, 18 INCH DIAMETER (7-17)		$ per L.F.	$
117	95 LINEAR FEET	FURNISHING AND JACKING STEEL CASING PIPE 24 INCH DIAMETER (7-17)		$ per L.F.	$
118	FORCE ACCOUNT	FORCE ACCOUNT UNEXPECTED OBJECT REMOVAL (7-17)		F.A	$5,000.00
119	LUMP SUM	TESTING SEWER PIPE (7-17)		L.S.	$

SCHEDULE B SUBTOTAL $ _____

SALES TAX SCHEDULE B ITEMS (8.5%) $ _____

TOTAL SCHEDULE B $ _____

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
		SCHEDULE C: WATER RELATED WORK			
120	LUMP SUM	MOBILIZATION (WATER) (1-09)		L.S.	$
121	LUMP SUM	CLEARING AND GRUBBING (2-01)		L.S.	$
122	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)		L.S.	$
123	200 LINEAR FOOT-INCH	SAW-CUT ACP (2-02)		$ per L.F.-IN	$
124	400 LINEAR FOOT-INCH	SAW-CUT PCC (2-02)		$ per L.F.-IN	$
125	1,000 TONS	GRAVEL BASE (4-02)		$ per TON	$
126	25 LINEAR FEET	6-INCH D.I. PIPE FOR WATER MAIN (7-09)		$ per L.F.	$
127	2,365 LINEAR FEET	12-INCH D.I. PIPE FOR WATER MAIN (7-09)		$ per L.F.	$
128	2 EACH	STOVEPIPE WATER MAIN, 12-IN. DIAM. (7-09)		$ per EA	$
129	1 EACH	SAMPLING STATION (7-09)		$ per EA	$
130	1 EACH	CONNECT TO EXISTING WATER MAIN, 2-IN. DIAM. (7-09)		$ per EA	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
131	1 EACH	CONNECT TO EXISTING WATER MAIN, 4-IN. DIAM. (7-09)		$ per EA	$
132	2 EACH	CONNECT TO EXISTING WATER MAIN, 6-IN. DIAM. (7-09)		$ per EA	$
133	2 EACH	CONNECT TO EXISTING WATER MAIN, 8-IN. DIAM. (7-09)		$ per EA	$
134	1 EACH	CONNECT TO EXISTING WATER MAIN, 10-IN. DIAM. (7-09)		$ per EA	$
135	LUMP SUM	TESTING WATER MAIN (7-09)		L.S.	$
136	2 EACH	BLOW OFF ASSEMBLY (7-09)		$ per EA	$
137	150 LINEAR FEET	PVC C905 CASING (7-09)		$ per L.F.	$
138	13 EACH	GATE VALVE, 12-IN (7-12)		$ per EA	$
139	1 EACH	COMB. AIR RELEASE/AIR VACUUM VALVE ASSEMBLY 2 INCH (7-12)		$ per EA	$
140	7 EACH	HYDRANT ASSEMBLY (7-14)		$ per EA	$
141	27 EACH	SERVICE CONNECTION,1 IN. DIAM. (7-15)		$ per EA	$

SCHEDULE C SUBTOTAL $ _____

SALES TAX SCHEDULE C ITEMS @ (8.5%) $ _____

TOTAL SCHEDULE C $ _____

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL

SCHEDULE C1: WATER RELATED WORK - (NON ARRA ELIGIBLE)

142	LUMP SUM	MOBILIZATION (WATER) (1-09)		L.S.	$
143	LUMP SUM	CLEARING AND GRUBBING (2-01)		L.S.	$
144	LUMP SUM	REMOVAL OF STRUCTURES AND OBSTRUCTIONS (2-02)		L.S.	$
145	900 TONS	GRAVEL BASE (4-04)		$ per TON	$
146	2,300 LINEAR FEET	12- INCH D.I. PIPE FOR WATER MAIN (7-09)		$ per L.F.	$
147	1 EACH	CONNECT TO EXISTING WATERMAIN 8 IN. DIAMETER (7-09)		$ per EA	$
148	1 EACH	CONNECT TO EXISITING WATERMAIN 10 IN. DIAMETER (7-09)		$ per EA	$
149	2 EACH	CONNECT TO EXISITING WATERMAIN 12 IN. DIAMETER (7-09)		$ per EA	$
150	2 EACH	HIGH DENSITY POLYETHYLENE PIPE (HDPE) CONNECTION TO MAIN, 14 IN. DIAMETER (7-10)		$ per EA	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
151	LUMP SUM	TESTING WATERMAIN (7-09)		L.S.	$
152	LUMP SUM	HDPE PIPE FOR WATER MAIN, 14 IN. DIAMETER (7-10)		L.S.	$
153	9 EACH	GATE VALVE, 12 INCH (7-12)		$ per EA	$
154	7 EACH	HYDRANT ASSEMBLY (7-14)		$ per EA	$
155	4 EACH	SERVICE CONNECTION 1 IN. DIAMETER (7-15)		$ per EA	$

SCHEDULE C1 SUBTOTAL $ _____

SALES TAX SCHEDULE C1 ITEMS @ (8.5%) $ _____

TOTAL SCHEDULE C1 $ _____

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL

SCHEDULE D: (PARKING FACILITY @ STATION LAND) - (NON ARRA ELIGIBLE)

156	820 TONS	GRAVEL BASE (4-04)	$ per TON	$	
157	210 TONS	CRUSHED SURFACING TOP COURSE (4-04)	$ per TON	$	
158	280 TONS	HMA CLASS 1/2" PG 64-22 (5-04)	$ per TON	$	
159	260 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB (8-04)	$ per LF	$	
160	850 LINEAR FEET	CEMENT CONCRETE TRAFFIC CURB AND GUTTER (8-04)	$ per L.F.	$	
161	2 EACH	SIDEWALK RAMP TYPE 4 B (8-14)	$ per EA	$	
162	2 EACH	SIDEWALK RAMP TYPE 2, 10 FEET WIDE (8-14)	$ per EA	$	
163	4 EACH	SIDEWALK RAMP TYPE 4B, 10- FEET WIDE (8-14)	$ per EA	$	
164	360 LINEAR FEET	PAINT LINE (8-22)	$ per L.F.	$	
165	2 EACH	ANGLED ACCESSIBLE PARKING STALL (8-22)	$ per EA	$	

TOTAL SCHEDULE D $ _____

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL

SCHEDULE E: WETLAND MITIGATION

166 3.22 ACRE CLEARING AND GRUBBING (2-01)
$ _____ per ACRE $ _____

167 4505 CUBIC YARD ROADWAY EXCAVATION INCLUDING HAUL-WETLAND (2-03)
$ _____ per C.Y.

168 1.35 ACRE WETLAND SEED MIX (8-01)
$ _____ per ACRE $ _____

169 1.56 ACRE UPLAND SEED MIX (8-01)
$ _____ per ACRE $ _____

170 2.91 ACRE COMPOST BLANKET - 3 INCH THICK (8-01)
$ _____ per ACRE $ _____

171 3.22 ACRE ROTOTILLING - 8 INCH DEPTH (8-01)
$ _____ per ACRE $ _____

172 8600 EACH TREE PROTECTION DEVICES (8-02)
$ _____ per EA $ _____

173 650 CUBIC YARD BARK MULCH (8-02)
$ _____ per CY $ _____

174 1200 CUBIC YARD TOPSOIL TYPE A (8-02)
$ _____ per CY $ _____

175 6142 EACH PSIPE SLOUGH SEDGE- BARE ROOT (8-02)
$ _____ per EA $ _____

176 5118 EACH PSIPE SAWBREAK SEDGE - BARE ROOT (8-02)
$ _____ per EA $ _____

177 4095 EACH PSIPE COMMON SPIKERUSH - BARE ROOT (8-02)
$ _____ per EA $ _____

178 5118 EACH PSIPE SMALL FRUITED BULRUSH - BARE ROOT (8-02)
$ _____ per EA $ _____

179 128 EACH PSIPE HARDHACK - 1 GALLON CONTAINER (8-02)
$ _____ per EA $ _____

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
180	768 EACH	PSIPE PACIFIC WILLOW - 1 GALLON CONTAINER (8-02)		$ per EA	$
181	512 EACH	PSIPE SITKA WILLOW - 1 GALLON CONTAINER (8-02)		$ per EA	$
182	4792 EACH	PSIPE LARGE LEAF AVENS - 1 GALLON CONTAINER (8-02)		$ per EA	$
183	4792 EACH	PSIPE PIGGYBACK PLANT - 1 GALLON CONTAINER (8-02)		$ per EA	$
184	359 EACH	PSIPE TWINBERRY - 1 GALLON CONTAINER (8-02)		$ per EA	$
185	599 EACH	PSIPE SALMONBERRY - 1 GALLON CONTAINER (8-02)		$ per EA	$
186	479 EACH	PSIPE SITKA WILLOW - 1 GALLON CONTAINER (8-02)		$ per EA	$
187	479 EACH	PSIPE PACIFIC WILLOW - 1 GALLON CONTAINER (8-02)		$ per EA	$
188	479 EACH	PSIPE RED OSIER DOGWOOD - 1 GALLON CONTAINER (8-02)		$ per EA	$
189	40772 EACH	PSIPE PACIFIC BLEEDING HEART - 4 INCH POT (8-02)		$ per EA	$
190	6795 EACH	PSIPE SWORD FERN - 1 GALLON CONTAINER (8-02)		$ per EA	$
191	1062 EACH	PSIPE SNOWBERRY- 1 GALLON CONTAINER (8-02)		$ per EA	$
192	1062 EACH	PSIPE NOOTKA ROSE - 1 GALLON CONTAINER (8-02)		$ per EA	$
193	1062 EACH	PSIPE RED ELDERBERRY - 1 GALLON CONTAINER (8-02)		$ per EA	$

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
194	1062 EACH	PSIPE VINE MAPLE - 1 GALLON CONTAINER (8-02)		$ per EA	$
195	189 EACH	PSIPE BLACK COTTONWOOD - 1 GALLON CONTAINER (8-02)		$ per EA	$
196	94 EACH	PSIPE WESTERN RED CEDAR - 1 GALLON CONTAINER (8-02)		$ per EA	
197	189 EACH	PSIPE BIG LEAF MAPLE - 1 GALLON CONTAINER (8-02)		$ per EA	

TOTAL SCHEDULE E $

TOTAL BASE BASE BID (SCHEDULE A THROUGH E) $

TOTAL SALES TAX @ 8.5% $

SUBTOTAL BASE BID $

BID PROPOSAL FORM

SECOND SREEET AVENUE EXTENSION PROJECT
FERNDALE, WASHINGTON

ITEM NO.	APPROX. QUANTITY	ITEM		UNIT PRICE	TOTAL
			LANSCAPING, ALTERNATE A1		
198	LUMP SUM	LANDSCAPING, ALTERNATE 1 (8-02)		L.S.	$
TOTAL LANDSCAPING, ALTERNATE A1					$
			LANSCAPING, ALTERNATE A2		
199	LUMP SUM	LANDSCAPING, ALTERNATE 2 (8-02)		L.S.	$
TOTAL LANDSCAPING, ALTERNATE A2					$
			LANSCAPING STAMPED CONCRETE, ALTERNATE A3		
200	470 SQUARE YARDS	STAMPED CONCRETE (4" THICK / 2 COLOR) FOR ESPLINADES & ISLANDS (8-02)		$ per S.Y.	$
TOTAL LANDSCAPING STAMPED CONCRETE, ALTERNATE A3					$
			LANSCAPING STAMPED ASPHALT, ALTERNATE A4		
201	470 SQUARE YARDS	STAMP ASPHALT (4" THICK) FOR ESPLINADES & ISLANDS (8-02)		$ per S.Y.	$
TOTAL LANDSCAPING STAMPED ASPHALT, ALTERNATE A4					$

TOTAL BASE BID AND ALTERNATE A1 AND ALTERNATE A3 (INCLUDING SALES TAX) $ _____

TOTAL BASE BID AND ALTERNATE A1 AND ALTERNATE A4 (INCULDING SALES TAX) $ _____

TOTAL BASE BID AND ALTERNATE A2 AND ALTERNATE A3 (INCLUDING SALES TAX) $ _____

TOTAL BASE BID AND ALTERNATE A2 AND ALTERNATE A4 (INCULDING SALES TAX) $ _____

R&E
REICHHARDT & EBE
ENGINEERING, INC.
423 Front St, Ste 201 Lynden, WA 98264
Phone 360-354-3687 FAX 360-354-0407

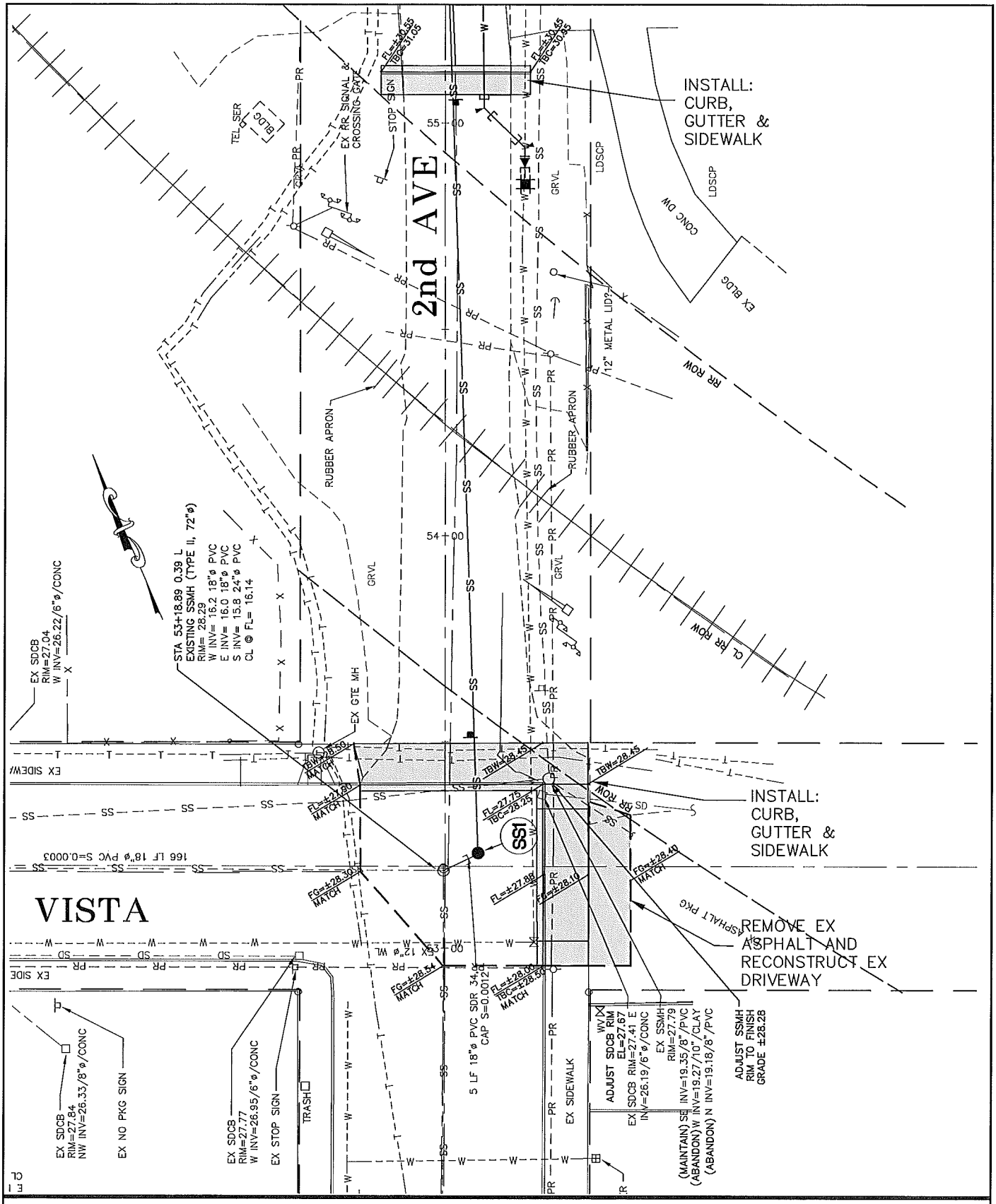
2nd AVENUE STREET IMPROVEMENTS

7-23-09

07038

CURVE TABLE

	CURVE	BEGIN STATION/OFFSET	FLOWLINE ELEVATION BEGIN	MID	END	END STATION/OFFSET	LENGTH	RADIUS	DELTA
NW LEG	C2	2ND AVE(02) 28+83.51, 20.10'L	46.07	45.81	44.99	2ND AVE(02) 29+73.31, 23.43'L	93.39'	316.00	16°56'02"
	C3	2ND AVE(02) 29+73.31, 23.43'L	44.99	44.45	44.01	2ND AVE(02) 28+46.15, 20.67'L	35.13'	74.00	27°12'08"
	C4	2ND AVE(02) 28+46.15, 20.67'L	44.01	42.84	41.73	2ND AVE(02) 27+81.90, 65.27'L= THORNTON(03) 50+68.79, 37.11'R	74.95'	63.00	64°10'01"
	C5	2ND AVE(02) 27+81.90, 65.27'L= THORNTON(03) 50+68.79, 37.11'R	41.73	41.02	40.43	2ND AVE(02) 27+63.07, 110.99'L= THORNTON(03) 51+12.46, 18.18'R	47.78'	157.00	17°26'10"
SW LEG	C9	THORNTON(03) 51+13.27, 18.62'L	40.20	40.34	40.47	THORNTON(03) 51+217.70, 17.68'L	13.60'	224.00	3°28'45"
	C10	THORNTON(03) 51+217.70, 17.68'L	40.47	41.35	42.23	2ND AVE(02) 26+79.60, 47.12'L	80.10'	70.00	65°33'40"
	C11	2ND AVE(02) 26+79.60, 47.12'L	42.23	42.95	43.44	2ND AVE(02) 26+18.31, 22.51'L	66.48'	168.00	22°40'20"
	C12	2ND AVE(02) 26+17.63, 26.20'L	43.49	43.61	43.39	2ND AVE(02) 25+37.63, 23.00'L	73.93'	164.00	25°49'40"
	C13	2ND AVE(02) 25+37.63, 23.00'L	43.39	??	??	2ND AVE(02) 24+01.55, 23.03'L	121.35'	183.00	37°59'39"
SE LEG	C14	2ND AVE(02) 24+13.34, 23.00'R	41.81	???	43.68	2ND AVE(02) 25+86.32, 23.00'R	192.30'	229.00	48°06'46"
	C15	2ND AVE(02) 25+96.80, 19.96'R	43.68	43.65	43.62	2ND AVE(02) 26+08.82, 19.42'R	12.03'	226.00	3°03'02"
	C16	2ND AVE(02) 26+08.82, 19.42'R	43.62	43.28	42.39	2ND AVE(02) 26+75.36, 51.65'R= THORNTON(03) 49+55.31, 62.15'L	77.42'	74.00	60°02'36"
	C17	2ND AVE(02) 26+75.36, 51.65'R= THORNTON(03) 49+55.31, 62.15'L	42.39	42.33	41.99	THORNTON(03) 48+70.50, 22.74'L	109.20'	630.00	9°55'54"
	C18	THORNTON(03) 48+69.68, 26.63'L	41.99	41.94	41.90	THORNTON(03) 48+36.04, 19.87'L	38.11'	634.00	3°26'38"
	C19	THORNTON(03) 48+36.04, 19.87'L	41.90	41.84	41.76	THORNTON(03) 47+69.96, 17.00'L	71.07'	467.00	8°43'11"
	C20	THORNTON(03) 47+69.96, 17.00'L	41.76	41.17	40.68	THORNTON(03) 45+74.35, 17.00'L	193.39'	1483.00	7°28'17"
NE LEG	C21	THORNTON(03) 45+74.31, 20.00'R	40.38	41.10	41.84	THORNTON(03) 47+65.37, 20.00'R	193.56'	1520.00	7°17'47"
	C22	THORNTON(03) 47+65.37, 20.00'R	41.81	41.92	42.02	THORNTON(03) 47+89.25, 20.56'R	23.09'	430.00	3°04'37"
	C23	THORNTON(03) 48+00.02, 13.55'R	42.13	42.82	43.50	THORNTON(03) 49+56.65, 70.55'R= 2ND AVE(02) 27+95.88, 47.66'R	147.55'	90.00	93°55'50"
	C24	THORNTON(03) 49+56.65, 70.55'R= 2ND AVE(02) 27+95.88, 47.66'R	43.50	43.76	43.79	2ND AVE(02) 28+49.76, 23.06'R	65.06'	325.00	11°28'12"



R&E

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ENGINEERING, INC.
423 Front St, Ste 201 Lynden, WA 98264
Phone 360-354-3687 FAX 360-354-0407

2nd AVENUE STREET IMPROVEMENTS

7-22-09 NTS 07038

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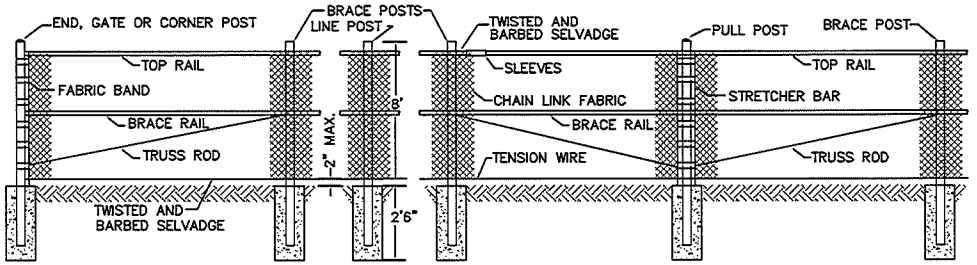
REICHHARDT & EBE
ENGINEERING, INC.
423 Front St, Ste 201 Lynden, WA 98264
Phone 360-354-3687 FAX 360-354-0407

2nd AVENUE STREET IMPROVEMENTS

7-21-09

07038

TYPE	MEMBER																		
	BRACE RAIL & TOP RAIL						LINE & BRACE POST						END, CORNER & PULL POST				GATE POST		ALL POSTS
	ROUND		H-COLUMN		ROLL FORMED		ROUND		H-COLUMN		ROLL FORMED		ROUND		ROLL FORMED		ROUND		
	I.D. PIPE (INCHES)	WEIGHT PER FOOT (POUNDS)	SIZE (INCHES)	WEIGHT PER FOOT (POUNDS)	SIZE (INCHES)	WEIGHT PER FOOT (POUNDS)	I.D. PIPE (INCHES)	WEIGHT PER FOOT (POUNDS)	SIZE (INCHES)	WEIGHT PER FOOT (POUNDS)	SIZE (INCHES)	WEIGHT PER FOOT (POUNDS)	I.D. PIPE (INCHES)	WEIGHT PER FOOT (POUNDS)	SIZE (INCHES)	WEIGHT PER FOOT (POUNDS)	I.D. PIPE (INCHES)	WEIGHT PER FOOT (POUNDS)	LENGTH
1(MOD)	1 1/4	2.27	1 1/4 x 1 5/8	1.35	1 5/8 x 1 1/4	1.35	2	3.65	2 1/4	4.0	1 5/8 x 1 7/8	2.34	2 1/2	5.79	3 1/2 x 3 1/2	5.14	3 1/2	9.1	10'-2"



