

INTRODUCTION TO THE SPECIAL PROVISIONS

(August 14, 2013 APWA GSP)

The work on this project shall be accomplished in accordance with the *Standard Specifications for Road, Bridge and Municipal Construction*, 2016 edition, as issued by the Washington State Department of Transportation (WSDOT) and the American Public Works Association (APWA), Washington State Chapter (hereafter “Standard Specifications”). The Standard Specifications, as modified or supplemented by the Amendments to the Standard Specifications and these Special Provisions, all of which are made a part of the Contract Documents, shall govern all of the Work.

These Special Provisions are made up of both General Special Provisions (GSPs) from various sources, which may have project-specific fill-ins; and project-specific Special Provisions. Each Provision either supplements, modifies, or replaces the comparable Standard Specification, or is a new Provision. 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.

The project-specific Special Provisions are not labeled as such. The GSPs are labeled under the headers of each GSP, with the effective date of the GSP and its source. For example:

(March 8, 2013 APWA GSP)

(April 1, 2013 WSDOT GSP)

*(***** Project Specific Special Provision)*

Also incorporated into the Contract Documents by reference are:

- *Manual on Uniform Traffic Control Devices for Streets and Highways*, currently adopted edition, with Washington State modifications, if any
- *Standard Plans for Road, Bridge and Municipal Construction*, WSDOT/APWA, current edition

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

1-01 DEFINITIONS AND TERMS

1-01.3 Definitions

(January 4, 2016 APWA GSP)

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.

Contract Execution Date

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

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.

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.

Final Acceptance Date

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

Supplement this Section with the following:

All references in the Standard Specifications, Amendments, or WSDOT General Special Provisions, to the terms “Department of Transportation”, “Washington State Transportation Commission”, “Commission”, “Secretary of Transportation”, “Secretary”, “Headquarters”, and “State Treasurer” shall be revised to read “Contracting Agency”.

All references to the terms “State” or “state” shall be revised to read “Contracting Agency” unless the reference is to an administrative agency of the State of Washington, a State statute or regulation, or the context reasonably indicates otherwise.

All references to “State Materials Laboratory” shall be revised to read “Contracting Agency designated location”.

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.

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 Bid Proposal, from which the Contracting Agency may make a choice between different methods or material of construction for performing the same work.

Business Day

A business day is any day from Monday through Friday except holidays as listed in Section 1-08.5.

Contract Bond

The definition in the Standard Specifications for “Contract Bond” applies to whatever bond form(s) are required by the Contract Documents, which may be a combination of a Payment Bond and a Performance Bond.

Contract Documents

See definition for “Contract”.

Contract Time

The period of time established by the terms and conditions of the Contract within which the Work must be physically completed.

Notice of Award

The written notice from the Contracting Agency to the successful Bidder signifying the Contracting Agency’s acceptance of the Bid Proposal.

Notice to Proceed

The written notice from the Contracting Agency or Engineer to the Contractor authorizing and directing the Contractor to proceed with the Work and establishing the date on which the Contract time begins.

Traffic

Both vehicular and non-vehicular traffic, such as pedestrians, bicyclists, wheelchairs, and equestrian traffic.

1-02 BID PROCEDURES AND CONDITIONS

1-02.2 Plans and Specifications

(June 27, 2011 APWA GSP)

Delete this section 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, plans and specifications will be issued to the Contractor at no cost as detailed below:

To Prime Contractor	No. of Sets	Basis of Distribution
Reduced plans (11" x 17")	3	Furnished automatically upon award.
Contract Provisions	3	Furnished automatically upon award.
Large plans (e.g., 22" x 34")	3	Furnished only upon request.

Additional plans and Contract Provisions may be obtained by the Contractor from the source stated in the Call for Bids, at the Contractor's own expense.

1-02.4 Examination of Plans, Specifications, and Work Site

(*****)

Section 1-02.4 is supplemented with the following:

Electronic information, consisting of survey and design information including but not limited to cross sections, alignment data, plan view geometry, surface models, is not a part of the bid or contract documents.

Electronic information is provided for the Contractor's convenience. No guarantee or warranty is made by the Contracting Agency that electronic information provided to the Contractor: is compatible with any of the systems that are used by the Contractor; is complete, is representative of actual conditions at the project site, matches the Contract Documents, or accurately reflects the quantities and character of the actual Work required.

Any assumption the Contractor may make from this electronic information is at the Contractor's risk; none are intended by the Contracting Agency. The Contractor assumes sole risk of liability or loss if the Contractor does rely on this electronic information to its detriment, delay or loss. The Contractor assumes the risk of errors and omissions resulting from data manipulation, or other data creation used by the Contractor, its subcontractors, suppliers, or any combination thereof.

The furnishing of electronic information shall not relieve the Contractor from any risks or of any duty to make examinations and investigations as required by Section 1-02.4 or any other responsibility under the Contract or as required by law.

1-03 AWARD AND EXECUTION OF CONTRACT

1-03.1 Consideration of Bids

(January 23, 2006 APWA GSP)

Revise the first paragraph to read:

After opening and reading proposals, the Contracting Agency will check them for correctness of extensions of the prices per unit and the total price. 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

*(*****)*

Section 1-03.2 is supplemented with the following:

The award of the contract shall be made only to responsible contractors that possess the potential ability to perform successfully under the terms and conditions of the Agreement. Consideration shall be given to contractor integrity, compliance with public policy, record of past performance, and financial and technical resources. Any and all bids may be rejected when there are sound documented reasons for doing so. The Owner reserves the right to make these judgments. The Owner will award the contract within

forty-five (45) days after the Bid Opening.

The “lowest responsible Bidder” shall be determined from the Contract Unit Bid Prices and Bid Proposal if selected by the Owner.

