
Special Provisions

SPECIAL PROVISIONS - CONTENTS

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Current APWA GSP's <https://www.wsdot.wa.gov/partners/apwa/>

Current WSDOT GSP's
<https://wsdot.wa.gov/Business/Construction/SpecificationsAmendmentsGSPs.htm>

INTRODUCTION TO THE SPECIAL PROVISIONS

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2022 English edition, as amended, as issued by the Washington State Department of Transportation (WSDOT), Washington State Chapter (hereafter "Standard Specifications").

The Standard Specifications, as modified or supplemented by these Special Provisions, shall govern all of the Work. The deletion, amendment, alteration, or addition to any subsection or portion of the Standard Specifications is meant to pertain only to that particular portion of the section, and in no way should it be interpreted that the balance of the section does not apply.

Also incorporated into the Contract Documents by reference are:

Manual on Uniform Traffic Control Devices for Streets and Highways, current edition as amended by WSDOT

Standard Plans for Road, Bridge and Municipal Construction, WSDOT, 2008 edition

City of Lakewood Engineering Standards Manual, current edition

City of Lakewood Standard Plans, current edition

Contractor shall obtain copies of these publications, at Contractor's own expense.

DESCRIPTION OF WORK

The work to be performed under this Contract consists of furnishing of materials, equipment, tools, labor, and other work or items incidental thereto (excepting any materials, equipment, utilities, or service, if any specified herein to be furnished by Owner or others), and performing all Work as required by the Contract in accordance with the Contract Documents, all of which are made a part hereof.

This project consists of storm drainage pipe repair and improvement installation within the right-of-way at various sites within the City of Lakewood. Work also includes but is not limited to installation of storm drainage structures, road and property restoration, and all other necessary work to complete the project as specified and shown in the Contract Documents.

★ ★ IMPORTANT - PLEASE READ ★ ★

These Special Provisions *supplement*, add *new*, *replace*, or *modify* the combined Standard Specifications and Amendments. For clarification of the purpose of the sections provided, these Special Provisions have the following added section descriptors:

Supplement: Text supplements, slightly modifies, or adds clarification to the identified section of the Standard Specifications.

New: Item/specification is unique to this project and will not be found in the Standard Specifications.

Replacement: A replacement of the entire identified section or subsection of the Standard Specifications.

Modification: A replacement of the identified sentence or paragraph of the Standard Specifications.

WSDOT GSP: A WSDOT General Special Provision applicable to this project, or required to be inserted in the specifications of all projects with Federal Aid

**DIVISION 1
GENERAL REQUIREMENTS**

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

Modification

Delete the Heading **Completion Dates** and the three paragraphs that follow it, and replace them with the following:

Dates

Bid Opening Date

The date on which the Contracting Agency publicly opens and reads the Bids.

Award Date

The date of the formal decision of the Contracting Agency to accept the lowest responsible and responsive Bidder for the Work.

Completion Date

The day all the Work specified in the Contract is completed and all the obligations of the Contractor under the contract are fulfilled by the Contractor. All documentation required by the Contract and required by law must be furnished by the Contractor before establishment of this date.

Contract Execution Date

The date the Contracting Agency officially binds the Agency to the Contract.

Final Acceptance Date

The date on which the Contracting Agency accepts the Work as complete.

Notice to Proceed Date

The date stated in the Notice to Proceed on which the Contract time begins.

Substantial Completion Date

The day the Engineer determines the Contracting Agency has full and unrestricted use and benefit of the facilities, both from the operational and safety standpoint, any remaining traffic disruptions will be rare and brief, and only minor incidental work, replacement of temporary substitute facilities, plant establishment periods, or correction or repair remains for the Physical Completion of the total Contract.

Physical Completion Date

The day all of the Work is physically completed on the project. All documentation required by the Contract and required by law does not necessarily need to be furnished by the Contractor by this date.

Section 1-01.3 is supplemented with the following:

All references to “final contract voucher certification” shall be interpreted to mean the

Contracting Agency form(s) by which final payment is authorized, and final completion and acceptance granted.

Whenever the words “as directed”, “as required”, “as permitted”, or words of the like effect are used, it shall be understood that the direction, requirement or permission of Owner and Engineer is intended. The words “sufficient”, “necessary”, “proper”, and the like shall mean sufficient, necessary or proper in the judgment of Owner and Engineer. The words “approved”, “acceptable”, “satisfactory” or other words of like import shall mean approved by or acceptable to Owner and Engineer.

Additive

A supplemental unit of work or group of bid items, identified separately in the Bid Proposal, which may, at the discretion of the Contracting Agency, be awarded in addition to the base bid.

Alternate

One of two or more units of work or groups of bid items, identified separately in the proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Business Day

Any day other than Saturday, Sunday, or a legal local, state, or Federal holiday.

Contract Price

Either the unit price or prices, or lump sum price or prices named in the proposal, or in properly executed change orders.

Contract Time

The period of time established by the terms and conditions of the contract within which the work must be completed.

Days

Days as used in these Special Provisions will be understood to mean **working days** unless otherwise stated.

Install

Means “furnish and install” as specified and shown in the Plans unless otherwise noted that materials are to be furnished by others.

Or Equivalent

A manufactured article, material, method, or work, which in the sole opinion of the Engineer is equally desirable or suitable for the purposes intended in the Contract Documents, as compared with similar articles specifically mentioned therein.

Owner

The City of Lakewood and its authorized representatives, which is a party to the Agreement. Also referred to in the Standard Specifications as Contracting Agency.

Performance and Payment Bond

Same as “Contract Bond” defined in the Standard Specifications.

Provide

Means “furnish and install” as specified and shown in the Plans.

Shop Drawings

Same as “Working Drawings” defined in the Standard Specifications.

Supplemental Drawings and Instructions

Additional instructions by Engineer at request of Contractor by means of drawings or documents necessary, in the opinion of Engineer, for the proper execution of the work. Such drawings and instructions are consistent with the Contract Documents.

Utility

Public or private fixed improvement for the transportation of fluids, gases, power, signals, or communications and shall be understood to include tracks, overhead and underground wires, cables, pipelines, conduits, ducts, sewers, or storm drains.

1-02 BID PROCEDURES AND CONDITIONS

1-02.1 Prequalification of Bidders

Replacement

Delete Section 1-02.1 and replace it with the following:

1-02.1 Qualifications of Bidder

Bidders shall be qualified by experience, financing, equipment, and organization to do the work called for in the Contract. The Contracting Agency reserves the right to take whatever action it deems necessary to ascertain the ability of the bidder to perform the work satisfactorily.

Before award of a public works contract, a bidder must meet at least the minimum qualifications of RCW 39.04.350(1) to be considered a responsible bidder and qualified to be awarded a public works project.

1-02.2 Plans and Specifications

Replacement

Delete Section 1-02.2 and replace it with the following:

Information as to where Bid Documents can be obtained or reviewed can be found in the Call for Bids (Advertisement for Bids) for the work.

After Award of the Contract, the Plans and Specifications will be issued without charge to the Contractor on the following basis:

To Prime Contractor	No. of Sets	Basis of Distribution
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Reduced Plans (11" X 17") and accompanying Special Provisions	3	Furnished upon request after Award.
Large Plans (22" X 34") and accompanying Special Provisions	1	Furnished upon request after Award.

1-02.5 Proposal Forms *Replacement*

Delete this section and replace it with the following:

Bidders must access an electronic Proposal Form for submittal via QuestCDN, as described in the Notice to Bidders.

The Proposal Form will identify the project and its location and describe the work. It will also list estimated quantities, units of measurement, the items of work, and the materials to be furnished at the unit bid prices.

The Contracting Agency reserves the right to arrange the proposal forms with alternates and additives, if such be to the advantage of the Contracting Agency. The bidder shall bid on all Bid Schedules, alternates and additives set forth in the Proposal Form unless otherwise specified.

1-02.9 Delivery of Proposal *Replacement*

Delete this section and replace it with the following:

Each Proposal shall be submitted to the City electronically via QuestCDN, to ensure proper handling and delivery. All electronic documents shall be in PDF format.

All information required must be submitted with the Bid Proposal itself, at the time stated in the Advertisement for Bid and will be flagged as such and the bid will not be able to be submitted until the required information is uploaded to QuestCDN.

Proposals that are received as required will be publicly opened and read as specified in Section 1-02.12. The Contracting Agency will open the Bid Proposals that are received after the time specified in the Advertisement for Bid via a Zoom meeting immediately following the closing date and time. An invite will be sent to the companies listed on QuestCDN as plan holders, which will provide an option to visually observe the bid information that will be read aloud or you can call in and listen to the values as they are read aloud. The Contracting Agency will not open or consider any documentation that is received after the time specified in the Advertisement for Bids, or received in a location other than that specified in the Advertisement for Bids.

If an emergency or unanticipated event interrupts normal work processes of the Contracting Agency so that Proposals cannot be received at the office designated for receipt of bids as specified in Section 1-02.12 an Addendum will be issued and the time for submittals will be extended by addendum.

1-02.10 Withdrawing, Revising, or Supplementing Proposal*Replacement*

Delete this section, and replace it with the following:

The Contracting Agency will not accept requests to revise or withdraw electronic Bid Proposals. Such requests shall be furnished directly to QuestCDN and in accordance with their terms and conditions.

1-02.12 Public Opening of Proposals*Replacement*

The first paragraph of this section shall be deleted and replaced with the following:

Proposals will be opened and publicly read aloud via Zoom at the time indicated in the Advertisement for Bids unless the bid opening has been delayed or canceled. The link for the Zoom meeting will be provided to the companies on the plan holders list on QuestCDN.

1-03 AWARD AND EXECUTION OF CONTRACT**1-03.1 Consideration of Bids***Modification*

Revise the first paragraph to read:

After opening and reading proposals, the Contracting Agency will check them for any discrepancies. If a discrepancy exists between the price per unit and the extended amount of any bid item, the price per unit will control. If a minimum bid amount has been established for any item and the bidder's unit or lump sum price is less than the minimum specified amount, the Contracting Agency will unilaterally revise the unit or lump sum price, to the minimum specified amount and recalculate the extension. The total of extensions, corrected where necessary, including sales taxes where applicable and such additives and/or alternates as selected by the Contracting Agency, will be used by the Contracting Agency for award purposes and to fix the Awarded Contract Price amount and the amount of the contract bond.

1-03.2 Award of Contract*Supplement*

Section 1-03.2 is supplemented with the following:

The award of contract, if made, will be made to the lowest responsible bidder. No award will be made until necessary investigations are made by Owner as to the responsibility of the apparent low bidder. Owner shall be the sole judge as to the responsibility of the bidder to satisfactorily perform the work as specified and within the time limit set.

A contract will not be awarded until Owner is satisfied that the lowest bidder is familiar with the class of work contemplated and has the necessary capital, tools, and experience to satisfactorily perform the work within the time stated. Completion of the work within the time stated is essential, and prior commitments of the bidder, failure to complete other work

on time, or reasonable doubt as to whether the bidder would complete the work on time would be cause for the rejection of any bid.

Owner further reserves the right to award the contract for the work subject to budget constraints, Owner's successful completion of financing arrangements, or upon obtaining all rights of entry from adjacent property owners.

A Notice of Award will be forwarded by Engineer on behalf of Owner to the successful Contractor, which notice will also state the place and date of the pre-construction conference. The Notice of Award will be accompanied by the Agreement form and Performance Bond to be signed by Contractor (and Surety as applicable) and returned to Owner within 10 calendar days from receipt, along with the applicable certificates of insurance.

1-03.4 Contract Bond

Supplement

Section 1-03.4 is supplemented with the following:

Release of Contract Bond will be one (1) year following Contracting Agency Final Acceptance of Contract, provided following conditions are met:

1. Payment to the State with respect to taxes imposed pursuant to Title 82, RCW on Contracts totaling more than \$ 35,000, a release has been obtained from the Washington State Department of Revenue.
2. Affidavits of Wages Paid for the Contractor and all Subcontractors are on file with the Contracting Agency (RCW 39.12.040).
3. A certificate of Payment of Contributions Penalties and Interest on Public Works Contract is received from the Washington State Employment Security Department.
4. Washington State Department of Labor and Industries (per Section 1-07.10) shows the Contractor, Subcontractor(s) and any lower tier Subcontractor(s) are current with payments of industrial insurance and medical aid premiums.
5. All claims, as provided by law, filed against the Contract Bond have been resolved.

1-03.8 Preconstruction Conference

New

Section 1-03.8 is added as follows:

A preconstruction conference will be held at a time and place fixed by Owner as stated in the Notice of Award.