CHAIN LINK FENCE TYPE 1 (MOD)
NTS

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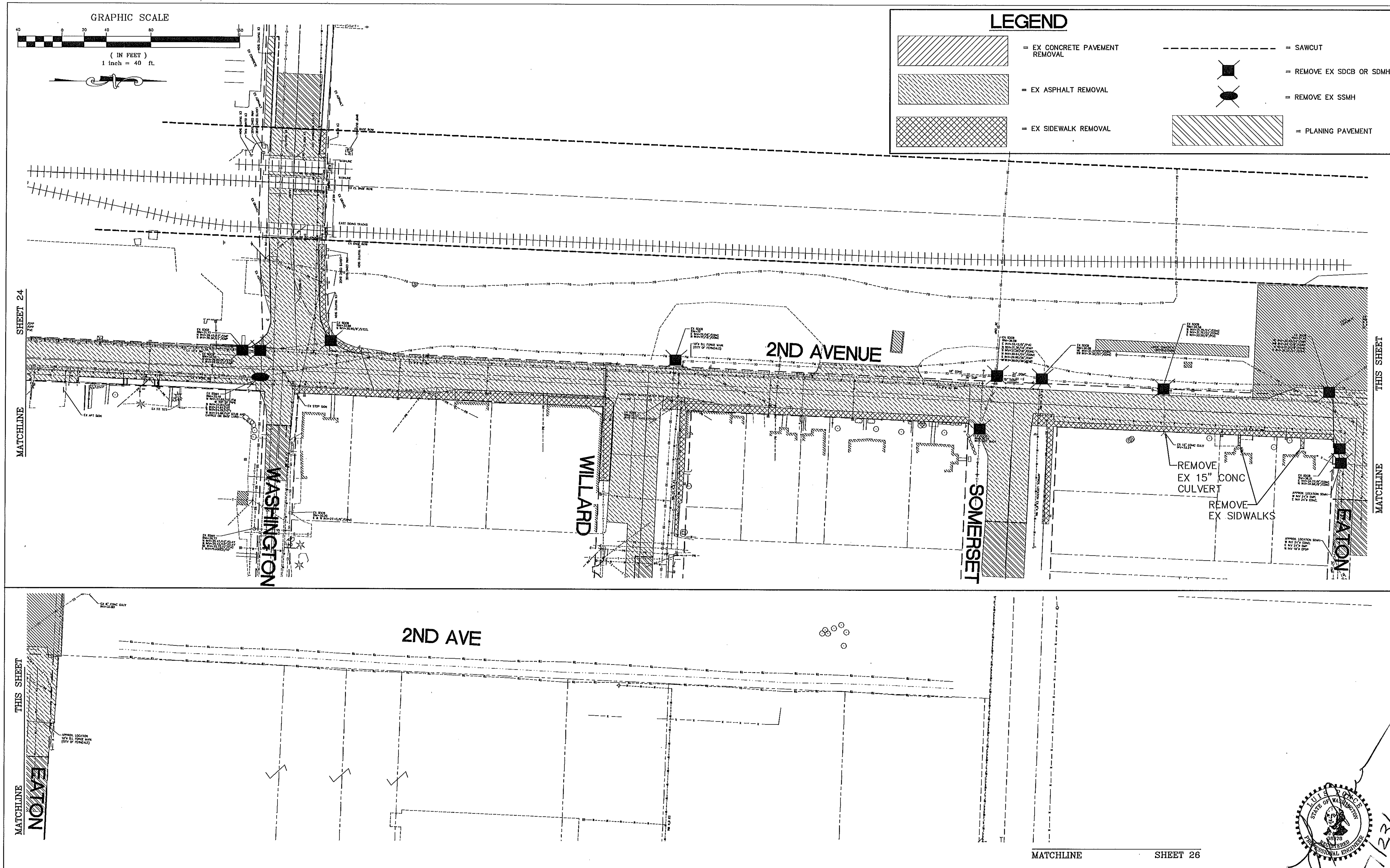
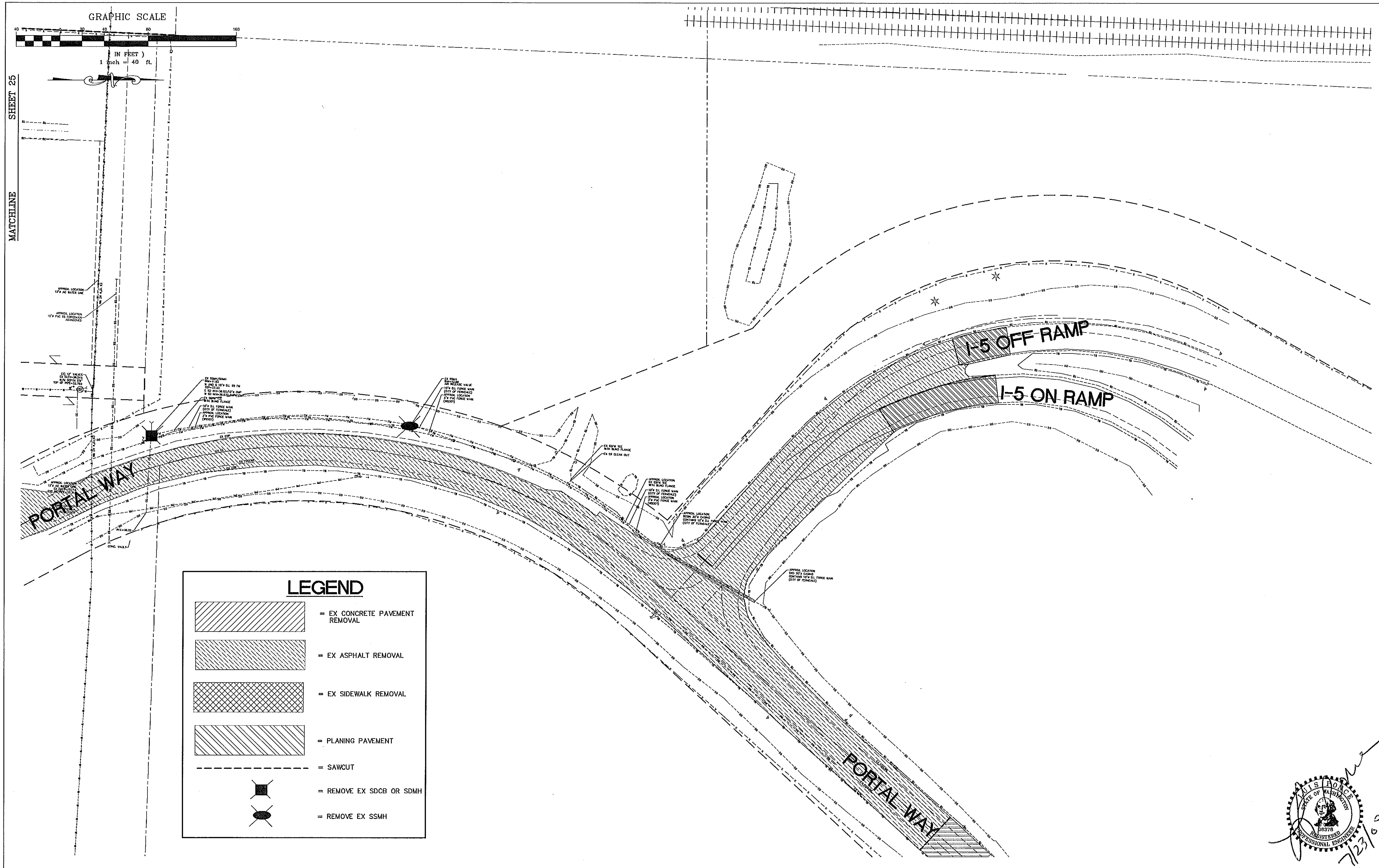


DESIGNED BY LP DRAWN BY MLK/LMC CHECKED BY	R&E REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	NO.	DATE	REVISION	BY	CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248	2ND AVENUE STREET IMPROVEMENTS DEMOLITION PLAN	JOB# / DWG 07038 SP2 SCALE H:1"=40' V:N/A	DATE 7-23-09 SHEET 25 of 72
		1	7-23-09	ADDENDUM 1	LP				

7/23/09

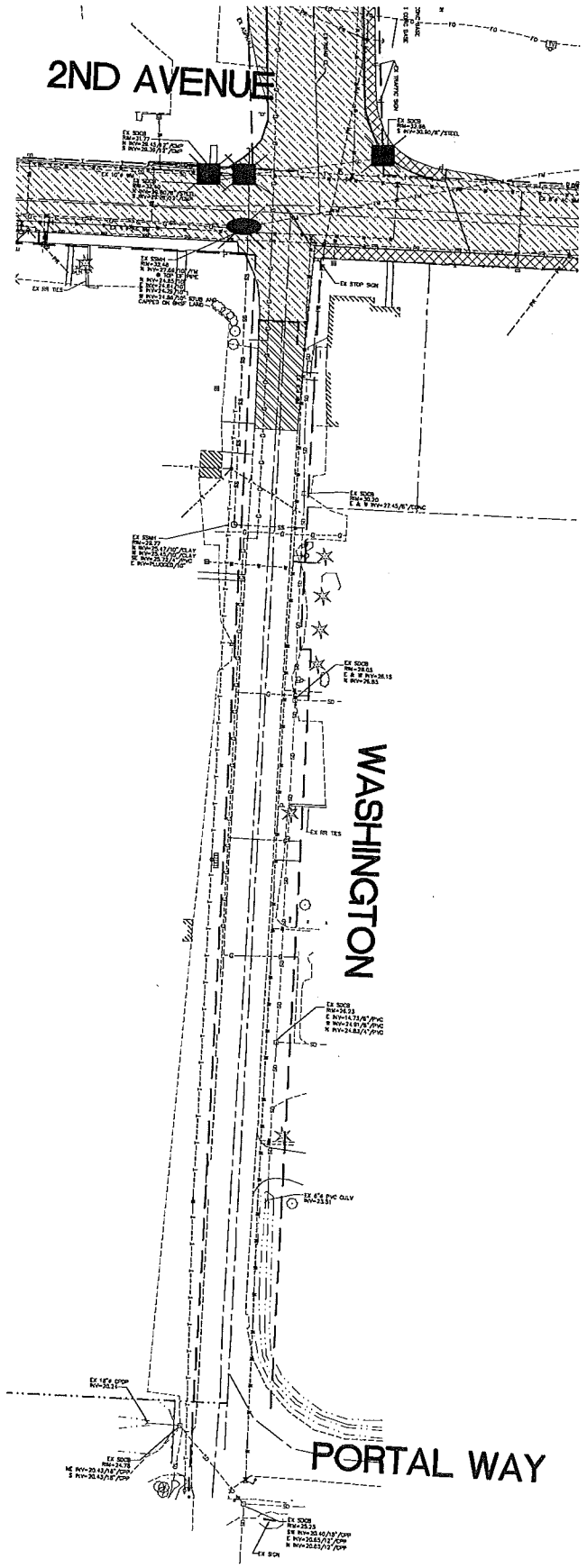


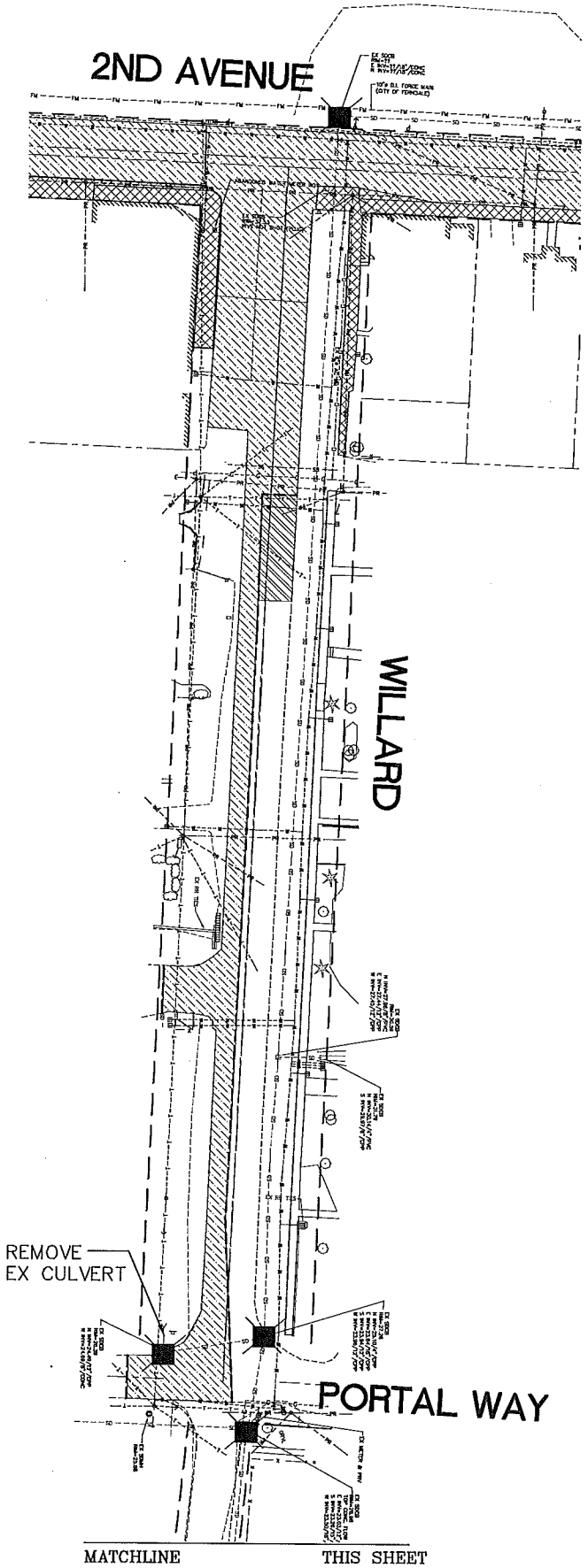
DESIGNED BY LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS	1	7-23-09	ADDENDUM 1	LP
DRAWN BY MLK/LMC	PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264	NO.	DATE	REVISION	BY
CHECKED BY	Ph (360) 354-3687 Fax (360) 354-0407				

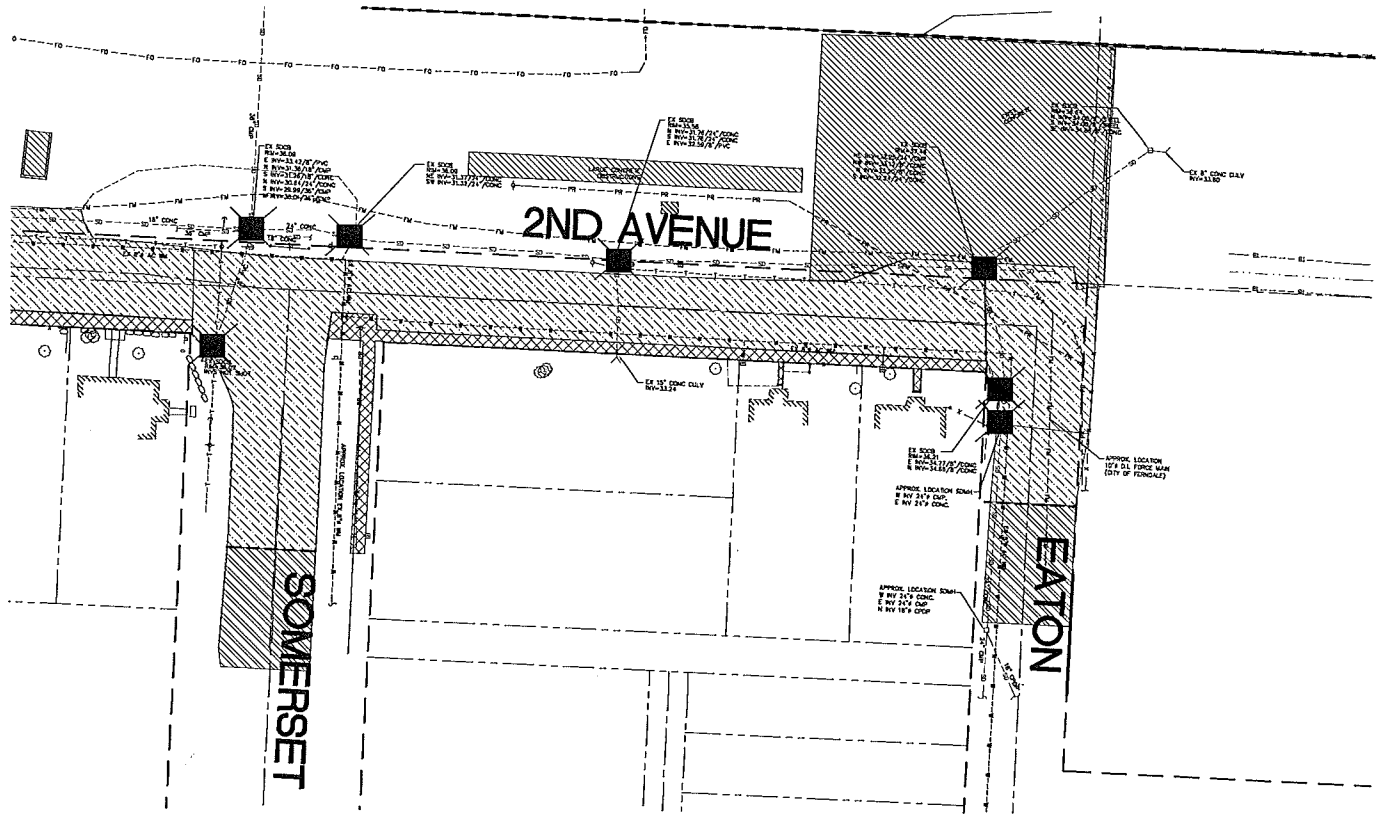
CITY OF FERNDALE
2095 MAIN STREET
FERNDALE, WA 98248

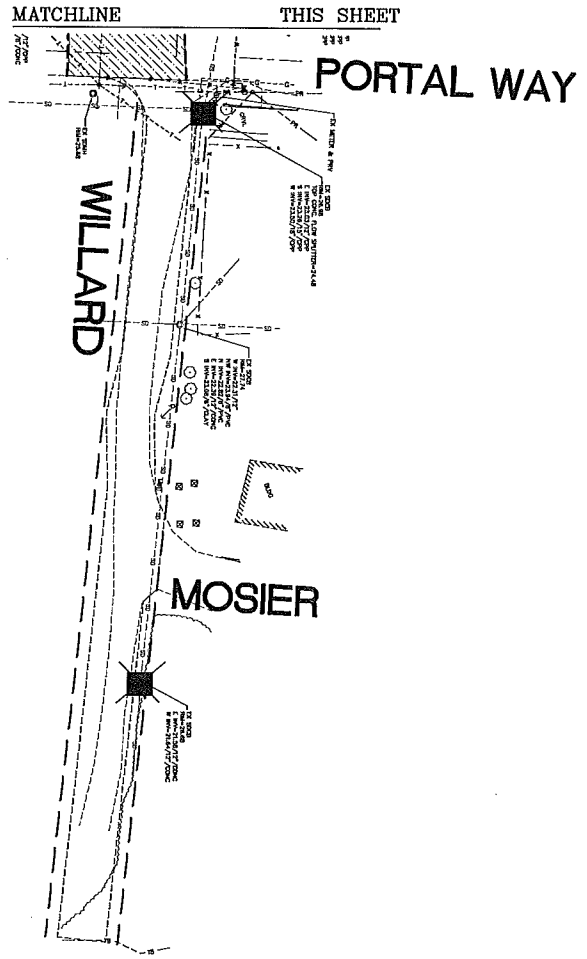
2ND AVENUE
STREET IMPROVEMENTS
DEMOLITION PLAN

JOB# / DWG 07038 SP2
SCALE H:1"=40' V:N/A
DATE 7-23-09
SHEET 26 of 72









GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

LEGEND

- = EX CONCRETE PAVEMENT REMOVAL
- = EX ASPHALT REMOVAL
- = EX SIDEWALK REMOVAL
- = PLANING PAVEMENT
- = SAWCUT
- = REMOVE EX SDCB OR SDMH
- = REMOVE EX SSMH

LEVIS PRINCE STATE OF WASHINGTON 38378 REGISTERED PROFESSIONAL ENGINEER 7/23/09

	DESIGNED BY LP DRAWN BY MLK/LMC CHECKED BY	R&E REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	1	7-23-09	ADDENDUM 1	LP	CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248
			NO.	DATE	REVISION	BY	

2ND AVENUE
STREET IMPROVEMENTS
DEMOLITION PLAN

JOB# / DWG		DATE
07038	SP2	7-23-09
SCALE		SHEET
H: 1"=40'	V: N/A	28 of 72

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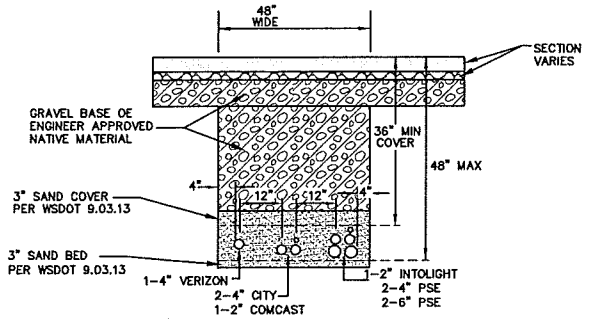
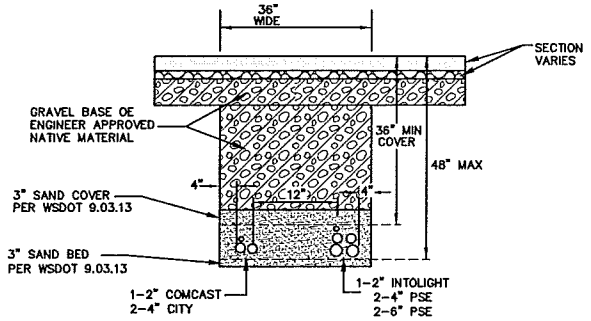
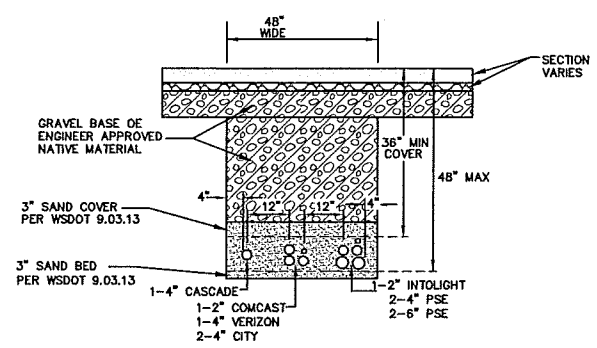


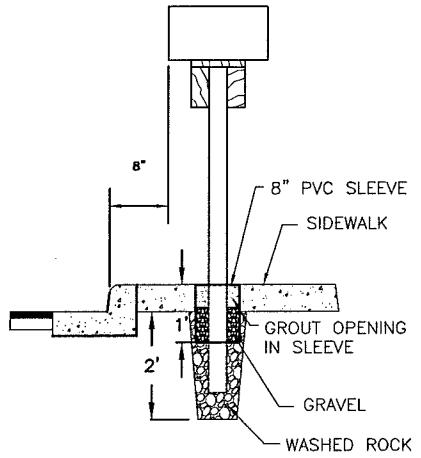
COMMON UTILITY TRENCH
APPROX STA 2+56 TO 13+39



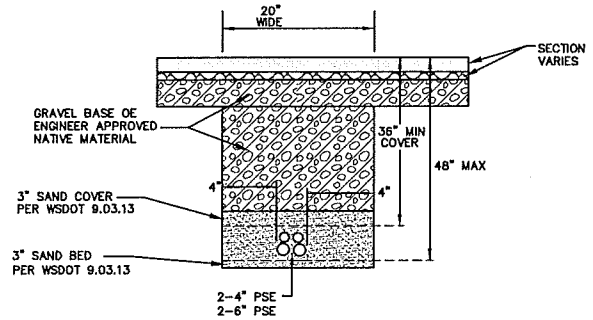
COMMON UTILITY TRENCH
APPROX STA 13+39 TO 22+68



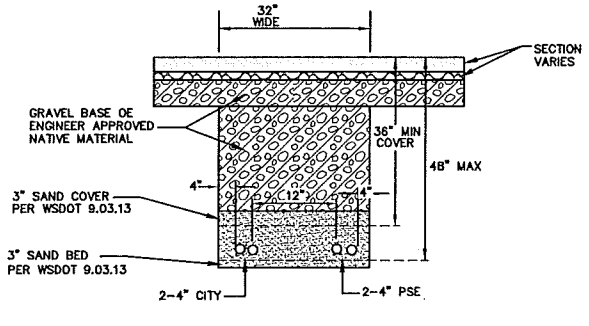
COMMON UTILITY TRENCH
APPROX STA 22+68 TO 23+98



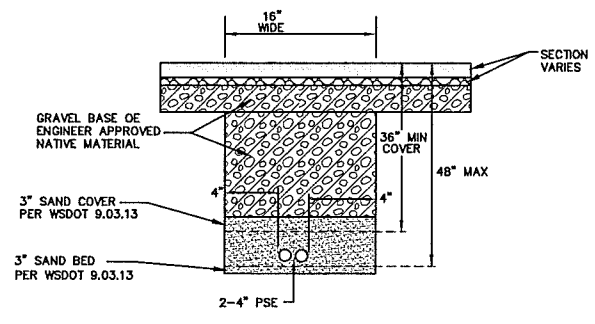
MAILBOX POST DETAIL
NTS



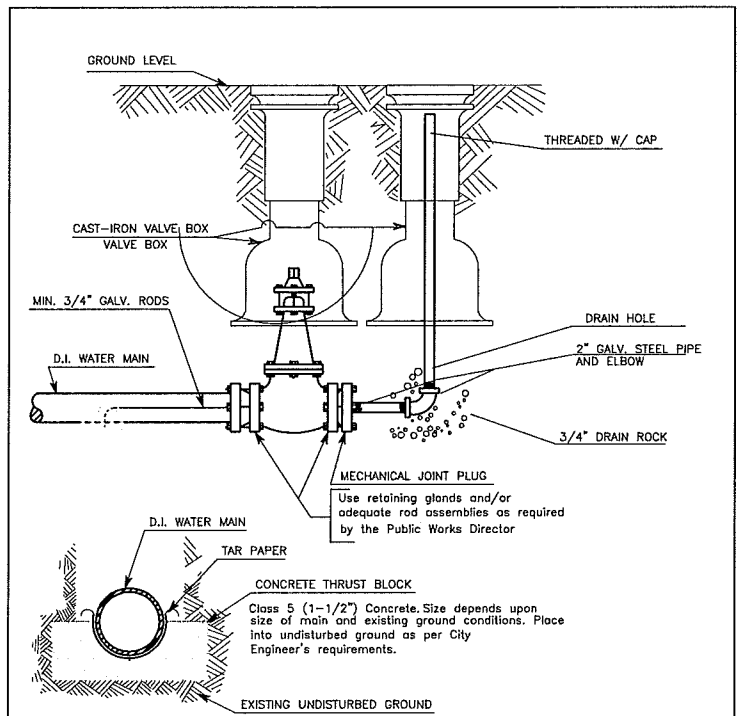
COMMON UTILITY TRENCH
CROSSING APPROX STA 3+40
(LENGTH APPROX 80')



COMMON UTILITY TRENCH
CROSSING APPROX STA 5+11
(LENGTH APPROX 80')



COMMON UTILITY TRENCH
CROSSING APPROX STA 6+35
(LENGTH APPROX 80')

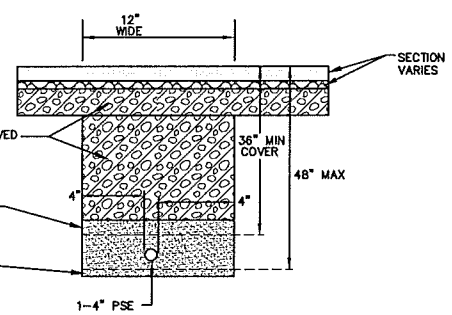


2" blow-off to be used where the main will be extended in the future. For mains with no further extention, refer to 2" blowoff, non-extendable main.