1-04 SCOPE OF WORK

(*****)

Add the following paragraph:

The work will include the reconstruction of Main Avenue between Pioneer St. and Depot St. The project will include, but not limited to, excavation and repair of distress asphalt, grind and overlay, curb, sidewalk, curb ramps, striping and other miscellaneous items shown and described in the Contract Plans and Documents.

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

(March 13, 2012 APWA GSP)

Revise the second paragraph to read:

Any inconsistency in the parts of the contract shall be resolved by following this order of precedence (e.g., 1 presiding over 2, 2 over 3, 3 over 4, and so forth):

1. Addenda,
2. Proposal Form,
3. Special Provisions,
4. Contract Plans,
5. Amendments to the Standard Specifications,
6. Standard Specifications,
7. Contracting Agency’s Standard Plans or Details (if any), and
8. WSDOT Standard Plans for Road, Bridge, and Municipal Construction.

1-05 CONTROL OF WORK

1-05.4 Conformity With And Deviations From Plans And Stakes

(*****)

Section 1-05.4 is supplemented with the following:

Contractor Surveying - Roadway

The Contractor is responsible for setting, maintaining, and resetting all alignment stakes, and grades necessary for the construction of the roadbed, drainage, surfacing, paving, channelization, and pavement marking. Calculations, surveying, and measuring required for setting and maintaining the necessary lines and grades shall be the Contractor's responsibility. No electronic data files, GPS coordinates, or other electronic information will be provided to the Contractor.

The Contractor shall inform the Engineer when monuments are discovered that were not identified in the Plans and construction activity may disturb or damage the monuments.

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

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

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

1. Verify the primary horizontal and vertical control furnished by the Contracting Agency, and expand into secondary control by adding stakes and hubs as well as additional survey control needed for the project. Provide descriptions of secondary control to the Contracting Agency. The description shall include coordinates and elevations of all secondary control points.
2. Establish, the centerlines of all alignments, by placing hubs, stakes, and offset stakes at all curve points (PCs, PTs, and PIs) and at points on the alignments spaced no further than 50 feet.
3. Establish clearing limits by placing stakes at all angle points and at intermediate points not more than 50 feet apart. The clearing and grubbing limits shall be 5 feet beyond the toe of a fill and 10 feet beyond the top of a cut, unless otherwise shown on the plans. Protect trees as shown on the plans.
4. Establish grading limits, placing slope stakes at centerline increments not more than 50 feet apart. Establish offset reference to all slope stakes.
5. Establish the horizontal and vertical location of all drainage features, catch basins, manholes and pipes by placing hubs and stakes at the location of the drainage feature and offset hubs and stakes, set 5 to 10 feet perpendicular to the centerline with depth information for structure and pipes.
6. Establish the horizontal and vertical location of storm pipes by placing hubs and stakes along the downstream alignment of manholes at 25 foot and 50

foot locations and every 100 feet along the run of each pipe.

7. Establish roadbed and surfacing elevations by placing stakes at the top of subgrade and at the top of each course of surfacing. Subgrade and surfacing stakes shall be set at horizontal intervals not greater than 50 feet in tangent sections, 25 feet in curve sections with a radius less than 300 feet, and at 10-foot intervals in intersection radii with a radius less than 10 feet.

Transversely, stakes shall be placed at all locations where the roadway slope changes and at additional points such that the transverse spacing of stakes is not more than 12 feet

8. Establish the horizontal and vertical location of curbs by placing hub and tack with stakes showing cut / fill information to top of curb along the line of the curb and at offsets of 5 to 10 feet.

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

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

9. Provide reference stakes for light pole bases, pedestrian pole bases, signal pole bases and 10 foot offset stakes.

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

11. Contractor shall determine if changes are needed to the profiles or roadway sections shown in the Contract Plans in order to achieve proper smoothness and drainage where matching into existing features, such as a smooth transition from new pavement to existing pavement. The Contractor shall submit these changes to the Project Engineer for review and approval 10 days prior to the beginning of work.

12. The use of GPS controlled grading equipment will not be grounds for releasing the contractor from fulfilling the aforementioned survey staking requirements.

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

To facilitate the establishment of these lines and elevations, the Contracting Agency will provide the Contractor with primary survey control information consisting of

descriptions of two primary control points used for the horizontal and vertical control. Primary control points will be described by reference to the project alignment and the coordinate system and elevation datum utilized by the project. In addition, the Contracting Agency will supply horizontal coordinates for the beginning and ending points and for each Point of Intersection (PI) on each alignment included in the project.

Electronic files of the survey and plans will not be supplied.

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

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

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

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

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

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

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

Payment

"Project Surveying", shall be incidental to the work described in the plan set and project specials.

1-05.7 Removal of Defective and Unauthorized Work

(*****)

Section 1-05.7 is supplemented with the following:

If the Contractor fails to remedy defective or unauthorized work within the time specified in a written notice from the Engineer, or fails to perform any part of the work required by the Contract Documents, the Engineer may correct and remedy such work as may be identified in the written notice, with Contracting Agency forces or by such other means as the Contracting Agency may deem necessary.

If the Contractor fails to comply with a written order to remedy what the Engineer determines to be an emergency situation, the Engineer may have the defective and unauthorized work corrected immediately, have the rejected work removed and replaced, or have work the Contractor refuses to perform completed by using Contracting Agency or other forces. An emergency situation is any situation when, in the opinion of the Engineer, a delay in its remedy could be potentially unsafe, or might cause serious risk of loss or damage to the public.

Direct or indirect costs incurred by the Contracting Agency attributable to correcting and remedying defective or unauthorized work, or work the Contractor failed or refused to perform, shall be paid by the Contractor. Payment will be deducted by the Engineer from monies due, or to become due, the Contractor. Such direct and indirect costs shall include in particular, but without limitation, compensation for additional professional services required, and costs for repair and replacement of work of others destroyed or damaged by correction, removal, or replacement of the Contractor's unauthorized work.

