August 1, 2011

ATTENTION: ALL BIDDERS AND PLAN HOLDERS

RE: C 3388, TERRACE HEIGHTS DR. OVERLAY

ADDENDUM NO. 1

You are hereby notified that the plans and specifications for the above referenced project are amended as explained below.

Change the bid quantity of item 9, “Construction Signs Class A” from 151 S.F. to 214 S.F.

Replace Sheet 10 of 16, General Traffic Control Plan and Sheet 11 of 16, General Traffic Control Specifications of the Plan and Profile with the enclosed replacement sheets.

Replace Sections 1-02, Bid Procedures and Conditions, Section 1-07, Legal Relations and Responsibilities to the Public, Section 1-09, Measurement and Payment, Section 8-01, Clearing, Grubbing and Roadside Cleanup and Section 8-21, Permanent Signing with the enclosed replacement sheets.

Replace the STANDARD PLANS section dated January 3, 2011 in its entirety, and replace it with the enclosed STANDARD PLANS dated August 1, 2011.

All bidders shall be required to furnish the County Engineer with evidence of the receipt of this Addendum. This Addendum shall be incorporated in and made a part of the contract when awarded and formally executed.

Gary Ekstedt, P.E.
County Engineer
STANDARD PLANS
August 1, 2011

The State of Washington Standard Plans for Road, Bridge and Municipal Construction M21-01 transmitted under Publications Transmittal No. PT 09-013, effective August 1, 2011 is made a part of this contract.

The Standard Plans are revised as follows:

B-10.20 and B10.40
Substitute “step” in lieu of “handhold” on plan

C-14a
SECTION B, callout – 1½” PVC CONDUIT (TYP.) is revised to read: 1¼” PVC CONDUIT (TYP.) callout (mark) 8 #9 ~ 36” (TYP.) is revised to read: callout (mark) 8 #8 ~ 36” (TYP.) EPOXY BAR EXPANSION JOINT DETAIL, callout (mark) W #9 (epoxy coated symbol) ~ 36” (TYP.) is revised to read: callout (mark) 8 #8 (epoxy coated symbol) ~ 36” (TYP.)

C-23.60
Note 4. For anchor post assembly details, see Standard Plan C-1b. Use detail on this plan for wood breakaway post. (No block on this post)

Is revised as follows:

Note 4. For anchor post assembly details, refer to standard plan C-1b for Sim. Installation, with the exception of using the wood breakaway post detail, this plan. (No block on this post). Typical for both steel or wood guardrail runs.

G-24.40
Existing callout - CORNER BOLT (TYP.)
New callout - CORNER BOLT OR SHOULDER BOLT (TYP.)

J-1f
Note 2, reference to J-7d is revised to J-15.15
References to J-9a (3 instances) are revised to J-60.05

J-3b
Sheet 2 of 2, Plan View of Service Cabinet, Boxed Note, “SEE STANDARD PLAN J-6C...” is revised to read: “SEE STANDARD PLAN J-10.10...”
Sheet 2 of 2, Plan View of Service Cabinet Notes, references to Std. Plan J-9a are revised to J-60.05 (3 instances).

J-7c
Note 3, reference to J-7d is revised to J-15.15

J-16b
Key Note 1, reference to J-16a is revised to J-40.36

J-16c
Key Note 1, reference to J-16a is revised to J-40.36

J-20.10
Sheet 2, 2-Way Mounting Angle Detail,
Dimension 1.625" is revised to 1.8125"
Dimension 2.375" is revised to 2.1875"

J-75.40
Monotube Sign Structure, elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC. MINIMUM SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size # 4 AWG
Detail C, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC MIN. SIZE # 8
Is revised to read; EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG

J-75.45
elevation, callout – EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC. MINIMUM SIZE # 8
Is revised to read:

EQUIPMENT GROUNDING CONDUCTOR ~ SIZE PER NEC minimum size # 4 AWG

Detail D, callout– EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC. MIN. SIZE # 8
Is revised to read:

EQUIPMENT GROUNDING CONDUCTOR ~ CLAMP TO STEEL REINFORCING BAR, SIZE PER NEC minimum size # 4 AWG

K-80.30
In the NARROW BASE, END view, the reference to Std. Plan C-8e is revised to Std. Plan K-80.35

The following are the Standard Plan numbers applicable at the time this project was advertised. The date shown with each plan number is the publication approval date shown in the lower right-hand corner of that plan. Standard Plans showing different dates shall not be used in this contract.