In addition to Contractor, the intended project superintendents, subcontractor foremen, and major suppliers - those who will actually be involved in construction activities - should attend the preconstruction conference. Contractor must be prepared for a thorough discussion and review, as well as revision which may be deemed necessary in the opinion of Engineer, of the following:

→ These materials MUST be brought to the preconstruction conference OR submitted in advance for discussion followed by Engineer review.

- Contractor's plan of operation and progress schedule (3+ copies)
- Approval of qualified subcontractors – Request to Sublet (bring list of subcontractors if different from list submitted with Bid)
- List of materials fabricated or manufactured off the project
- Material sources on the project
- Names of principal suppliers
- Detailed equipment list, including “Rental Rate Blue Book” hourly costs (both working and standby rates)
- Weighted wage rates for all employee classifications anticipated to be used on Project
- Cost percentage breakdown for lump sum bid item(s)
- Shop Drawings (bring preliminary list)
- Traffic Control Plans (3+ copies)
- Temporary Water Pollution/Erosion Control Plan
 - Bonds and insurance
 - Project meetings – schedule and responsibilities
 - Provision for inspection for materials from outside sources
 - Responsibility for locating utilities
 - Responsibility for damage
 - Time schedule for relocations, if by other than Contractor
 - Compliance with Contract Documents
 - Acceptance and approval of work
 - Labor compliance, payrolls, certifications
 - Safety regulations for Contractors’ and Owner's employees and representatives
 - Suspension of work, time extensions
 - Change order procedures
 - Progress estimates - procedures for payment
 - Special requirements of funding agencies
 - Construction engineering, advance notice of special work
 - Any interpretation of the Contract Documents requested by Contractor
 - Any conflicts or omissions in Contract Documents
 - Any other problems or questions concerning the work
 - Processing and administration of public complaints
 - Easements and rights of entry
 - Other contracts

The franchise utilities may be present at the preconstruction conference, and Contractor should be prepared for their review and discussion of progress schedule and coordination.

1-04 SCOPE OF THE WORK

1-04.2 Coordination of Contract Documents, Plans, Special Provisions, Specifications, and Addenda

Modification

Delete the second paragraph of this section and replace it with the following:

Any inconsistency in the parts of the Contract shall be resolved by following this order of precedence (with 1 being the highest order of precedence):

1. Change Orders (if any)
2. Agreement Form
3. Addenda (if any)
4. Proposal
5. Special Provisions
6. WSDOT Standard Specifications
7. Contract Plans
8. Standard Plans/Details in Contract Provisions
9. City of Lakewood Standard Plans
10. WSDOT Standard Plans

1-04.4(1) Minor Changes

Supplement

Section 1-04.4(1) is supplemented with the following:

Payments and credits will be determined in accordance with Section 1-09.4 of the Standard Specifications. For the purpose of providing a common proposal for all bidders, the Contracting Agency has entered an amount for “Minor Changes” in the Proposal to become a part of the total bid by the Contractor. **The Contractor shall notify the Engineer immediately by telephone in the event of any change to the work that will require compensation and follow it up within two business days with written description and estimate of additional compensation e-mailed to the Engineer. Failure to notify the Engineer per these requirements will result in forfeiture of the claim of additional compensation.**

Minor Change	Force Account
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1-04.11 Final Cleanup

Supplement

Section 1-04.11 is supplemented with the following:

Final cleanup shall also include:

1. Clean all storm drain pipes, structures and ditches that may have filled during work.
2. Replace damaged surfacing.
3. Clean all windows and broom clean buildings, if required by the Engineer.

1-05 CONTROL OF WORK

1-05.4 Conformity With and Deviation from Plans and Stakes (APWA only)

Supplement

The Contractor supplied surveyor will provide construction stakes and marks establishing lines, slopes, and grades as stipulated in Sections 1-05.4(1) and 1-05.4(2) and will perform such work per Section 1-11. The Contractor shall assume full responsibility for detailed dimensions,

elevations, and excavation slopes measured from the Contractor supplied surveyor furnished stakes and marks.

The Contractor shall carefully preserve stakes, marks, and other reference points, including existing monumentation, set by Contracting Agency forces. The Contractor will be charged for the costs of replacing stakes, markers, and monumentation that were not to be disturbed but were destroyed or damaged by the Contractor's operations. This charge will be deducted from monies due or to become due to the Contractor.

Any claim by the Contractor for extra compensation by reason of alterations or reconstruction work allegedly due to error in the Engineer's line and grade will not be allowed unless the original control points set by the Engineer still exist, or unless other satisfactory substantiating evidence to prove the error is furnished the Engineer. Three consecutive points set on line or grade shall be the minimum points used to determine any variation from a straight line or grade. Any such variation shall, upon discovery, be reported to the Engineer. In the absence of such report, the Contractor shall be liable for any error in alignment or grade.

The Contractor shall provide all surveys required other than those to be performed by the Engineer. All survey work shall be done in accordance with Section 1-11 SURVEYING STANDARDS of these specifications.

The Contractor shall keep updated survey field notes in a standard field book and in a format set by the Engineer, per Section 1-11.1(3). These field notes shall include all survey work performed by the Contractor's surveyor in establishing line, grade, and slopes for the construction work. Copies of these field notes shall be provided to the Engineer upon request and, upon completion of the contract work, the field book or books shall be submitted to the Engineer and become the property of the Contracting Agency.

If the survey work provided by the Contractor does not meet the standards of the Engineer, then the Contractor shall, upon the Engineer's written request, remove the individual or individuals doing the survey work and the survey work will be completed by the Engineer at the Contractor's expense. Costs for completing the survey work required by the Engineer will be deducted from monies due or to become due the Contractor.

All costs for survey work required to be performed by the Contractor shall be included in the prices bid for the various items which comprise the improvement or be included in the bid item for "Contractor Supplied Surveying" per lump sum if that item is included in the contract.

1-05.4(4) Contractor Supplied Surveying

New

When the contract provides for Contractor Supplied Surveying, the Contractor shall supply the survey work required for the project. The Contractor shall retain as a part of the Contractor Organization an experienced team of surveyors under the direct supervision of a professional land surveyor licensed by the State of Washington. All survey work shall be done in accordance with Sections 1-05.4 and 1-11 of the Standard Specifications and these Special Provisions.

The Contractor and/or Surveyor shall inform the Engineer in writing of any errors, discrepancies, and omissions to the plans that prevent the Contractor and/or Surveyor from constructing the project in a manner satisfactory to the Engineer. All errors, discrepancies,

and omissions must be corrected to the satisfaction of the Engineer before the survey work may be continued.

The Contractor shall coordinate his/her work with the Surveyor and perform his/her operations in a manner to protect all survey stakes from harm. The Contractor shall inform the Surveyor of the Contractor's intent to remove any survey stakes and/or points before physically removing them.

The Surveyor shall be responsible for maintaining As-Built records for the project. The Contractor shall coordinate his/her operations and assist the Surveyor in maintaining accurate As-Built records for the project.

If the Contractor and Surveyor fail to provide, as directed by the Engineer and/or these plans and specifications, accurate As-Built records and other work the Engineer deems necessary, the Engineer may elect to provide at Contractor expense, a surveyor to provide all As-Built records and other work as directed by the Engineer. The Engineer shall deduct expenses incurred by the Engineer-supplied surveying from moneys owed to the Contractor.

1-05.4(5) Contractor Provided As-Built Information New

It shall be the Contractor's responsibility to record the location prior to the backfilling of the trenches, by centerline station, offset, and depth below pavement, of all existing utilities uncovered or crossed during his work as covered under this project.

It shall be the Contractor's responsibility to have his/her surveyor locate by centerline station, offset and elevation each major item of work done under this contract per the survey standard of Section 1-11 of these Special Provisions. Major items of work shall include but not be limited to:

- Manholes, Catch Basins and Inlets, Valves, Vertical and Horizontal Bends, Junction Boxes, Cleanouts, Side Sewers, Streetlights and Standards, Hydrants, Major Changes in Design Grade, Vaults, Culverts, Signal Poles, Electrical Cabinets.

After the completion of the work covered by this contract, the Contractor's Surveyor shall provide to the City the hard covered field book(s) containing the as-built notes and one set of white prints of the project drawings upon which Surveyor has plotted the notes of the Contractor locating existing utilities, and one set of white prints of the project drawings upon which Surveyor has plotted the as-built location of the new work as Surveyor recorded in the field book(s). This drawing shall bear the surveyor's seal and signature certifying its accuracy.

All costs for as-built work shall be included in the contract item "Contractor Supplied Surveying."

Payment will be made for the following bid item(s):

Contractor Supplied Surveying	Lump Sum
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Payment per Section 1-04.1 for all work and materials required for the full and complete survey work required to complete the project, provide information for listed design elements, and as-built drawings shall be included in the lump sum price for "Contractor Supplied Surveying."

1-05.7 Removal of Defective and Unauthorized Work*Supplement*

Section 1-05.7 is supplemented with the following:

If any work is declared defective and/or unauthorized by the engineer, the Contractor shall promptly replace and re-execute work by Contractor forces, in accordance with the intent of the Contract and without expense to Owner, and shall bear the expense of making good all work of other contractors destroyed or damaged by such removal or replacement.

If Contractor does not remove such condemned work and materials and commence re-execution of the work within 7 calendar days of notice from Engineer, Owner may correct the same as provided in the Standard Specifications. In that case, Owner may store removed material.

If Contractor does not pay the cost of such removal and storage within 10 calendar days from the date of the notice to Contractor of the fact of such removal, Owner may, upon an additional 10 calendar days written notice, sell such materials at public or private sale, and deduct all costs and expenses incurred from moneys due to Contractor, including costs of sale, and accounting to Contractor for the net proceeds remaining. Owner may bid at any such sale. Contractor shall be liable to Owner for the amount of any deficiency from any funds otherwise due Contractor.

If any part or portion of the work done or material furnished under this contract shall prove defective and not in accordance with the Contract Provisions and if the imperfection of the same shall not be of sufficient magnitude or importance as to make the work dangerous or unsuitable or if the removal of such work will create conditions which are dangerous or undesirable, the Owner shall have the right and authority to retain such work but shall make such deductions in the final payment as may be just and reasonable, at the sole discretion of the Owner.

The rights exercised under the provisions of this section shall not diminish the Contracting Agency's right to pursue any other avenue for additional remedy or damages with respect to the Contractor's failure to perform the work as required.

1-05.10 Guarantees*Supplement*

Section 1-05.10 is supplemented with the following:

Contractor shall be responsible for correcting all defects in workmanship and material within one year after Final Acceptance by Owner. Contractor shall start work to remedy such defects within seven (7) calendar days of written notice of discovery thereof by Owner and shall complete such work within the time stated in the notice. In emergencies, where damage may result from delay or where loss of services may result, such corrections may be made by Owner, in which case the cost shall be borne by Contractor. In the event Contractor does not accomplish corrections at the time specified, the work will be otherwise accomplished and the cost of same shall be paid by Contractor.

In the event Contractor does not accomplish corrections in the time specified, the work will be otherwise accomplished and the cost of same shall be paid by Contractor.

1-05.11 Final Inspection*Supplement*

Section 1-05.11 is supplemented with the following:

Unless otherwise noted in the Contract Documents, Contractor shall give Engineer a minimum of 3 working days notice of the time for each test and inspection. If the inspection is by another authority other than the Engineer, Contractor shall give Engineer a minimum of 3 working days notice of the date fixed for such inspection. Required certificates of inspection by other authority than Engineer shall be secured by Contractor.

1-05.14 Cooperation with Other Contractors*Supplement*

Section 1-05.14 is supplemented with the following:

Contractor shall afford Owner and other contractors working in the area reasonable opportunity for the introduction and storage of their materials and the execution of their respective work and shall properly connect and coordinate Contractor's work with theirs.

Other utilities, districts, agencies, and contractors who may be working within the project area are:

1. Puget Sound Energy (Power and Gas)
2. Tacoma Public Utility (Power and Click Cable)
3. Comcast
4. Century Link
5. City of Lakewood
6. Lakewood Water District
7. Pierce Transit

1-05.14(1) Notifications Relative to Contractor's Activities*New*

Section 1-05.14(1) is added as follows:

Contractor shall notify the following listed agencies and individuals, prior to commencement of the work, and submit to these agencies/individuals:

- a. The name(s) of the construction superintendent in responsible charge, and other individuals having full authority to execute the orders or directions of Engineer, in the event of an emergency.
- b. The time of the commencement and completion of work.
- c. Names of streets or locations of alleys to be closed.
- d. Schedule of operations.
- e. Routes of detours where possible.
- f. Planned utility shutdown times and locations.
- g. Construction staging.