No adjustment in contract time or compensation will be allowed because of the delay in the performance of the work attributable to the exercise of the Contracting Agency's rights provided by this Section.

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

(*****)

Section 1-05.10 is supplemented with the following paragraph:

The Contractor shall guarantee all work for a period of two years from and after the date

of acceptance of the work by the Owner.

1-05.11 Final Inspection

(October 1, 2005 APWA)

Section 1-05.11 is deleted and replaced with the following:

1-05.11 Final Inspections and Operational Testing

1-05.11(1) Substantial Completion Date

When the Contractor considers the work to be substantially complete, the Contractor shall so notify the Engineer and request the Engineer establish the Substantial Completion Date. The Contractor's request shall list the specific items of work that remain to be completed in order to reach physical completion. The Engineer will schedule an inspection of the work with the Contractor to determine the status of completion. The Engineer may also establish the Substantial Completion Date unilaterally.

If, after this inspection, the Engineer concurs with the Contractor that the work is substantially complete and ready for its intended use, the Engineer, by written notice to the Contractor, will set the Substantial Completion Date. If, after this inspection the Engineer does not consider the work substantially complete and ready for its intended use, the Engineer will, by written notice, so notify the Contractor giving the reasons therefore.

Upon receipt of written notice concurring in or denying substantial completion, whichever is applicable, the Contractor shall pursue vigorously, diligently and without unauthorized interruption, the work necessary to reach Substantial and Physical Completion. The Contractor shall provide the Engineer with a revised schedule indicating when the Contractor expects to reach substantial and physical completion of the work.

The above process shall be repeated until the Engineer establishes the Substantial Completion Date and the Contractor considers the work physically complete and ready for final inspection.

1-05.11(2) Final Inspection and Physical Completion Date

When the Contractor considers the work physically complete and ready for final inspection, the Contractor by written notice shall request the Engineer to schedule a final inspection. The Engineer will set a date for final inspection. The Engineer and the Contractor will then make a final inspection and the Engineer will notify the Contractor in writing of all particulars in which the final inspection reveals the work incomplete or unacceptable. The Contractor shall immediately take such corrective measures as are necessary to remedy the listed deficiencies. Corrective work shall be pursued vigorously, diligently, and without interruption until physical completion of the listed deficiencies. This process will continue until the Engineer is satisfied the listed deficiencies have been corrected.

If action to correct the listed deficiencies is not initiated within 7 days after receipt of the written notice listing the deficiencies, the Engineer may, upon written notice to the Contractor, take whatever steps are necessary to correct those deficiencies pursuant to Section 1-05.7.

The Contractor will not be allowed an extension of contract time because of a delay in the performance of the work attributable to the exercise of the Engineer's right hereunder.

Upon correction of all deficiencies, the Engineer will notify the Contractor and the Contracting Agency, in writing, of the date upon which the work was considered physically complete. That date shall constitute the Physical Completion Date of the contract, but shall not imply acceptance of the work or that all the obligations of the Contractor under the contract have been fulfilled.

1-05.12 Final Acceptance

(*****)

Section 1-05.12 is supplemented with the following paragraphs:

Prior to substantial completion, the City, with the approval of the Contractor, may use any completed or substantially completed portions of the work. Such use shall not constitute an acceptance of such portions of the work.

The acceptance by the Contractor of final payment shall be and shall operate as a release to the City of all claims and all liability to the Contractor other than claims in stated amounts as may be specifically excepted by the Contractor in writing prior to the request for final payment for all things done or furnished in connection with this work and for every act and neglect of the City and its agents and others relating to or arising out of this work. However, any payment, final or otherwise, or any acceptance, shall not release the Contractor or its sureties from any obligations under the Contract Documents or the Performance and Payment Bonds or diminishes the City's rights under the guaranty provisions.

1-05.16 Water and Power

(October 1, 2005 APWA)

Add the following new section:

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.

1-05.15 Method of Serving Notices

(*****)

Add the following new section:

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

(*****)

1-06.2(1) Samples and Tests for Acceptance
Section 1-06.2(2) is supplemental as follows:

The Contractor shall be responsible for all materials testing specified in the Contract Provisions. The materials testing laboratory shall be accredited for performing the various testing methods either by AASHTO R18, AASHTO 150/IEC 17025, or the American Association for Laboratory Accreditation and further approved by the Contracting Agency. The Engineer or the Inspector shall specify the items or areas to be tested. The materials testing laboratory shall send test results directly to the Engineer. Any area that does not meet the material gradation or compaction test requirements shall be repaired or replaced at the Contractor's expense. Areas that do not meet compaction test requirements shall be retested at the Contractor's expense. Locations for testing and retesting shall be selected and marked by the Engineer. The maximum density and optimum moisture content methods shall be in accordance with the Contract Provisions. The frequency and type of testing the Contractor shall provide is listed below:

Earthwork		
Material	Test	Testing Frequency
Subgrades	In-Place Density ⁽³⁾	One per lift per 250 LF
Embankments or Borrow	In-Place Density ⁽³⁾	One per lift per 200 tons
Trenching		
Materials	Test	Testing Frequency
Pipe Bedding	Gradation ⁽¹⁾	One per material source
Trench Backfill	Gradation ⁽¹⁾	One per material source
	Moisture Density Relationship ⁽³⁾	One per material source
	In-Place Density ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾	One per 100 LF per 2' depth
Aggregate Materials		
Materials	Test	Testing Frequency
Crushed Surfacing	Gradation, SE & Fracture	One per 600 tons
	Liquid Limit & Plasticity Limit	One per 600 tons
	Density ⁽¹⁾	One per lift per 250 LF
Hot Mix Asphalt and Asphalt Treated Base		
Materials	Test	Testing Frequency
	Rice Density Grading & Asphalt Content	One per material source
	Compaction ⁽¹⁾	One per 40 tons
Hot Mix Asphalt Aggregate		
Materials	Test	Testing Frequency
Aggregate	SE, Fracture, Uncompacted Void Content of Fine Aggregate	One per material source
Blend Sand	SE	One per material source
Mineral Filler	SP, G & PI	Certificate
PCC Structures⁽⁸⁾		
Materials	Test	Testing Frequency
Course Aggregate ⁽⁷⁾	Gradation	One per 1,000 CY
Fine Aggregate ⁽⁷⁾	Gradation	One per 1,000 CY
Combined Aggregate ⁽⁷⁾	Gradation	One per 1,000 CY
Consistency	Slump	One per 50 CY
Air Content	Air	One per 50 CY
Cylinders (28 Day)	Compressive Strength	One per 50 CY
Cement ⁽⁶⁾	Chemical and Physical	Certificate
Grout	Compressive Strength	One set per day

(1) All acceptance tests shall be conducted from in-place samples.

(2) Additional tests shall be conducted when variations occur due to the Contractor's operations, weather conditions, site conditions, etc.

(3) All compaction shall be in accordance with the Compaction Control Test of Section 2-03.3(14)D. The nuclear densometer, if properly calibrated, may be used for the required testing frequency and procedures. The densometer shall be calibrated and is recommended for use when the time for complete results becomes critical.

(4) Depending on soil conditions, it is anticipated that compaction tests will be required at depths of two feet above the pipe and at each additional two feet to the existing surface plus a test at the surface.

- (5) A minimum of three samples, on a random basis, shall be taken and tested.
- (6) Cement may be accepted by the Engineer based on the Manufacturer's Mill Test Report number indicating full conformance to the Specification.
- (7) The frequency for fine, course, and combined concrete aggregate samples for PCC Paving and PCC Structures shall be based on the cubic yard (CY) of concrete.
- (8) Commercial concrete will be accepted with Certificate of Compliance; no testing is required.

Payment

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

1-07 LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC

1-07.5(3) State Department of Ecology

(*****)

Section 1-07.5(3) is supplemented with the following:

Sand and Gravel Source Compliance to the Clean Water Act
Each source/supplier of sand and gravel for this project will provide either a current Sand and Gravel permit number issued by the Washington State Department of Ecology, or a current Application for Coverage, also issued by the Department of Ecology prior to source approval.

1-07.17 Utilities and Similar Facilities

(*****)

Section 1-07.17 is supplemented with the following:

The Contractor shall call the Utility Location Request Center (One Call Center) at 811 for field location, not less than two or more than ten working days before the scheduled date for commencement of excavation which may affect underground utility facilities. The Contractor shall under no circumstances expose any utility without first obtaining permission from the appropriate utility agency.

The Contractor shall be solely and directly responsible to the Owner and Owners of Utilities for any and all damage, disruption of service, or claims which may result from the construction operations. The Contractor shall make all necessary arrangements for protection of existing power and telephone lines in the vicinity of this Contract that interfere with construction.

Neither the Owner nor its officers or agents shall be responsible to the Contractor for damages as a result of the Contractor's failure to protect utilities encountered in the work.

Restoration of utilities damaged by the Contractor, his agents or employees, shall be

accomplished by the utility involved at the Contractor's expense.

1-07.18 Public Liability and Property Damage Insurance

Delete this section in its entirety, and replace it with the following:

1-07.18 Insurance

(May 10, 2006 APWA)

1-07.18(1) General Requirements

A. The Contractor shall obtain the insurance described in this section from insurers approved by the State Insurance Commissioner pursuant to RCW Title 48. The insurance must be provided by an insurer with a rating of A-: VII or higher in the A.M. Best's Key Rating Guide, which is licensed to do business in the state of Washington (or issued as a surplus line by a Washington Surplus lines broker). The Contracting Agency reserves the right to approve or reject the insurance provided, based on the insurer (including financial condition), terms and coverage, the Certificate of Insurance, and/or endorsements.

B. The Contractor shall keep this insurance in force during the term of the contract and for thirty (30) days after the Physical Completion date, unless otherwise indicated (see C. below).

C. If any insurance policy is written on a claims made form, its retroactive date, and that of all subsequent renewals, shall be no later than the effective date of this Contract. The policy shall state that coverage is claims made, and state the retroactive date. Claims made form coverage shall be maintained by the Contractor for a minimum of 36 months following the Final Completion or earlier termination of this contract, and the Contractor shall annually provide the Contracting Agency with proof of renewal. If renewal of the claims made form of coverage becomes unavailable, or economically prohibitive, the

Contractor shall purchase an extended reporting period ("tail") or execute another form of guarantee acceptable to the Contracting Agency to assure financial responsibility for liability for services performed.

D. The insurance policies shall contain a "cross liability" provision.

E. The Contractor's and all subcontractors' insurance coverage shall be primary and noncontributory insurance as respects the Contracting Agency's insurance, self-insurance, or insurance pool coverage.

F. All insurance policies and Certificates of Insurance shall include a requirement providing for a minimum of 30 days prior written notice to the Contracting Agency of any cancellation in any insurance policy.

G. Upon request, the Contractor shall forward to the Contracting Agency a full and certified copy of the insurance policy(s).

H. The Contractor shall not begin work under the contract until the required insurance has been obtained and approved by the Contracting Agency.

I. Failure on the part of the Contractor to maintain the insurance as required shall constitute a material breach of contract, upon which the Contracting Agency may, after giving five business days notice to the Contractor to correct the breach, immediately terminate the contract or, at its discretion, procure or renew such insurance and pay any and all premiums in connection therewith, with any sums so expended to be repaid to the Contracting Agency on demand, or at the sole discretion of the Contracting Agency, offset against funds due the Contractor from the Contracting Agency.