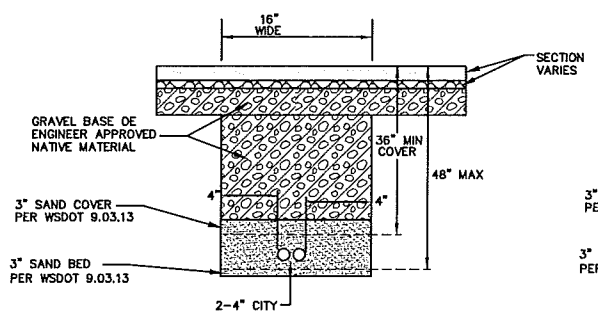
NOT TO SCALE

APPROVED		CITY OF FERNDALE	DRAWING
Public Works Director	Date	2" BLOW-OFF WATER MAIN EXTENSION	W-9

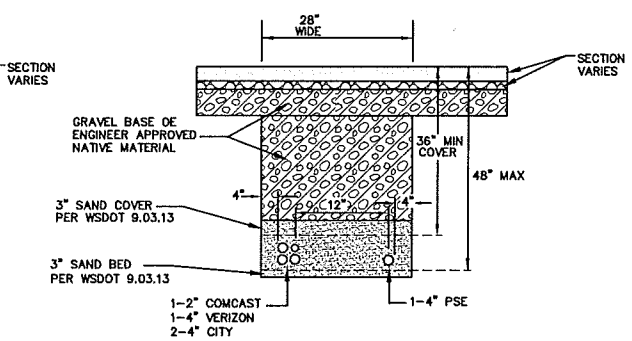
JULY 2001



COMMON UTILITY TRENCH
CROSSING APPROX STA 4+31, 5+72, 7+00
(LENGTH APPROX 80')



COMMON UTILITY TRENCH
CROSSING APPROX STA 10+37, 19+00
(LENGTH APPROX 80')



COMMON UTILITY TRENCH
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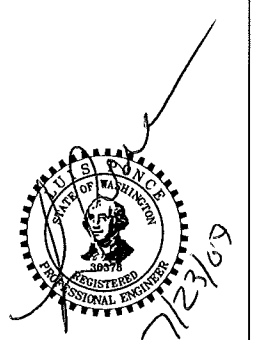
(LENGTH APPROX 70')



	DESIGNED BY LP DRAWN BY LMC CHECKED BY	R&E	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	1 NO.	7-23-09 DATE	ADDENDUM 1 REVISION	LP BY	CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248	2ND AVENUE STREET IMPROVEMENTS DETAIL SHEET

JOB# / DWG		DATE
07038	DET	7-23-09
SCALE		SHEET
H: N/A	V: N/A	66 of 72

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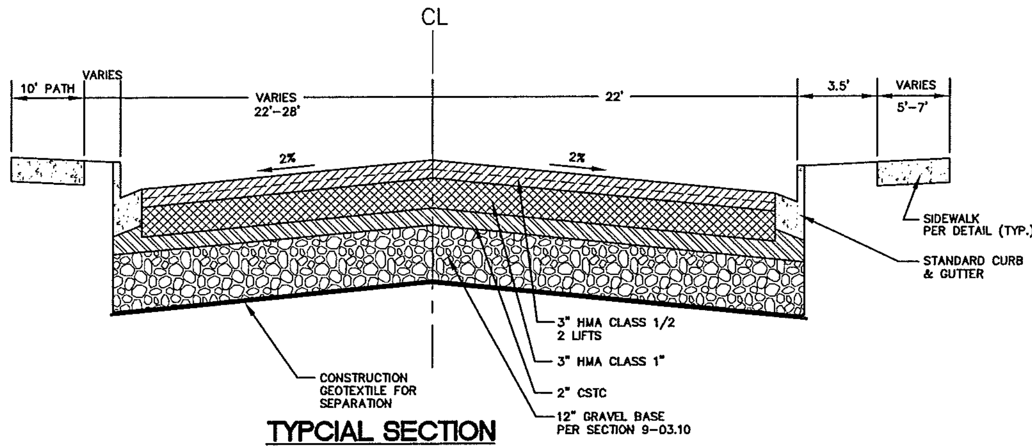
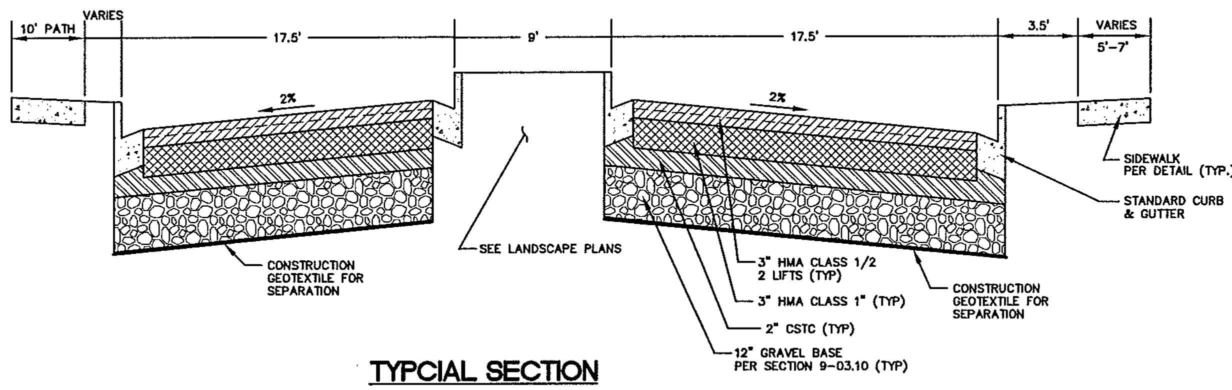


TYPCIAL SECTION

STA 5+00

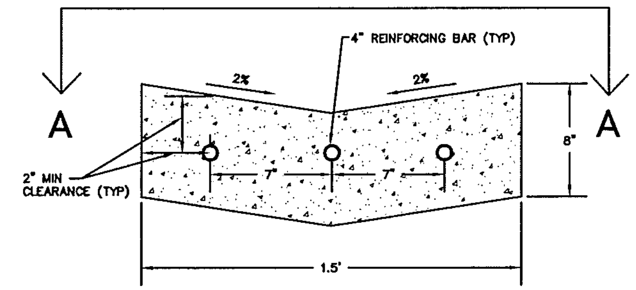
NTS



TYPCIAL SECTION

STA 11+00

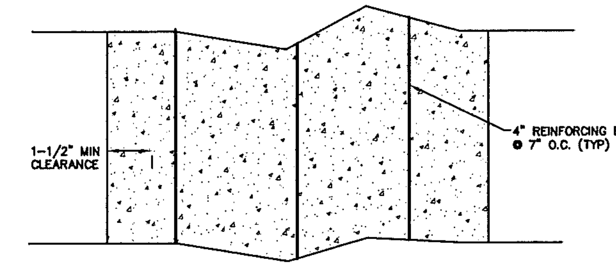
NTS



CEMENT CONCRETE GUTTER

STA 6+72 L TO 8+01 L (2nd AVE)

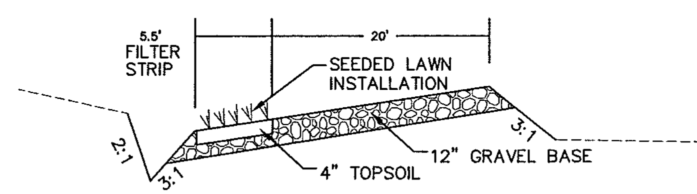
NTS



CEMENT CONCRETE GUTTER

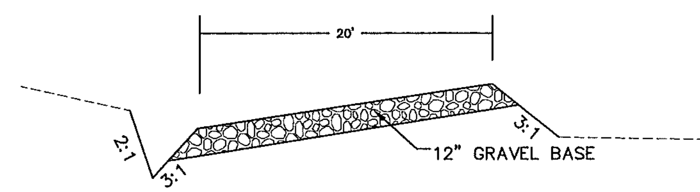
SECTION A-A

NTS



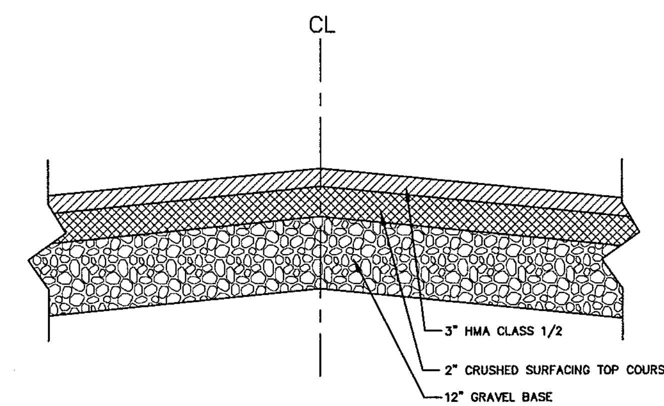
TYPICAL SECTION
THORNTON LEG ALIGNMENT
APPROX STA 52+00 TO 61+15

NTS



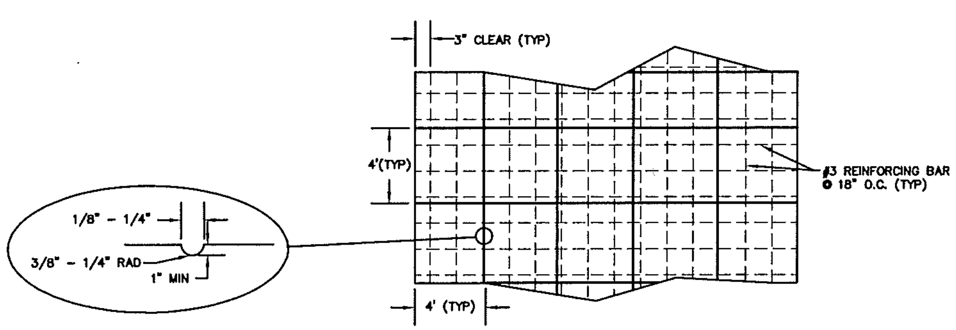
TYPICAL SECTION
THORNTON LEG ALIGNMENT
APPROX STA 61+15 TO 69+00

NTS



TYPCIAL SECTION
EATON, SOMERSET, WILLARD,
2ND AVE (S. OF WASHINGTON),
AND PARKING LOT

NTS



TEXTURED DRIVEWAY

APPROX STA 2+83, 31'R TO 3+23, 30.56'R

NTS

LUIS PONCE
STATE OF WASHINGTON
38398
REGISTERED PROFESSIONAL ENGINEER
7/23/09

DESIGNED BY	LP	REICHHARDT & EBE ENGINEERING, INC. CONSULTING ENGINEERS PO Box 978 423 Front St., Ste 201 Lynden, Washington 98264 Ph (360) 354-3687 Fax (360) 354-0407	NO.	DATE	REVISION	BY	CITY OF FERNDALE 2095 MAIN STREET FERNDALE, WA 98248	2ND AVENUE STREET IMPROVEMENTS DETAIL SHEET	JOB# / DWG 07038 DET	DATE 7-23-09
DRAWN BY	LMC		1	7-23-09	ADDENDUM 1	LP			SCALE H:N/A V:N/A	SHEET 67 of 72
CHECKED BY										

GeoTest

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Bellingham, WA 98225

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Arlington, WA 98223

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360 733_7318

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July 15, 2009
Job No. 09-0380

Reichhardt & Ebe Engineering
PO Box 978
Lynden, WA 98264

Attn.: Luis Ponce

Re: Subsurface Soil Explorations
Proposed Directional Boring
Thornton Road Rail Road Crossing
Thornton Road
Ferndale, Washington

Dear Mr. Ponce,

As requested, GeoTest Services, Inc. is pleased to submit this letter summarizing the results of our two test pit explorations for the proposed directional boring to be located under the existing rail road crossing at the east end of Thornton Road in Ferndale, Washington. The purpose of this investigation was to establish the subsurface soil and groundwater conditions within the proposed entry and exit points of the directional boring location.

Surface conditions at the site currently consist of asphalt pavement within the active portion of Thornton Road. The proposed directional boring will be located along the southern portion of the road right-of-way just south of the paved portion of the road. The west exploration location was generally vegetated with field grass typical of a normal pasture or hayfield setting. The east exploration was located within a heavily brushed and partially wooded location. A moderately deep drainage ditch approximately parallel with the proposed boring alignment is also located between our east exploration location and the rail road tracks. Except for the drainage ditch the topography is generally flat with a slight slope down from west to east.

GeoTest advanced two test pits each at approximately 100 feet east and west of the rail road tracks along the south side of the road on July 14, 2009. Test pit TP-1 was located west of the tracks and test pit TP-2 was located east of the tracks. Generally the subsurface soil conditions encountered a thin topsoil horizon over brown, damp, medium dense, silty sands (SM) to a depth of approximately 7 feet below existing ground surface (BGS). Beneath the near surface silty sands, gray, medium dense, wet to saturated, fine to medium grained sand (SP) was encountered to the full exploration depths of approximately 8.5 feet at both test pits. We understand that the proposed directional boring will be as much as 15 feet below the ground surface. Therefore, most of the directional boring alignment should be anticipated to be within medium dense saturated sands below the water table. Logs of both test pit explorations are attached to this report, Figure 3. Both test pits were backfilled immediately.

Moderate to rapid groundwater seepage was encountered within the generally clean sands at a depth of approximately 7.5 feet BGS in both test pits. Based on the observed mottling, it would appear that this groundwater depth remains relatively constant throughout the year with an apparent fluctuation of approximately one foot.

We hope this provides you with the information that you desire. We are available to provide additional exploration and/or consulting regarding the subject site soil conditions upon request.

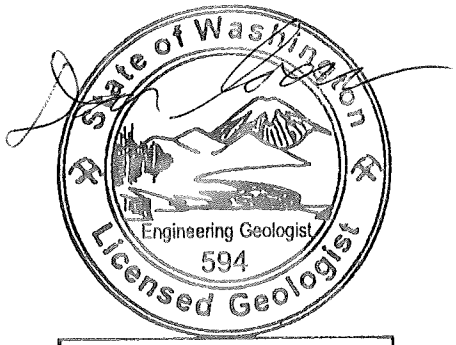
Limitations

GeoTest Services has prepared this report for the exclusive use of Reichhardt and Ebe Engineering and their representatives for specific application to the design and construction of the proposed directional boring project. Use of this report by others or for another project is at the user's sole risk. Within the limitations of scope, schedule, and budget, our services have been conducted in accordance with generally accepted practices of the geotechnical engineering profession; no other warranty, express or implied, is made as to the professional advice included in this report.

Our site explorations indicate subsurface conditions at the dates and locations indicated. It is not warranted that they are representative of subsurface conditions at other locations and times. The recommendations contained in this report are based on site conditions to the limited depth of our explorations at the time of our exploration program and the known geology of the area. We assume that the explorations are representative of the subsurface conditions throughout the subject area however varying conditions may be encountered within areas not specifically explored.

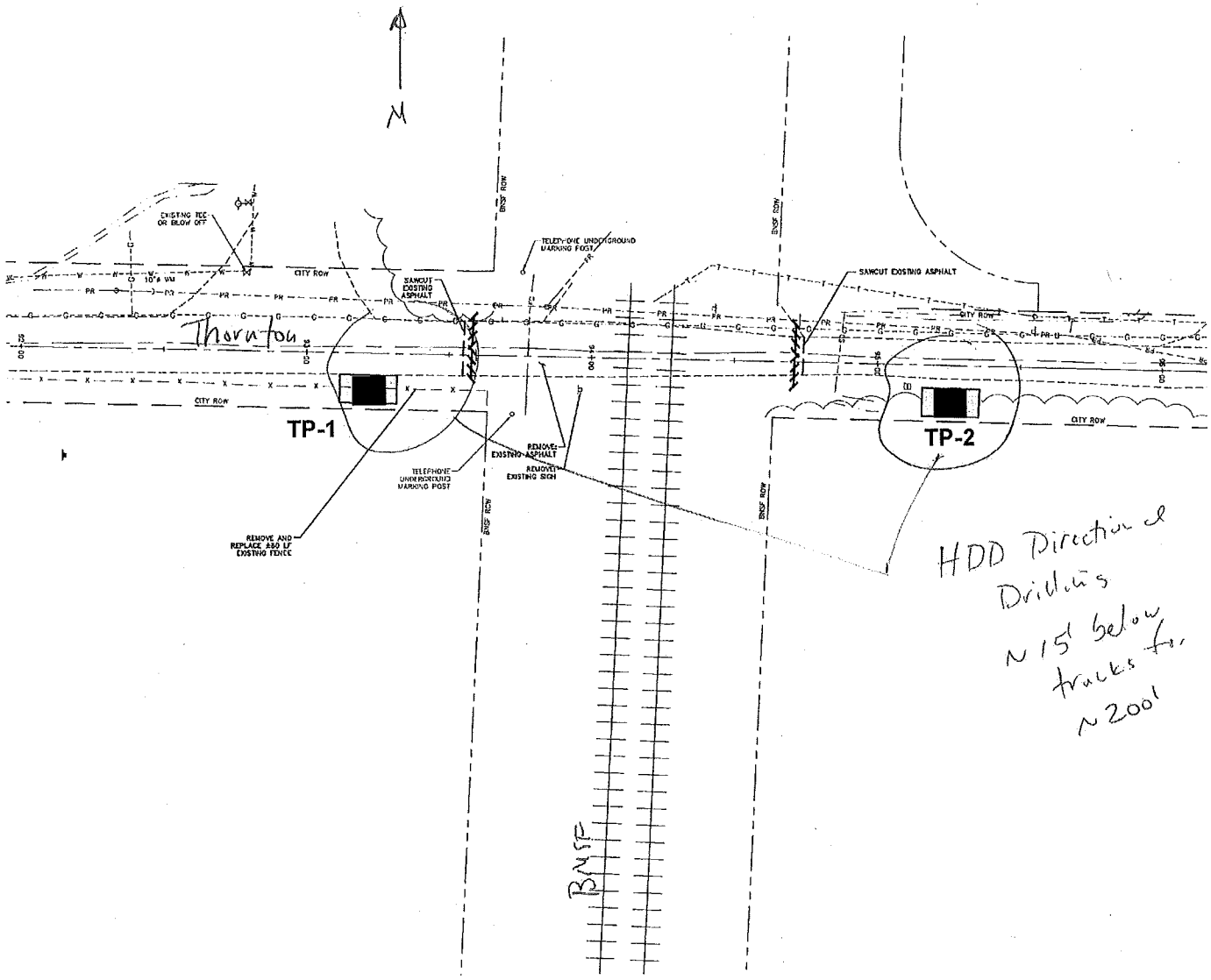
We appreciate the opportunity to provide geotechnical services on this project and look forward to assisting you in the future. If you have any questions regarding the information contained in this letter, or if we may be of further service, please contact the undersigned.

Respectfully Submitted,
GeoTest Services, Inc.



Dan Sorenson, L.E.G.
Engineering Geologist

Attach: Figure 1 Site and Exploration Plan
Figure 2 Soil Classification System and Key
Figure 3 Test Pit Logs



NORTH

■ = Approximate Location of Test Pit

Reference Map Provided By Client

GEOTEST SERVICES, INC.
741 Marine Drive
Bellingham, WA 98225
phone: (360) 733-7318
fax: (360) 733-7418

Date: 7-15-09	By: DS	Scale: none	Project 09-0380

SITE AND EXPLORATION PLAN
THORNTON ROAD DIRECTIONAL BORING
THORNTON ROAD
FERNDALE, WASHINGTON

Figure 1

Soil Classification System

MAJOR DIVISIONS			GRAPHIC SYMBOL	USCS LETTER SYMBOL	TYPICAL DESCRIPTIONS[1][2]
COARSE-GRAINED SOIL (More than 50% of material is larger than No. 200 sieve size)	GRAVEL AND GRAVELLY SOIL (More than 50% of coarse fraction retained on No. 4 sieve)	CLEAN GRAVEL (Little or no fines)		GW	Well-graded gravel; gravel/sand mixture(s); little or no fines
				GP	Poorly graded gravel; gravel/sand mixture(s); little or no fines
		GRAVEL WITH FINES (Appreciable amount of fines)		GM	Silty gravel; gravel/sand/silt mixture(s)
				GC	Clayey gravel; gravel/sand/clay mixture(s)
	SAND AND SANDY SOIL (More than 50% of coarse fraction passed through No. 4 sieve)	CLEAN SAND (Little or no fines)		SW	Well-graded sand; gravelly sand; little or no fines
				SP	Poorly graded sand; gravelly sand; little or no fines
		SAND WITH FINES (Appreciable amount of fines)		SM	Silty sand; sand/silt mixture(s)
				SC	Clayey sand; sand/clay mixture(s)
FINE-GRAINED SOIL (More than 50% of material is smaller than No. 200 sieve size)	SILT AND CLAY (Liquid limit less than 50)			ML	Inorganic silt and very fine sand; rock flour; silty or clayey fine sand or clayey silt with slight plasticity
				CL	Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay
				OL	Organic silt; organic, silty clay of low plasticity
	SILT AND CLAY (Liquid limit greater than 50)			MH	Inorganic silt; micaceous or diatomaceous fine sand
				CH	Inorganic clay of high plasticity; fat clay
				OH	Organic clay of medium to high plasticity; organic silt
	HIGHLY ORGANIC SOIL			PT	Peat; humus; swamp soil with high organic content

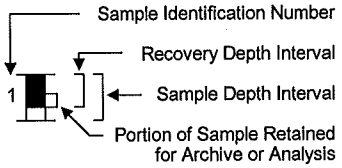
OTHER MATERIALS	GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
PAVEMENT		AC or PC	Asphalt concrete pavement or Portland cement pavement
ROCK		RK	Rock (See Rock Classification)
WOOD		WD	Wood, lumber, wood chips
DEBRIS		DB	Construction debris, garbage

Notes:
1. Soil descriptions are based on the general approach presented in the *Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)*, as outlined in ASTM D 2488. Where laboratory index testing has been conducted, soil classifications are based on the *Standard Test Method for Classification of Soils for Engineering Purposes*, as outlined in ASTM D 2487.
2. Soil description terminology is based on visual estimates (in the absence of laboratory test data) of the percentages of each soil type and is defined as follows:

Primary Constituent:	> 50%	- "GRAVEL," "SAND," "SILT," "CLAY," etc.
Secondary Constituents:	> 30% and ≤ 50%	- "very gravelly," "very sandy," "very silty," etc.
	> 12% and ≤ 30%	- "gravelly," "sandy," "silty," etc.
Additional Constituents:	> 5% and ≤ 12%	- "slightly gravelly," "slightly sandy," "slightly silty," etc.
	≤ 5%	- "trace gravel," "trace sand," "trace silt," etc., or not noted.

Drilling and Sampling Key

SAMPLE NUMBER & INTERVAL



SAMPLER TYPE

Code	Description
a	3.25-inch O.D., 2.42-inch I.D. Split Spoon
b	2.00-inch O.D., 1.50-inch I.D. Split Spoon
c	Shelby Tube
d	Grab Sample
e	Other - See text if applicable
1	300-lb Hammer, 30-inch Drop
2	140-lb Hammer, 30-inch Drop
3	Pushed
4	Other - See text if applicable

Groundwater

▽ ATD — Approximate water elevation at time of drilling (ATD) or on date noted. Groundwater levels can fluctuate due to precipitation, seasonal conditions, and other factors.

Field and Lab Test Data

Code	Description
PP = 1.0	Pocket Penetrometer, tsf
TV = 0.5	Torvane, tsf
PID = 100	Photoionization Detector VOC screening, ppm
W = 10	Moisture Content, %
D = 120	Dry Density, pcf
-200 = 60	Material smaller than No. 200 sieve, %
GS	Grain Size - See separate figure for data
AL	Atterberg Limits - See separate figure for data
GT	Other Geotechnical Testing
CA	Chemical Analysis

GEOTEST

Thornton Road Directional Boring
Thornton Road
Ferndale, WA

Soil Classification System and Key

Figure 2

TP-1

SAMPLE DATA				SOIL PROFILE			GROUNDWATER
Depth (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Excavation Method: Rubber-tired Backhoe Ground Elevation (ft): unknown Excavated By: DL Sorenson	
0					SM	Tan/brown, dry, loose to medium dense, fine to medium-grained, silty SAND w/ minor gravel	
2					SM/ ML	Brown, damp, medium dense, fine to medium-grained, sandy SILT	
4							
6	1	d			SM	Brown, damp, medium dense, fine to medium grained, silty SAND	
	2	d			SP	Gray (slightly mottled), wet, medium dense, fine to medium-grained, SAND	▽ Rapid
8							
10							

Test Pit Completed 07/14/09
Total Depth of Test Pit = 8.4 ft.