Contractor must notify the same parties, in writing, of all changes to any of the above items during the project.

The following addresses and telephone numbers of public and franchise utilities and public services are supplied for the Contractor's convenience.

Lakewood Water District
Attention: Ian Black
P.O. BOX 99729
11900 Gravelly Lake Drive SW
Lakewood, Washington 98499
Telephone: 253.588.4423
Fax: 253.588.7150

Clover Park School District –
Business Office
Attn: Michael Forsythe
10903 Gravelly Lake Drive SW
Lakewood, WA 98499
Telephone: 253.583.5011
miforsyt@cloverpark.k12.wa.us

City of Lakewood Police Department
9401 Lakewood Drive SW
Lakewood, Washington 98499
Telephone: 253.830.5000
Fax: 253.830.5069

U.S. Post Office
Lakewood Center Branch
Attention: Tim Fox
Lakewood, WA 98499
Telephone: 800.275.8777

Pierce County Sewer
Attention: Bill Murphy
10311 Chambers Creek Road West
Tacoma, WA 98467-1040
Telephone: 253.798.3013
Fax: 253.798.3023

Pierce County Fire
District # 2
7509 Grange West
Lakewood, Washington 98499
Telephone: 253.582.4600 (Station)
Fax: 253.582.7912

Puget Sound Energy (Gas and Power)
Attention: Jeff Payne
3130 S. 38th Street
Tacoma, WA 98409
Telephone: 253.476.6267
jeff.payne@pse.com
Electrical Attention: Nichole Choi
Telephone: 253.941.6237
nichole.choi@pse.com
Gas Line Attention: Amber Uhls
Telephone: 253.476.6137
amber.uhls@pse.com

Pierce Transit
Attention: Mark Davilla
3701 96th Street SW
P.O. Box 99070
Lakewood, Washington 98499-0070
Telephone: 253.581.8001
mdavilla@piercetransit.org

Tacoma Power Utility
3628 South 35th Street
Tacoma, WA 98409-3192
Attention: Tony Daniels
Telephone: 253.502.8076
Tdaniels2@cityoftacoma.org

Century Link
Attention: Eric Charity
7850B Trafton St. Building B
Tacoma, WA 98409
Telephone: 206.733.8871
Eric.Charity1@centurylink.com

1-05.16 Water and Power

New

Add the following new section:

(October 1, 2005 APWA GSP)

The Contractor shall make necessary arrangements, and shall bear the costs for power and water necessary for the performance of the work, unless the contract includes power and water as a pay item.

1-05.17 Oral Agreements

New

Add the following new section:

(October 1, 2005 AWPA GSP)

No oral agreement or conversation with any officer, agent, or employee of the Contracting Agency, either before or after execution of the contract, shall affect or modify any of the terms or obligations contained in any of the documents comprising the contract. Such oral agreement or conversation shall be considered as unofficial information and in no way binding upon the Contracting Agency, unless subsequently put in writing and signed by the Contracting Agency.

1-06 CONTROL OF MATERIAL**1-06.1 Approval of Materials Prior to Use**

Supplement

Section 1-06.1 is supplemented with the following:

The Contractor shall submit via email, (or if requested, submit a minimum of 3 copies each,) of the Qualified Products List or Request for Approval of Material for each of the materials and equipment to be installed under the Contract. Engineer will review the lists within 10 working days, noting required corrections. Contractor shall make required corrections and send via email one (1) corrected copy to the Engineer within one week after receipt of required corrections. Engineer's review and acceptance of the lists shall not relieve Contractor from responsibility for suitability for the intended purpose, nor for deviations from the Contract Documents.

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC**1-07.1 Laws to be Observed**

Supplement

*(October 1, 2005 APWA GSP)*Supplement this section with the following:

In cases of conflict between different safety regulations, the more stringent regulation shall apply.

The Washington State Department of Labor and Industries shall be the sole and paramount administrative agency responsible for the administration of the provisions of the Washington Industrial Safety and Health Act of 1973 (WISHA).

The Contractor shall maintain at the project site office, or other well known place at the project site, all articles necessary for providing first aid to the injured. The Contractor shall establish, publish, and make known to all employees, procedures for ensuring immediate removal to a hospital, or doctor's care, persons, including employees, who may have been injured on the project site. Employees should not be permitted to work on the project site before the Contractor has established and made known procedures for removal of injured persons to a hospital or a doctor's care.

The Contractor shall have sole responsibility for the safety, efficiency, and adequacy of the Contractor's plant, appliances, and methods, and for any damage or injury resulting from their failure, or improper maintenance, use, or operation. The Contractor shall be solely and completely responsible for the conditions of the project site, including safety for all persons and property in the performance of the work. This requirement shall apply continuously, and not be limited to normal working hours. The required or implied duty of the Engineer to conduct construction review of the Contractor's performance does not, and shall not, be intended to include review and adequacy of the Contractor's safety measures in, on, or near the project site.

(April 3, 2006 APWA GSP)

Confined Space

Confined spaces are known to exist at the following locations:

All sewer, storm, and water main construction.

The Contractor shall be fully responsible for the safety and health of all on-site workers and compliant with Washington Administrative Code (WAC 296-809).

The Contractor shall prepare and implement a confined space program for each of the confined spaces identified above. The Contractor's Confined Space program shall be sent to the contracting agency at least 30 days prior to the contractor beginning work in or adjacent to the confined space. No work shall be performed in or adjacent to the confined space until the plan is submitted to the Engineer as required. The Contractor shall communicate with the Project Engineer to ensure a coordinated effort for providing and maintaining a safe worksite for both the Contracting Agency's and Contractor's workers when working in or near a confined space.

All costs to prepare and implement the confined space program shall be included in the bid prices for the various items associated with the confined space work.

1-07.2 State Taxes

Modification

The third paragraph of Section 1-07.2 is revised to read:

The Contracting Agency will release the Contract Bond only if the Contractor has obtained from the State Department of Revenue a certificate showing that all Contract-related taxes have been paid.

Section 1-07.2 is supplemented with the following:

The work on this contract is to be performed upon lands whose ownership obligates the Contractor to pay Sales tax. The provisions of Section 1-07.2(1) apply.

1-07.9 WAGES

1-07.9(1) General

Supplement

Section 1-07.9(1) is supplemented with the following:

The Federal wage rates incorporated in this contract have been established by the Secretary of Labor under United States Department of Labor General Decision No. WA080001.

1-07.9(5) Required Documents

Modification

Delete the first sentence of the third paragraph, and replace it with the following:

Contractor must submit weekly certified payrolls for the Contractor and all subcontractors and lower tier subcontractors, regardless of project's funding source.

1-07.13(2) Relief of Responsibility for Completed Work

Replacement

Delete Section 1-07.13(2) and replace it with the following:

Contractor shall bear the risk of loss or damage for all finished or partially finished work until Final Acceptance of the entire Contract.

1-07.13(3) Relief of Responsibility for Damage by Public Traffic

Modification

Change the first sentence to read:

When it is necessary for public traffic to utilize a roadway facility during construction, Contractor may, upon approval of a written request for each completed section, be relieved of responsibility for damages to permanent work by public traffic under the following circumstances:

1-07.14 Responsibility for Damage

Modification

In the first sentences of both the first and third paragraphs, after the words "State, Commission, Secretary and all officers and employees of the State", add:

and Owner, and their officers and employees...

1-07.14(1) Attorney's Fees, Costs, and Interest

New

Section 1-07.14(1) is added as follows:

Contractor shall reimburse Owner for attorney's fees, whether incident to suit or not, court costs, and other expenses incurred by Owner in enforcing any provision of this Contract or made necessary by any default of Contractor. Any charge by Owner to Contractor, pursuant to the terms of this Contract shall bear interest at the rate of 8 percent per annum from the date of demand by Owner, except that, if such claims are satisfied from funds withheld by Owner from Contractor, no interest shall be charged.

1-07.15(1) Spill Prevention, Control and Countermeasures (SPCC) Plan *Supplement*

Section 1-07.15(1) is supplemented with the following:

Contractor shall prepare a project specific spill prevention, control and countermeasures (SPCC) plan to be used for the duration of the project as specified in the WSDOT Standards Specifications. The plan shall be submitted and approved by the Engineer prior to commencement any on site construction activities.

Payment

Payment will be made for the following bid item:

SPCC Plan	Lump Sum
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1-07.16(1) Private/Public Property

Supplement

Section 1-07.16(1) is supplemented with the following:

Contractor shall save Owner harmless from all suits and actions of every kind and description that might result from Contractor's use of property other than that belonging to Owner.

Contractor shall provide and maintain all passageways, guard fences, lights, and other facilities for protection required by public authority or local conditions.

Contractor is hereby advised that the location of fences, mail and paper boxes, trees, landscaping and other objects, if shown in the Plans, is provided solely to provide warning of the probable location of said objects and may not be precise or complete. Contractor shall satisfy himself as to the exact locations by contacting the property owners before proceeding with work.

1-07.16(1)A Maintenance of Streets

New

Section 1-07.16(1)A is added as follows:

Contractor shall be responsible for controlling dust and mud within the project limits. Contractor shall clean up on a daily basis all refuse, rubbish, scrap material and debris caused by the work, to the end that, at all times, the site of the work shall present a neat, orderly and workmanlike appearance.

Contractor shall be responsible at all times for the maintenance of streets and other utilities affected by construction operations. Contractor shall clean and sweep streets at the end of each working day, and throughout the working day as deemed necessary by Engineer, to render the streets free of all mud, debris, and foreign materials.

In the event Contractor fails to conform to these requirements, Owner shall have the right to have the work done by others and the cost shall be deducted from moneys due to Contractor in accordance with Section 1-05.7 of the Standard Specifications.

1-07.16(3) Fences, Mailboxes, Incidentals

Supplement

Section 1-07.16(3) is supplemented with the following:

Contractor shall follow any requirements of the USPS for maintenance of postal service during the course of construction. Where it becomes necessary to remove or otherwise disturb existing mail or paper boxes within the limits of the project, the Contractor shall install the boxes temporarily in such a position the services will not be impaired. This work shall be considered incidental to all other bid items listed in the proposal. No further payment shall be made.

Temporary fencing shall be placed as shown on the plans.

1-07.16(4) Archaeological and Historical Objects

Supplement

Section 1-07.16(4) is supplemented with the following:

The Contractor shall follow the processes and procedures outlined in the Unanticipated Archaeological Discovery Plan. A copy of the plan will be provided, if needed.

1-07.17 Utilities and Similar Facilities

Supplement

Section 1-07.17 is supplemented with the following:

Existing utilities indicated in the Plans have been plotted from the best information available to Engineer. Information and data shown or indicated in the Contract Documents with respect to existing underground utilities or services at or contiguous to the project site are based on information and data furnished to Owner and Engineer by owners of such underground facilities or others, and Owner and Engineer do not assume responsibility for the accuracy or completeness thereof. It is to be understood that other aboveground or underground facilities not shown in the Plans may be encountered during the course of the work.

All utility valves, manholes, vaults, or pull boxes which are buried shall be conspicuously marked in a fashion acceptable to the Owner and Engineer by the Contractor to allow their location to be determined by the Engineer or utility personnel under adverse conditions (inclement weather or darkness).

Where underground main distribution conduits, such as water, gas, sewer, electric power, or telephone, are shown in the Plans, the Contractor, for the purpose of preparing his bid,

shall assume that every property parcel will be served by a service connection for each type of utility.

Contractor shall check with the utility companies concerning any possible conflict prior to commencing excavation in any area. Contractor shall resolve all crossing and clearance problems with the utility company concerned. No excavation shall begin until all known facilities, in the vicinity of the excavation area, have been located and marked.

In addition to Contractor having all utilities field marked before starting work, Contractor shall have all utilities field marked after they are relocated in conjunction with this project.

At least 2 and not more than 10 business days prior to commencing any excavations for utility potholing or for any other purpose under this Contract, Contractor shall notify the Underground Utilities Location Center by telephone of the planned excavation and progress schedule. A business day is defined as any day other than Saturday, Sunday, or a legal local, state, or Federal holiday. Contractor is also warned that there may be utilities on the project that are not part of the One Call system. They must be contacted directly by Contractor for locations.

Contractor shall make arrangements 48 hours in advance with respective utility owners to have a representative present when their utility is exposed or modified, if the utility chooses to do so.