J. All costs for insurance shall be incidental to and included in the unit or lump sum prices of the contract and no additional payment will be made.

1-07.18(2) Additional Insured

All insurance policies, with the exception of Professional Liability and Workers Compensation, shall name the following listed entities as additional insured(s):

the City of Ridgefield and its officers, elected officials, employees, agents, and volunteers

The above-listed entities shall be additional insured(s) for the full available limits of liability maintained by the Contractor, whether primary, excess, contingent or otherwise, irrespective of whether such limits maintained by the Contractor are greater than those required by this Contract, and irrespective of whether the Certificate of Insurance provided by the Contractor pursuant to 1-07.18(3) describes limits lower than those maintained by the Contractor.

1-07.18(3) Subcontractors

Contractor shall ensure that each subcontractor of every tier obtains and maintains at a minimum the insurance coverages listed in 1-07.18(5)A and 1-07.18(5)B. Upon request of the Contracting Agency, the Contractor shall provide evidence of such insurance.

1-07.18(4) Evidence of Insurance

The Contractor shall deliver to the Contracting Agency a Certificate(s) of Insurance and endorsements for each policy of insurance meeting the requirements set forth herein when the Contractor delivers the signed Contract for the work. The certificate and endorsements must conform to the following requirements:

1. An ACORD certificate or a form determined by the Contracting Agency to be equivalent.
2. Copies of all endorsements naming Contracting Agency and all other entities listed in 1-07.18(2) as Additional Insured(s), showing the policy number. The Contractor may submit a copy of any blanket additional insured clause from its policies instead of a separate endorsement. A statement of additional insured status on an ACORD Certificate of Insurance shall not satisfy this requirement.

3. Any other amendatory endorsements to show the coverage required herein.

1-07.18(5) Coverages and Limits

The insurance shall provide the minimum coverages and limits set forth below. Providing coverage in these stated minimum limits shall not be construed to relieve the Contractor from liability in excess of such limits. All deductibles and self-insured retentions must be disclosed and are subject to approval by the Contracting Agency. The cost of any claim payments falling within the deductible shall be the responsibility of the Contractor.

1-07.18(5)A Commercial General Liability

A policy of Commercial General Liability Insurance, including:

Per project aggregate
Premises/Operations Liability
Products/Completed Operations – for a period of two years following final acceptance of the work.
Personal/Advertising Injury
Contractual Liability
Independent Contractors Liability
Stop Gap / Employers' Liability
Explosion, Collapse, or Underground Property Damage (XCU)
Blasting (only required when the Contractor's work under this Contract includes exposures to which this specified coverage responds)

Such policy must provide the following minimum limits:
\$1,000,000 Each Occurrence
\$2,000,000 General Aggregate
\$1,000,000 Products & Completed Operations Aggregate
\$1,000,000 Personal & Advertising Injury, each offence

Stop Gap / Employers' Liability
\$1,000,000 Each Accident
\$1,000,000 Disease - Policy Limit
\$1,000,000 Disease - Each Employee

1-07.18(5)B Automobile Liability
Automobile Liability for owned, non-owned, hired, and leased vehicles, with an MCS 90 endorsement and a CA 9948 endorsement attached if "pollutants" are to be transported. Such policy(ies) must provide the following minimum limit:

\$1,000,000 combined single limit

1-07.18(5)C Workers' Compensation

The Contractor shall comply with Workers' Compensation coverage as required by the Industrial Insurance laws of the state of Washington.

1-07.23(1) Construction Under Traffic

(*****)

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

Work Zone Clear Zone

The Work Zone Clear Zone (WZCZ) applies during working and nonworking hours. The WZCZ applies only to temporary roadside objects introduced by the Contractor's operations and does not apply to preexisting conditions or permanent Work. Those work operations that are actively in progress shall be in accordance with adopted and approved Traffic Control Plans, and other contract requirements.

During nonworking hours equipment or materials shall not be within the WZCZ unless they are 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 actual hours of work, unless protected as described above, only materials absolutely necessary to construction shall be within the WZCZ and only construction vehicles absolutely necessary to construction shall be allowed within the WZCZ 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 WZCZ 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.

Minimum WZCZ distances are measured from the edge of traveled way and will be determined as follows:

Regulatory Posted Speed	Distance From Traveled Way (Feet)
35 mph or less	10 *
40 mph	15
45 to 55 mph	20
60 mph or greater	30

* or 2-feet beyond the outside edge of sidewalk

Minimum Work Zone Clear Zone Distance

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

It shall be the Contractor's responsibility to prepare a detailed traffic control plan in accordance with Section 1-07.23(1) of the Standard Specifications.

Within five days from notice to proceed, and prior to the start of any construction, the Contractor shall submit a written traffic control plan to the City. The traffic control plan shall be in strict conformance with the latest edition of the "Manual for Uniform Traffic Control Devices" and shall be subject to approval by the Engineer and the City of Ridgefield. The Contractor shall schedule two working days for the Engineer's approval of the traffic control plan. No work shall be completed on this project until the Engineer has provided written approval of the Contractor's traffic control plan. Time extensions will not be approved for any delays in the project as a result of the Contractor's failure to provide a written traffic control plan in strict conformance with these specifications. See Division 1 for additional requirements.

The proper signing and warning devices shall be in place to protect bicycle and pedestrian traffic at all times. It shall be the contractor's responsibility to monitor and maintain the TCD's as necessary.

1-08 PROSECUTION AND PROGRESS

(*****)

Add the following paragraph:

Allowed Hours for Construction

The Contractor shall be allowed to be on-site performing noise-generating activities from 8:00 AM to 5:00 PM on weekdays. Operating tools, equipment, or vehicles will not be allowed outside of these limits unless there is an emergency that threatens public safety or health or unless otherwise approved in writing by the Owner.