TP-2

SAMPLE DATA				SOIL PROFILE			GROUNDWATER
Depth (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Excavation Method: Rubber-tired Backhoe Ground Elevation (ft): unknown Excavated By: DL Sorenson	
0					SM	Tan/brown, dry, loose, fine to medium-grained, silty SAND w/gravel, (roots to 2" and cobble to 5")	
2							
4	1	d			SM/ ML	Dark brown, moist, soft, fine-grained sandy SILT w/ occasional gravel	
6							
8					SP	Gray (slightly mottled), wet, medium dense, fine to medium-grained, SAND	▽ Moderate
10							

Test Pit Completed 07/14/09
Total Depth of Test Pit = 8.4 ft.

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

GEOTEST

Thornton Road Directional Boring
Thornton Road
Ferndale, WA

Log of Test Pits

Figure 3

GEOTEST

741 Marine Drive
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July 21, 2009
Job No. 09-0380

Reichhardt & Ebe Engineering
PO Box 978
Lynden, WA 98264

Attn.: Luis Ponce

Re: Subsurface Soil Explorations Addendum 1
Proposed Directional Boring
Thornton Road Rail Road Crossing
Thornton Road
Ferndale, Washington

Dear Mr. Ponce,

As requested, GeoTest Services, Inc. is pleased to submit this addendum to our soils letter summarizing the results of our additional subsurface investigation for the proposed directional boring to be located under the existing rail road crossing at the east end of Thornton Road in Ferndale, Washington. The purpose of this investigation was to establish the subsurface soil and groundwater conditions within the proposed entry and exit points of the directional boring location.

Subsequent to the excavation of the two test pits on July 14, 2009, two Dynamic Cone Penetrometer (DCP) tests were performed on July 17, 2009. A DCP tests includes recording the number of blows necessary to advance a pointed steel rod into the ground with a 35-pound drop hammer. The blows necessary to advance the rod into the soil have been correlated with the density of granular soil deposits and the consistency of cohesive soils.

DCP-1 was located approximately 50 feet west of the railroad tracks and encountered relatively loose soil (silty sand/sandy silt) to a depth of approximately 4 feet below ground surface (BGS). Below a depth of approximately 4 feet, medium dense to dense soil (fine to medium-grained sand) was encountered to a depth of approximately 10½ feet BGS, at which point refusal of the DCP probe was encountered. Refusal is considered the point at which the number of blows necessary to advance the probe exceeds 50 blows per 10 centimeters.

A hand-auger exploration (HA-1) was advanced on July 20th, in the vicinity of DCP-1, in an attempt to identify the dense soil layer encountered at approximately 10½ feet (BGS). HA-1 was generally consistent with our previous test pits with fine to medium-grained sand encountered below approximately 4 feet (BGS) and groundwater encountered at approximately 7½ feet (BGS). Due to sloughing of the sand at groundwater elevation the hand-auger was unable to penetrate past approximately 8 feet (BGS).

DCP-2 was located approximately 48 feet east of the railroad tracks and generally encountered medium dense soil (silty sand/sandy silt) to a depth of approximately 3½

feet (BGS) at which point an approximate 2½ foot thick horizon of very loose soils were encountered. Based upon our previous test pit (TP-2) the very loose soil horizon appears to shallow west towards the railroad tracks. The very loose soil horizon was not encountered on the west wide of the tracks. At a depth of approximately 6 feet (BGS), medium dense to dense soil (sand) was encountered to a depth of approximately 10½ feet BGS, at which point refusal of the DCP probe was encountered similar to DCP-1.

Due to the sandy soils and rapid groundwater seepage encountered at approximately 7½ feet BGS we were only able to advance our test pits to a maximum depth of approximately 8½ feet BGS. Without the use of a standard drill rig we were unable to visually characterize the soils below a depth of approximately 8½ BGS. However, based upon the results of our DCP-tests and our past experience in the vicinity of the subject site, we can provide assumptions as to the nature of the underlying soils.

Based on the known geology of the area and our visual confirmation of the sandy soils to a depth of approximately 9 feet, we anticipate that the more dense layer encountered below this elevation is either a continuation of the near surface outwash sand and gravel deposit that becomes more dense with depth or a change in soil type to the underlying Bellingham Drift soil deposit. A short distance west of the project site and upslope the Bellingham Drift soils are present immediately below the surficial topsoil. These soils tapper down to the east and underlie the outwash sand and gravels at varying depths. Therefore, it may be possible that the transition to dense or hard soils below a depth of approximately 10 feet, as identified in our DCP explorations, indicates the depth of the near surface outwash sands and possibly the transition elevation between the two referenced soil deposits. However as previously referenced, we were not able to visually confirm the soil type below a depth of approximately 8.5 feet.

It appears that the only way that we will be able to confirm the soil type and density on this project below a depth of approximately 8.5 to 10 feet is to utilize hollow stem auger drilling methods. We are available to perform additional explorations utilizing these methods upon request.

Limitations

GeoTest Services has prepared this report for the exclusive use of Reichhardt and Ebe Engineering and their representatives for specific application to the design and construction of the proposed directional boring project. Use of this report by others or for another project is at the user's sole risk. Within the limitations of scope, schedule, and budget, our services have been conducted in accordance with generally accepted practices of the geotechnical engineering profession; no other warranty, express or implied, is made as to the professional advice included in this report.

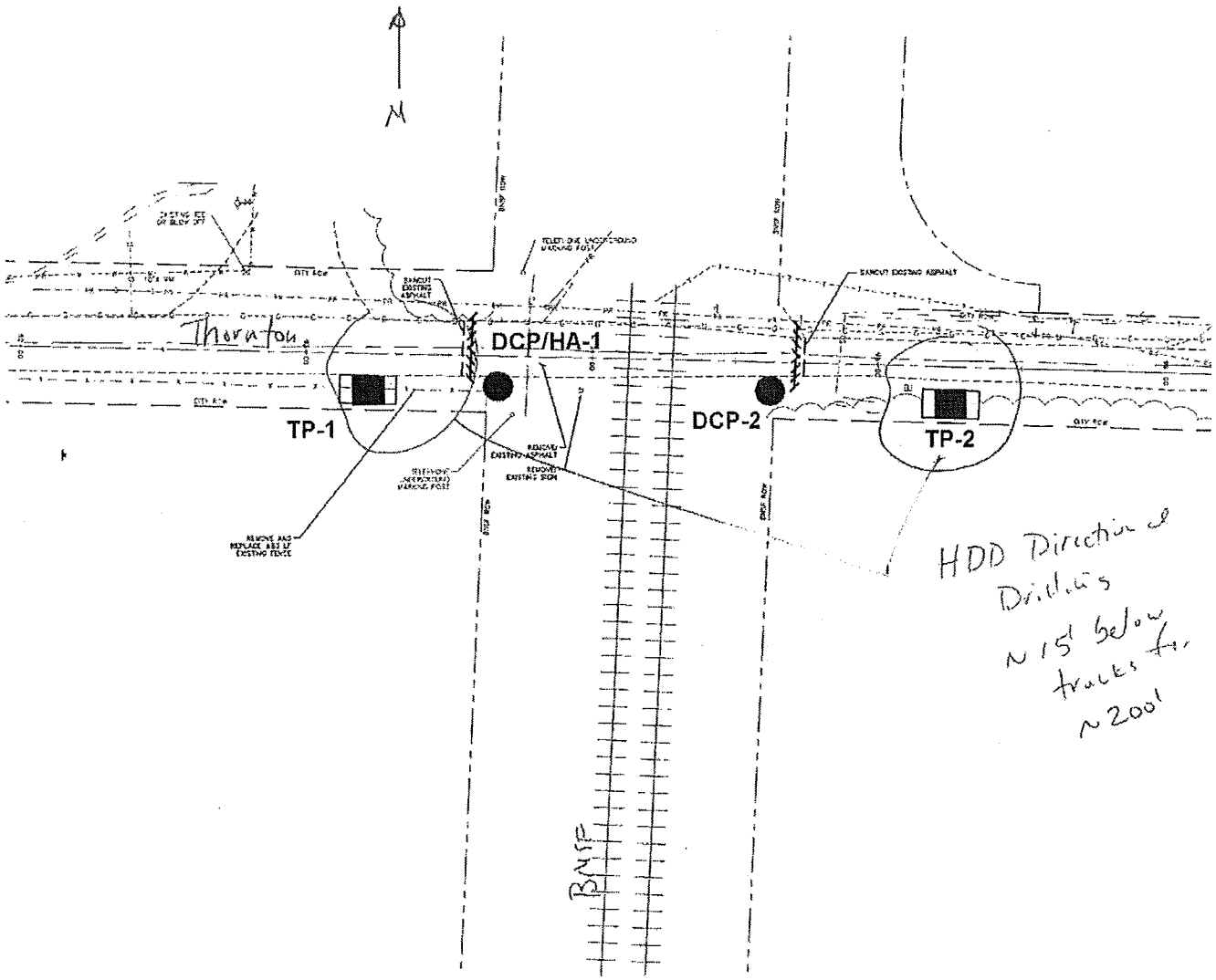
Our site explorations indicate subsurface conditions at the dates and locations indicated. It is not warranted that they are representative of subsurface conditions at other locations and times. The recommendations contained in this report are based on site conditions to the limited depth of our explorations at the time of our exploration program and the known geology of the area. We assume that the explorations are representative of the subsurface conditions throughout the subject area however varying conditions may be encountered within areas not specifically explored.

We appreciate the opportunity to provide geotechnical services on this project and look forward to assisting you in the future. If you have any questions regarding the information contained in this letter, or if we may be of further service, please contact the undersigned.

Respectfully Submitted,
GeoTest Services, Inc.

Dan Sorenson, L.E.G.
Engineering Geologist

Attach: Figure 1 Site and Exploration Plan
Figure 2 Soil Classification System and Key
Figure 3 Test Pit Logs
Figure 4 Hand Auger Log
DCP Logs (2 pages)



NORTH

● = Approximate Location of DCP/HA Exploration

■ = Approximate Location of Test Pit

Reference Map Provided By Client

GEOTEST SERVICES, INC.
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Bellingham, WA 98225
phone: (360) 733-7318
fax: (360) 733-7418

Date: 7-21-09	By: DS	Scale: none	Project
			09-0380

SITE AND EXPLORATION PLAN
THORNTON ROAD DIRECTIONAL BORING
THORNTON ROAD
FERNDALE, WASHINGTON

Figure
1

Soil Classification System

MAJOR DIVISIONS			GRAPHIC SYMBOL	USCS LETTER SYMBOL	TYPICAL DESCRIPTIONS[1][2]
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				SC	Clayey sand; sand/clay mixture(s)
FINE-GRAINED SOIL (More than 50% of material is smaller than No. 200 sieve size)	SILT AND CLAY (Liquid limit less than 50)			ML	Inorganic silt and very fine sand; rock flour; silty or clayey fine sand or clayey silt with slight plasticity
				CL	Inorganic clay of low to medium plasticity; gravelly clay; sandy clay; silty clay; lean clay
				OL	Organic silt; organic, silty clay of low plasticity
	SILT AND CLAY (Liquid limit greater than 50)			MH	Inorganic silt; micaceous or diatomaceous fine sand
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				OH	Organic clay of medium to high plasticity; organic silt
	HIGHLY ORGANIC SOIL			PT	Peat; humus; swamp soil with high organic content

OTHER MATERIALS	GRAPHIC SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
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WOOD		WD	Wood, lumber, wood chips
DEBRIS		DB	Construction debris, garbage

Notes:
1. Soil descriptions are based on the general approach presented in the *Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)*, as outlined in ASTM D 2488. Where laboratory index testing has been conducted, soil classifications are based on the *Standard Test Method for Classification of Soils for Engineering Purposes*, as outlined in ASTM D 2487.
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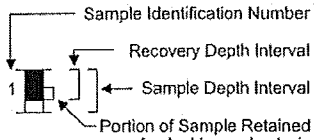
Secondary Constituents: > 30% and ≤ 50% - "very gravelly," "very sandy," "very silty," etc.
> 12% and ≤ 30% - "gravelly," "sandy," "silty," etc.
Additional Constituents: > 5% and ≤ 12% - "slightly gravelly," "slightly sandy," "slightly silty," etc.
≤ 5% - "trace gravel," "trace sand," "trace silt," etc., or not noted.

Drilling and Sampling Key

SAMPLE NUMBER & INTERVAL



SAMPLER TYPE

Code	Description
a	3.25-inch O.D., 2.42-inch I.D. Split Spoon
b	2.00-inch O.D., 1.50-inch I.D. Split Spoon
c	Shelby Tube
d	Grab Sample
e	Other - See text if applicable
1	300-lb Hammer, 30-inch Drop
2	140-lb Hammer, 30-inch Drop
3	Pushed
4	Other - See text if applicable

Groundwater

▽ ATD — Approximate water elevation at time of drilling (ATD) or on date noted. Groundwater levels can fluctuate due to precipitation, seasonal conditions, and other factors.

Field and Lab Test Data

Code	Description
PP = 1.0	Pocket Penetrometer, tsf
TV = 0.5	Torvane, tsf
PID = 100	Photoionization Detector VOC screening, ppm
W = 10	Moisture Content, %
D = 120	Dry Density, pcf
-200 = 60	Material smaller than No. 200 sieve, %
GS	Grain Size - See separate figure for data
AL	Atterberg Limits - See separate figure for data
GT	Other Geotechnical Testing
CA	Chemical Analysis

GEOTEST

Thornton Road Directional Boring
Thornton Road
Ferndale, WA

Soil Classification System and Key

Figure 2

TP-1

Depth (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Soil Profile	Groundwater
						Excavation Method: Rubber-tired Backhoe Ground Elevation (ft): unknown Excavated By: DL Sorenson	
0					SM	Tan/brown, dry, loose to medium dense, fine to medium-grained, silty SAND w/ minor gravel	
2					SM/ ML	Brown, damp, medium dense, fine to medium-grained, sandy SILT	
4							
6	1	d			SM	Brown, damp, medium dense, fine to medium grained, silty SAND	
8	2	d			SP	Gray (slightly mottled), wet, medium dense, fine to medium-grained, SAND	▽ Rapid
10							

Test Pit Completed 07/14/09
Total Depth of Test Pit = 8.4 ft.

TP-2

Depth (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Soil Profile	Groundwater
						Excavation Method: Rubber-tired Backhoe Ground Elevation (ft): unknown Excavated By: DL Sorenson	
0					SM	Tan/brown, dry, loose, fine to medium-grained, silty SAND w/gravel, (roots to 2" and cobble to 5")	
2							
4	1	d			SM/ ML	Dark brown, moist, soft, fine-grained sandy SILT w/ occasional gravel	
6							
8					SP	Gray (slightly mottled), wet, medium dense, fine to medium-grained, SAND	▽ Moderate
10							

Test Pit Completed 07/14/09
Total Depth of Test Pit = 8.4 ft.

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

GEOTEST	Thornton Road Directional Boring Thornton Road Ferndale, WA	Log of Test Pits	Figure 3

HA-1

SAMPLE DATA				SOIL PROFILE			GROUNDWATER
Depth (ft)	Sample Number & Interval	Sampler Type	Test Data	Graphic Symbol	USCS Symbol	Excavation Method: Hand Auger Ground Elevation (ft): unknown Excavated By: GeoTest	
0					SM	Tan/brown, dry, loose to medium dense, fine to medium-grained, silty SAND w/ minor gravel	
2					SM/ ML	Brown, damp, medium dense, fine to medium-grained, sandy SILT	
					SM	Gray/brown, damp, medium dense, fine to medium grained, silty SAND	
4					SP	Gray (slightly mottled), wet, medium dense, fine to medium-grained, SAND	
6							▽ Rapid
8							
10							

Test Pit Completed 07/20/09
Total Depth of Test Pit = 8.0 ft.

Notes:
1. Stratigraphic contacts are based on field interpretations and are approximate.
2. Reference to the text of this report is necessary for a proper understanding of subsurface conditions.
3. Refer to "Soil Classification System and Key" figure for explanation of graphics and symbols.

GEOTEST

Thornton Road Directional Boring
Thornton Road
Ferndale, WA

Log of Test Pits

Figure 4

WILDCAT DYNAMIC CONE LOG

GeoTest Services, Inc.
741 Marine Drive
Bellingham, WA 98225

PROJECT NUMBER: 09-0380
DATE STARTED: 07-17-2009
DATE COMPLETED: 07-17-2009

HOLE #: 1
CREW: RS/DG
PROJECT: Thornton Railroad Crossing
ADDRESS: Thornton Road
LOCATION: Ferndale, WA

SURFACE ELEVATION:
WATER ON COMPLETION:
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY SAND & SILT	TESTED CONSISTENCY CLAY
-	2	8.9	••	2	VERY LOOSE	SOFT
-	5	22.2	••••••	6	LOOSE	MEDIUM STIFF
- 1 ft	8	35.5	••••••••••	10	LOOSE	STIFF
-	8	35.5	••••••••••	10	LOOSE	STIFF
-	4	17.8	•••••	5	LOOSE	MEDIUM STIFF
- 2 ft	3	13.3	•••	3	VERY LOOSE	SOFT
-	4	17.8	•••••	5	LOOSE	MEDIUM STIFF
-	5	22.2	••••••	6	LOOSE	MEDIUM STIFF
- 3 ft	6	26.6	•••••••	7	LOOSE	MEDIUM STIFF
- 1 m	5	22.2	••••••	6	LOOSE	MEDIUM STIFF
-	4	15.4	••••	4	VERY LOOSE	SOFT
- 4 ft	6	23.2	••••••	6	LOOSE	MEDIUM STIFF
-	16	61.8	•••••••••••••••••	17	MEDIUM DENSE	VERY STIFF
-	20	77.2	••••••••••••••••••••	22	MEDIUM DENSE	VERY STIFF
- 5 ft	38	146.7	••	-	DENSE	HARD
-	30	115.8	••••••••••••••••••••••••••••••	-	DENSE	HARD
-	29	111.9	•••••••••••••••••••••••••••••	-	DENSE	HARD
- 6 ft	28	108.1	••••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	31	119.7	•••••••••••••••••••••••••••••••	-	DENSE	HARD
- 2 m	33	127.4	•••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 7 ft	33	112.9	•••••••••••••••••••••••••••••	-	DENSE	HARD
-	34	116.3	••••••••••••••••••••••••••••••	-	DENSE	HARD
-	33	112.9	•••••••••••••••••••••••••••••	-	DENSE	HARD
- 8 ft	29	99.2	••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	28	95.8	••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	24	82.1	••••••••••••••••••••••	23	MEDIUM DENSE	VERY STIFF
- 9 ft	20	68.4	••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
-	37	126.5	•••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	44	150.5	••	-	DENSE	HARD
- 3 m 10 ft	50	171.0	••	-	DENSE	HARD
-	50	153.0	••	-	DENSE	HARD
-						
-						
- 11 ft						
-						
-						
- 12 ft						
-						
-						
- 4 m 13 ft						

WILDCAT DYNAMIC CONE LOG

GeoTest Services, Inc.
741 Marine Drive
Bellingham, WA 98225

PROJECT NUMBER: 09-0380
DATE STARTED: 07-17-2009
DATE COMPLETED: 07-17-2009

HOLE #: 2
CREW: RS/DG
PROJECT: Thornton Railroad Crossing
ADDRESS: Thornton Road
LOCATION: Ferndale, WA

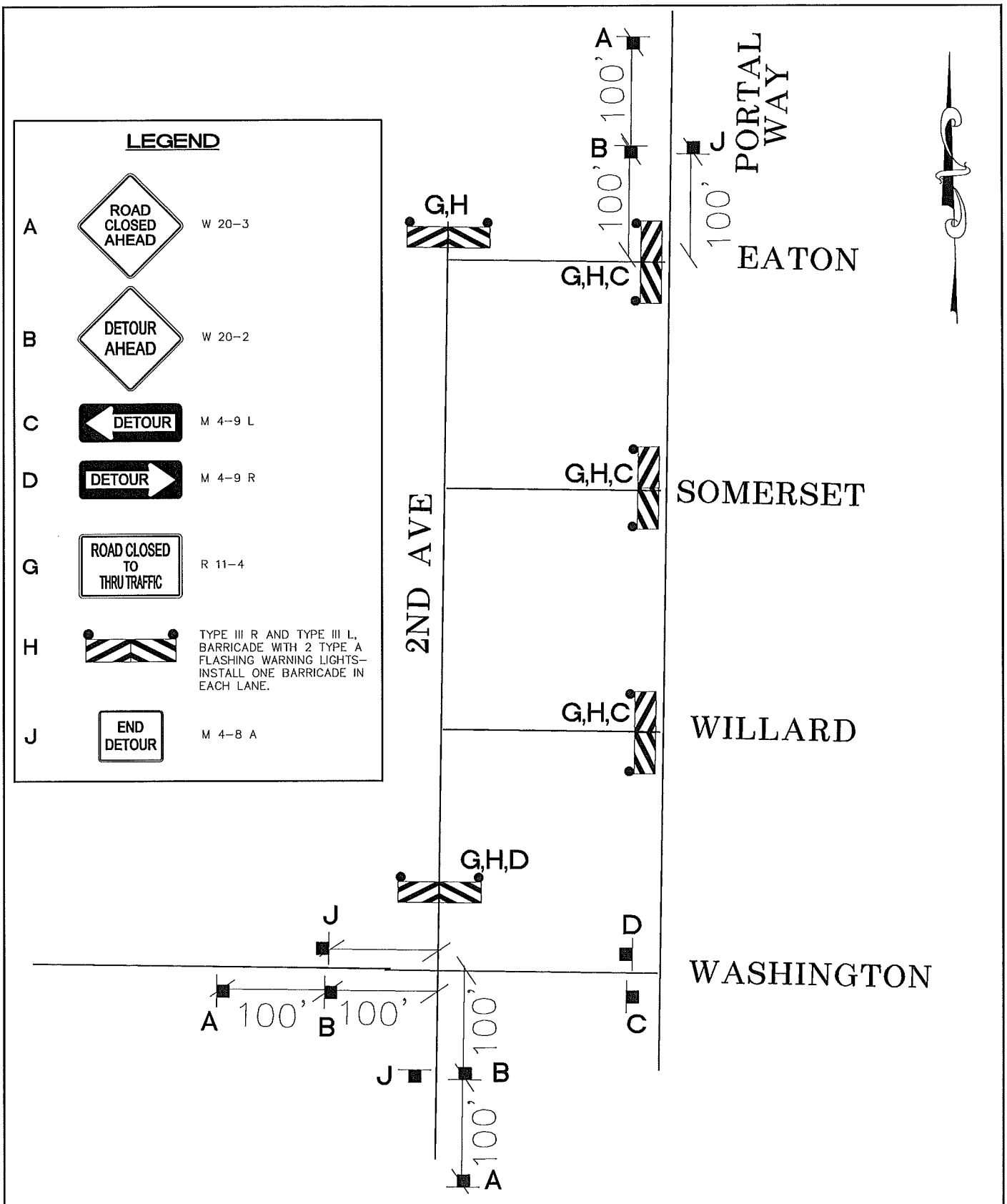
SURFACE ELEVATION:
WATER ON COMPLETION:
HAMMER WEIGHT: 35 lbs.
CONE AREA: 10 sq. cm

DEPTH	BLOWS PER 10 cm	RESISTANCE Kg/cm²	GRAPH OF CONE RESISTANCE 0 50 100 150	N'	TESTED CONSISTENCY SAND & SILT	TESTED CONSISTENCY CLAY
-	6	26.6	•••••••	7	LOOSE	MEDIUM STIFF
-	14	62.2	••••••••••••••••	17	MEDIUM DENSE	VERY STIFF
- 1 ft	20	88.8	••••••••••••••••••••••	25	MEDIUM DENSE	VERY STIFF
-	16	71.0	••••••••••••••••••	20	MEDIUM DENSE	VERY STIFF
-	17	75.5	•••••••••••••••••••	21	MEDIUM DENSE	VERY STIFF
- 2 ft	17	75.5	•••••••••••••••••••	21	MEDIUM DENSE	VERY STIFF
-	15	66.6	••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
-	13	57.7	••••••••••••••••	16	MEDIUM DENSE	VERY STIFF
- 3 ft	15	66.6	••••••••••••••••••	19	MEDIUM DENSE	VERY STIFF
- 1 m	12	53.3	••••••••••••••	15	MEDIUM DENSE	STIFF
-	5	19.3	•••••	5	LOOSE	MEDIUM STIFF
- 4 ft	2	7.7	••	2	VERY LOOSE	SOFT
-	2	7.7	••	2	VERY LOOSE	SOFT
-	2	7.7	••	2	VERY LOOSE	SOFT
- 5 ft	3	11.6	•••	3	VERY LOOSE	SOFT
-	12	46.3	••••••••••••	13	MEDIUM DENSE	STIFF
-	7	27.0	•••••••	7	LOOSE	MEDIUM STIFF
- 6 ft	16	61.8	••••••••••••••••	17	MEDIUM DENSE	VERY STIFF
-	24	92.6	•••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
- 2 m	24	92.6	•••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
- 7 ft	30	102.6	••••••••••••••••••••••••••••	-	MEDIUM DENSE	VERY STIFF
-	32	109.4	••••••••••••••••••••••••••••••	-	DENSE	HARD
-	32	109.4	••••••••••••••••••••••••••••••	-	DENSE	HARD
- 8 ft	35	119.7	•••••••••••••••••••••••••••••••	-	DENSE	HARD
-	38	130.0	••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	40	136.8	••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 9 ft	48	164.2	••	-	DENSE	HARD
-	40	136.8	••••••••••••••••••••••••••••••••••	-	DENSE	HARD
-	40	136.8	••••••••••••••••••••••••••••••••••	-	DENSE	HARD
- 3 m 10 ft	50	171.0	••	-	DENSE	HARD
-	50	153.0	••	-	DENSE	HARD
-						
-						
- 11 ft						
-						
-						
- 12 ft						
-						
-						
- 4 m 13 ft						