Existing utilities for telephone, power, gas, water, and television cable facilities shall be adjusted or relocated by the appropriate utility company unless otherwise noted in the Plans. These adjustments may be completed before Contractor begins work, or may be performed in conjunction with the contract work. Contractor shall be entirely responsible for coordination with the utility companies and arranging for the movement or adjustment, either temporary or permanent, of their facilities within the project limits. See also Section 1-05.14 of these Special Provisions.

If or when utility conflicts occur, Contractor shall continue the construction process on other aspects of the project whenever possible. No additional compensation will be made to Contractor for reason of delay caused by the actions of any utility company and Contractor shall consider such costs to be incidental to the other items of the contract.

Utility Potholing

The purpose of utility potholing is to assist the Engineer and Contractor in resolving unknown utility conflicts not shown in the Plans. The Contractor shall physically locate underground utilities in areas where conflicts are evident from the field markings or where requested by the Engineer using methods and equipment acceptable to the Engineer. The Contractor shall submit all potholing requests to the Engineer for approval, at least 2 working days before potholing is scheduled and coordinate with the survey crew to pick up exact utility location (horizontal and vertical) as directed by the Engineer.

Each pothole will be measured and paid for per each. One pothole shall be defined as the work involved to locate a utility or utilities within an area inscribed within a 5-foot radius. Use of an air lance in multiple locations to determine locations of a single or grouping of utilities within a 5-foot radius shall be considered one pothole for the purposes of measurement and payment.

In no way shall the work described under Utility Potholing relieve Contractor of any of the responsibilities described in Section 1-07.17 of the Standard Specifications and Special Provisions, and elsewhere in the Contract Documents.

Resolution of Utility Conflicts

The Contractor shall immediately notify the Engineer upon discovery of any unknown utility conflict. The Contractor shall not perform any further work in the ‘unknown utility conflict area’ until the Engineer has made a determination in the field of the nature of the work required and a written Field Change Authorization is issued.

Payment

Payment will be made, at the discretions of the Engineer, for the following bid item(s):

Utility Potholing	Per Each
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1-07.18 Public Liability and Property Damage Insurance *Supplement*

Section 1-07.18 is supplemented with the following:

City of Lakewood shall also be added as additional insured by endorsement to the certificates of insurance.

1-07.23 Public Convenience and Safety *Supplement*

Section 1-07.23 is supplemented with the following:

At the end of each working day, provisions shall be made for the safe passage of traffic and pedestrians during non-working hours.

Contractor shall provide one drivable roadway lane and maintain convenient access for local and commuter traffic to driveways, businesses, and buildings along the line of Work throughout the course of the project. Such access shall be maintained as near as possible to that which existed prior to the commencement of construction. This restriction shall not apply to the paving portion of the construction process.

Contractor shall notify and coordinate with all property owners, tenants, emergency service providers, post office, school district, and utilities of street closures, or other restrictions which may interfere with their access—at least 24 hours in advance for single-family residential property, and at least 48 hours in advance for apartments, offices, and commercial property. Contractor shall give a copy of all notices to Engineer.

When the abutting owners’ access across the right-of-way line is to be eliminated and replaced under the Contract by other access, the existing access shall not be closed until the replacement access facility is available.

The Contractor's employees shall not park private vehicles along the traveled way, shoulders, sidewalks, landscaped areas, or in the areas shown in the Plans not open to entry. Landscaped areas shall not be used for parking or storage of materials.

All arrangements for removal of parked vehicles from the right-of-way during construction shall be the Contractor's responsibility.

Contractor shall report immediately to the Engineer and local law enforcement of death, serious injuries, or serious damages result from an accident within or adjacent to the project limits. In addition, the Contractor must promptly report in writing to the Engineer all accidents arising out of or in connection with the performance of the work, whether on or adjacent to the project limits, giving full details and statements of witnesses. If a claim is made by anyone against the Contractor or any subcontractor, the Contractor shall promptly report the facts in writing to the Engineer, giving full details of the claim.

Temporary Roadway Surfacing

It is anticipated that the construction of this project will take place sequentially requiring the same length of roadway to be disturbed several times. The Contractor will be allowed to maintain the roadway surface ***in the locations as shown in the plans*** as crushed surfacing during the course of construction. A minimum of 3 inches of crushed surfacing and/or bituminous pavement grindings shall be provided for temporary driving surface through the duration of the project. A minimum of 2 inches of crushed surfacing and/or bituminous pavement grindings shall be provided for all driveway approaches in addition to grading a traversable approach.

Temporary roadway surfacing shall be a minimum of 20 feet wide, when possible – allowing for two travel lanes (one in each direction). When it is not possible to have the minimum 20-foot wide temporary surfacing, the Contractor shall be allowed a minimum of 11 feet wide roadway, with all the necessary steel plates, gravel driveways, and temporary surfacing, to allow home owners to access existing driveways. Signage and property owner notification must be placed according to MUTCD requirements to notify property owners of the rough road and one-lane of traffic.

The Contractor shall have sole responsibility that temporary roadways and fills adjacent to or over existing facilities be adequate for all uses without causing damage to the existing facilities. In addition, temporary roadway surfacing shall be brought to a smooth, even condition free of bumps and depressions and to a safe and satisfactory condition so as to allow use by public traffic. Temporary roadways shall be constructed and maintained to prevent adverse storm drainage runoff onto adjacent properties or rights-of-way.

The Contractor shall provide water and/or a dust palliative and apply, as ordered by the Engineer, for the alleviation or prevention of dust nuisances. A water truck shall be assigned to the project for full-time use if requested by the Engineer.

Payment

No payment will be made for the work required to construct or maintain the temporary roadway surfacing. This work shall be considered incidental and the costs shall be included in other bid items.

1-07.23(1) Construction Under Traffic*Supplement*

Section 1-07.23(1) is supplemented with the following:

The City will not permit a full closure of 104th St. Ct. S. at any time.

For the Foster St. SW locations, the City will allow for closure of the roadway while the Contractor is on-site and performing the storm drainage work. Signage must be placed for detours to go around the project area or areas. The road must be passable by the placement of cold mix, crushed surfacing, or steel plates over any trenches that are left open for the next day's work. Detours must be removed during non-working hours.

There shall be no delay to medical, fire, police, or other emergency vehicles with flashing lights or sirens. The Contractor shall alert all flaggers and personnel of this requirement.

The Contractor shall be responsible for maintaining all existing signing and pavement markings through the construction zone throughout the course of construction.

Contractor shall notify and coordinate with all property owners, tenants, emergency service providers, post office, school district, and utilities of street closures, or other restrictions which may interfere with their access—at least 24 hours in advance for single-family residential property, and at least 48 hours in advance for apartments, offices, and commercial property. Contractor shall give a copy of all notices to Engineer.

When the abutting owners' access across the right-of-way line is to be eliminated and replaced under the Contract by other access, the existing access shall not be closed until the replacement access facility is available.

Revise the second paragraph to read:

To disrupt public traffic as little as possible, the Contractor shall permit local traffic to pass through the work with the least possible inconvenience or delay. The Contractor shall maintain existing roads, streets, sidewalks, and paths within the project limits, keeping them open, and in good, clean, safe condition at all times. Deficiencies caused by the Contractor's operations shall be repaired at the Contractor's expense. Deficiencies not caused by the Contractor's operations shall be repaired by the Contractor when directed by the Engineer, at the Contracting Agency's expense. The Contractor shall also maintain roads, streets, sidewalks, and paths adjacent to the project limits when affected by the Contractor's operations. Snow and ice control will be performed by the Contracting Agency on all projects. Cleanup of snow and ice control debris will be at the Contracting Agency's expense. The Contractor shall perform the following:

1. Remove or repair any condition resulting from the work that might impede traffic or create a hazard.
2. If applicable, keep existing traffic signal and highway lighting systems in operation as the work proceeds. (The Contracting Agency will continue the route maintenance on such system.)

3. Maintain the striping on the roadway at the Contracting Agency's expense. The Contractor shall be responsible for scheduling when to renew striping, subject to the approval of the Engineer. When the scope of the project does not require work on the roadway, the Contracting Agency will be responsible for maintaining the striping.
4. Maintain existing permanent signing. Repair of signs will be at the Contracting Agency's expense, except those damaged due to the Contractor's operations.
5. Keep drainage structures clean to allow for free flow of water. Cleaning of existing drainage structures will be at the Contracting Agency's expense when approved by the Engineer, except when flow is impaired due to the Contractor's operations.

The construction safety zone will be determined as follows:

When the posted speed is 35 MPH or under, the safety zone will be 10 feet from the outside edge of traveled way or 2 feet beyond the outside edge of the sidewalk.

During nonworking hours equipment or materials shall not be within the safety zone unless it is protected by permanent guardrail or temporary concrete barrier. The use of temporary concrete barrier shall be permitted only if the Engineer approves the installation and location.

During the actual hours of work, unless protected as described above, only materials absolutely necessary to construction shall be within the safety zone and only construction vehicles absolutely necessary to construction shall be allowed within the safety zone or allowed to stop or park on the shoulder of the roadway.

The Contractor's nonessential vehicles and employees private vehicles shall not be permitted to park within the safety zone at any time unless protected as described above.

Deviation from the above requirements shall not occur unless the Contractor has requested the deviation in writing and the Engineer has provided written approval.

There shall be no restrictions or interruptions to traffic on the day prior to a holiday or holiday weekend through the last day of the holiday or holiday weekend.

Lane restrictions shall be held to a minimum time and length needed for each operation. If the Engineer determines that the lane restrictions are causing congestion, the Contractor will be required to open all lanes to traffic until the congestion is eliminated.

All work activities that require contractor construction vehicles that need to decelerate/accelerate in lane(s) of traffic shall be required to use lane restriction and associated work hours.

1-07.23(1)A Temporary Patching

New

Section 1-07.23(1)A is added as follows:

The Contractor shall schedule work so that all utility cuts and other areas requiring patching that will be subject to vehicular traffic are made permanent by the end of each working day unless otherwise approved by the Engineer. In any case, the Contractor shall make patches permanent within 5 working days.

Steel Plates

Steel plates may be placed over unfinished portions of work at the end of each working day if approved by the Engineer. Steel plates must be anchored with bolts and shimmed at all edges with MC Cold Mix or hot mix asphalt concrete pavement. Contractor shall be responsible for maintaining steel plates, associated anchors and asphalt shims 24 hours a day, 7 days a week. Contractor shall provide appropriate signage for steel plating. Costs for steel plates shall be incidental to other bid items and shall include signage, setting, maintaining, and removal.

Temporary Patches

Temporary patches in areas subject to vehicular traffic will not be allowed unless otherwise approved by the Engineer. Material for temporary patches shall be MC Cold Mix or Hot Mix Asphalt pavement. All temporary patches shall be maintained on a daily basis. Costs for temporary patches shall be incidental to other bid items and shall include costs for maintenance, removal, and disposal of the temporary patch.

1-07.26 Personal Liability of Public Officers

Modification

Section 1-07.26 is modified as follows:

In the first sentence of the first paragraph, after the words “nor any other officer or employee of the State”, add

“...and Owner, and their officers and employees...”

1-08 PROSECUTION AND PROGRESS

1-08.1 Subcontracting

Supplement

Section 1-08.1 is supplemented with the following:

Written requests for change in subcontractors shall be submitted by Contractor to Engineer at least 7 calendar days prior to start of a subcontractor's work.

Contractor agrees that he is fully responsible to Owner for the acts and omissions of all subcontractors and lower-tier subcontractors, and persons either directly or indirectly employed by the subcontractors, as well as for the acts and omissions of persons directly employed by Contractor. Contractor shall be required to give personal attention to the work which is sublet. Nothing contained in the Contractor Provisions shall create any contractual relationship between any subcontractor and the Owner.

Contractor shall be responsible for making sure all subcontractors submit all required documentation, forms, etc.

1-08.1(1) Prompt Payment, Subcontract Completion and Return of Retainage Withheld*Replacement*

Section 1-08.1(1) is deleted in its entirety and replaced with the following:

The following procedures shall apply to all subcontracts entered into as a part of this Contract:

Requirements

1. The Prime Contractor or Subcontractor shall make payment to the Subcontractor not later than ten (10) days after receipt of payment from the Contracting Agency for work satisfactorily completed by the Subcontractor, to the extent of each Subcontractor's interest therein.
2. Prompt and full payment of retainage from the Prime Contractor to the Subcontractor shall be made within 30 days after Subcontractor's Work is satisfactorily completed.
3. For purposes of this Section, a Subcontractor's work is satisfactorily completed when all task and requirements of the Subcontract have been accomplished and including any required documentation and material testing.
4. Failure by a Prime Contractor or Subcontractor to comply with these requirements may result in one or more of the following:
 - a. Withholding of payments until the Prime Contractor or Subcontractor complies
 - b. Failure to comply shall be reflected in the Prime Contractor's Performance Evaluation
 - c. Cancellation, Termination, or Suspension of the Contract, in whole or in part
 - d. Other sanctions as provided by the subcontractor or by law under applicable prompt pay statutes.