1-08.4 Prosecution of Work

(June 27, 2011 APWA)

Revise this section to read:

Notice to Proceed and Prosecution of the Work

Notice to Proceed will be given after the contract has been executed and the contract bond and evidence of insurance have been approved and filed by the Contracting Agency. The Contractor shall not commence with the work until the Notice to Proceed has been given by the Engineer. The Contractor shall commence construction activities on the project site within ten days of the Notice to Proceed Date, unless otherwise approved in writing. The Contractor shall diligently pursue the work to the physical completion date within the time specified in the contract. Voluntary shutdown or slowing of operations by the Contractor shall not relieve the Contractor of the responsibility to complete the work within the time(s) specified in the contract.

1-08.5 Time For Completion

(*****)

Section 1-08.5 is supplemented with the following:

The project shall be completed in its entirety within thirty working days (30) after the date of the Notice to Proceed.

1-08.9 Liquidated Damages

(*****)

Add the following paragraphs:

"Liquidated damages to be paid by the Contractor to the Owner because of the Contractor's failure to complete the Contract within the Contract Time shall be calculated in accordance with Section 1-08.9 of the Standard Specifications.

In addition to the liquidated damages above, the Contractor shall reimburse the City for the cost incurred for inspection and project management services required beyond the set time limit. If the Contractor fails to reimburse the City directly, the cost will be deducted from the Contractor's final pay request by the City."

1-10 TEMPORARY TRAFFIC CONTROL

(*****)

1-10.2(1) Traffic Control Management

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

Add the following paragraphs:

The Contractor's proposed traffic control plan(s) or any proposed modified plan(s) shall be submitted to the Engineer for review and approval at least five (5) working days in advance of the time the new plan will be implemented. No work can commence on this project until the traffic control plans submitted by the Contractor have been approved and all required traffic control devices are in place. All traffic control plans shall conform Section 1-10.2(3).

During daytime construction hours, all public streets are to either remain open with at least 1 lane of traffic with flaggers or be temporarily closed to through traffic with local access. Temporary closures will be allowed during street excavation/embankment, street surfacing, and paving activities. All public streets shall be open to two lane traffic during non-construction hours, unless otherwise approved by the Engineer. A minimum drivable width of 20' available for public use as approved by the Engineer is necessary for the road to be considered as having 2 traffic lanes open.

Contractor shall work with adjacent property owners and Engineer to coordinate parking and access. No adjacent resident or property owner shall be without driveway access, except for up to one three (3) day period for driveway construction activities unless the Contractor obtains a separate agreement that states otherwise. All property owners shall be contacted a minimum of 72 hours in advance of any disruptions to access.

1-10.5 Payment

Section 1-10.5 is supplemented with the following:

Traffic Control Management will be paid under the lump sum (LS) item for Temporary Traffic Control.

All costs associated with maintaining pedestrian access control and protection shall be included in the lump sum price for "Project Temporary Traffic Control".

(*****)

As-Built/Record Drawings

Add the following section to Division 1:

The Contractor shall submit record drawings identifying all differences between the installed conditions and those indicated in the Contract Documents.

Record drawings shall be maintained on site and kept current with construction progress. These plans shall be used solely for the purpose of noting as-built information. Record drawings shall identify all plan revisions and their respective request for information number (RFI No.) or approved change order number, if applicable. Drawings should reflect the same degree of detail as the original plan drawings.

Revisions are to be made by lining out features that were changed during construction and then correcting them. These revisions are to be placed onto the plans in a manner that results in neat and legible sheets. A red pen that writes sharp, clear, and dark with a medium

line shall be used to make these notations. All revisions shall be bubbled for easy recognition with revision number in a triangle and marked in the title block.

Within ten days after Substantial Completion, the Contractor shall submit final draft hardcopies of the record drawings for approval. The Engineer will not conduct the final inspection per Section 1-05.11 prior to receiving this submittal. The record drawings will be utilized by the Engineer in conducting the final inspection. Within ten calendar days following the final inspection, the Engineer will either return the record drawings to the Contractor for revision and resubmittal, or indicate acceptance of the submittal by providing the Contractor with written notification of the Completion Date of the contract granted all of the requirements of Section 1-08.5 Time for Completion are met.

Compensation for all costs associated with this special provision for as-built/record drawings shall be considered incidental to other bid items. No separate payment will be made for asbuilt and record drawings.

The Contractor agrees to authorize the Engineer to deduct 5% of partial payment monies due to the Contractor when record drawings are not kept concurrent with construction progress. Payment will be withheld until the final record drawings have been furnished to the Engineer and approved.

DIVISION 2 EARTHWORK

2-02 REMOVAL OF STRUCTURES AND OBSTRUCTIONS

(*****)

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

No. 1 in the first paragraph of Section 2-02.3(3) are revised to read as follows:

1. Haul broken-up pieces to an approved off-site location.

2-03 ROADWAY EXCAVATION AND EMBANKMENT

2-03.1 Description

Section 2-03.1 is supplemented with the following:

Any excavation as part of the asphalt repair or the construction of new bulb outs, sidewalk, curb or curb ramps shall be incidental to those bid items. This includes all necessary work for the construction of that item, including but not limited to; asphalt sawcutting, removal, haul and disposal, concrete sawcutting, removal, haul and disposal or unsuitable subgrade removal, haul and disposal.

2-03.4 Measurement

Add the following:

The excavation necessary for the construction of the bid items included in the Main Avenue Restoration Project will not be measured separately.

2-03.4 Payment

Add the following:

No separate payment will be made for all excavation, haul and disposal of material necessary to construct any item shown or listed in Plans or Contract Documents.