SIGN SPECIFICATION
City of Ferndale
SECOND AVENUE IMPROVEMENT PROJECT

SIGN NO.	SIGN CODE NUMBER	EXISTING LOCATION	NEW LOCATION	REMARKS
2ND AVE. - SOUTH OF WASHINGTON				
1	W10-1 (RR)	51+81.69, 25.5 RT	--	REMOVE SIGN
2	W1-1 (LEFT TURN ARROW)	--	51+81.69, 25.5 RT	NEW SIGN
3	R1-1 (STOP)	52+95.36, 36.10 LT	--	PRESERVE SIGN
4	W1-6 (LEFT ARROW)	--	53+51.72, 6.06 RT	NEW SIGN
5	W10-1 (RR)	53+63.10, 23.15 RT	--	REMOVE SIGN
6	R1-1 (STOP)	54+86.16, 15.80 LT	--	REMOVE SIGN
7	OM4-1 (END OF ROADWAY MARKER)	--	55+05.0, 2.5 RT	NEW SIGN
8	W10-1 (RR)	56+04.69, 27.50 LT	--	REMOVE SIGN
9	W-14 (DEAD END)	--	56+19, 32.5 LT	NEW SIGN
10	R1-1 (STOP)	56+68.50, 2.81 RT	--	PRESERVE SIGN
11	(LIMITED SIGHT DISTANCE)	57+68.38, 23.67 LT	--	REMOVE SIGN
12	(STOP AHEAD, NO TRUCKS)	59+64.07, 16.89 LT	--	REMOVE SIGN
13	R2-1 (SPEED LIMIT 25)	60+15.70, 13.5 RT	--	PRESERVE SIGN
14	STOP AHEAD	61+70.52, 13.05 RT	--	REMOVE SIGN
15	W1-1R (RIGHT TURN ARROW)	61+70.52, 13.05 RT	--	NEW SIGN
16	(STOP AHEAD)	64+50, 272 RT	--	REMOVE SIGN
17	W1-1L (LEFT TURN ARROW)	64+50, 272 RT	--	NEW SIGN
2ND AVE. - NORTH OF WASHINGTON				
18	W10-1 (RR)	0+46.67, 25.18 RT	0+58.45, 29.35 RT	REMOVE ESISTING SIGN AND PROVIDE NEW SIGN
19	MISC TRAFFIC SIGN	1+39.98, 39.08 RT	--	PRESERVE
20	MISC TRAFFIC SIGN	2+13.70, 53.15 LT	--	PRESERVE
21	MISC TRAFFIC SIGN	2+13.70, 60 RT	--	PRESERVE
22	R1-1 (STOP)	2+72.84, 35.68 RT	--	REMOVE SIGN
23	SCHOOL AHEAD	2+77.51, 21.39 LT	--	REMOVE SIGN
24	W10-1 (RR)	2+95.5, 13.0 LT	2+98.40, 30.70 LT	REMOVE ESISTING SIGN AND PROVIDE NEW SIGN
25	R1-1 (STOP)	3+00, 86.86 RT	--	REMOVE SIGN
26	R1-1 (STOP)	3+18.85, 60.74 RT	--	REMOVE SIGN
27	R1-1 (STOP)	3+24, 33 RT	--	NEW SIGN
28	R1-1 (STOP)	3+41.01, 4.86 LT	--	REMOVE SIGN
29	R2-1 (SPEED LIMIT 25)	--	4+25, 24 RT	NEW SIGN
30	(STOP AHEAD)	5+76.20, 6.50 LT	--	REMOVE SIGN
31	R14-1 (TRUCK ROUTE)	--	5+70, 24 LT	NEW SIGN
32	R1-1 (STOP)	6+20.64, 33.53 RT	6+24.46, 40.90 RT	REMOVE ESISTING SIGN AND PROVIDE NEW SIGN
33	D3-1 STREET NAMES (WILLARD AVENUE) (2ND AVENUE)	--	6+24.46, 40.90 RT	NEW SIGNS (MOUNTED ON STOP SIGN POLE ABOVE STOP SIGN)
34	W11-2 (PED), W16-7P (ARROW)	--	6+34.33, 24.17 LT	NEW SIGN
35	R2-1 (SPEED LIMIT 25)	6+60.60, 7.60 LT	--	REMOVE SIGN
36	R2-1 (SPEED LIMIT 25)	7+16.70, 25 RT	--	REMOVE SIGN
37	R4-7 (CENTER MEDIAN)	--	7+43.85, 2.5 RT	NEW SIGN
38	R1-1 (STOP)	8+94.0, 35.80 RT	--	REMOVE SIGN
39	D3-1 (STREET NAME)	9+35.80, 5.0 LT	--	REMOVE SIGN
40	(CITY CENTER)	APPROX 9+50, 4 LT	--	REMOVE SIGN
41	R1-1 (STOP)	9+52.0, 5.80 LT	--	REMOVE SIGN
42	R1-1 (STOP)	9+56.44, 40.50 RT	9+55.12, 41.0 RT	REMOVE ESISTING SIGN AND PROVIDE NEW SIGN
43	D3-1 STREET NAMES (SOMERSET AVENUE) (2ND AVENUE)	--	9+55.12, 41.0 RT	NEW SIGNS (MOUNTED ON STOP SIGN POLE ABOVE STOP SIGN)
44	W11-2 (PED), W16-7P (ARROW)	--	9+54.80, 25.40 LT	NEW SIGN
45	R1-1 (STOP), ZUMAR Z-24 (DO NOT ENTER)	--	9+65.09, 32.86 LT	NEW SIGN, INSTALL BACK TO BACK ON ONE POLE
46	ZUMAR Z-24 OR APPROVED EQUAL (DO NOT ENTER)	--	9+90.50, 32.86 LT	NEW SIGN
47	R1-1 (STOP)	--	12+67.50, 41.0 RT	NEW SIGN
48	D3-1 STREET NAMES (EATON AVENUE) (2ND AVENUE)	--	12+67.50, 41.0 RT	NEW SIGNS (MOUNTED ON STOP SIGN POLE ABOVE STOP SIGN)
49	W11-2 (PED), W16-7P (ARROW)		12+82.75, 24.0 LT	NEW SIGN
50	R2-1 (SPEED LIMIT 25)	--	13+50, 24 LT	NEW SIGN
51	R2-1 (SPEED LIMIT 35)	--	14+00, 24 RT	NEW SIGN
52	R4-7 (CENTER MEDIAN)	--	14+66.60, 2.5 RT	NEW SIGN
53	R4-7 (CENTER MEDIAN)	--	16+38.86, 2.5 RT	NEW SIGN
54	W3-5 (25 MPH SPEED WARNING SIGN)	--	16+50, 24 LT	NEW SIGN
55	R4-7 (CENTER MEDIAN)	--	17+37.46, 2.5 RT	NEW SIGN
56	R4-7 (CENTER MEDIAN)	--	19+09.73, 2.5 RT	NEW SIGN
57	R4-7 (CENTER MEDIAN)	--	20+97.22, 2.5 LT	NEW SIGN
58	R2-1 (SPEED LIMIT 35)	--	22+50, 24 LT	NEW SIGN
59	2 EA TYPE 3 BARRICADES	--	23+40, 62 LT	NEW SIGN
60	R1-1 (STOP)	--	23+65.50, 58.50 RT	NEW SIGN
61	D3-1 STREET NAMES (PORTAL WAY) (2ND AVENUE)	--	23+65.50, 58.50 RT	NEW SIGNS (MOUNTED ON STOP SIGN POLE ABOVE STOP SIGN)
62	W11-2 (PED), W16-7P (ARROW)		23+86, 39 RT	NEW SIGN
63	W11-2 (PED), W16-7P (ARROW)		24+00.0, 25.12 LT	NEW SIGN
64	SEE ROUNDABOUT CHAN PLAN FOR ROUNDABOUT SIGNAGE	--	--	STATION 24+00 THROUGH 31+00
65	W14-1 (DEAD END)		27+84.0, 90 LT	NEW SIGN
THORNTON RD.				
66	W14-2 (NO OUTLET)	--	N/A	INSTALL AT SOUTH EAST CORNER OF MALLOY/THORNTON INTERSECTION - FACE WEST
67	W14-1 (DEAD END)	--	90+50, 13' RT	INSTALL AT SOUTH SIDE OF THORNTON/SHELBY TEE INTERSECTION - FACE WEST
68	W10-1 (RR)	91+31.67, 10.65 RT	--	REMOVE SIGN
69	2 EA TYPE 3 BARRICADES	--	93+60, CL	NEW SIGN
70	W10-1 (RR)	93+96.25, 11.61 RT	--	REMOVE SIGN
71	W10-1 (RR)	94+42.40, 18.36 LT	--	REMOVE SIGN
72	2 EA TYPE 3 BARRICADES	--	94+70, CL	NEW SIGN
73	W10-1 (RR)	95+54.25, 12.77 LT	--	REMOVE SIGN
WILLARD				
74	2 EA TYPE 3 BARRICADES	--	89+50, CL	NEW SIGN
75	MISC TRAFFIC SIGNS	--	--	PRESERVE EXISTING SIGNS ALONG WILLARD ALIGNMENT

NOTES "POST LENGTHS SHALL BE DETERMINED IN THE FIELD PRIOR TO FABRICATION
FOR STRUCTURE AND MOUNTING DETAILS SEE STANDARD PLANS AND SPECIAL PROVISIONS AND MUTCD
FOR CODE REFERENCES AND STANDARD LAYOUT DETAILS SEE WASHINGTON STATE "SIGN FABRICATION MANUAL"



R&E
REICHHARDT & EBE
ENGINEERING, INC.
423 Front St, Ste 201 Lynden, WA 98264
Phone 360-354-3687 FAX 360-354-0407

2nd AVENUE STREET IMPROVEMENTS TRAFFIC CONTROL

7-21-09 NTS 07038

Washington State Department of Transportation

Disadvantaged Business Enterprise Utilization Certification

To be eligible for award of this contract the bidder must fill out and submit, as part of its bid proposal, the following Disadvantaged Business Enterprise Utilization Certification relating to Disadvantaged Business Enterprise (DBE) requirements. The Contracting Agency shall consider as non-responsive and shall reject any bid proposal that does not contain a DBE Certification which properly demonstrates that the bidder will meet the DBE participation requirements in one of the manners provided for in the proposed contract. If the bidder is relying on the good faith effort method to meet the DBE assigned contract goal, documentation in addition to the certificate must be submitted with the bid proposal as support for such efforts. The successful bidder's DBE Certification shall be deemed a part of the resulting contract. Information on certified firms is available from OMWBE, telephone 360-753-9693.

_____ certifies that the Disadvantaged Business Enterprise
Name of Bidder

(DBE) Firms listed below have been contacted regarding participation on this project. If this bidder is successful on this project and is awarded the contract, it shall assure that subcontracts or supply agreements are executed with those firms where an "Amount to be Applied Towards Goal" is listed. (If necessary, use additional sheet.)

Name of DBE Certificate Number	Project Role * (Prime, Subcontractor, Manufacturer, Regular Dealer)	Description of Work	Amount to be Applied Towards Goal **
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

Disadvantaged Business Enterprise Subcontracting Goal: _____ DBE Total $ _____ ***

* Regular Dealer status must be approved prior to bid submittal by the Office of Equal Opportunity, Wash. State Dept. of Transportation, on each contract.

** See the section "Counting DBE Participation Toward Meeting the Goal" in the Contract Document.

*** The Contracting Agency will utilize this amount to determine whether or not the bidder has met the goal. In the event of an arithmetic difference between this total and the sum of the individual amounts listed above, then the sum of the amounts listed shall prevail and the total will be revised

GENERAL DECISION: WA20080001 07/17/2009 WA1

Date: July 17, 2009
General Decision Number: WA20080001 07/17/2009

Superseded General Decision Number: WA20070001

State: Washington

Construction Types: Heavy (Heavy and Dredging) and Highway

Counties: Washington Statewide.

HEAVY AND HIGHWAY AND DREDGING CONSTRUCTION PROJECTS (Excludes D.O.E. Hanford Site in Benton and Franklin Counties)

Modification Number	Publication Date
0	02/08/2008
1	02/15/2008
2	02/22/2008
3	04/04/2008
4	04/25/2008
5	05/09/2008
6	06/06/2008
7	06/13/2008
8	06/20/2008
9	06/27/2008
10	07/11/2008
11	07/25/2008
12	08/01/2008
13	08/08/2008
14	08/29/2008
15	09/05/2008
16	09/19/2008
17	10/03/2008
18	10/24/2008
19	10/31/2008
20	11/21/2008
21	01/02/2009
22	02/06/2009
23	02/27/2009
24	03/06/2009
25	03/20/2009
26	06/05/2009
27	06/12/2009
28	06/26/2009
29	07/03/2009
30	07/17/2009

CARP0001-008 06/01/2007

	Rates	Fringes
Carpenters:		
COLUMBIA RIVER AREA - ADAMS, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GRANT, OKANOGAN		

(EAST OF THE 120TH MERIDIAN) AND WALLA WALLA, YAKIMA COUNTIES		
GROUP 1:	$ 25.68	9.30
GROUP 2:	$ 27.18	9.30
GROUP 3:	$ 25.95	9.30
GROUP 4:	$ 25.68	9.30
GROUP 5:	$ 59.40	9.30
GROUP 6:	$ 28.70	9.30
GROUP 7:	$ 29.70	9.30
GROUP 8:	$ 26.95	9.30
GROUP 9:	$ 32.70	9.30
SPOKANE AREA: ASOTIN, GARFIELD, LINCOLN, PEND OREILLE, SPOKANE, STEVENS AND WHITMAN COUNTIES		
GROUP 1:	$ 25.01	9.30
GROUP 2:	$ 26.51	9.30
GROUP 3:	$ 25.27	9.30
GROUP 4:	$ 25.01	9.30
GROUP 5:	$ 58.04	9.30
GROUP 6:	$ 28.02	9.30
GROUP 7:	$ 29.02	9.30
GROUP 8:	$ 26.27	9.30
GROUP 9:	$ 32.02	9.30

CARPENTER & DIVER CLASSIFICATIONS:

GROUP 1: Carpenter; Burner-Welder; Rigger and Signaler; Insulators (all types), Acoustical, Drywall and Metal Studs, Metal Panels and Partitions; Floor Layer, Sander, Finisher and Astro Turf; Layout Carpenters; Form Builder; Rough Framer; Outside or Inside Finisher, including doors, windows, and jams; Sawfiler; Shingler (wood, composition) Solar, Fiberglass, Aluminum or Metal; Scaffold Erecting and Dismantling; Stationary Saw-Off Bearer; Wire, Wood and Metal Lather Applicator

GROUP 2: Millwright, machine erector

GROUP 3: Piledriver - includes driving, pulling, cutting, placing collars, setting, welding, or creosote treated material, on all piling

GROUP 4: Bridge, dock and wharf carpenters

GROUP 5: Diver Wet

GROUP 6: Diver Tender, Manifold Operator, ROV Operator

GROUP 7: Diver Standby, Bell/Vehicle or Submersible operator Not Under Pressure

GROUP 8: Assistant Tender, ROV Tender/Technician

GROUP 9: Manifold Operator-Mixed Gas

ZONE PAY:

ZONE 1	0-40 MILES	FREE
ZONE 2	41-65 MILES	$2.25/PER HOUR

ZONE 3	66-100 MILES	$3.25/PER HOUR
ZONE 4	OVER 100 MILES	$4.75/PER HOUR

DISPATCH POINTS:
CARPENTERS/MILLWRIGHTS: PASCO (2819 W. SYLVESTER) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS/PILEDRIVER: SPOKANE (127 E. AUGUSTA AVE.) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: WENATCHEE (27 N. CHELAN) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: COEUR D' ALENE (1839 N. GOVERNMENT WAY) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

CARPENTERS: MOSCOW (302 N. JACKSON) or Main Post Office of established residence of employee (Whichever is closest to the worksite).

DEPTH PAY FOR DIVERS BELOW WATER SURFACE:
50-100 feet $2.00 per foot
101-150 feet $3.00 per foot
151-220 feet $4.00 per foot
221 feet and deeper $5.00 per foot

PREMIUM PAY FOR DIVING IN ENCLOSURES WITH NO VERTICAL ASCENT:
0-25 feet Free
26-300 feet $1.00 per Foot

SATURATION DIVING:
The standby rate applies until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. the diver rate shall be paid for all saturation hours.

WORK IN COMBINATION OF CLASSIFICATIONS:
Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

HAZMAT PROJECTS:

Anyone working on a HAZMAT job (task), where HAZMAT certification is required, shall be compensated at a premium, in addition to the classification working in as follows:

LEVEL D + $.25 per hour - This is the lowest level of protection. No respirator is used and skin protection is minimal.

LEVEL C + $.50 per hour - This level uses an air purifying respirator or additional protective clothing.

LEVEL B + $.75 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit".

LEVEL A +$1.00 per hour - This level utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line.

CARP0003-006 06/01/2007

SOUTHWEST WASHINGTON: CLARK, COWLITZ, KLICKITAT, LEWIS(Piledriver only), PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to Willapa Bay to the Pacific Ocean), SKAMANIA AND WAHKIAKUM COUNTIES and INCLUDES THE ENTIRE PENINSULA WEST OF WILLAPA BAY

SEE ZONE DESCRIPTION FOR CITIES BASE POINTS

ZONE 1:

	Rates	Fringes
Carpenters:		
CARPENTERS; ACOUSTICAL	$ 27.56	13.30
DIVERS TENDERS	$ 30.28	13.30
DIVERS	$ 68.84	13.30
DRYWALL	$ 27.56	13.30
FLOOR LAYERS & FLOOR FINISHERS (the laying of all hardwood floors nailed and mastic set, parquet and wood-type tiles, and block floors, the sanding and finishing of floors, the preparation of old and new floors when the materials mentioned above are to be installed); INSULATORS (fiberglass and similar irritating materils	$ 27.71	13.30
MILLWRIGHTS	$ 28.04	13.30
PILEDRIVERS	$ 28.04	13.30

DEPTH PAY:
50 TO 100 FEET $1.00 PER FOOT OVER 50 FEET
101 TO 150 FEET $1.50 PER FOOT OVER 101 FEET
151 TO 200 FEET $2.00 PER FOOT OVER 151 FEET

Zone Differential (Add up Zone 1 rates):
Zone 2 - $0.85
Zone 3 - 1.25
Zone 4 - 1.70
Zone 5 - 2.00
Zone 6 - 3.00

BASEPOINTS: ASTORIA, LONGVIEW, PORTLAND, THE DALLES, AND VANCOUVER, (NOTE: All dispatches for Washington State Counties: Cowlitz, Wahkiakum and Pacific shall be from

Longview Local #1707 and mileage shall be computed from that point.)

ZONE 1: Projects located within 30 miles of the respective city hall of the above mentioned cities
ZONE 2: Projects located more than 30 miles and less than 40 miles of the respective city of the above mentioned cities
ZONE 3: Projects located more than 40 miles and less than 50 miles of the respective city of the above mentioned cities
ZONE 4: Projects located more than 50 miles and less than 60 miles of the respective city of the above mentioned cities.
ZONE 5: Projects located more than 60 miles and less than 70 miles of the respective city of the above mentioned cities
ZONE 6: Projects located more than 70 miles of the respected city of the above mentioned cities

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CARP0770-003 06/01/2009

	Rates	Fringes
Carpenters:		
CENTRAL WASHINGTON: CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS, OKANOGAN (WEST OF THE 120TH MERIDIAN) AND YAKIMA COUNTIES		
ACCOUSTICAL WORKERS	$ 25.25	11.97
BRIDGE, DOCK AND WHARF CARPENTERS AND HEAVY & HIGHWAY	$ 35.39	11.97
CARPENTERS AND DRYWALL APPLICATORS	$ 25.25	11.97
CARPENTERS ON CREOSOTE MATERIAL	$ 25.25	11.97
DIVERS TENDER	$ 39.15	13.08
DIVERS	$ 87.20	13.08
INSULATION APPLICATORS	$ 25.25	11.97
MILLWRIGHT AND MACHINE ERECTORS	$ 36.39	11.97
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING COLLARS, SETTING, WELDING OR CRESOTE TREATED MATERIAL, ALL PILING	$ 35.59	11.97
SAWFILERS, STATIONARY POWER SAW OPERATORS, FLOOR FINISHER, FLOOR LAYER, SHINGLER, FLOOR SANDER OPERATOR AND OPERATORS OF OTHER STATIONARY WOOD WORKING TOOLS	$ 25.25	11.97

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	$1.00/hour
36-45 radius miles	$1.15/hour
46-55 radius miles	$1.35/hour
Over 55 radius miles	$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	$ .70/hour
Over 45 radius miles	$1.50/hour

CARP0770-006 06/01/2009

	Rates	Fringes
Carpenters:		
WESTERN WASHINGTON: CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS (excludes piledrivers only), MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES		
ACOUSTICAL WORKERS	$ 35.55	13.08
BRIDGE, DOCK & WHARF CARPENTERS	$ 35.39	13.08
CARPENTERS AND DRYWALL APPLICATORS	$ 35.39	13.08
CARPENTERS ON CREOSOTE MATERIAL	$ 35.49	13.08
DIVERS TENDER	$ 39.15	13.08
DIVERS	$ 87.20	13.08
INSULATION APPLICATORS	$ 35.39	13.08
MILLWRIGHT AND MACHINE ERECTORS	$ 36.39	13.08
PILEDRIVER, DRIVING, PULLING, CUTTING, PLACING		

COLLARS, SETTING, WELDING
OR CRESOTE TREATED
MATERIAL, ALL PILING.....$ 35.59 13.08
SAWFILERS, STATIONARY
POWER SAW OPERATORS,
FLOOR FINISHER, FLOOR
LAYER, SHINGLER, FLOOR
SANDER OPERATOR AND
OPERATORS OF OTHER
STATIONARY WOOD WORKING
TOOLS.....$ 35.52 13.08

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIVERS

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	$1.00/hour
36-45 radius miles	$1.15/hour
46-55 radius miles	$1.35/hour
Over 55 radius miles	$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall, Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	$ .70/hour
Over 45 radius miles	$1.50/hour

ELEC0046-001 06/01/2009

CALLAM, JEFFERSON, KING AND KITSAP COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 44.89	3%+15.71
ELECTRICIAN	$ 40.81	3%+15.71

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* ELEC0048-003 07/01/2009

CLARK, KLICKITAT AND SKAMANIA COUNTIES

	Rates	Fringes

CABLE SPLICER.....$ 35.90 16.43
ELECTRICIAN.....$ 35.65 16.82

HOURLY ZONE PAY:

Hourly Zone Pay shall be paid on jobs located outside of the free zone computed from the city center of the following listed cities:

Portland, The Dalles, Hood River, Tillamook, Seaside and Astoria

Zone Pay:
Zone 1: 31-50 miles $1.50/hour
Zone 2: 51-70 miles $3.50/hour
Zone 3: 71-90 miles $5.50/hour
Zone 4: Beyond 90 miles $9.00/hour

*These are not miles driven. Zones are based on Delorrne Street Atlas USA 2006 plus.

ELEC0073-001 01/01/2009

ADAMS, FERRY, LINCOLN, PEND OREILLE, SPOKANE, STEVENS, WHITMAN COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 28.22	3%+12.48
ELECTRICIAN	$ 27.82	3%+12.48

ELEC0076-002 02/28/2009

GRAYS HARBOR, LEWIS, MASON, PACIFIC, PIERCE, AND THURSTON COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 38.57	3%+14.75
ELECTRICIAN	$ 34.75	3%+14.75

ELEC0077-002 02/01/2007

	Rates	Fringes
Line Construction:		
CABLE SPLICERS	$ 42.09	3.875%+$10.60
GROUNDMEN	$ 26.31	3.875%+$8.60
LINE EQUIPMENT MEN	$ 32.32	3.875%+$8.70
LINEMEN, POLE SPRAYERS, HEAVY LINE EQUIPMENT MAN	$ 37.58	3.875%+$10.60
POWDERMEN, JACKHAMMERMEN	$ 28.19	3.875%+$8.60
TREE TRIMMER	$ 22.65	3.875%+$8.35

ELEC0112-005 12/01/2008

ASOTIN, BENTON, COLUMBIA, FRANKLIN, GARFIELD, KITTITAS, WALLA WALLA, YAKIMA COUNTIES

	Rates	Fringes

CABLE SPLICER.....$ 35.39 3%+13.48
ELECTRICIAN.....$ 33.70 3%+13.48

ELEC0191-003 03/01/2008

ISLAND, SAN JUAN, SNOHOMISH, SKAGIT AND WHATCOM COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 36.86	3%+12.98
ELECTRICIAN	$ 33.51	3%+12.98

ELEC0191-004 03/01/2008

CHELAN, DOUGLAS, GRANT AND OKANOGAN COUNTIES

	Rates	Fringes
CABLE SPLICER	$ 32.46	3%+12.81
ELECTRICIAN	$ 29.51	3%+12.81

ELEC0970-001 01/01/2009

COWLITZ AND WAHKIAKUM COUNTY

	Rates	Fringes
CABLE SPLICER	$ 34.68	3%+9.59
ELECTRICIAN	$ 31.53	3%+9.59

ENGI0302-003 06/01/2009

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA, SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

PROJECTS: CATEGORY A PROJECTS (EXCLUDES CATEGORY B PROJECTS, AS SHOWN BELOW)

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
Group 1A	$ 35.79	15.15
Group 1AA	$ 36.36	15.15
Group 1AAA	$ 36.92	15.15
Group 1	$ 35.24	15.15
Group 2	$ 34.75	15.15
Group 3	$ 34.33	15.15
Group 4	$ 31.97	15.15

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $1.00
Zone 3 (Over 45 radius miles) - $1.30

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent,

Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill,roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service

engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

Category B Projects: 95% of the basic hourly reate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus $ .25 per hour.