Conditions

This clause does not create a contractual relationship between the Contracting Agency and any Subcontractor as stated in Section 1-08.1. Also, it is not intended to bestow upon any Subcontractor, the status of a third-party beneficiary to the Contract between the Contracting Agency and the Contractor.

Payment

The Contractor will be solely responsible for any additional costs involved in paying retainage to the Subcontractors. Those costs shall be incidental to the total respective Bid Items.

1-08.1(2) Hours of Work*New*

Section 1-08.1(2) is added as follows:

Except in the case of emergency or unless otherwise approved by the Engineer, the normal working hours for the Contract shall be any consecutive 8-hour period between 7:00 a.m. and 5:00 p.m. Monday through Friday, exclusive of a lunch break. If the Contractor desires different than the normal working hours stated above, the request must be submitted in writing prior to the preconstruction conference, subject to the provisions below. The working hours for the Contract shall be established at or prior to the preconstruction conference.

All working hours and days are also subject to local permit and ordinance conditions (such as noise ordinances).

If the Contractor wishes to deviate from the established working hours, the Contractor shall submit a written request to the Engineer for consideration. This request shall state what hours are being requested, and why. Requests shall be submitted for review no later than 72 hours prior to the day(s) the Contractor is requesting to change the hours.

If the Contracting Agency approves such a deviation, such approval may be subject to certain other conditions, which will be detailed in writing. For example:

1. On non-Federal aid projects, requiring the Contractor to reimburse the Contracting Agency for the costs in excess of straight-time costs for Contracting Agency representatives who worked during such times. (The Engineer may require designated representatives to be present during the work. Representatives who may be deemed necessary by the Engineer include, but are not limited to: survey crews; personnel from the Contracting Agency's material testing lab; inspectors; and other Contracting Agency employees or third party consultants when, in the opinion of the Engineer, such work necessitates their presence.)
2. Considering the work performed on Saturdays, Sundays, and holidays as working days with regard to the contract time.
3. Considering multiple work shifts as multiple working days with respect to contract time even though the multiple shifts occur in a single 24-hour period.
4. If a 4-10 work schedule is requested and approved the non-working day for the week will be charged as a working day.
5. If Davis Bacon wage rates apply to this Contract, all requirements must be met and recorded properly on certified payroll.

1-08.2 Assignment

Modification

Change the second paragraph to read:

The Contractor shall not assign any moneys due or to become due to Contractor hereunder without the prior written consent of Owner. The assignment, if approved, shall be subject to all setoffs, withholdings, and deductions required by law and the Contract.

1-08.3(5) Payment*Replacement*

Section 1-08.3(5) is deleted and replaced with the following:

The cost of preparing the progress schedule, any supplementary progress schedules, and weekly schedules shall be considered incidental to the Contract and no other compensation shall be made.

1-08.6 Suspension of Work*Supplement*

Section 1-08.6 is supplemented with the following:

Owner may at any time suspend the work, or any part thereof, by giving notice to Contractor in writing. The work shall be resumed by Contractor within 14 calendar days after the date fixed in the written notice from Owner to Contractor to do so.

It is anticipated that the owner will suspend work for final paving, striping, and traffic signal procurement.

Contractor shall not suspend work under the Contract without the written order of Owner.

1-08.9 Liquidated Damages*Supplement*

Section 1-08.9 is supplemented with the following:

In addition, Contractor shall compensate Owner for actual engineering inspection and supervision costs and any other expenses and legal fees incurred by Owner as a result of such delay. Such labor costs will be billed to Contractor at actual costs, including administrative overhead costs.

In the event that Owner is required to commence any lawsuit in order to enforce any provision of this Contract or to seek redress for any breach thereof, Owner shall be entitled to recover its costs, including reasonable attorneys fees, from Contractor.

Liquidated Damages Formula

$$LD = 0.15 * C / T$$

Where: LD = liquidated damages per working day (rounded to the nearest dollar)
C = original Contract amount
T = original time for Physical Completion.

1-09 MEASUREMENT AND PAYMENT**1-09.1 Measurement of Quantities***Supplement*

Section 1-09.1 is supplemented with the following:

Lump Sum. The percentage of lump sum work completed, and payment will be based on the cost percentage breakdown of the lump sum bid price(s) submitted at the preconstruction conference.

Cubic Yard Quantities. Quantities measured by cubic yard for this contract have been calculated using a Digital Terrain Model (DTM) software system. Measurement of these quantities shall be plan quantity.

The Contractor shall provide truck trip tickets for progress payments only in the following manner. Where items are specified to be paid by the cubic yard, the following tally system shall be used.

All trucks to be employed on this work will be measured to determine the volume of each truck. Each truck shall be clearly numbered, to the satisfaction of Engineer, and there shall be no duplication of numbers.

Duplicate tally tickets shall be prepared to accompany each truckload of material delivered on the project. The tickets shall include the following information:

1. Truck number
2. Quantity and type of material delivered in cubic yards
3. Drivers name, date and time of delivery
4. Location of delivery, by street and stationing on each street
5. Place for Engineer to acknowledge receipt
6. Pay item number
7. Contract number

It will be Contractor's responsibility to see that a ticket is given to Engineer or Inspector on the project for each truckload of material delivered. Pay quantities will be prepared on the basis of said tally tickets.

Loads will be checked by Engineer to verify quantity shown on ticket.

Quantities by Ton. It will be Contractor's responsibility to see that a certified weight ticket is given to the Inspector on the project at the time of delivery of materials for each truckload delivered. Pay quantities will be prepared on the basis of said tally tickets, delivered to Inspector at time of delivery of materials. Tickets not receipted by Inspector will not be honored for payment.

Each truck shall be clearly numbered to the satisfaction of Engineer and there shall be no duplication of numbers.

Duplicate tickets shall be prepared to accompany each truckload of material delivered to the project. The tickets shall bear at least the following information:

1. Truck number
2. Truck tare weight (stamped at source)
3. Gross truck load weight in tons (stamped at source)
4. Net load weight (stamped at source)

- 5. Driver's name, date, and time of delivery
- 6. Location for delivery by street and stationing on each street
- 7. Place for Engineer to acknowledge receipt
- 8. Pay item number
- 9. Contract number

1-09.6 Force Account

Supplement

Section 1-09.6 is supplemented with the following:

To provide a common basis for all bidders, Owner has estimated and included in the Proposal dollar amounts for all items to be paid per force account. All such dollar amounts are to become a part of Contractor's total bid. However, Owner does not warrant expressly or by implication that the actual amount of work will correspond with those estimates. Payment will be made on the basis of the amount of work actually authorized by Engineer.

1-09.7 Mobilization

Supplement

Section 1-09.7 is supplemented with the following:

Mobilization shall also include, but not be limited to, the following items: the movement of Contractor's personnel, equipment, supplies, and incidentals to the project site; the establishment of an office, buildings, and other facilities necessary for work on the project; providing sanitary facilities for Contractor's personnel; and obtaining permits or licenses required to complete the project not furnished by Owner.

Payment will be made for the following bid item:

Mobilization	Lump Sum
--------------	----------

1-09.9 Payments

Supplement

Section 1-09.9 is supplemented with the following:

Applications for payment shall be itemized and supported to the extent required by Engineer by receipts or other vouchers showing payment for materials and labor, payments to subcontractors, and other such evidence of Contractor's right to payment as Engineer may direct.

Contractor shall submit a progress report with each monthly request for a progress payment. The progress report shall indicate the estimated percent complete for each activity listed on the progress schedule (see Section 1-08.3 of the Standard Specifications).

1-09.9(1) Retainage

Supplement

Section 1-09.9(1) is supplemented with the following:

The retained amount shall be released as stated in the Standard Specifications if no claims have been filed against such funds as provided by law and if Owner has no unsatisfied

claims against Contractor. In the event claims are filed, Owner shall withhold, until such claims are satisfied, a sum sufficient to satisfy all claims and to pay attorney's fees. In addition, Owner shall withhold such amount as is required to satisfy any claims by Owner against Contractor, until such claims have been finally settled.

Neither the final payment nor any part of the retained percentage shall become due until Contractor, if requested, delivers to Owner a complete release of all liens arising out of this Contract, or receipts in full in lieu thereof, and, if required in either case, an affidavit that so far as Contractor has knowledge or information, the release and receipts include all labor and materials for which a lien could be filed: but Contractor may, if any subcontractor refuses to furnish a release or receipt in full, furnish a bond satisfactorily to Engineer to indemnify Owner against the lien. If any lien remains unsatisfied after all payments are made, Contractor shall reimburse to Owner all monies that the latter may be compelled to pay in discharging such lien, including all costs and reasonable engineer's and attorney's fees.

1-10 TEMPORARY TRAFFIC CONTROL

1-10.1(2) Description

Supplement

Section 1-10.1(2) is supplemented with the following:

See 1-07.23(1) for schedule of allowed lane restrictions and roadway closures
 Night work will not be allowed
 "Night Work" will be considered between the hours of 5 PM to 6 AM for the purposes of this project.

1-10.2(1) Traffic Control Plans

Supplement

Section 1-10.2(1) is supplemented with the following:

The Traffic Control Supervisor shall be certified by one of the following:

The Northwest Laborers-Employers Training Trust
 27055 Ohio Ave.
 Kingston, WA 98346
 (360) 297-3035

Evergreen Safety Council
 401 Pontius Ave. N.
 Seattle, WA 98109
 1-800-521-0778 or
 (206) 382-4090

1-10.2(2) Traffic Control Plans

Supplement

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

The Contractor shall prepare a traffic control plan showing the necessary construction traffic control and equipment required for the project. This plan shall be submitted to the City of Lakewood for review and approval at the Preconstruction Conference in advance of the commencement of work. The traffic control plan shall identify special provisions for maintaining access to businesses at all times and shall include placement of Project Signs. The plan shall also identify lane restriping, closures, and detours that are planned throughout the construction of the project. The plan shall be updated as appropriate or required by the Owner for the duration of construction. The plan shall designate the responsible person in charge of traffic control and furnish work and emergency telephone numbers. All long term lane closures and/or closures of the entire roadway for paving/striping require portable changeable message signs to be displayed for one week prior to taking the lanes.

Whenever changes or additions to the Traffic Control Plans are necessary, or desired by Contractor, Contractor must submit the revised Plan to Engineer at least 2 working days before starting the affected work, including but not limited to:

- Prior to periods of work stoppage, a traffic control plan shall be submitted for Engineer approval, which allows for keeping the existing traveled lanes and pedestrian access open.
- Traffic control plans for lane closures and pedestrian movements shall be submitted to Engineer for approval.

1-10.5 Payment

Supplement

Section 1-10.5 is supplemented with the following:

Payment will be made for the following bid item:

Project Temporary Traffic Control	Lump Sum
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All costs in connection with handling and protecting pedestrian and vehicular traffic including but not limited to grinding existing markings for temporary pavement markings, temporary pavement markings for phased construction, business open signs, barricades, traffic control signs, supplying and operating portable changeable message signs, and installing, maintaining and removing temporary striping shall be included in the contract price for the bid item listed above. No other payment will be made.

END OF DIVISION 1

DIVISION 2
EARTHWORK

2-01 CLEARING AND GRUBBING

2-01.1 Description

Supplement

Section 2-01.1 is supplemented with the following:

The limits of clearing and grubbing (construction limits) shall be defined as being the cut and fill lines as shown in the Plans. Where, in the opinion of the Engineer, any trees abutting or adjacent to the limits of clearing and grubbing are damaged and require removal, the Contractor shall remove such trees. Any trees flagged by the Engineer to remain within the clearing and grubbing limits shall be left undamaged by the Contractor's operations. Any marked trees damaged shall be replaced in kind at the Contractor's expense. For trees and shrubs which cannot be replaced in kind, the Contractor will be assessed damages equal to the triple value of the tree or shrub in accordance with Section 1-07.16(2) of the Standard Specifications.

Existing landscaping outside the construction limits, including but not limited to, sod, ornamental or landscaping rocks, irrigation systems, beauty bark, decorative gravel or rock, bushes, trees and shrubbery shall be protected from damage.

The Contractor shall give property owners 10 days written notice prior to removing landscaping materials. All landscaping materials that remain in the construction limits shall be removed and disposed of, or relocated by the Contractor, in accordance with Section 2-01 of the Standard Specifications, these Special Provisions, and the Plans.