2-06 SUBGRADE PREPARATION

2-06.3 Construction Requirements

2-06.3(1) Subgrade for Surfacing

(*****)

Section 2-06.3(1) is supplemented with the following:

In addition to the required compaction tests, the finished subgrade may be subject to a

proof-loading test using a fully loaded water truck or equivalent. The Contractor shall replace or reconstruct any failing areas marked by the Engineer until underlying firmness and top layer compaction are achieved. No additional pay will be made for testing or achieving compaction.

2-07 WATERING

(*****)

Add the following:

The Contractor shall obtain water at his expenses, in a legal manner. The Contractor may not obtain water from natural sources without permission from local authorities that have jurisdiction.

**DIVISION 4
BASES**

4-04 BALLAST AND CRUSHED SURFACING

(*****)

4-04.1 Ballast and Crushed Surfacing

Add the following:

Work shall consist of furnishing all labor, equipment and materials required to construct one or more courses of crushed aggregate upon prepared subgrade in pavement widening, restoration, and resurfacing areas.

4-04.4 Measurement

Add the following:

“Crushed Surfacing Base Course” will be measured by the cubic yard, in place and compacted, calculated to the neat lines shown in the plans, sections and restoration details and notes.

**DIVISION 5
SURFACE TREATMENTS AND PAVEMENTS**

5-04 HOT MIX ASPHALT

(*****)

5-04.1 Hot Mix Asphalt

Add the following:

Any reference in the Plans or Specifications to Asphalt Concrete Pavement, ACP, or AC shall be equivalent to the terms Hot Mix Asphalt or HMA.

All water, gas and other utility valve rims and covers shall be adjusted to finished grade. Remove and clean valve cover, raise or lower box or riser pipe to the required elevation, and replace cover.

All utility manholes shall be adjusted to finished grade.

5.04.3 Construction Requirements

Add the following:

The Contractor shall tack and sand all edges, cold joints, and tapers which join existing asphalt pavement with new asphalt around the new curb and sidewalk ramp areas.

All valves, manholes, and catch basins shall be adjusted in advance of or during the paving operation. No adjustments shall be made after the paving is completed without prior approval by the Engineer.

*** For any valve box, manhole, or other utility access point that is paved over causing the Contractor to return, raise, and patch the new pavement without prior approval by the Engineer, the Contractor will be penalized \$1,000 per valve box and \$5,000 per manhole. The penalty will be deducted from payments owed to the Contractor. ***

A heavy application of tack coat will be applied to all existing asphalt and concrete joints. Catonic, emulsified asphalt for tack coat shall be Type CSS-1, or approved equivalent. A tack coat shall be applied on asphalt surface prior to successive layers of asphalt.

5-04.3(3)A Material Transfer Device/Vehicle

This specification is waived for this project.

Direct transfer of HMA from the Hauling equipment to the paving machine will be acceptable.

5-04.3(5)E Pavement Repair

Sawcutting and Removal

The Contractor shall remove the existing edge prior to placing HMA by sawcutting the existing pavement, vertically and in a straight line along the cut lines marked in the field.

The cuts shall be made a sufficient distance from the area of excavation to remove damaged pavement and expose voids under the pavement where the subgrade has subsided, or where the pavement has broken or cracked. Pavement edges on opposite sides of trenches shall be cut parallel to each other.

5-04.3(9) Spreading and Finishing

Section 5-04.3(9) is revised to the following:

HMA Class 3/8" and HMA Class 1/2"
Wearing course 0.17 feet
Leveling course 0.25 feet

5-04.3(14) Planing Bituminous Pavement

Section 5-04.3(14) is supplemented with the following:

Planing shall be performed in the locations shown on the list and identified in the field by the Engineer.

All water valves, manholes, catch basins, etc., shall be protected in advance of the planing operation.

Immediately after planing, all loose material shall be removed from the planed surface by a vacuum type street sweeper. In addition, temporary ramps shall be placed around the perimeter of all utilities and at the intersection of streets and driveways not planed. Traffic shall not be allowed on the planed surface until it has been cleaned and the temporary ramps have been constructed to the satisfaction of the Engineer.

Planing shall occur no earlier than 3 working days prior to paving unless otherwise authorized by the Engineer.

All planed material shall become the property of the Contractor and shall be properly disposed.

5-04.3(17) Paving Under Traffic

Section 5-04.3(17) is supplemented with the following:

The Contractor shall coordinate construction of driveway transitions with property owners to minimize disruption of access. One half of the driveway access shall remain open to traffic at all times unless Contractor obtains approval from the property to construct the full width or the driveway is too narrow.

5-04.4 Measurement

Section 5-04.4 is supplemented with the following:

Sawcutting shall be incidental and shall not be measure separately for payment. All costs associated with sawcutting existing pavement shall be included in the bid items of roadway excavation.

**DIVISION 8
MISCELLANEOUS CONSTRUCTION**

8-01 EROSION CONTROL AND WATER POLLUTION CONTROL

(*****)

8-01.1 Erosion Control and Water Pollution Control

Best Management Practice (BMP) means physical, structural, and managerial practices that when used singly or in combination prevent or reduce erosion.

8-01.3(1) General

Section 8-01.3(1) is supplemented with the following:

Erosion control shall be in place prior to commencing any ground-breaking activity, including but not limited to clearing and grubbing. The Contractor shall phase construction activities to keep the exposure of erodible soil to a minimum.

The intent of the plans is to show the base required erosion control BMPs. Additional erosion control BMPs may be required, and shall be determined by the Contractor based on field conditions and construction methods.

Significant variation and degree of erosion control effort will be dictated by weather conditions. The Contractor shall be prepared to provide extra erosion control provisions and effort during wet weather beyond that normally required during dry conditions. The Contractor shall provide temporary grading and erosion control measures as required and necessary to meet all code requirements.

8-01.3(8) Street Cleaning

Brooming shall include removing all loose aggregate from the sidewalks, ramps and driveways.