H-3 Class "B" Suit - Base wage rate plus $ .50 per hour.

H-4 Class "A" Suit - Base wage rate plus $ .75 per hour.

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom (including jib with attachments); Tower crane over 175 ft in height, base to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons, under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead 6 yards to, but not including 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9, HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self propelled 45 yards and over; Slipform pavers; Transporters, all truck or track type

GROUP 2 - Barrier machine (zipper); Batch Plant Operaor-Concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-overhead, bridge type-20 tons through 44 tons; Chipper; Concrete Pump-truck mount with boom attachment; Crusher; Deck Engineer/Deck Winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing Machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Horizontal/directional drill operator; Loaders-overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics-all; Mixers-asphalt plant; Motor patrol graders-finishing; Piledriver (other than crane mount); Roto-mill,roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self propelled, hard tail end dump, articulating off-road equipment-under 45 yards; Subgrade trimmer; Tractors, backhoes-over 75 hp; Transfer material service machine-shuttle buggy, blaw knox-roadtec; Truck crane oiler/driver-100 tons and over; Truck Mount portable conveyor; Yo Yo Pay dozer

GROUP 3 - Conveyors; Cranes-thru 19 tons with attachments; A-frame crane over 10 tons; Drill oilers-auger type, truck or crane mount; Dozers-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loader-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pumps-concrete; Roller, plant mix or multi-lift materials; Saws-concrete; Scrpers-concrete and carry-all; Service engineer-equipment; Trenching machines; Truck Crane Oiler/Driver under 100 tons; Tractors, backhoe 75 hp and under

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete finish mahine-laser screed; Cranes-A frame-10 tons

and under; Elevator and Manlift-permanent or shaft type; Gradechecker, Stakehop; Forklifts under 3000 lbs. with attachments; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger, mechanical; Power plant; Pumps, water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

CATEGORY B PROJECTS: 95% OF THE BASIC HOURLY RATE FOR EACH GROUP PLUS FULL FRINGE BENEFITS APPLICABLE TO CATEGORY A PROJECTS SHALL APPLY TO THE FOLLOWING PROJECTS. REDUCED RATES MAY BE PAID ON THE FOLLOWING:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than $1 million where no building is involved. Surfacing and paving including, but utilities excluded.
3. Marine projects (docks, wharfs, ect.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designed hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing.
H-2 Class "C" Suit - Base wage rate plus $.25 per hour.
H-3 Class "B" Suit - Base wage rate plus $.50 per hour.
H-4 Class "A" Suit - Base wage rate plus $.75 per hour.

ENGI0302-009 06/01/2007

CHELAN (WEST OF THE 120TH MERIDIAN), CLALLAM, DOUGLAS (WEST OF THE 120TH MERIDIAN), GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, KITTITAS, MASON, OKANOGAN (WEST OF THE 120TH MERIDIAN), SAN JUNA,SKAGIT, SNOHOMISH, WHATCOM AND YAKIMA (WEST OF THE 120TH MERIDIAN) COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 95% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

WORK PERFORMED ON HYDRAULIC DREDDGES:
Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
GROUP 1		
TOTAL PROJECT COST		
$300,000 AND OVER.....	$ 31.33	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 26.96	8.40

GROUP 2		
TOTAL PROJECT COST		
$300,000 AND OVER.....	$ 31.46	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 27.06	8.40
GROUP 3		
TOTAL PROJECT COST		
$300,000 AND OVER.....	$ 31.84	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 27.38	8.40
GROUP 4		
TOTAL PROJECT COST		
$300,000 AND OVER.....	$ 31.89	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 27.43	8.40
GROUP 5		
TOATL PROJECT COST		
$300,000 AND OVER.....	$ 33.46	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 28.75	8.40
GROUP 6		
TOTAL PROJECT COST		
$300,000 AND OVER.....	$ 31.33	12.75
TOTAL PROJECT COST UNDER		
$300,000.....	$ 26.96	8.40

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS:

GROUP 1: Assistant Mate (Deckhand
GROUP 2: Oiler
GROUP 3: Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen
GROUP 4: Craneman, Engineer Welder
GROUP 5: Leverman, Hydraulic
GROUP 6: Maintenance

Category B Projects: 95% of the basic hourly reate for each group plus full fringe benefits applicable to category A projects shall apply to the following projects. A Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

Heavy Wage rates (Category A) Applies to clam shell dredge, hoe and dipper, shovels and shovel attachments, cranes and bulldozers.

HANDLING OF HAZARDOUS WASTE MATERIALS:

Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing

H-2 Class "C" Suit - Base wage rate plus $ .25 per hour.

H-3 Class "B" Suit - Base wage rate plus $ .50 per hour.

H-4 Class "A" Suit - Base wage rate plus $ .75 per hour.

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) - $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: Aberdeen, Bellingham, Bremerton, Everett, Kent, Mount Vernon, Port Angeles, Port Townsend, Seattle, Shelton, Wenatchee, Yakima

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 - ASSISTANT MATE (DECKHAND)
GROUP 2 - OILER
GROUP 3 - ASSISTANT ENGINEER (ELECTRIC, DIESEL, STEAM OR BOOSTER PUMP); MATES AND BOATMEN
GROUP 4 - CRANEMAN, ENGINEER WELDER
GROUP 5 - LEVERMAN, HYDRAULIC
GROUP 6 - MAINTENANCE

CATEGORY B PROJECTS: 95% OF THE BASIC HOURLY RATE FOR EACH GROUP PLUS FULL FRINGE BENEFITS APPLICABLE TO CATEGORY A PROJECTS SHALL APPLY TO THE FOLLOWING PROJECTS. REDUCED RATES MAY BE PAID ON THE FOLLOWING:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than $1 million where no building is involved. Surfacing and paving including, but utilities excluded.
3. Marine projects (docks, wharfs, ect.) less than $150,000.

HEAVY WAGE RATES (CATEGORY A) APPLIES TO CLAM SHELL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designed

hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing.
H-2 Class "C" Suit - Base wage rate plus $.25 per hour.
H-3 Class "B" Suit - Base wage rate plus $.50 per hour.
H-4 Class "A" Suit - Base wage rate plus $.75 per hour.

ENGI0370-002 06/01/2009

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

ZONE 1:

	Rates	Fringes
Power equipment operators:		
GROUP 1A	$ 23.21	11.05
GROUP 1	$ 23.76	11.05
GROUP 2	$ 24.08	11.05
GROUP 3	$ 24.69	11.05
GROUP 4	$ 24.85	11.05
GROUP 5	$ 25.01	11.05
GROUP 6	$ 25.29	11.05
GROUP 7	$ 25.56	11.05
GROUP 8	$ 26.66	11.05

ZONE DIFFERENTIAL (Add to Zone 1 rate): Zone 2 - $2.00

Zone 1: Within 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

Zone 2: Outside 45 mile radius of Spokane, Pasco, Washington; Lewiston, Idaho

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1A: Boat Operator; Crush Feeder; Oiler; Steam Cleaner

GROUP 1: Bit Grinders; Bolt Threading Machine; Compressors (under 2000 CFM, gas, diesel, or electric power); Deck Hand; Drillers Helper (Assist driller in making drill rod connections, service drill engine and air compressor, repair drill rig and drill tools, drive drill support truck to and on the job site, remove drill cuttings from around bore hole and inspect drill rig while in operation); Fireman & Heater Tender; Hydro-seeder, Mulcher, Nozzleman; Oiler Driver, & Cable Tender, Mucking Machine; Pumpman; Rollers, all types on subgrade, including seal and chip coatings (farm type, Case, John Deere & similar, or Compacting Vibrator), except when pulled by Dozer with

operable blade; Welding Machine; Crane Oiler-Driver (CLD required) & Cable Tender, Mucking Machine

GROUP 2: A-frame Truck (single drum); Assistant Refrigeration Plant (under 1000 ton); Assistant Plant Operator, Fireman or Pugmixer (asphalt); Bagley or Stationary Scraper; Belt Finishing Machine; Blower Operator (cement); Cement Hog; Compressor (2000 CFM or over, 2 or more, gas diesel or electric power); Concrete Saw (multiple cut); Distributor Leverman; Ditch Witch or similar; Elevator Hoisting Materials; Dope Pots (power agitated); Fork Lift or Lumber Stacker, hydra-lift & similar; Gin Trucks (pipeline); Hoist, single drum; Loaders (bucket elevators and conveyors); Longitudinal Float; Mixer (portable-concrete); Pavement Breaker, Hydra-Hammer & similar; Power Broom; Railroad Ballast Regulation Operator (self-propelled); Railroad Power Tamper Operator (self-propelled); Railroad Tamper Jack Operator (self-propelled; Spray Curing Machine (concrete); Spreader Box (self-propelled); Straddle Buggy (Ross & similar on construction job only); Tractor (Farm type R/T with attachment, except Backhoe); Tugger Operator

GROUP 3: A-frame Truck (2 or more drums); Assistant Refrigeration Plant & Chiller Operator (over 1000 ton); Backfillers (Cleveland & similar); Batch Plant & Wet Mix Operator, single unit (concrete); Belt-Crete Conveyors with power pack or similar; Belt Loader (Kocal or similar); Bending Machine; Bob Cat (Skid Steer); Boring Machine (earth); Boring Machine (rock under 8 inch bit) (Quarry Master, Joy or similar); Bump Cutter (Wayne, Saginau or similar); Canal Lining Machine (concrete); Chipper (without crane); Cleaning & Doping Machine (pipeline); Deck Engineer; Elevating Belt-type Loader (Euclid, Barber Green & similar); Elevating Grader-type Loader (Dumor, Adams or similar); Generator Plant Engineers (diesel or electric); Gunnite Combination Mixer & Compressor; Locomotive Engineer; Mixermobile; Mucking Machine; Posthole Auger or Punch; Pump (grout or jet); Soil Stabilizer (P & H or similar); Spreader Machine; Dozer/Tractor (up to D-6 or equivalent) and Traxcavator; Traverse Finish Machine; Turnhead Operator

GROUP 4: Concrete Pumps (squeeze-crete, flow-crete, pump-crete, Whitman & similar); Curb Extruder (asphalt or concrete); Drills (churn, core, calyx or diamond); Equipment Serviceman; Greaser & Oiler; Hoist (2 or more drums or Tower Hoist); Loaders (overhead & front-end, under 4 yds. R/T); Refrigeration Plant Engineer (under 1000 ton); Rubber-tired Skidders (R/T with or without attachments); Surface Heater & Plant Machine; Trenching Machines (under 7 ft. depth capacity); Turnhead (with re-screening); Vacuum Drill (reverse circulation drill under 8 inch bit)

GROUP 5: Backhoe (under 45,000 gw); Backhoe & Hoe Ram (under 3/4 yd.); Carrydeck & Boom Truck (under 25 tons); Cranes (25 tons & under), all attachments including clamshell, dragline; Derricks & Stifflegs (under 65 tons); Drilling Equipment(8 inch bit & over) (Robbins, reverse circulation & similar); Hoe Ram; Piledriving Engineers; Paving (dual drum); Railroad Track Liner Operaotr (self-propelled);

Refrigeration Plant Engineer (1000 tons & over); Signalman (Whirleys, Highline Hammerheads or similar); Grade Checker

GROUP 6: Asphalt Plant Operator; Automatic Subgrader (Ditches & Trimmers)(Autograde, ABC, R.A. Hansen & similar on grade wire); Backhoe (45,000 gw and over to 110,000 gw); Backhoes & Hoe Ram (3/4 yd. to 3 yd.); Batch Plant (over 4 units); Batch & Wet Mix Operator (multiple units, 2 & incl. 4); Blade Operator (motor patrol & attachments); Cable Controller (dispatcher); Compactor (self-propelled with blade); Concrete Pump Boom Truck; Concrete Slip Form Paver; Cranes (over 25 tons, to and including 45 tons), all attachments including clamshell, dragline; Crusher, Grizzle & Screening Plant Operator; Dozer, 834 R/T & similar; Drill Doctor; Loader Operator (front-end & overhead, 4 yds. incl. 8 yds.); Multiple Dozer Units with single blade; Paving Machine (asphalt and concrete); Quad-Track or similar equipment; Rollerman (finishing asphalt pavement); Roto Mill (pavement grinder); Scrapers, all, rubber-tired; Screed Operator; Shovel(under 3 yds.); Trenching Machines (7 ft. depth & over); Tug Boat Operator Vactor guzzler, super sucker; Lime Batch Tank Operator (REcycle Train); Lime Brain Operator (Recycle Train); Mobile Crusher Operator (Recycle Train)

GROUP 7: Backhoe (over 110,000 gw); Backhoes & Hoe Ram (3 yds & over); Blade (finish & bluetop) Automatic, CMI, ABC, Finish Athey & Huber & similar when used as automatic; Cableway Operators; Concrete Cleaning/Decontamination machine operator; Cranes (over 45 tons to but not including 85 tons), all attachments including clamshell and dragine; Derricks & Stiffleys (65 tons & over); Elevating Belt (Holland type); Heavy equipment robotics operator; Loader (360 degrees revolving Koehring Scooper or similar); Loaders (overhead & front-end, over 8 yds. to 10 yds.); Rubber-tired Scrapers (multiple engine with three or more scrapers); Shovels (3 yds. & over); Whirleys & Hammerheads, ALL; H.D. Mechanic; H.D. Welder; Hydraulic Platform Trailers (Goldhofer, Shaurerly andSimilar); Ultra High Pressure Wateriet Cutting Tool System Operator (30,000 psi); Vacuum Blasting Machine Operator

GROUP 8: Cranes (85 tons and over, and all climbing, overhead,rail and tower), all attachments including clamshell, dragline; Loaders (overhead and front-end, 10 yards and over); Helicopter Pilot

BOOM PAY: (All Cranes, Including Tower)
180 ft to 250 ft $ .50 over scale
Over 250 ft $ .80 over scale

NOTE:
In computing the length of the boom on Tower Cranes, they shall be measured from the base of the Tower to the point of the boom.

HAZMAT:
Anyone working on HAZMAT jobs, working with supplied air shall receive $1.00 an hour above classification.

ENGI0370-006 06/01/2008

ADAMS, ASOTIN, BENTON, CHELAN (EAST OF THE 120TH MERIDIAN), COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN (EAST OF THE 120TH MERIDIAN), PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA (EAST OF THE 120TH MERIDIAN) COUNTIES

WORK PERFORMED ON HYDRAULIC DREDGES

	Rates	Fringes
Hydraulic Dredge		
GROUP 1:	$ 31.85	13.53
GROUP 2:	$ 32.36	13.53
GROUP 3:	$ 32.41	13.53
GROUP 4:	$ 33.98	13.53
GROUP 5:	$ 31.85	13.53
GROUP 6:	$ 31.98	13.53
GROUP 7:	$ 32.36	13.53

GROUP 1: Assistant Mate (Deckhand)
GROUP 2: Assistant Engineer (Electric, Diesel, Steam, or Booster Pump)
GROUP 3: Engineer Welder
GROUP 4: Leverman, Hydraulic
GROUP 5: Maintenance
GROUP 6: Oiler
GROUP 7: Mates & Boatman

HEAVY WAGE RATES APPLIES TO CLAM SHELL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS.

ENGI0612-001 06/01/2007

LEWIS, PIERCE, PACIFIC (THAT PORTION WHICH LIES NORTH OF A PARALLEL LINE EXTENDED WEST FROM THE NORTHERN BOUNDARY OF WAHKAIKUM COUNTY TO THE SEA IN THE STATE OF WASHINGTON) AND THURSTON COUNTIES

PROJECTS:
CATEGORY A PROJECTS (excludes Category B projects, as shown below)

	Rates	Fringes
Power equipment operators:		
WORK PERFORMED ON HYDRAULIC DREDGES:Total Project cost $300,000 and over		
GROUP 1	$ 31.33	12.75
GROUP 2	$ 31.46	12.75
GROUP 3	$ 31.84	12.75
GROUP 4	$ 31.89	12.75
GROUP 5	$ 33.46	12.75
GROUP 6	$ 31.33	12.75
WORK PERFORMED ON HYDRAULIC DREDGES:Total		

Project Cost under $300,000

GROUP 1	$ 26.96	8.40
GROUP 2	$ 27.06	8.40
GROUP 3	$ 27.38	8.40
GROUP 4	$ 27.43	8.40
GROUP 5	$ 28.75	8.40
GROUP 6	$ 26.96	8.40

ZONE 2 (26-45 radius miles) - Add $.70 to Zone 1 rates
ZONE 3 (Over 45 radius miles) - Add $1.00 to Zone 1 rates

BASEPOINTS: Tacoma, Olympia, and Centralia

CATEGORY B PROJECTS - 95% of the basic hourly rate for each group plus full fringe benefits applicable to Category A projects shall apply to the following projects: Reduced rates may be paid on the following:
1. Projects involving work on structures such as buildings and structures whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.
2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.
3. Marine projects (docts, wharfs, etc.) less than $150,000

WORK PERFORMED ON HYDRAULIC DREDGES:

GROUP 1: Assistant Mate (Deckhand
GROUP 2: Oiler
GROUP 3: Assistant Engineer (Electric, Diesel, Steam or Booster Pump); Mates and Boatmen
GROUP 4: Craneman, Engineer Welder
GROUP 5: Leverman, Hydraulic
GROUP 6: Maintenance

HEAVY WAGE RATES APPLIES TO CLAM SHEEL DREDGE, HOE AND DIPPER, SHOVELS AND SHOVEL ATTACHMENTS, CRANES AND BULLDOZERS

HANDLING OF HAZARDOUS WASTE MATERIALS

H-1 - When not outfitted with protective clothing of level D equipment - Base wage rate
H-2 - Class "C" Suit - Base wage rate + $.25 per hour
H-3 - Class "B" Suit - Base wage rate + $.50 per hour
H-4 - Class "A" Suit - Base wage rate +$.75 per hour

ENGI0612-006 06/01/2009

LEWIS,PIERCE, PACIFIC (portion lying north of a parallel line extending west from the northern boundary of Wahkaikum County to the sea) AND THURSTON COUNTIES

ON PROJECTS DESCRIBED IN FOOTNOTE A BELOW, THE RATE FOR EACH GROUP SHALL BE 90% OF THE BASE RATE PLUS FULL FRINGE BENEFITS. ON ALL OTHER WORK, THE FOLLOWING RATES APPLY.

Zone 1 (0-25 radius miles):

	Rates	Fringes
Power equipment operators:		
GROUP 1A	$ 35.79	15.15
GROUP 1AA	$ 36.36	15.15
GROUP 1AAA	$ 36.92	15.15
GROUP 1	$ 35.24	15.15
GROUP 2	$ 34.75	15.15
GROUP 3	$ 34.33	15.15
GROUP 4	$ 31.97	15.15

Zone Differential (Add to Zone 1 rates):
Zone 2 (26-45 radius miles) = $ .70
Zone 3 (Over 45 radius miles) - $1.00

BASEPOINTS: CENTRALIA, OLYMPIA, TACOMA

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1 AAA - Cranes-over 300 tons or 300 ft of boom (including jib with attachments)

GROUP 1AA - Cranes- 200 tonsto 300 tons, or 250 ft of boom (including jib with attachments; Tower crane over 175 ft in height, bas to boom

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 100 tons and over; Tower crane up to 175 ft in height base to boom; Loaders-overhead, 8 yards and over; Shovels, excavator, backhoes-6 yards and over with attachments

GROUP 1 - Cableway; Cranes 45 tons thru 99 tons under 150 ft of boom (including jib with attachments); Crane-overhead, bridge type, 45 tons thru 99 tons; Derricks on building work; Excavator, shovel, backhoes over 3 yards and under 6 yards; Hard tail end dump articulating off-road equipment 45 yards and over; Loader- overhead, 6 yards to, but not including, 8 yards; Mucking machine, mole, tunnel, drill and/or shield; Quad 9 HD 41, D-10; Remote control operator on rubber tired earth moving equipment; Rollagon; Scrapers-self-propelled 45 yards and over; Slipform pavers; Transporters, all track or truck type

GROUP 2 - Barrier machine (zipper); Batch Plant Operator-concrete; Bump Cutter; Cranes, 20 tons thru 44 tons with attachments; Crane-Overhead, bridge type, 20 tons through 44 tons; Chipper; Concrete pump-truck mount with boom attachment; Crusher; Deck engineer/deck winches (power); Drilling machine; Excavator, shovel, backhoe-3 yards and under; Finishing machine, Bidwell, Gamaco and similar equipment; Guardrail punch; Loaders, overhead under 6 yards; Loaders-plant feed; Locomotives-all; Mechanics- all; Mixers, asphalt plant; Motor patrol graders, finishing; Piledriver (other than crane mount); Roto-mill, roto-grinder; Screedman, spreader, topside operator-Blaw Knox, Cedar Rapids, Jaeger, Caterpillar, Barbar Green; Scraper-self- propelled, hard tail end dump, articulating off-road equipment- under 45 yards; Subgrader trimmer;

Tractors, backhoe over 75 hp; Transfer material service machine-shuttle buggy, Blaw Knox- Roadtec; Truck Crane oiler/driver-100 tons and over; Truck Mount Portable Conveyor; Yo Yo pay

GROUP 3 - Conveyors; Cranes through 19 tons with attachments; Crane-A-frame over 10 tons; Drill oilers-auger type, truck or crane mount; Dozer-D-9 and under; Forklift-3000 lbs. and over with attachments; Horizontal/directional drill locator; Outside Hoists-(elevators and manlifts), air tuggers, strato tower bucket elevators; Hydralifts/boom trucks over 10 tons; Loaders-elevating type, belt; Motor patrol grader-nonfinishing; Plant oiler- asphalt, crusher; Pump-Concrete; Roller, plant mix or multi-lfit materials; Saws-concrete; Scrapers, concrete and carry all; Service engineers-equipment; Trenching machines; Truck crane oiler/driver under 100 tons; Tractors, backhoe under 75 hp

GROUP 4 - Assistant Engineer; Bobcat; Brooms; Compressor; Concrete Finish Machine-laser screed; Cranes A-frame 10 tons and under; Elevator and manlift (permanent and shaft type); Forklifts-under 3000 lbs. with attachments; Gradechecker, stakehop; Hydralifts/boom trucks, 10 tons and under; Oil distributors, blower distribution and mulch seeding operator; Pavement breaker; Posthole digger-mechanical; Power plant; Pumps-water; Rigger and Bellman; Roller-other than plant mix; Wheel Tractors, farmall type; Shotcrete/gunite equipment operator

FOOTNOTE A- Reduced rates may be paid on the following:

1. Projects involving work on structures such as buildings and bridges whose total value is less than $1.5 million excluding mechanical, electrical, and utility portions of the contract.

2. Projects of less than $1 million where no building is involved. Surfacing and paving included, but utilities excluded.

3. Marine projects (docks, wharfs, etc.) less than $150,000.

HANDLING OF HAZARDOUS WASTE MATERIALS: Personnel in all craft classifications subject to working inside a federally designated hazardous perimeter shall be elgible for compensation in accordance with the following group schedule relative to the level of hazardous waste as outlined in the specific hazardous waste project site safety plan.

H-1 Base wage rate when on a hazardous waste site when not outfitted with protective clothing
H-2 Class "C" Suit - Base wage rate plus $ .25 per hour.
H-3 Class "B" Suit - Base wage rate plus $ .50 per hour.
H-4 Class "A" Suit - Base wage rate plus $ .75 per hour.

ENGI0701-002 01/01/2009

CLARK, COWLITZ, KLICKKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

POWER RQUIPMENT OPERATORS: ZONE 1

	Rates	Fringes
Power equipment operators: (See Footnote A)		
GROUP 1	$ 36.22	10.90
GROUP 1A	$ 38.03	10.90
GROUP 1B	$ 39.84	10.90
GROUP 2	$ 34.65	10.90
GROUP 3	$ 33.69	10.90
GROUP 4	$ 32.78	10.90
GROUP 5	$ 31.71	10.90
GROUP 6	$ 28.82	10.90

Zone Differential (add to Zone 1 rates):
Zone 2 - $2.50
Zone 3 - $5.00

For the following metropolitan counties: MULTNOMAH; CLACKAMAS; MARION; WASHINGTON; YAMHILL; AND COLUMBIA; CLARK; AND COWLITZ COUNTY, WASHINGTON WITH MODIFICATIONS AS INDICATED:

All jobs or projects located in Multnomah, Clackamas and Marion Counties, West of the western boundary of Mt. Hood National Forest and West of Mile Post 30 on Interstate 84 and West of Mile Post 30 on State Highway 26 and West of Mile Post 30 on Highway 22 and all jobs or projects located in Yamhill County, Washington County and Columbia County and all jobs or porjects located in Clark & Cowlitz County, Washington except that portion of Cowlitz County in the Mt. St. Helens "Blast Zone" shall receive Zone I pay for all classifications.