Clearing and Grubbing shall also include removal and disposal of trees and stumps, organic debris and stump grinding to a minimum of 2 feet below finished grade, as needed.

2-01.2 Disposal of Usable Material and Debris

Supplement

Section 2-01.2 is supplemented with the following:

The Contractor shall use Disposal Method No. 2 – Waste Site. Disposal Method No. 1 – Open Burning or Disposal Method No. 3 – Chipping will not be permitted under this contract.

2-01.5 Payment

Supplement

Section 2-01.5 is supplemented with the following:

Payment will be made for the following bid item:

Clearing and Grubbing	Lump Sum
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The lump sum contract price for "Clearing and Grubbing" shall be full compensation for all work described herein and shown in the Plans, including removing trees if required, stumps, and shrubbery.

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

2-02.1 Description

Supplement

Section 2-02.1 is supplemented with the following:

This work shall consist of the removal and disposal of various existing improvements, including but not limited to, guardrail, rock walls, pavement markings, drainage structures, street lights, foundations, junction boxes, and other items necessary for the accomplishment of the improvement.

This work shall also include abandonment of existing drainage structures.

This work also includes removal of pavement, curb, and sidewalk, as directed by the Engineer, that falls outside of the roadway excavation limits.

2-02.3 Construction Requirements

Supplement

Section 2-02.3 is supplemented with the following:

Unless so noted in these Special Provisions or shown in the Plans, no removed material may be placed in any embankment or fill within the project site.

2-02.3(3) Removal of Pavement, Sidewalks, and Curbs

Supplement

Section 2-02.3(3) is supplemented with the following:

5. Neither impact tools nor pavement breakers may be used for trench crossing of existing pavement. Trench crossing of existing pavement shall be vertically sawcut.
6. Where gutter is to be placed integral with asphalt pavement as shown in the Plans, the Contractor shall take extra precaution to make a neat, uniform cut, and shall sawcut pavement to full depth, regardless of number of passes necessary. If, in the opinion of the Engineer, the cut is not satisfactory due to Contractor's workmanship or equipment, the Contractor shall fix the problem to the satisfaction of the Engineer, at Contractor's own expense.
7. The Contractor shall remove existing pavement, sidewalks, curb, curb and gutter, curb ramps or driveways as shown in the Plans. Additional removal of existing pavement beyond what is shown in the plans must be approved by the Engineer if necessary for the accomplishment of the improvement(s).

2-02.3(4) Cutting Pavement, Sidewalks, and Curbs

New

Section 2-02.3(4) is added as follows:

All transitions to existing asphalt or cement concrete driveways, parking lots, curb and gutter, and walkways shall be vertically sawcut full-depth with straight, uniform edges. Existing asphalt pavement roadway edge may be cut with a wheel, provided the wheel cut is full depth and no damage occurs to the pavement which is to remain. Neither impact tools nor pavement breakers may be used for trench crossing of existing pavement. Trench crossing of existing pavement shall be vertically sawcut.

Where gutter is to be placed integral with asphalt pavement as shown in the Plans, the Contractor shall take extra precaution to make a neat, uniform cut, and shall sawcut pavement to full depth, regardless of number of passes necessary. If, in the opinion of the Engineer, the cut is not satisfactory due to Contractor’s workmanship or equipment, the Contractor shall fix the problem to the satisfaction of the Engineer, at Contractor’s own expense.

2-02.3(5) Abandoning Manhole, Catch Basin, or Inlet *New*

Section 2-02.3(5) is added as follows:

Existing storm drainage structures shall be removed or abandoned as shown in the Plans as required for project construction or as directed by the Engineer.

Structures not required to be entirely removed shall be removed to a minimum of 2 feet below finished grade and the cavity filled with Gravel Borrow compacted to 95% of maximum density. Abandoned storm drainage pipes shall be plugged with concrete for a distance twice the nominal diameter of the abandoned pipe.

2-02.4 Measurement *New*

Section 2-02.4 is supplemented with the following:

Sawcutting existing cement and asphalt concrete pavements will be measured by the linear foot along the sawcut, full depth. Recutting of edges for pavement patching will not be measured for payment unless the Engineer has directed the Contractor to either widen or increase the depth of the trench such that additional sawcutting and pavement removal is required for pavement patching.

Wheelcutting of pavement will not be measured for separate payment, but shall be included in other items of Work.

2-02.5 Payment *Supplement*

Section 2-02.5 is supplemented with the following:

Payment will be made for the following bid items:

Removal of Structure and Obstruction	Lump Sum
Sawcutting	Linear Foot

The lump sum price for "Removal of Structure and Obstruction" shall also include backfill and compaction as required.

Demolition, removal, and disposal of all other structures and obstructions not covered under other bid items shall be included in the lump sum price for "Removal of Structure and Obstruction", including but not limited to: abandoning utilities, abandonment and plugging of pipe, removal of pavement markings, existing posts, extruded curb, signs and supports, and removal of other miscellaneous street improvements.

The unit contract price per linear foot of "Sawcut" shall be full pay for a full depth sawcut at intersecting roadways, driveways and parking areas. Sawcutting for the purpose of pipe installation shall be included in the respective pipe unit bid items.

2-09 STRUCTURE EXCAVATION

2-09.1 Description *Supplement*

Section 2-09.1 is supplemented with the following:

This work shall also consist of providing trench protection systems necessary for construction of storm drainage structures and piping.

2-09.3(1) General Requirements *Supplement*

Section 2-09.3(1) is supplemented with the following:

The Contractor shall further, at his own expense, shore up, or otherwise protect all fences, buildings, walls, walks, curbs, pipe lines, sewers or other installations adjacent to any excavation which might be disturbed during the progress of work. The Contractor will be held liable for any damage which may result to neighboring property from his/her excavation or construction operations.

2-09.3(1)D Disposal of Excavated Material *Replacement*

Section 2-09.3(1)D is deleted in its entirety and replaced with the following:

The Engineer may direct the Contractor to dispose of excavated material in embankments and backfills within the project limits. Excess excavated material shall be hauled and legally disposed of off-site to a Contractor-provided location. All costs associated with hauling and disposing of excavated material shall be included in other bid items as no separate payment will be made.

2-09.3(1)E General Requirements *Supplement*

Section 2-09.3(1)E is supplemented with the following, to be added after the eighth paragraph:

Controlled Density Fill (CDF)

Unconfined compressive strength as determined by ASTM D 4832-95 shall not be less than 100 nor more than 200 psi at 28 days.

Mix proportions shall be such as to provide the necessary workability without mechanical compaction or vibration. Material shall be self-consolidating and shall not settle after placement. Slump shall be as follows:

- CDF used as trench dam 3" +/- 1"
- CDF used as pipe bedding 10" +/- 1"

Placement methods shall conform to WSDOT 2021 Standard Specification Section 6-02.3(6). If placement in water is required, placement method shall conform to WSDOT 2021 Standard Specification Section 6-02.3(6)B. Transverse forms and/or other means shall be employed as necessary to restrict flow and allow placement of CDF to elevations shown on the Contract Drawings.

The Contractor shall provide all required bracing, ballast, or tiedowns required to prevent movement, flotation, and deformation of pipelines during placement of CDF in pipe trenches.

2-09.3(3)D Shoring and Cofferdams

Supplement

Section 2-09.3(3)D is supplemented with the following:

Definitions.

Trench protection systems are defined as any system installed after the excavation including, but not limited to: trench boxes, sliding trench shields, and jacked shores.

2-09.5 Payment

Modification

Section 2-09.5 is supplemented with the following:

Payment will be made for the following bid item:

Trench Protection System	Lump Sum
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Structure Excavation shall be paid under the associated piping and structure bid item(s).

The 13th paragraph of Section 2-09.5 is deleted and replaced with the following:

The lump sum Contractor price for "Trench Protection System" shall be full pay for shoring and all excavation, backfill, compaction, and other Work required for construction shoring.

2-11 TRIMMING AND CLEANUP

2-11.5 Payment

Supplement

Section 2-11.5 is supplemented with the following:

Payment will be made for the following bid item:

Trimming and Cleanup	Lump Sum
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END OF DIVISION 2

**DIVISION 3
PRODUCTION FROM QUARRY AND PIT SITES AND STOCKPILING**

3-01 PRODUCTION FROM QUARRY AND PIT SITES

3-01.2 Material Sources, General Requirements

Supplement

Section 3-01.2 is supplemented with the following:

The Contractor shall make arrangements to obtain the necessary materials at no expense to the City, and all cost of acquiring, producing, and placing this material in the finished work shall be included in the unit contract prices for the various items involved. All costs involved in complying with the requirements of a reclamation permit from the Department of Natural Resources or Pierce County applicable requirements for Contractor provided sites shall be incidental to the materials produced from said sites(s).

3-01.4 Contractor-Furnished Material Sources

Supplement

Section 3-01.4 is supplemented with the following:

No source has been provided for any materials necessary for the construction of this improvement.

If the sources of materials provided by the Contractor necessitate hauling over roads other than city streets, the Contractor shall, at his own cost and expense, make all arrangements for the use of the haul routes.

3-01.6 Payment

Replacement

Section 3-01.6 is deleted in its entirety and replaced with the following:

All work covered under Division 3, which is performed by the Contractor, shall be considered included in the costs for furnishing of materials. All costs of acquiring, producing, and placing this material in the finished work shall be included in the unit and lump sum contract prices for the various items involved.

END OF DIVISION 3

**DIVISION 4
BASES**

4-04 BALLAST AND CRUSHED SURFACING

4-04.1 Description *Supplement*

Section 4-04.1 is supplemented with the following:

Crushed surfacing shall be placed where shown in the Plans, as a base for sidewalks, driveways, and pavement, at existing driveways to provide temporary access, as backfill for unsuitable foundation excavation, at mailbox supports, or for any other purposes deemed necessary by the Engineer.

4-04.2 Material *Supplement*

Section 4-04.2 is supplemented with the following:

The Contractor is permitted to utilize top course or crushed base course interchangeably for any purpose as shown on the plans.

4-04.4 Measurement *Supplement*

Section 4-04.4 is supplemented with the following:

Stockpiling of crushed surfacing materials shall not be allowed. Crushed surfacing materials used as a base course for drainage pipes and structures, driveway or project maintenance, pipe zone bedding, replacement of over excavated material performed in lieu of shoring or unauthorized over excavation will not be measured for payment and shall be considered incidental to other bid items.

Crushed surfacing materials used for temporary access and maintenance as required under Section 1-07.23(1) of the Standard Specifications will not be measured for payment unless it is placed to final grades and maintained as such until paving.

Should the Contractor not prepare subgrade to the correct line and grades and crushed surfacing materials are placed in excess to the depth required by the plans, the excess depth will not be measured for payment but instead be considered to benefit the Contractor. The crushed surfacing materials shall be measured by neat line and that measurement converted to tons for deduction of payment.

4-04.5 Payment *Supplement*

Section 4-04.5 is supplemented with the following:

Payment will be made for the following bid item:

Crushed Surfacing Top Course	Per Ton
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The unit contract price per ton for “Crushed Surfacing Top Course” shall also include furnishing, hauling, compacting, and removing and hauling to waste, when required by the Engineer. Quantities have been entered in the proposal for “Crushed Surfacing Top Course” for bidding purposes only. This item is not subject to the provisions of Section 1-04.6 of the standard specifications.

“Crushed Surfacing Top Course” utilized for purposes other than roadway, sidewalk, or driveway construction will not be measured and paid under the “Crushed Surfacing Top Course” item, and shall be included in other bid items.

END OF DIVISION 4

**DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS**

5-04 HOT MIX ASPHALT

5-04.1 Description *Supplement*

Section 5-04.1 is supplemented with the following:

HMA Class ½” PG 58H-22 shall be placed for driveway aprons, inside of intersection traffic islands, HMA ramps, and other areas outside the roadway prism where designated by the Engineer.

5-04.3(3)D Material Transfer Device/Vehicle *Deleted*

Section 5-04.3(3)A is deleted in its entirety.

5-04.4 Measurement *Supplement*

Section 5-04.4 is supplemented with the following:

No specific unit of measure will apply to the calculated item of asphalt cost price adjustment.