8-01.4 Measurement

Add the following:

Measurements shall be made once the contractor has installed erosion control devices. Nothing shall be installed without prior agreement from the Engineer.

8-01.5 Payment

Add the following:

“Erosion Control” per force account. All costs associated “Erosion Control” shall be agreed to by the Engineer and tracked using contract rates for labor, equipment and materials shall be marked up per the contract rate.

Seeding, Fertilizing, Mulching (Lawn Mix), per square foot. Seeding, Fertilizing, Mulching (Lawn Mix) shall include all costs associated with furnishing and installing the seed mix.

8-02 ROADSIDE RESTORATION

8-02.2 Material

Add the following:

Seeded Lawn: Grass seed shall match existing lawn type at each location, or as directed by the Engineer, and shall be applied at a rate as shown on the plans.

Topsoil, Type A- Imported friable loam/sand loam from the top layer of existing soils not previously excavated. If existing soils are unavailable an off-site source is acceptable as long as it meets these requirements. Topsoil shall be free of rocks over 1”, clods, debris, materials toxic to vegetation and other deleterious materials. Submit sample and source for approval prior to use.

The composition shall meet the following requirements:

- 50% to 80 % sandy loam
- 10% to 20 % clay
- 10% to 20 % composted organic material (excluding animal waste)

8-02.3(16) Lawn Installation

Add the following:

Topsoil Type “A” for “Lawn Seeding” and “Slope Seeding” shall be a minimum of 4” deep.

Prior to lawn seeding, the Contractor shall obtain approval of the grading and shaping of the lawn area by the Engineer.

8-02.5 Payment

Add the following:

Topsoil Type “A”, per cubic yard. Topsoil Type “A” includes full pay for furnishing, spreading and compacting the soil.

8-02.4 Measurement

Add the following:

No separate measurement will be made for restoring any areas adjacent to the work area.

8-02.5 Payment

Add the following:

No payment will be made for restoring any impacted areas outside the work limits. Areas disturbed as a result of construction shall be incidental.

8-04 CURBS, GUTTERS, AND SPILLWAYS

8-04.4 Measurement

Add the following:

"Cement Concrete Traffic Curb" will be measured by the linear foot as shown on the plans and details.

"Cement Concrete Pedestrian Curb" will be measured by the linear foot as shown on the plans and details.

8-04.5 Payment

Add the following:

"Cement Concrete Traffic Curb" shall include all costs associated with, subgrade preparation, forming, watering, compaction, crushed surfacing, concrete, rebar, scoring, joints, finishing, for installing curb as specified on the plans. All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental."

"Cement Concrete Pedestrian Curb" shall include all costs associated with, subgrade preparation, forming, watering, compaction, crushed surfacing, concrete, rebar, scoring, joints, finishing, for installing curb as specified on the plans. All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental."

Excavation to subgrade for curb and haul shall be incidental.

8-14 CEMENT CONCRETE SIDEWALKS

8-14.4 Measurement

Add the following:

“Cement Concrete Curb Ramp Type Depressed Curb will be measured by each (EA) installed”

“Truncated Dome Retrofit” will be measured per linear foot (LF) installed including all surface preparation and materials necessary to complete the work.

8-14.5 Payment

Add the following:

“Cement Concrete Curb Ramp Type Perpendicular” will be paid by each (EA) installed including all excavation, haul, grading necessary to construct the curb ramp All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental.”

“Cement Concrete Curb Ramp Type Parallel” will be paid by each (EA) installed including all excavation, haul, grading necessary to construct the curb ramp All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental.”

“Cement Concrete Curb Ramp Type Combination” will be paid by each (EA) installed including all excavation, haul, grading necessary to construct the curb ramp All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental.”

“Cement Concrete Curb Ramp Type Depressed Curb” will be paid by each (EA) installed including all excavation, haul, grading necessary to construct the curb ramp All work such as sawcutting, excavating, hauling, restoring and pre-leveling necessary to construct the new curb shall be incidental.”

“Truncated Dome Retrofit” will be paid per linear foot (LF) installed and shall include all surface preparation, equipment, labor and materials necessary to complete the work as described.

8-21 PERMANENT SIGNING

8-21.4 Measurement

Add the following:

“Permanent Signing” will not be measured separately.

8-22.5 Payment

Add the following:

“Permanent Signing” will be paid as a lump sum (LS) and include all items shown on the plans. Any labor, materials or equipment necessary to relocate or reset an existing sign shall be included in the item for permanent signing.

8-22 PAVEMENT MARKING

8-22.4 Measurement

Add the following:

“Paint Line (Yellow)” will be measured per linear foot (LF) installed. No differentiation will be made between skip and solid striping. Double Yellow line as shown on the plans will be paid per each line installed.

“Paint Line (White – Parking Tees)” will be measured per linear foot (LF) installed.

“Raised Pavement Markers” Type 2YY shall be measured per box of a hundred (HUND).

“Plastic Crosshatch Marking” will be measured per linear foot (LF) installed.

“Plastic Stop Line” will be measured per linear foot (LF) installed.

“Plastic Crosswalk Line (12” Wide)” will be measured per linear foot (LF) installed.

8-22.5 Payment

Add the following:

“Paint Line (Yellow)” will be paid per linear foot (LF) installed. All equipment, labor, and materials necessary to install the lines will be incidental.

“Paint Line (White – Parking Tees)” will be paid per linear foot (LF) installed. All equipment, labor, and materials necessary to install the lines will be incidental.

“Raised Pavement Markers” Type 2YY shall be paid per box of a hundred (HUND).

**DIVISION 9
MATERIALS**

9-03.8(2) HMA Test Requirements

(*****)

ESAL'S

The number of ESAL'S for the design and acceptance of the HMA shall be as follows:

<0.3 million for Cl. ½ in. PG 64-22