All jobs or projects located in the area outside the identified boundary above, but less than 50 miles from the Portland City Hall shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the Portland City Hall, but outside the identified border above, shall receive Zone III pay for all classifications.

For the following cities: ALBANY; BEND; COOS BAY; EUGENE; GRANTS PASS; KLAMATH FALLS; MEDFORD; ROSEBURG

All jobs or projects located within 30 miles of the respective city hall of the above mentioned cities shall receive Zone I pay for all classifications.

All jobs or projects located more than 30 miles and less than 50 miles from the respective city hall of the above mentioned cities shall receive Zone II pay for all classifications.

All jobs or projects located more than 50 miles from the respective city hall of the above mentioned cities shall receive Zone III pay for all classifications.

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: CONCRETE: Batch Plant and/or Wet Mix Operator, three units or more; CRANE: Helicopter Operator, when used in erecting work; Whirley Operator, 90 ton and over; LATTICE BOOM CRANE: Operator 200 tons through 299 tons, and/or over 200 feet boom; HYDRAULIC CRANE: Hydraulic Crane Operator 90 tons through 199 tons with luffing or tower attachments; FLOATING EQUIPMENT: Floating Crane, 150 ton but less than 250 ton

GROUP 1A: HYDRAULIC CRANE: Hydraulic Operator, 200 tons and over (with luffing or tower attachment); LATTICE BOOM CRANE: Operator, 200 tons through 299 tons, with over 200 feet boom; FLOATING EQUIPMENT: Floating Crane 250 ton and over

GROUP 1B: LATTICE BOOM CRANE: Operator, 300 tons through 399 tons with over 200 feet boom; Operator 400 tons and over; FLOATING EQUIPMENT: Floating Crane 350 ton and over

GROUP 2: ASPHALT: Asphalt Plant Operator (any type); Roto Mill, pavement profiler, operator, 6 foot lateral cut and over; BLADE: Auto Grader or "Trimmer" (Grade Checker required); Blade Operator, Robotic; BULLDOZERS: Bulldozer operator over 120,000 lbs and above; Bulldozer operator, twin engine; Bulldozer Operator,tandem, quadnine, D10, D11, and similar type; Bulldozere Robotic Equipment (any type; CONCRETE: Batch Plant and/or Wet Mix Operator, one and two drum; Automatic Concrete Slip Form Paver Operator; Concrete Canal Line Operator; Concrete Profiler, Diamond Head; CRANE: Cableway Operator, 25 tons and over; HYDRAULIC CRANE: Hydraulic crane operator 90 tons through 199 tons (without luffing or tower attachment); TOWER/WHIRLEY OPERATOR: Tower Crane Operator; Whirley Operator, under 90 tons; LATTICE BOOM CRANE: 90 through 199 tons and/or 150 to 200 feet boom; CRUSHER: Crusher Plant Operator; FLOATING EQUIPMENT: Floating Clamshell, etc.operator, 3 cu. yds. and over; Floating Crane (derrick barge) Operator, 30 tons but less than 150 tons; LOADERS: Loader operator, 120,000 lbs. and above; REMOTE CONTROL: Remote controlled earth-moving equipment; RUBBER-TIRED SCRAPERS: Rubber-tired scraper operator, with tandem scrapers, multi-engine; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Shovel, Dragline, Clamshell, operator 5 cu. yds and over; TRENCHING MACHINE: Wheel Excavator, under 750 cu. yds. per hour (Grade Oiler required); Canal Trimmer (Grade Oiler required); Wheel Excavator, over 750 cu. yds. per hour; Band Wagon (in conjunction with wheel excavator); UNDERWATER EQUIPMENT: Underwater Equipment Operator, remote or otherwise; HYDRAULIC HOES-EXCAVATOR: Excavator over 130,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (with luffing or tower attachment);

GROUP 3: BULLDOZERS: Bulldozer operator, over 70,000 lbs. up to and including 120,000 lbs.; HYDRAULIC CRANE: Hydraulic crane operator, 50 tons through 89 tons (without luffing or tower attachment); LATTICE BOOM CRANES: Lattice Boom Crane-50 through 89 tons (and less than 150 feet boom); FORKLIFT: Rock Hound Operator; HYDRAULIC HOES-EXCAVATOR:

excavator over 80,000 lbs. through 130,000 lbs.; LOADERS: Loader operator 60,000 and less than 120,000; RUBBER-TIRED SCRAPERS: Scraper Operator, with tandem scrapers; Self-loading, paddle wheel, auger type, finish and/or 2 or more units; SHOVEL, DRAGLINE, CLAMSHELL,SKOOPER OPERATOR: Shovel, Dragline, Clamshell operators 3 cu. yds. but less than 5 cu yds.

GROUP 4: ASPHALT: Screed Operator; Asphalt Paver operator (screeman required); BLADE: Blade operator; Blade operator, finish; Blade operator, externally controlled by electronic, mechanical hydraulic means; Blade operator, multi-engine; BULLDOZERS: Bulldozer Operator over 20,000 lbs and more than 100 horse up to 70,000 lbs; Drill Cat Operator; Side-boom Operator; Cable-Plow Operator (any type); CLEARING: Log Skidders; Chippers; Incinerator; Stump Splitter (loader mounted or similar type); Stump Grinder (loader mounted or similar type; Tub Grinder; Land Clearing Machine (Track mounted forestry mowing & grinding machine); Hydro Axe (loader mounted or similar type); COMPACTORS SELF-PROPELLED: Compactor Operator, with blade; Compactor Operator, multi-engine; Compactor Operator, robotic; CONCRETE: Mixer Mobile Operator; Screed Operator; Concrete Cooling Machine Operator; Concrete Paving Road Mixer; Concrete Breaker; Reinforced Tank Banding Machine (K-17 or similar types); Laser Screed; CRANE: Chicago boom and similar types; Lift Slab Machine Operator; Boom type lifting device, 5 ton capacity or less; Hoist Operator, two (2) drum; Hoist Operator, three (3) or more drums; Derrick Operator, under 100 ton; Hoist Operator, stiff leg, guy derrick or similar type, 50 ton and over; Cableway Operator up to twenty (25) ton; Bridge Crane Operator, Locomotive, Gantry, Overhead; Cherry Picker or similar type crane; Carry Deck Operator; Hydraulic Crane Operator, under 50 tons; LATTICE BOOM CRANE OPERATOR: Lattice Boom Crane Operator, under 50 tons; CRUSHER: Generator Operator; Diesel-Electric Engineer; Grizzley Operator; Drill Doctor; Boring Machine Operator; Driller-Percussion, Diamond, Core, Cable, Rotary and similar type; Cat Drill (John Henry); Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Diesel-electric Engineer; Jack Operator, elevating barges, Barge Operator, self-unloading; Piledriver Operator (not crane type) (Deckhand required); Floating Clamshelll, etc. Operator, under 3 cu. yds. (Fireman or Diesel-Electric Engineer required); Floating Crane (derrick barge) Operator, less than 30 tons; GENERATORS: Generator Operator; Diesel-electric Engineer; GUARDRAIL EQUIPMENT: Guardrail Punch Operator (all types); Guardrail Auger Operator (all types); Combination Guardrail machines, i.e., punch auger, etc.; HEATING PLANT: Surface Heater and Planer Operator; HYDRAULIC HOES EXCAVATOR: Robotic Hydraulic backhoe operator, track and wheel type up to and including 20,0000 lbs. with any or all attachments; Excavator Operator over 20,000 lbs through 80,000 lbs.; LOADERS: Belt Loaders, Kolman and Ko Cal types; Loaders Operator, front end and overhead, 25,000 lbs and less than 60,000 lbs; Elevating Grader Operator by Tractor operator, Sierra, Euclid or similar types; PILEDRIVERS: Hammer Operator; Piledriver Operator (not crane type); PIPELINE, SEWER WATER: Pipe Cleaning Machine Operator; Pipe Doping

Machine Operator; Pipe Bending Machine Operator; Pipe Wrapping Machine Operator; Boring Machine Operator; Back Filling Machine Operator; REMOTE CONTROL: Concrete Cleaning Decontamination Machine Operator; Ultra High Pressure Water Jet Cutting Tool System Operator/Mechanic; Vacuum Blasting Machine Operator/mechanic; REPAIRMEN, HEAVY DUTY: Diesel Electric Engineer (Plant or Floating; Bolt Threading Machine operator; Drill Doctor (Bit Grinder); H.D. Mechanic; Machine Tool Operator; RUBBER-TIRED SCRAPERS: Rubber-tired Scraper Operator,single engine, single scraper; Self-loading, paddle wheel, auger type under 15 cu. yds.; Rubber-tired Scraper Operator, twin engine; Rubber-tired Scraper Operator, with push- ull attachments; Self Loading, paddle wheel, auger type 15 cu. yds. and over, single engine; Water pulls, water wagons; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER OPERATOR: Diesel Electric Engineer; Stationay Drag Scraper Operator; Shovel, Dragline, Clamshell, Operator under 3 cy yds.; Grade-all Operator; SURFACE (BASE) MATERIAL: Blade mounted spreaders, Ulrich and similar types; TRACTOR-RUBBERED TIRED: Tractor operator, rubber-tired, over 50 hp flywheel; Tractor operator, with boom attachment; Rubber-tired dozers and pushers (Michigan, Cat, Hough type); Skip Loader, Drag Box; TRENCHING MACHINE: Trenching Machine operator, digging capacity over 3 ft depth; Back filling machine operator; TUNNEL: Mucking machine operator

GROUP 5: ASPHALT: Extrusion Machine Operator; Roller Operator (any asphalt mix); Asphalt Burner and Reconditioner Operator (any type); Roto-Mill, pavement profiler, ground man; BULLDOZERS: Bulldozer operator, 20,000 lbs. or less or 100 horse or less; COMPRESSORS: Compressor Operator (any power), over 1,250 cu. ft. total capacity; COMPACTORS: Compactor Operator, including vibratory; Wagner Pactor Operator or similar type (without blade); CONCRETE: Combination mixer and Compressor Operator, gunite work; Concrete Batch Plant Quality Control Operator; Beltcrete Operator; Pumpcrete Operator (any type); Pavement Grinder and/or Grooving Machine Operator (riding type); Cement Pump Operator, Fuller-Kenyon and similar; Concrete Pump Operator; Grouting Machine Operator; Concrete mixer operator, single drum, under (5) bag capacity; Cast in place pipe laying machine; maginnis Internal Full slab vibrator operator; Concrete finishing mahine operator, Clary, Johnson, Bidwell, Burgess Bridge deck or similar type; Curb Machine Operator, mechanical Berm, Curb and/or Curb and Gutter; Concrete Joint Machine Operator; Concrete Planer Operator; Tower Mobile Operator; Power Jumbo Operator setting slip forms in tunnels; Slip Form Pumps, power driven hydraulic lifting device for concrete forms; Concrete Paving Machine Operator; Concrete Finishing Machine Operator; Concrete Spreader Operator; CRANE: Helicopter Hoist Operator; Hoist Operator, single drum; Elevator Operator; A-frame Truck Operator, Double drum; Boom Truck Operator; HYDRAULIC CRANE OPERATOR: Hydraulic Boom Truck, Pittman; DRILLING: Churm Drill and Earth Boring Machine Operator; Vacuum Truck; Directional Drill Operator over 20,000 lbs pullback; FLOATING EQUIPMENT: Fireman; FORKLIFT: Fork Lift, over 10 ton and/or robotic; HYDRAULIC HOES EXCAVATORS: Hydraulic Backhoe

Operator, wheel type (Ford, John Deere, Case type); Hydraulic Backhoe Operator track type up to and including 20,000 lbs.; LOADERS: Loaders, rubber- tired type, less than 25,000 lbs; Elevating Grader Operator, Tractor Towed requiring Operator or Grader; Elevating loader operator, Athey and similar types; OILERS: Service oiler (Greaser); PIPELINE-SEWER WATER: Hydra hammer or simialr types; Pavement Breaker Operator; PUMPS: Pump Operator, more than 5 (any size); Pot Rammer Operator; RAILROAD EQUIPMENT: Locomotive Operator, under 40 tons; Ballast Regulator Operator; Ballast Tamper Multi-Purpose Operator; Track Liner Operator; Tie Spacer Operator; Shuttle Car Operator; Locomotive Operator, 40 tons and over; MATERIAL HAULRS: Cat wagon DJBs Volvo similar types; Conveyored material hauler; SURFACING (BASE) MATERIAL: Rock Spreaders, self-propelled; Pulva-mixer or similar types; Chiip Spreading machine operator; Lime spreading operator, construction job siter; SWEEPERS: Sweeper operator (Wayne type) self-propelled construction job site; TRACTOR-RUBBER TIRED: Tractor operator, rubber-tired, 50 hp flywheel and under; Trenching machine operator, maximum digging capacity 3 ft depth; TUNNEL: Dinkey

GROUP 6: ASPHALT: Plant Oiler; Plant Fireman; Pugmill Operator (any type); Truck mounted asphalt spreader, with screed; COMPRESSORS: Compressor Operator (any power), under 1,250 cu. ft. total capacity; CONCRETE: Plant Oiler, Assistant Conveyor Operator; Conveyor Operator; Mixer Box Operator (C.T.B., dry batch, etc.); Cement Hog Operator; Concrete Saw Operator; Concrete Curing Machine Operator (riding type); Wire Mat or Brooming Machine Operator; CRANE: Oiler; Fireman, all equipment; Truck Crane Oiler Driver; A-frame Truck Operator, single drum; Tugger or Coffin Type Hoist Operator; CRUSHER: Crusher Oiler; Crusher Feederman; CRUSHER: Crusher oiler; Crusher feederman; DRILLING: Drill Tender; Auger Oiler; FLOATING EQUIPMENT: Deckhand; Boatman; FORKLIFT: Self-propelled Scaffolding Operator, construction job site (exclduing working platform); Fork Lift or Lumber Stacker Operator, construction job site; Ross Carrier Operator, construction job site; Lull Hi-Lift Operator or Similar Type; GUARDRAIL EQUIPMENT: Oiler; Auger Oiler; Oiler, combination guardrail machines; Guardrail Punch Oiler; HEATING PLANT: Temporary Heating Plant Operator; LOADERS: Bobcat, skid steer (less than 1 cu yd.); Bucket Elevator Loader Operator, BarberGreene and similar types; OILERS: Oiler; Guardrail Punch Oiler; Truck Crane Oiler-Driver; Auger Oiler; Grade Oiler, required to check grade; Grade Checker; Rigger; PIPELINE-SEWER WATER: Tar Pot Fireman; Tar Pot Fireman (power agitated); PUMPS: Pump Operator (any power); Hydrostatic Pump Operator; RAILROAD EQUIPMENT: Brakeman; Oiler; Switchman; Motorman; Ballast Jack Tamper Operator; SHOVEL, DRAGLINE, CLAMSHELL, SKOOPER, ETC. OPERATOR: Oiler, Grade Oiler (required to check grade); Grade Checker; Fireman; SWEEPER: Broom operator, self propelled, construction job site; SURFACING (BASE) MATERIAL: Roller Operator, grading of base rock (not asphalt); Tamping Machine operartor, mechanical, self-propelled; Hydrographic Seeder Machine Operator; TRENCHING MACHINE: Oiler; Grade Oiler; TUNNEL: Conveyor operator; Air filtration equipment

operator

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* ENGI0701-003 01/01/2009

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

DREDGING:

	Rates	Fringes
Dredging:		
ZONE A		
ASSISTANT ENGINEER	$ 37.30	10.80
ASSISTANT MATE	$ 32.96	10.80
LEVERMAN, DIPPER, FLOATING CLAMSHELL	$ 39.88	10.80
LEVERMAN, HYDRAULIC	$ 39.88	10.80
TENDERMAN	$ 36.12	10.80
ZONE B		
ASSISTANT ENGINEER	$ 39.80	10.80
ASSISTANT MATE	$ 35.46	10.80
LEVERMAN, DIPPER, FLOATING CLAMSHELL	$ 42.38	10.80
LEVERMAN, HYDRAULIC	$ 42.38	10.80
TENDERMAN	$ 38.62	10.80
ZONE C		
ASSISTANT ENGINEER	$ 41.30	10.80
ASSISTANT MATE	$ 36.96	10.80
LEVERMAN, DIPPER, FLOATING CLAMSHELL	$ 43.88	10.80
LEVERMAN, HYDRAULIC	$ 43.88	10.80
TENDERMAN	$ 40.12	10.80

ZONE DESCRIPTION FOR DREDGING:

ZONE A - All jobs or projects located within 30 road miles of Portland City Hall.
ZONE B - Over 30-60 road miles from Portland City Hall.
ZONE C - Over 60 road miles from Portland City Hall.

*All jobs or projects shall be computed from the city hall by the shortest route to the geographical center of the project.

IRON0014-005 07/01/2009

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND ORIELLE, SPOKANE, STEVENS, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
IRONWORKER	$ 30.79	17.40

IRON0029-002 07/01/2009

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKAIKUM COUNTIES

	Rates	Fringes
IRONWORKER	$ 33.12	17.40

IRON0086-002 07/01/2009

YAKIMA, KITTITAS AND CHELAN COUNTIES

	Rates	Fringes
IRONWORKER	$ 31.07	17.40

IRON0086-004 07/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SKAGIT, SNOHOMISH, THURSTON, AND WHATCOM COUNTIES

	Rates	Fringes
IRONWORKER	$ 36.62	17.40

LABO0001-002 06/01/2009

ZONE 1:

	Rates	Fringes
Laborers:		
CALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (NORTH OF STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES		
GROUP 1	$ 21.77	9.07
GROUP 2	$ 24.86	9.07
GROUP 3	$ 30.96	9.07
GROUP 4	$ 31.70	9.07
GROUP 5	$ 32.21	9.07
CHELAN, DOUGLAS (WEST OF THE 120TH MERIDIAN), KITTITAS AND YAKIMA COUNTIES		
GROUP 1	$ 19.95	9.07
GROUP 2	$ 20.58	9.07
GROUP 3	$ 22.54	9.07
GROUP 4	$ 23.09	9.07
GROUP 5	$ 23.48	9.07

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT, TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT. TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective city hall

ZONE 2 - More than 25 but less than 45 radius miles from the respective city hall
ZONE 3 - More than 45 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $1.00
ZONE 3 - $1.30

BASE POINTS: CHELAN, SUNNYSIDE, WENATCHEE, AND YAKIMA

ZONE 1 - Projects within 25 radius miles of the respective city hall
ZONE 2 - More than 25 radius miles from the respective city hall

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):
ZONE 2 - $2.25

LABORERS CLASSIFICATIONS

GROUP 1: Landscaping and Planting; Watchman; Window Washer/Cleaner (detail clean-up, such as but not limited to cleaning floors, ceilings, walls, windows, etc., prior to final acceptance by the owner)

GROUP 2: Batch Weighman; Crusher Feeder; Fence Laborer; Flagman; Pilot Car

GROUP 3: General Laborer; Air, Gas, or Electric Vibrating Screed; Asbestos Abatement Laborer; Ballast Regulator Machine; Brush Cutter; Brush Hog Feeder; Burner; Carpenter Tender; Cement Finisher Tender; Change House or Dry Shack; Chipping Gun (under 30 lbs.); Choker Setter; Chuck Tender; Clean-up Laborer; Concrete Form Stripper; Curing Laborer; Demolition (wrecking and moving including charred material); Ditch Digger; Dump Person; Fine Graders; Firewatch; Form Setter; Gabian Basket Builders; Grout Machine Tender; Grinders; Guardrail Erector; Hazardous Waste Worker (Level C); Maintenance Person; Material Yard Person; Pot Tender; Rip Rap Person; Riggers; Scale Person; Sloper Sprayer; Signal Person; Stock Piler; Stake Hopper; Toolroom Man (at job site); Topper-Tailer; Track Laborer; Truck Spotter; Vinyl Seamer

GROUP 4: Cement Dumper-Paving; Chipping Gun (over 30 lbs.); Clary Power Spreader; Concrete Dumper/Chute Operator; Concrete Saw Operator; Drill Operator (hydraulic, diamond, aiartrac); Faller and Bucker Chain Saw; Grade Checker and Transit Person; Groutmen (pressure) including post tension beams; Hazardous Waste Worker (Level B); High Scaler; Jackhammer; Laserbeam Operator; Manhole Builder-Mudman; Nozzleman (concrete pump, green cutter when using combination of high pressure air and water on concrete and rock, sandblast, gunite, shotcrete, water blaster, vacuum blaster); Pavement Breaker; Pipe Layer and Caulker; Pipe Pot Tender; Pipe Reliner (not insert type); Pipe Wrapper; Power Jacks; Railroad Spike Puller-Power; Raker-Asphalt; Rivet Buster; Rodder; Sloper (over 20 ft); Spreader (concrete); Tamper and Similar electric, air and glas

operated tool; Timber Person-sewer (lagger shorer and cribber); Track Liner Power; Tugger Operator; Vibrator; Well Point Laborer

GROUP 5: Caisson Worker; Miner; Mortarman and Hodcarrier; Powderman; Re-Timberman; Hazardous Waste Worker (Level A).

LABO0238-004 06/01/2008

ADAMS, ASOTIN, BENTON, COLUMBIA, DOUGLAS (EAST OF THE 120TH MERIDIAN), FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA AND WHITMAN COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1	$ 20.56	7.70
GROUP 2	$ 22.66	7.70
GROUP 3	$ 22.93	7.70
GROUP 4	$ 23.20	7.70
GROUP 5	$ 23.48	7.70
GROUP 6	$ 24.85	7.70

Zone Differential (Add to Zone 1 rate): $2.00

BASE POINTS: Spokane, Pasco, Lewiston

Zone 1: 0-45 radius miles from the main post office.
Zone 2: 45 radius miles and over from the main post office.

LABORERS CLASSIFICATIONS

GROUP 1: Flagman; Landscape Laborer; Scaleman; Traffic Control Maintenance Laborer (to include erection and maintenance of barricades, signs and relief of flagperson); Window Washer/Cleaner (detail cleanup, such as, but not limited to cleaning floors, ceilings, walls, windows, etc. prior to final acceptance by the owner)

GROUP 2: Asbestos Abatement Worker; Brush Hog Feeder; Carpenter Tender; Cement Handler; Clean-up Laborer; Concrete Crewman (to include stripping of forms, hand operating jacks on slip form construction, application of concrete curing compounds, pumpcrete machine, signaling, handling the nozzle of squeezcrete or similar machine,6 inches and smaller); Confined Space Attendant; Concrete Signalman; Crusher Feeder; Demolition (to include clean-up, burning, loading, wrecking and salvage of all material); Dumpman; Fence Erector; Firewatch; Form Cleaning Machine Feeder, Stacker; General Laborer; Grout Machine Header Tender; Guard Rail (to include guard rails, guide and reference posts, sign posts, and right-of-way markers); Hazardous Waste Worker, Level D (no respirator is used and skin protection is minimal); Miner, Class "A" (to include all bull gang, concrete crewman, dumpman and pumpcrete crewman, including distributing pipe, assembly & dismantle, and nipper); Nipper; Riprap Man; Sandblast Tailhoseman; Scaffold Erector (wood or steel); Stake Jumper; Structural

Mover (to include separating foundation, preparation, cribbing, shoring, jacking and unloading of structures); Tailhoseman (water nozzle); Timber Bucker and Faller (by hand); Track Laborer (RR); Truck Loader; Well-Point Man; All Other Work Classifications Not Specially Listed Shall Be Classified As General Laborer

GROUP 3: Aspahlt Raker; Asphalt Roller, walking; Cement Finisher Tender; Concrete Saw, walking; Demolition Torch; Dope Pot Firemen, non-mechanical; Driller Tender (when required to move and position machine); Form Setter, Paving; Grade Checker using level; Hazardous Waste Worker, Level C (uses a chemical "splash suit" and air purifying respirator); Jackhammer Operator; Miner, Class "B" (to include brakeman, finisher, vibrator, form setter); Nozzleman (to include squeeze and flo-crete nozzle); Nozzleman, water, air or steam; Pavement Breaker (under 90 lbs.); Pipelayer, corrugated metal culvert; Pipelayer, multi- plate; Pot Tender; Power Buggy Operator; Power Tool Operator, gas, electric, pneumatic; Railroad Equipment, power driven, except dual mobile power spiker or puller; Railroad Power Spiker or Puller, dual mobile; Rodder and Spreader; Tamper (to include operation of Barco, Essex and similar tampers); Trencher, Shawnee; Tugger Operator; Wagon Drills; Water Pipe Liner; Wheelbarrow (power driven)

GROUP 4: Air and Hydraulic Track Drill; Brush Machine (to include horizontal construction joint cleanup brush machine, power propelled); Caisson Worker, free air; Chain Saw Operator and Faller; Concrete Stack (to include laborers when laborers working on free standing concrete stacks for smoke or fume control above 40 feet high); Gunite (to include operation of machine and nozzle); Hazardous Waste Worker, Level B (uses same respirator protection as Level A. A supplied air line is provided in conjunction with a chemical "splash suit"); High Scaler; Laser Beam Operator (to include grade checker and elevation control); Miner, Class C (to include miner, nozzleman for concrete, laser beam operator and rigger on tunnels); Monitor Operator (air track or similar mounting); Mortar Mixer; Nozzleman (to include jet blasting nozzleman, over 1,200 lbs., jet blast machine power propelled, sandblast nozzle); Pavement Breaker (90 lbs. and over); Pipelayer (to include working topman, caulker, collarman, jointer, mortarman, rigger, jacker, shorer, valve or meter installer); Pipewrapper; Plasterer Tender; Vibrators (all)

GROUP 5 - Drills with Dual Masts; Hazardous Waste Worker, Level A (utilizes a fully encapsulated suit with a self-contained breathing apparatus or a supplied air line); Miner Class "D", (to include raise and shaft miner, laser beam operator on riases and shafts)

GROUP 6 - Powderman

LABO0238-006 06/01/2008

COUNTIES EAST OF THE 120TH MERIDIAN: ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, LINCOLN, OKANOGAN, PEND OREILLE, STEVENS, SPOKANE, WALLA WALLA,

WHITMAN

	Rates	Fringes
Hod Carrier	$ 24.10	7.70

LABO0335-001 06/01/2008

CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH OF A STRAIGHT LINE MADE BY EXTENDING THE NORTH BOUNDARY LINE OF WAHKIAKUM COUNTY WEST TO THE PACIFIC OCEAN), SKAMANIA AND WAHKIAKUM COUNTIES

	Rates	Fringes
Laborers:		
ZONE 1:		
GROUP 1	$ 27.46	8.40
GROUP 2	$ 28.06	8.40
GROUP 3	$ 28.50	8.40
GROUP 4	$ 28.88	8.40
GROUP 5	$ 24.96	8.40
GROUP 6	$ 22.54	8.40
GROUP 7	$ 19.34	8.40

Zone Differential (Add to Zone 1 rates):
Zone 2 $ 0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: GOLDENDALE, LONGVIEW, AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city all.
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.
ZONE 5: More than 80 miles from the respective city hall.