5-04.5 Payment *Supplement*

Section 5-04.5 is supplemented with the following:

Payment will be made for the following bid items:

HMA Cl. ½”, PG 58H -22	Ton
------------------------	-----

“HMA Cl. ½”, PG 58 -22,” per ton, shall be full pay for all materials, labor and equipment to complete the work. This item is not subject to the provisions of Section 1-04.6 of the Standard Specifications. No additional payment shall be made for anti-stripping agent, soil residual herbicide, tack coat, feathering or joint sealing and all costs for such shall be included in the unit contract price. **No adjustment in the unit price shall be allowed for multiple mobilizations to complete the paving.**

END OF DIVISION 5

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

7-01 DRAINS

7-01.1 Description *Supplement*

Section 7-01.1 is supplemented with the following:

This work shall also include construction of storm water infiltration gallery (ies) at the location(s) shown in the Plans.

7-01.2 Materials *Supplement*

Section 7-01.2 is supplemented with the following:

Infiltration storm drain pipe shall be perforated corrugated polyethylene (PE). Class 1 perforations shall be provided in the infiltration pipe.

The construction geotextile used shall be per Section 9-33, Underground Drainage – Moderate Survivability, nonwoven, of the Standard Specifications. Based on the surrounding native aggregate material provide geotextile class as follows:

- Class A: <15% Passing #200 Sieve
- Class B: 15% to 50% Passing #200 Sieve
- Class C: >50% Passing #200 Sieve

The aggregate material for inside the infiltration gallery shall be washed and meet the requirements of Section 9-03.12(5), Gravel Backfill for Drywells, of the Standard Specifications.

7-01.3 Construction Requirements *Supplement*

Section 7-01.3 is supplemented with the following:

Infiltration Gallery

During construction, care shall be taken to prevent natural or fill materials from intermixing with the clean trench aggregate. All contaminated trench aggregate shall be removed and replaced with uncontaminated aggregate at the Contractor's expense. The infiltration trench shall not be placed into service until the entire contributing drainage area has been stabilized and approved by the Engineer.

7-01.4 Measurement *Supplement*

Section 7-01.4 is supplemented with the following:

Infiltration galleries will be measured per linear foot as shown in the Plans (neat line plan quantity measurement), regardless of depth. No additional measurement will be made of additional materials placed wider than shown in the Plans.

7-01.5 Payment

Supplement

Section 7-01.5 is supplemented with the following:

Payment will be made for the following bid item(s):

Infiltration Gallery, 12-In. Diameter	Per Linear Foot
---------------------------------------	-----------------

The unit contract price per linear foot for “Infiltration Gallery, 12-In. Diameter.” shall be full pay to provide a complete infiltration trench system including, but not limited to: pavement removal and disposal, excavation, shoring, dewatering, pipe bedding, furnishing and installing perforated pipe, connection to existing and new structures, gravel backfill, backfill, geotextile, and compaction, and temporary hot mix asphalt patching in accordance with the Contract Documents.

7-04 STORM SEWERS

7-04.2 Materials

Supplement

Section 7-04.2 is supplemented with the following:

The Contractor shall require pipe suppliers to furnish certificates signed by their authorized representative, stating the specifications to which the materials or by products were manufactured. The contractor shall provide 2 copies of these certificates to the Engineer for approval. Certificates showing nonconformance with the Contract shall be sufficient evidence for rejection.

Approval of certificates shall be considered only as tentative acceptance of the materials and products, and such action by Engineer will not relieve Contractor of his responsibility to perform field tests and to replace or repair faulty materials, equipment, and/or workmanship at his own expense.

7-04.3(1) Cleaning and Testing

Replacement

Section 7-04.3(1) is deleted and replaced with the following:

Storm sewer pipe will not be tested for pressure. The new pipe shall be clean and free of debris at Final Contract acceptance. All costs associated with providing new pipes in clean condition shall be at the expense of the Contractor.

7-04.4 Measurement *Modification*

Delete the second sentence of the first paragraph of 7-04.4 and replace it with the following:

The number of linear feet will be measured from the center of manhole, catch basin, or similar structure to center of manhole, catch basin, or similar structure.

7-04.5 Payment *Supplement*

Section 7-04.5 is supplemented with the following:

Payment will be made for the following bid items:

Schedule A Storm Sewer Pipe, 8-In. Diam.	Linear Foot
Schedule A Storm Sewer Pipe, 12-In. Diam.	Linear Foot

The unit contract price per linear foot for “Schedule A Storm Sewer Pipe, ___-In. Diam.” shall also include but not be limited to furnishing and installing pipe, trench excavation, pavement removal, dewatering (if required), backfilling with suitable material, bedding, compacting, and cleaning and testing of the pipe.

Cost of connecting pipe to an existing pipe shall be included in the contract price for “Connect to Existing Drain, _____ Diameter” as per other Special Provisions, and no additional compensation will be allowed.

Abandonment and plugging of pipe shall be included in the lump sum contract price for “Removal of Structure and Obstruction”; no separate payment will be made.

7-05 MANHOLES, INLETS, CATCH BASINS, AND DRYWELLS

7-05.2 Materials *Supplement*

Section 7-05.2 is supplemented with the following:

Vaned Grate Inlets shall be per WSDOT Standard Plan B-30.30-03, and shall include a Rectangular Adjustment Section as shown on WSDOT Standard Plan B-5.20.03.

7-05.3 Construction Requirements *Supplement*

Section 7-05.3 is supplemented with the following:

7-05.3(3) Connections to Existing Manholes *Supplement*

Section 7-05.3(3) is supplemented with the following:

Any damage to existing pipe, catch basins, and manholes that are to remain in place, resulting from the Contractor’s operations, shall be repaired or replaced by the Contractor at his or her own expense.

THE FOLLOWING APPLIES TO STORM DRAINAGE CONSTRUCTION ONLY.

Existing storm sewer pipe shall be connected to new catch basins or manholes in accordance with Section 7-05.3 of the Standard Specifications.

New storm sewer pipe shall be connected to existing catch basins or manholes in accordance with Section 7-05.3 of the Standard Specifications.

Any damage to existing pipe, catch basins, and manholes that are to remain in place, resulting from the Contractor's operations, shall be repaired or replaced by the Contractor at his own expense.

7-05.5 Payment

Supplement

Section 7-05.5 is supplemented with the following:

Payment will be made for the following bid items:

Catch Basin Type 1	Each
Catch Basin Type 1P with Downturned Elbow	Each
Connect to Existing Drain, 12-In. Diameter	Each
Connect to Existing Structure	Each
Remove and Replace Existing Grate	Each
Adjust Existing Catch Basin	Each

The unit contract price per each for "Catch Basin Type 1", and "Catch Basin Type 1P with Downturned Elbow" shall also include excavation, shoring, bedding, backfill, compaction, frame and grate (or solid locking metal cover), adjusting to final grade, connection to existing system, and cleaning.

The unit contract price per each for "Remove and Replace Existing Grate" shall also include excavation, shoring, bedding, backfill, compaction, vaned frame and grate, connection to existing system, and cleaning.

The unit contract price per each for "Adjust Existing Catch Basin" shall be full compensation for all labor, materials, tools and equipment necessary to adjust existing catch basin or new vaned frame and grate to final grade including any rectangular adjustment section, in accordance with the contract documents. Grading of existing materials around the new vaned frame and grate shall be included in this item.

The unit contract price per each for "Connect to Existing Drain, ___-inch Diameter" shall be full pay for all labor, materials, tools and equipment necessary to perform the specified work, including but not be limited to, trench and structure excavation, pipe trimming, shoring, pipe mudding, backfilling, compaction and the connection to the existing drain system(s) with a Fernco coupler (or approved equal) and it's appurtenances.

The unit contract price per each for or “Connect to Existing Structure” shall be full pay for all labor, materials, tools and equipment necessary to perform the specified work, including but not be limited to, trench and structure excavation, opening a hole in the existing catch basin, pipe trimming, pipe mudding, backfilling, compaction and and all necessary equipment to install the connection for the new pipe to the existing structure at the **104th St Ct S** location.

Structure excavation for catch basins, manholes, and vaults is considered incidental to the cost of the structure and shall be included in the unit Contract price for each structure.

Removal, haul, and legal disposal of excess trench excavation materials shall be incidental to the other bid items.

7-08 GENERAL PIPE INSTALLATION REQUIREMENTS

7-08.1 Description *Supplement*

Section 7-08.1 is supplemented with the following:

The work also consists of utility potholing.

7-08.3(1)A Trenches *Supplement*

Section 7-08.3(1)A is supplemented with the following:

Backfill material for the area of unsuitable foundation excavation shall be crushed surfacing top course per Section 9-03.9(3) of the Standard Specifications. Before backfilling with bedding material is begun, the trench shall first be cleaned of all roots, loose stones, and other debris. Bedding materials shall be placed only upon undisturbed earth.

7-08.3(2)B Pipe Laying – General *Supplement*

Section 7-08.3(2)B is supplemented with the following:

The pipe and fittings shall be free of foreign inclusions and visible defects. The ends of the pipe shall be cut squarely and cleanly so as not to adversely affect joining.

7-08.3(2)E Rubber Gasketed Joints *Supplement*

Section 7-08.3(2)E is supplemented with the following:

Flexible joints for each type of pipe shall be rubber gasketed in accordance with the Standard Specifications. Mortared, dry-packed, or cast-in-place joints will be permitted only for connection to or through manholes and catch basins. Connections with pipes to catch basins and inlets shall be cement mortared on the interior and exterior of structure.

7-08.3(3) Backfilling *Supplement*

Section 7-08.3(3) is supplemented with the following:

All backfill for pipe trenches shall be compacted as specified in Section 2-03.3(14)C, Method B of the Standard Specifications with native material, or gravel borrow, if suitable material is not available.

7-08.3(4) Plugging Existing Pipe

Replacement

Section 7-08.3(4) is deleted in its entirety and replaced with the following:

Where shown in the Plans or where designated by the Engineer, existing pipes shall be plugged for a distance of two (2) diameters with commercial concrete. Care shall be used in placing the concrete in the pipe to see that the opening of the pipe is completely filled and thoroughly plugged.

Where new pipe placement will conflict with the existing pipe location, existing pipe is to be cut back at least one (1) foot beyond the conflict and plugged. Remaining existing pipe is not to conflict with new pipe slope, pipe alignment, bedding, or new catch basin placement.

7-08.3(5) Pipe Crossing Existing Utilities

New

Section 7-08.3(5) is added as follows:

Where storm sewer pipe crosses existing utilities with less than 12 inches of clearance, a sand cushion acceptable to the Engineer shall be placed between the existing and new pipe.

7-08.3(6) Utility Potholing

New

Section 7-08.3(6) is added as follows:

The purpose of utility potholing is to allow sufficient time ahead of pipe laying operations to identify underground conflicts, allow ample time to make minor adjustments in pipe grade or alignment, and generally facilitate the Contractor's schedule

The Contractor shall notify the Engineer 24 hours prior to commencing potholing or pipe laying operations and receive verbal approval for payment. The Contractor shall have the drainage staked prior to performing potholing.

In no way shall the work described herein relieve the Contractor of any of the responsibilities described in Section 1-07.17 of the Standard Specifications.

7-08.4 Measurement

Supplement

Section 7-08.4 is supplemented with the following:

Any resolution of utility conflicts shall be measured by Force Account calculation. The Contracting Agency will work with the Contractor to resolve issues in the field as they arise and compensate the Contractor via time and material as specified in Section 1-04.4 of the Standard Specifications.

The second paragraph in Section 7-08.4 is modified as follows:

Plugging pipes will be measured per Each, for each plug installed, for pipe diameters as shown on the plans. The concrete for plugging pipes will be incidental to the “Plugging Existing Pipe” item.

7-08.5 Payment

Supplement

Section 7-08.5 is supplemented with the following:

Payment will be made for the following bid item:

Plugging Existing Pipe	Each
------------------------	------

All costs associated with “Plugging Existing Pipe” including but not limited to cutting pipe, excavation and removing material to expose pipe to ensure the concrete will be placed within two-diameters of the end, haul of excess removed pipe, legal disposal of excess trench and pipe materials, concrete for the plug, and shoring if required, shall be included in the unit Contract price for the item.

Removal, haul, and legal disposal of excess trench excavation materials shall be incidental to the other bid items.

Concrete encasement as shown on the plans and in the Standard Details shall be incidental to other bid items.

“Crushed Surfacing Top Course” used to backfill over excavation, as approved by Engineer, will be measured and paid per Section 4-04.5 of the Standard Specifications and these Special Provisions.

“Sand Cushion”, if required, shall be incidental in the various unit contract prices for storm sewer pipe, and no additional compensation will be allowed.

Structure excavation is considered incidental to the cost of the pipe and shall be included in the contract price for the pipe.

Any resolution of utility conflicts that arise shall be paid for by the “Minor Change” item as described in these Special Provisions.

7-12 VALVES FOR WATER MAINS

7-12.1 Description

Supplement

Section 7-12.1 is supplemented with the following:

The work consists of lowering existing valve boxes and prior to removing existing asphalt and adjusting to finish grade following the final lift of paving.

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7-12.2 Materials

Supplement

Section 7-12.2 is supplemented with the following:

The Contractor shall utilize existing materials unless the utility supplies a new box extension. Regardless of whether the utility opts to provide a new box, or the existing box is utilized, no further payment shall be made.

7-12.3 Construction Requirements

Supplement

Section 7-12.3 is supplemented with the following:

The Contractor shall locate, mark, and swing tie each box prior to construction. The Contractor shall lower each box prior to removal of asphalt. Within five working days of the final lift of HMA, the Contractor shall raise all boxes to finish grade.

7-12.4 Measurement

Supplement

Section 7-12.4 is supplemented with the following:

“Adjust Valve Box”, per Each shall be paid once per box adjusted down for paving and up for final grade. Duplicate adjustments will not be measured for convenience of paving.

7-12.5 Payment

Supplement

Section 7-12.5 is supplemented with the following:

Payment will be made for the following bid item:

Adjust Valve Box	Each
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The unit contract price per each for “Adjust Valve Box” shall be full compensation for the work listed in Section 7-12. No further compensation will be made.

END OF DIVISION 7

**DIVISION 8
MISCELLANEOUS CONSTRUCTION**

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

8-01.3(8) Street Cleaning

Supplement

Section 8-01.3(8) is supplemented with the following:

Contractor shall be responsible at all times, for the maintenance of streets and other utilities affected by construction operations. Contractor shall clean and sweep streets at the end of each working day, and throughout the working day as deemed necessary by Engineer, to render the streets free of all mud, debris, and foreign materials.

In the event Contractor fails to conform to these requirements, Owner shall have the right to have the work done by others and the cost shall be deducted from moneys due to Contractor in accordance with Section 1-05.8 of the Standard Specifications. Street Cleaning costs shall be considered incidental to other bid items in the contract.

8-01.3(9)D Inlet Protection

Supplement

Section 8-01.3(9)D is supplemented with the following:

At a minimum, sediment filters shall be provided on inlets to drainage structures per WSDOT Standard Plans I-40.20.00 included in Appendix B of these Contract Provisions.

Filters determined by the Engineer to be damaged and otherwise improperly functioning shall be repaired or replaced by the Contractor at no cost to the Owner.

8-01.5 Payment

Supplement

Section 8-01.5 is supplemented with the following:

Payment will be made for the following bid items:

Inlet Protection	Per Each
------------------	----------

The unit contract price per each “Inlet Protection” shall be full pay to provide, install, maintain, and remove inlet protection as specified.

Any “Erosion/Water Pollution Control” work shall be by force account in the “Minor Change” item as provided in Section 1-09.6. Maintenance and removal or erosion and water pollution control devices including removal and disposal of sediment, stabilization and rehabilitation of soils disturbed by these activities, and any additional Work deemed necessary by the Engineer to control erosion and water pollution will be paid by force account in accordance with Section 1-09.6.

8-02 ROADSIDE RESTORATION**8-02.2 Materials***Supplement*

Section 8-02.2 is supplemented with the following, to be added to the list of materials:

Gravel Base

9-03.10

8-02.3(14) Plant Replacement*Replacement*

Replace the 2nd paragraph with the following:

All replacement plants shall be of the same species and quality as the plants they replace. Trees must be of similar or larger caliper, with a minimum of 3-inches. Shrubs must be of similar or larger pot size, with a minimum of 2.5-quart size. Replacement plant material larger than specified in the Plans or these Specifications shall meet the applicable section requirement of the American Standard for Nursery Stock for container class, ball size, spread, and branching characteristics.

8-02.4 Measurement*Supplement*

Any "Landscape Restoration" work including but not limited to placing gravel at existing locations, placing topsoil, seed and fertilizer, and any replacement plants, will be measured by force account for any work performed restoring landscaped areas. All work associated with Landscape Restoration shall be discussed with the Engineer or Engineer's Representative immediately prior to removal/replacement for agreement of work to be involved.

Topsoil shall be measured by cubic yard of material, based on truck tickets at the time of delivery, and paid under the force account item of "Minor Change." It is anticipated to use 2-inch depth of topsoil where needed.

8-02.5 Payment*Supplement*

Section 8-02.5 is supplemented with the following:

Furnishing and installing landscape and property restoration features, such as gravel base, topsoil (type A), and Seed or sod, rock walls, or other landscaping rock, as deemed necessary and as determined by the Engineer or Engineer's Representative, will be paid by force account in accordance with Section 1-09.6 under "Minor Change." This item will also include irrigation systems, if necessary.

Any disturbed, moved, or damaged fence shall be paid for as described in Section 8-12.

8-09 RAISED PAVEMENT MARKERS**8-09.5 Payment***Supplement*

Payment for the replacement of damaged or removed raised pavement markers shall be incidental to other bid items and no additional payment will be made therefore.

8-12 CHAIN LINK FENCE AND WIRE FENCE**8-12.1 Description***Supplement*

Section 8-12.1 is supplemented with the following:

This section shall also include any wooden fence located on this project.

The work consists of protecting existing chain link fencing or wooden fence and gates, reinstalling the gates and maintaining and protecting the fence that may be located in the right-of-way, and while installing storm drain pipe and facilities.

8-12.5 Payment*Supplement*

Section 8-12.5 is supplemented with the following:

Any work perform to protect existing chain link or wooden fence and gates shall be paid for in the various items of work, and no additional payment will be made therefore.

Payment for the protection and maintenance of existing chain link fence or wooden fence while work is occurring, and any materials and labor required to ensure the fence is back to the original condition after work is complete shall be incidental to the other bid items.

8-13 MONUMENT CASES**8-13.1 Description***Supplement*

Section 8-13.1 is supplemented with the following:

This work also consists of furnishing, replacing, and recording new monument per City of Lakewood Standard Plan MI-02.

8-13.3 Construction Requirements*Modification*

Delete the fourth paragraph of Section 8-13.3 and replace it with the following:

Any disturbed monuments will be furnished and set by a registered Professional Land Surveyor (PLS) provided by the Contractor. The Contractor's PLS shall be responsible for perpetuating and documenting existing monuments in compliance with the Application for Permit to Remove or Destroy a Survey Monument (WAS 332-120) and the Washington State

Department of Natural Resources. Following approval by the Public Land Survey Office, copies of all approved permits shall be forwarded to the City.

New brass markers shall be marked by an “X” at the locations shown on the plans (in the pre-existing locations) and identified as outlined in PCW 58.09.20.

8-13.5 Payment

Supplement

Section 8-13.5 is supplemented with the following:

Payment for any work involved for monument protection, or perpetuating and documenting existing monuments, including but not limited to full pay for all labor, professional survey, materials, tools and equipment necessary to provide for an installed new monument in the exact location, and if the existing monument is damaged, providing a case and cover, performing all records research, and filing to decommission the existing monument and record the new monument, all permits and documentation in accordance with the Contract Documents and WAC shall be paid for in the various items of work.

8-18 MAILBOX SUPPORT

8-18.3 Construction Requirements

Supplement

Section 8-18.3 is supplemented with the following:

Contractor shall provide new post and hardware connections for each mailbox required to be reset/relocated along the project limits, except where called out on plans. Mailbox support and installation shall be per WSDOT Standard Plans H-70-.10-01 Single Mailbox Support Type 1 and H-70.20-01 Multiple Mailbox Support Type 2.

The Contractor shall also be required to provide temporary structures for existing mailbox locations as required by the local postmaster for continuous mail delivery during project construction.

8-18.4 Measurement

Supplement

Section 8-18.4 is supplemented with the following:

Mailbox support will be measured per each post, regardless of the number of mailboxes it supports. For mailboxes shown on plans to be relocated using existing support the measurement will be per each.

8-18.5 Payment

Supplement

Section 8-18.5 is supplemented with the following:

Payment will be made for the following bid items:

Mailbox Support Type 2	Per Each
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The unit contract price for “Mailbox Support Type 2” shall be full pay for temporarily relocating the mailbox during construction activities, excavation, backfill, compaction, new posts, post hardware, PVC sleeves, crushed rock, concrete, and connecting new or existing mailbox(s) to new support. Where possible, and as able, reuse and relocate mailbox unit using existing support and payment will be made under the above bid item.

8-21 PERMANENT SIGNING

8-21.3(5) Sign Relocation

Supplement

Section 8-21.3(5) is supplemented with the following:

Existing traffic control and street name signs, which interfere with construction, shall be relocated or removed by the Contractor and temporarily stored in a safe place. “Stop”, “Yield”, and “One-Way” signs shall be removed or relocated only upon approval of the Engineer. Existing signs shall not be removed until the Contractor has provided temporary measures sufficient to safeguard and direct traffic after the existing signs have been removed. Preservation and maintenance of traffic control and street name signs shall be the sole responsibility of the Contractor, except as otherwise provided in the Contract Documents.

As work progresses and permits, temporarily relocated or removed traffic and street name signs shall be reset in their permanent locations by the Contractor. Signs and other traffic control devices damaged or lost by the Contractor, shall be replaced or repaired by the Contractor at no cost to the Owner. The decision of whether a sign can be repaired or shall be replaced shall be the Engineer’s and such decision shall be final and binding on the Contractor.

Existing signs not reused shall be returned to the City of Lakewood’s Operation and Maintenance Shop.

Lakewood Operations and Maintenance Shop
 Attention: Tom Cummins
 9420 Front St. S
 Lakewood, WA 98499
 Telephone: (253) 267-1628

8-21.4 Measurement

Replacement

Delete Section 8-21.4 is and replace it with the following:

Sign covering will not be measured, but will be considered as incidental to and included in the various items of work.

8-21.5 Payment

Supplement

Section 8-21.5 is supplemented with the following:

Materials, equipment, and labor required to reset/replace permanent signs that were determined to be damaged outside of the Contractor's operations shall be paid under the bid item for "Minor Change".

END OF DIVISION 8

DIVISION 9 MATERIALS

9-03 AGGREGATES

9-03.8(2) HMA Test Requirements

Supplement

Section 9-03.8(2) is supplemented with the following:

The number of ESAL's for the design and acceptance of HMA shall be 2.9 million.

9-03.8(7) HMA Tolerance and Adjustments

Modification

Delete Item 1 and replace it with the following:

1. **Job Mix Formula Tolerances.** After the JMF is determined as required in 5-04.3(7)A of the Standard Specifications, the constituents of the HMA mixture at the time of acceptance shall conform to the following tolerances:

Aggregate, percent passing	Non-Statistical Evaluation
1", ¾", ½", and 3/8" sieves	±6%
U.S. No. 4 sieve	±6%
U.S. No. 8 sieve	±6%
U.S. No. 200 sieve	±2.0%
Asphalt Binder	±0.5%

These tolerance limits constitute the allowable limits as described in Section 1-06.2 of the Standard Specifications. The tolerance limit for aggregate shall not exceed the limits of the control points section, except the tolerance limits for sieves designated as 100% passing will be 99-100. The tolerance limits on sieves shall only apply to sieves with control points.

9-05 DRAINAGE STRUCTURES, CULVERTS AND CONDUITS

9-05.15(2) Metal Frame, Grate and Solid Metal Cover for Catch Basins or Inlets

Modification

Section 9-05.15(2) is supplemented with the following:

Grates shall be ductile iron and have the letters "Duct" cast in the cover.

Frames for catch basins and inlets shall be of cast iron or ductile iron or equivalent as approved by the Engineer.

9-14 EROSION CONTROL AND ROADSIDE PLANTING

9-14.2(1) Topsoil Type A

Supplement

Section 9-14.2(1) is supplemented with the following:

Topsoil Type A shall be native to the site or imported. If blended topsoil is imported, then fines should be limited to 25% passing through a 200 sieve. Topsoil shall have a pH between 6.0 and 8.0 or matching pH of the undisturbed soil.

Topsoil Type A shall have a minimum organic content of 10% dryweight in planting beds and bark mulched areas, and 5% organic matter content in turf areas.

9-28.14(2) Steel Structures and Posts

Supplement

Section 9-28.14(2) is supplemented with the following:

Each sign shall be installed with a 2"x2" square steel post. Posts shall have holes spaced 1-inch on center on all sides. Post shall be installed to single breakaway anchor with 3/8-inch aluminum drive rivet. See section 8-21.3(12).

Signs installed to street light poles shall have C206R9 3/4-inch wide Bandit™ mounting strap, equivalent Panduit™ mounting strap or Engineer approved equivalent.

END OF DIVISION 9