LABORERS CLASSIFICATIONS

GROUP 1: Asphalt Plant Laborers; Asphalt Spreaders; Batch Weighman; Broomers; Brush Burners and Cutters; Car and Truck Loaders; Carpenter Tender; Change-House Man or Dry Shack Man; Choker Setter; Clean-up Laborers; Curing, Concrete; Demolition, Wrecking and Moving Laborers; Dumpers, road oiling crew; Dumpmen (for grading crew); Elevator Feeders; Guard Rail, Median Rail Reference Post, Guide Post, Right of Way Marker; Fine Graders; Fire Watch; Form Strippers (not swinging stages); General Laborers; Hazardous Waste Worker; Leverman or Aggregate Spreader (Flaherty and similar types); Loading Spotters; Material Yard Man (including electrical); Pittsburgh Chipper Operator or Similar Types; Railroad Track Laborers; Ribbon Setters (including steel forms); Rip Rap Man (hand placed); Road Pump Tender; Sewer Labor; Signalman; Skipman; Slopers; Spraymen; Stake Chaser; Stockpiler; Tie Back Shoring;

Timber Faller and Bucker (hand labor); Toolroom Man (at job site); Tunnel Bullgang (above ground); Weight-Man- Crusher (aggregate when used)

GROUP 2: Applicator (including pot power tender for same), applying protective material by hand or nozzle on utility lines or storage tanks on project; Brush Cutters (power saw); Burners; Choker Splicer; Clary Power Spreader and similar types; Clean- up Nozzleman-Green Cutter (concrete, rock, etc.); Concrete Power Buggyman; Concrete Laborer; Crusher Feeder; Demolition and Wrecking Charred Materials; Gunite Nozzleman Tender; Gunite or Sand Blasting Pot Tender; Handlers or Mixers of all Materials of an irritating nature (including cement and lime); Tool Operators (includes but not limited to: Dry Pack Machine; Jackhammer; Chipping Guns; Paving Breakers); Pipe Doping and Wrapping; Post Hole Digger, air, gas or electric; Vibrating Screed; Tampers; Sand Blasting (Wet); Stake-Setter; Tunnel-Muckers, Brakemen, Concrete Crew, Bullgang (underground)

GROUP 3: Asbestos Removal; Bit Grinder; Drill Doctor; Drill Operators, air tracks, cat drills, wagon drills, rubber-mounted drills, and other similar types including at crusher plants; Gunite Nozzleman; High Scalers, Strippers and Drillers (covers work in swinging stages, chairs or belts, under extreme conditions unusual to normal drilling, blasting, barring-down, or sloping and stripping); Manhole Builder; Powdermen; Concrete Saw Operator; Pwdermen; Power Saw Operators (Bucking and Falling); Pumpcrete Nozzlemen; Sand Blasting (Dry); Sewer Timberman; Track Liners, Anchor Machines, Ballast Regulators, Multiple Tampers, Power Jacks, Tugger Operator; Tunnel-Chuck Tenders, Nippers and Timbermen; Vibrator; Water Blaster

GROUP 4: Asphalt Raker; Concrete Saw Operator (walls); Concrete Nozzelman; Grade Checker; Pipelayer; Laser Beam (pipelaying)-applicable when employee assigned to move, set up, align; Laser Beam; Tunnel Miners; Motorman-Dinky Locomotive-Tunnel; Powderman-Tunnel; Shield Operator-Tunnel

GROUP 5: Traffic Flaggers

GROUP 6: Fence Builders

GROUP 7: Landscaping or Planting Laborers

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* LABO0335-010 06/01/2008

	Rates	Fringes
Hod Carrier		
Brick Mason Tender/Hod Carrier	$ 29.58	8.40

PAIN0005-002 06/01/2008

STATEWIDE EXCEPT CLARK, COWLITZ, KLICKITAT, PACIFIC (SOUTH), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
STRIPERS	$ 26.50	11.40

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* PAIN0005-004 03/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
PAINTER	$ 20.82	7.44

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* PAIN0005-006 07/01/2008

ADAMS, ASOTIN; BENTON AND FRANKLIN (EXCEPT HANFORD SITE); CHELAN, COLUMBIA, DOUGLAS, FERRY, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Painters:		
Application of Cold Tar Products, Epoxies, Polyurethanes, Acids, Radiation Resistant Material, Water and Sandblasting, Bridges, Towers, Tanks, Stacks, Steeples	$ 20.84	7.88
Over 30'/Swing Stage Work	$ 21.54	7.88
Brush, Roller, Striping, Steam-cleaning and Spray	$ 15.09	6.68
Lead Abatement, Asbestos Abatement	$ 20.84	7.88
TV Radio, Electrical Transmission Towers	$ 21.59	7.88
Over 30'/Swing Stage Work	$ 22.29	7.88

*$.70 shall be paid over and above the basic wage rates listed for work on swing stages and high work of over 30 feet.

PAIN0055-002 10/01/2008

CLARK, COWLITZ, KLICKITAT, PACIFIC, SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
Brush & Roller	$ 19.69	7.14
High work - All work 60 ft. or higher	$ 20.44	7.14
Spray and Sandblasting	$ 20.29	7.14

PAIN0055-007 06/01/2007

CLARK, COWLITZ, KLICKITAT, SKAMANIA and WAHKIAKUM COUNTIES

	Rates	Fringes
Painters:		
HIGHWAY & PARKING LOT STRIPER	$ 28.27	8.27

PLAS0072-004 06/01/2007

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT, KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN, AND YAKIMA COUNTIES

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER		
ZONE 1:	$ 24.68	7.98

Zone Differential (Add to Zone 1 rate): Zone 2 - $2.00

BASE POINTS: Spokane, Pasco, Moses Lake, Lewiston
Zone 1: 0 - 45 radius miles from the main post office
Zone 2: Over 45 radius miles from the main post office

PLAS0528-001 06/01/2008

CLALLAM, COWLITZ, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC, PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON, WAHKIAKUM AND WHATCOM COUNTIES

	Rates	Fringes
Cement Masons:		
CEMENT MASON	$ 34.68	12.13
COMPOSITION, COLOR MASTIC, TROWEL MACHINE, GRINDER, POWER TOOLS, GUNNITE NOZZLE	$ 35.18	12.13
TROWLING MACHINE OPERATOR ON COLORED SLABS, COMPOSITION OR KALMAN FLOORS	$ 36.18	12.13

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* PLAS0555-002 06/01/2009

CLARK, KLICKITAT AND SKAMANIA COUNTIES

ZONE 1:

	Rates	Fringes
Cement Masons:		
CEMENT MASONS DOING BOTH COMPOSITION/POWER MACHINERY AND SUSPENDED/HANGING SCAFFOLD	$ 29.94	15.59
CEMENT MASONS ON SUSPENDED, SWINGING AND/OR HANGING SCAFFOLD	$ 29.41	15.59

CEMENT MASONS.....$ 28.87 15.59
COMPOSITION WORKERS AND
POWER MACHINERY OPERATORS...$ 29.41 15.59

Zone Differential (Add To Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 3.00

BASE POINTS: BEND, CORVALLIS, EUGENE, MEDFORD, PORTLAND, SALEM, THE DALLES, VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall
ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.
ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.
ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.
ZONE 5: More than 80 miles from the respective city hall

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* PLUM0032-002 06/01/2009

CLALLAM, KING AND JEFFERSON COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 45.00	19.41

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* PLUM0032-003 06/01/2009

CHELAN, KITTITAS (NORTHERN TIP), DOUGLAS (NORTH), AND OKANOGAN (NORTH) COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 32.60	15.49

PLUM0044-003 06/01/2007

ADAMS (NORTHERN PART), ASOTIN (CLARKSTON ONLY), FERRY (EASTERN PART), LINCOLN, PEND ORIELLE, STEVENS, SPOKANE, AND WHITMAN COUNTIES

	Rates	Fringes
Plumbers and Pipefitters		
ADAMS (NORTHERN PART), ASOTIN (CLARKSTON ONLY), FERRY (EASTERN PART), LINCOLN, PEND ORIELLE AND STEVENS AND SPOKANE COUNTIES	$ 30.14	12.81
WHITMAN COUNTY	$ 36.24	12.81

PLUM0082-001 06/01/2007

CLARK (NORTHERN TIP INCLUDING WOODLAND), COWLITZ, GRAYS HARBOR, LEWIS, MASON (EXCLUDING NE SECTION), PACIFIC, PIERCE SKAMANIA,

THURSTON AND WAHKIAKUM COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 35.55	15.32

PLUM0265-003 06/01/2007

ISLAND, SKAGIT, SNOHOMISH,SAN JUAN AND WHATCOM COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 35.55	15.32

* PLUM0290-003 04/01/2009

CLARK (ALL EXCLUDING NORTHERN TIP INCLUDING CITY OF WOODLAND)

	Rates	Fringes
Plumbers and Pipefitters	$ 35.69	18.59

PLUM0598-005 06/01/2008

ADAMS (SOUTHERN PART), ASOTIN (EXCLUDING THE CITY OF CLARKSTON), BENTON, COLUMBIA, DOUGLAS (EASTERN HALF), FERRY (WESTERN PART), FRANKLIN, GARFIELD, GRANT, KITTITAS (ALL BUT NORTHERN TIP), KLICKITAT, LINCOLN (WESTERN PART), OKANOGAN (EASTERN), WALLA WALLA AND YAKIMA COUNTIES

	Rates	Fringes
PLUMBER	$ 38.64	19.10

PLUM0631-001 06/01/2007

MASON (NE SECTION) AND KITSAP COUNTY

	Rates	Fringes
Plumbers and Pipefitters		
All new construction, additions, and remodeling of commercial building projects such as: cocktail lounges and taverns, professional buildings, medical clinics, retail stores, hotels and motels, restaurants and fast food types, gasoline service stations, and car washes where the plumbing and mechanical cost of the project is less than $100,000	$ 27.39	11.18
All other work where the plumbing and mechanical cost of the project is $100,000 and over	$ 34.90	15.32

TEAM0037-002 06/01/2009

CLARK, COWLITZ, KLICKITAT, PACIFIC (South of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), SKAMANIA, AND WAHKIAKUM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE 1		
GROUP 1	$ 26.90	12.75
GROUP 2	$ 27.02	12.75
GROUP 3	$ 27.15	12.75
GROUP 4	$ 27.41	12.75
GROUP 5	$ 27.63	12.75
GROUP 6	$ 27.79	12.75
GROUP 7	$ 27.99	12.75

Zone Differential (Add to Zone 1 Rates):
Zone 2 - $0.65
Zone 3 - 1.15
Zone 4 - 1.70
Zone 5 - 2.75

BASE POINTS: ASTORIA, THE DALLES, LONGVIEW AND VANCOUVER

ZONE 1: Projects within 30 miles of the respective city hall.

ZONE 2: More than 30 miles but less than 40 miles from the respective city hall.

ZONE 3: More than 40 miles but less than 50 miles from the respective city hall.

ZONE 4: More than 50 miles but less than 80 miles from the respective city hall.

ZONE 5: More than 80 miles from the respective city hall.

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: A Frame or Hydra lifrt truck w/load bearing surface; Articulated Dump Truck; Battery Rebuilders; Bus or Manhaul Driver; Concrete Buggies (power operated); Concrete Pump Truck; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations there of: up to and including 10 cu. yds.; Lift Jitneys, Fork Lifts (all sizes in loading, unloading and transporting material on job site); Loader and/or Leverman on Concrete Dry Batch Plant (manually operated); Pilot Car; Pickup Truck; Solo Flat Bed and misc. Body Trucks, 0-10 tons; Truck Tender; Truck Mechanic Tender; Water Wagons (rated capacity) up to 3,000 gallons; Transit Mix and Wet or Dry Mix - 5 cu. yds. and under; Lubrication Man, Fuel Truck Driver, Tireman, Wash Rack, Steam Cleaner or combinations; Team Driver; Slurry Truck Driver or Leverman; Tireman

GROUP 2: Boom Truck/Hydra-lift or Retracting Crane;

Challenger; Dumpsters or similar equipment all sizes; Dump Trucks/Articulated Dumps 6 cu to 10 cu.; Flaherty Spreader Driver or Leverman; Lowbed Equipment, Flat Bed Semi-trailer or doubles transporting equipment or wet or dry materials; Lumber Carrier, Driver-Straddle Carrier (used in loading, unloading and transporting of materials on job site); Oil Distributor Driver or Leverman; Transit mix and wet or dry mix trcuks: over 5 cu. yds. and including 7 cu. yds.; Vacuum Trucks; Water truck/Wagons (rated capacity) over 3,000 to 5,000 gallons

GROUP 3: Ammonia Nitrate Distributor Driver; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 10 cu. yds. and including 30 cu. yds. includes Articulated Dump Trucks; Self-Propelled Street Sweeper; Transit mix and wet or dry mix truck: over 7 cu yds. and including 11 cu yds.; Truck Mechanic-Welder-Body Repairman; Utility and Clean-up Truck; Water Wagons (rated capacity) over 5,000 to 10,000 gallons

GROUP 4: Asphalt Burner; Dump Trucks, side, end and bottom cumps, including Semi-Trucks and Trains or combinations thereof: over 30 cu. yds. and including 50 cu. yds. includes Articulated Dump Trucks; Fire Guard; Transit Mix and Wet or Dry Mix Trucks, over 11 cu. yds. and including 15 cu. yds.; Water Wagon (rated capacity) over 10,000 gallons to 15,000 gallons

GROUP 5: Composite Crewman; Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 50 cu. yds. and including 60 cu. yds. includes Articulated Dump Trucks

GROUP 6: Bulk Cement Spreader w/o Auger; Dry Pre-Batch concrete Mix Trucks; Dump trucks, side, end and bottom dumps, including Semi Trucks and Trains of combinations thereof: over 60 cu. yds. and including 80 cu. yds., and includes Articulated Dump Trucks; Skid Truck

GROUP 7: Dump Trucks, side, end and bottom dumps, including Semi Trucks and Trains or combinations thereof: over 80 cu. yds. and including 100 cu. yds., includes Articulated Dump Trucks; Industrial Lift Truck (mechanical tailgate)

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* TEAM0174-001 06/01/2009

CLALLAM, GRAYS HARBOR, ISLAND, JEFFERSON, KING, KITSAP, LEWIS, MASON, PACIFIC (North of a straight line made by extending the north boundary line of Wahkiakum County west to the Pacific Ocean), PIERCE, SAN JUAN, SKAGIT, SNOHOMISH, THURSTON AND WHATCOM COUNTIES

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 1:	$ 31.87	14.60
GROUP 2:	$ 31.03	14.60
GROUP 3:	$ 28.22	14.60
GROUP 4:	$ 23.25	14.60

GROUP 5:.....$ 31.42 14.60

ZONE B (25-45 miles from center of listed cities*): Add $.70 per hour to Zone A rates.
ZONE C (over 45 miles from centr of listed cities*): Add $1.00 per hour to Zone A rates.

*Zone pay will be calculated from the city center of the following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1 - "A-frame or Hydralift" trucks and Boom trucks or similar equipment when "A" frame or "Hydralift" and Boom truck or similar equipment is used; Buggymobile; Bulk Cement Tanker; Dumpsters and similar equipment, Tournorockers, Tournowagon, Tournotrailer, Cat DW series, Terra Cobra, Le Tourneau, Westinghouse, Athye Wagon, Euclid Two and Four-Wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump Trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with 16 yards to 30 yards capacity: Over 30 yards $.15 per hour additional for each 10 yard increment; Explosive Truck (field mix) and similar equipment; Hyster Operators (handling bulk loose aggregates); Lowbed and Heavy Duty Trailer; Road Oil Distributor Driver; Spreader, Flaherty Transit mix used exclusively in heavy construction; Water Wagon and Tank Truck-3,000 gallons and over capacity

GROUP 2 - Bulllifts, or similar equipment used in loading or unloading trucks, transporting materials on job site; Dumpsters, and similar equipment, Tournorockers, Tournowagon, Turnotrailer, Cat. D.W. Series, Terra Cobra, Le Tourneau, Westinghouse, Athye wagon, Euclid two and four-wheeled power tractor with trailer and similar top-loaded equipment transporting material: Dump trucks, side, end and bottom dump, including semi-trucks and trains or combinations thereof with less than 16 yards capacity; Flatbed (Dual Rear Axle); Grease Truck, Fuel Truck, Greaser, Battery Service Man and/or Tire Service Man; Leverman and loader at bunkers and batch plants; Oil tank transport; Scissor truck; Slurry Truck; Sno-Go and similar equipment; Swampers; Straddler Carrier (Ross, Hyster) and similar equipment; Team Driver; Tractor (small, rubber-tired)(when used within Teamster jurisdiction); Vacuum truck; Water Wagon and Tank trucks-less than 3,000 gallons capacity; Winch Truck; Wrecker, Tow truck and similar equipment

GROUP 3 - Flatbed (single rear axle); Pickup Sweeper; Pickup Truck. (Adjust Group 3 upward by $2.00 per hour for onsite work only)

GROUP 4 - Escort or Pilot Car

GROUP 5 - Mechanic

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in addition to the classification working in as follows:
LEVEL C: +$.25 per hour - This level uses an air purifying respirator or additional protective clothing.
LEVEL B: +$.50 per hour - Uses same respirator protection as Level A. Supplied air line is provided in conjunction with a chemical "splash suit."
LEVEL A: +$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

TEAM0760-002 06/01/2008

ADAMS, ASOTIN, BENTON, CHELAN, COLUMBIA, DOUGLAS, FERRY, FRANKLIN, GARFIELD, GRANT KITTITAS, LINCOLN, OKANOGAN, PEND OREILLE, SPOKANE, STEVENS, WALLA WALLA, WHITMAN AND YAKIMA COUNTIES

	Rates	Fringes
Truck drivers: (ANYONE WORKING ON HAZMAT JOBS SEE FOOTNOTE A BELOW)		
ZONE 1:		
GROUP 1	$ 20.02	11.05
GROUP 2	$ 22.29	11.05
GROUP 3	$ 22.79	11.05
GROUP 4	$ 23.12	11.05
GROUP 5	$ 23.23	11.05
GROUP 6	$ 23.40	11.05
GROUP 7	$ 23.93	11.05
GROUP 8	$ 24.26	11.05

Zone Differential (Add to Zone 1 rate: Zone 2 - $2.00)

BASE POINTS: Spokane, Moses Lake, Pasco, Lewiston
Zone 1: 0-45 radius miles from the main post office.
Zone 2: Outside 45 radius miles from the main post office

TRUCK DRIVERS CLASSIFICATIONS

GROUP 1: Escort Driver or Pilot Car; Employee Haul; Power Boat Hauling Employees or Material

GROUP 2: Fish Truck; Flat Bed Truck; Fork Lift (3000 lbs. and under); Leverperson (loading trucks at bunkers); Trailer Mounted Hydro Seeder and Mulcher; Seeder & Mulcher; Stationary Fuel Operator; Tractor (small, rubber-tired, pulling trailer or similar equipment)

GROUP 3: Auto Crane (2000 lbs. capacity); Buggy Mobile & Similar; Bulk Cement Tanks & Spreader; Dumptor (6 yds. & under); Flat Bed Truck with Hydraullic System; Fork Lift

(3001-16,000 lbs.); Fuel Truck Driver, Steamcleaner & Washer; Power Operated Sweeper; Rubber-tired Tunnel Jumbo; Scissors Truck; Slurry Truck Driver; Straddle Carrier (Ross, Hyster, & similar); Tireperson; Transit Mixers & Truck Hauling Concrete (3 yd. to & including 6 yds.); Trucks, side, end, bottom & articulated end dump (3 yards to and including 6 yds.); Warehouseperson (to include shipping & receiving); Wrecker & Tow Truck

GROUP 4: A-Frame; Burner, Cutter, & Welder; Service Greaser; Trucks, side, end, bottom & articulated end dump (over 6 yards to and including 12 yds.); Truck Mounted Hydro Seeder; Warehouseperson; Water Tank truck (0-8,000 gallons)

GROUP 5: Dumptor (over 6 yds.); Lowboy (50 tons & under); Self- loading Roll Off; Semi-Truck & Trailer; Tractor with Steer Trailer; Transit Mixers and Trucks Hauling Concrete (over 6 yds. to and including 10 yds.); Trucks, side, end, bottom and end dump (over 12 yds. to & including 20 yds.); Truck-Mounted Crane (with load bearing surface either mounted or pulled, up to 14 ton); Vacuum Truck (super sucker, guzzler, etc.)

GROUP 6: Flaherty Spreader Box Driver; Flowboys; Fork Lift (over 16,000 lbs.); Dumps (Semi-end); Mechanic (Field); Semi- end Dumps; Transfer Truck & Trailer; Transit Mixers & Trucks Hauling Concrete (over 10 yds. to & including 20 yds.); Trucks, side, end, bottom and articulated end dump (over 20 yds. to & including 40 yds.); Truck and Pup; Tournarocker, DWs & similar with 2 or more 4 wheel-power tractor with trailer, gallonage or yardage scale, whichever is greater Water Tank Truck (8,001- 14,000 gallons); Lowboy(over 50 tons)

GROUP 7: Oil Distributor Driver; Stringer Truck (cable oeprated trailer); Transit Mixers & Trucks Hauling Concrete (over 20 yds.); Truck, side, end, bottom end dump (over 40 yds. to & including 100 yds.); Truck Mounted Crane (with load bearing surface either mounted or pulled (16 through 25 tons);

GROUP 8: Prime Movers and Stinger Truck; Trucks, side, end, bottom and articulated end dump (over 100 yds.); Helicopter Pilot Hauling Employees or Materials

Footnote A - Anyone working on a HAZMAT job, where HAZMAT certification is required, shall be compensated as a premium, in additon to the classification working in as follows:

LEVEL C-D: - $.50 PER HOUR (This is the lowest level of protection. This level may use an air purifying respirator or additional protective clothing.

LEVEL A-B: - $1.00 PER HOUR (Uses supplied air is conjunction with a chemical spash suit or fully encapsulated suit with a self-contained breathing apparatus.

Employees shall be paid Hazmat pay in increments of four(4) and eight(8) hours.

NOTE:
Trucks Pulling Equipment Trailers: shall receive $.15/hour over applicable truck rate

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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator

U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

2nd Avenue Extension Project
PSE/Potelco Vault Schedule

Vault Number		STA	Off Set	Vault Size L X W X D (ft)	Approximate Excavation Volume L X W X D (ft)
V[1]	1	64+20	16 RT	7 x 11 x 7	10 x 13 x 7.5
V	2	03+12	51 RT	4'8" x 4'8" x 4'8"	8 x 8 x 4.5
V	3	03+10	32 LT	7 x 11 x 7	10 x 13 x 7.5
V	4	04+30	32 LT	5 x 7 x 5	9 x 11 x 6
V	5	05+18	32 LT	4'8" x 4'8" x 4'8"	8 x 8 x 4.5
V	6	06+40	32 LT	4'8" x 4'8" x 4'8"	8 x 8 x 4.5
V	7	06+50	32 LT	4'8" x 4'8" x 4'8"	8 x 8 x 4.5
V	8	07+60	32 LT	5 x 7 x 5	9 x 11 x 6

Handhole Vault Number	STA	Off Set	Vault Size L X W X D (ft)	Approximate Excavation Volume L X W X D (ft)
HH4A	04+32	33 RT	2 x 3 X 2	4 x 5 x 2.5
HH4B	05+12	32 RT	2 x 3 X 2	4 x 5 x 2.5
HH5A	05+12	32 RT	2 x 3 X 2	4 x 5 x 2.5
HH5B	05+72	31 RT	2 x 3 X 2	4 x 5 x 2.5
HH7	06+94	32 RT	2 x 3 X 2	4 x 5 x 2.5

[1] STA from on 2nd Ave. Alignment, south of WA.