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| C-1c             | 5/30/97  | C-6d             | 5/30/97  | C-20.18-00       | 10/14/09 |
| C-1d             | 10/31/03 | C-6f             | 7/25/97  | C-20.19-00       | 10/14/09 |
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| C-2a             | 6/21/06  | C-7a             | 6/16/11  | C-20.42-02       | 6/16/11  |
| C-2b             | 6/21/06  | C-8              | 2/10/09  | C-20.45-00       | 6/16/11  |
| C-2c             | 6/21/06  | C-8a             | 7/25/97  | C-22.14-02       | 6/16/11  |
| C-2d             | 6/21/06  | C-8b             | 6/27/11  | C-22.16-02       | 6/16/11  |
| C-2e             | 6/21/06  | C-8e             | 2/21/07  | C-22.40-02       | 6/16/10  |
| C-2f             | 3/14/97  | C-8f             | 6/30/04  | C-22.45-00       | 6/16/11  |
| C-2g             | 7/27/01  | C-10             | 6/3/10   | C-23.60-01       | 10/14/09 |
| C-2h             | 3/28/97  | C-12             | 7/3/08   | C-25.18-02       | 6/16/11  |
| C-2i             | 3/28/97  | C-13a            | 7/3/08   | C-25.20-04       | 10/14/09 |
| C-2j             | 6/12/88  | C-13b            | 7/3/08   | C-25.22-03       | 10/14/09 |
| C-2k             | 7/27/01  | C-13c            | 7/3/08   | C-25.26-01       | 10/14/09 |
| C-2n             | 7/27/01  | C-14a            | 7/3/08   | C-25.80-01       | 7/3/08   |
| C-2o             | 7/13/01  | C-14b            | 7/26/02  | C-28.40-01       | 6/16/11  |
| C-2p             | 10/31/03 | C-14c            | 7/3/08   | C-40.14-01       | 6/3/10   |
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1-02.5 Proposal Forms
The first paragraph is revised to read:

At the request of a prequalified Bidder, the Contracting Agency will provide a physical Proposal Form for any project on which the Bidder is eligible to Bid. For certain projects selected at the sole discretion of the Contracting Agency, the Bidder may also be authorized to access an electronic Proposal Form for submittal via TrnsPort Expedite® software and BidExpress®.

1-02.6 Preparation of Proposal
The first paragraph is revised to read:

The Contracting Agency will accept only those Proposals properly executed on physical forms it provides, or electronic forms that the bidder has been authorized to access. Unless it approves in writing, the Contracting Agency will not accept Proposals on forms attached to the Plans and stamped “Informational”.

The second paragraph is revised to read:

All prices shall be in legible figures (not words) written in ink or typed, and expressed in U.S. dollars and cents. The Proposal shall include:

1. A unit price for each item (omitting digits more than four places to the right of the decimal point),

2. An extension for each unit price (omitting digits more than two places to the right of the decimal point), and

3. The total Contract price (the sum of all extensions).

In the space provided on the signature sheet, the Bidder shall confirm that all Addenda have been received.

The third paragraph is revised to read:

The Bidder shall submit with the Bid a completed Disadvantaged Business Enterprises (DBE) Utilization Certification, when required by the Special Provisions. For each and every DBE firm listed on the Bidder’s completed DBE Utilization Certification, the Bidder shall submit written confirmation from that DBE firm that the DBE is in agreement with the DBE participation commitment that the Bidder has made in the Bidders completed DBE Utilization Certification. WSDOT Form 422-031 EF (DBE Written Confirmation Document) is available for this purpose. Bidder must submit good faith effort documentation with the DBE Utilization Certification ONLY In The Event the bidder’s efforts to solicit sufficient DBE participation have been unsuccessful. Directions for delivery of the DBE Written Confirmation Documents and DBE Good Faith Effort
documentation are included in Section 1-02.9 Delivery of Proposal and Section 1-02.10 Withdrawing, Revising or Supplementing Proposal.

1-02.7 Bid Deposit
This section is revised to read:

A deposit of at least 5-percent of the total Bid shall accompany each Bid. This deposit may be cash, certified check, cashier’s check, or a proposal bond (Surety bond). For projects that are selected by the Contracting Agency to be bid electronically, the proposal bond may be in either a physical format, or an electronic format via Surety2000.com or Insurevision.com and BidExpress®. When a physical bid deposit or proposal bond is furnished to accompany an electronic Proposal Form, the Bid deposit shall be received by the Contracting Agency at the location specified for receipt of bids prior to the time set for receipt of Bids. Any proposal bond shall be on a form acceptable to the Contracting Agency and shall be signed by the Bidder and the Surety. A proposal bond shall not be conditioned in any way to modify the minimum 5-percent required. The Surety shall: (1) be registered with the Washington State Insurance Commissioner, and (2) appear on the current Authorized Insurance List in the State of Washington published by the Office of the Insurance Commissioner.

The failure to furnish a Bid deposit of a minimum of 5-percent with the Bid or as a physical supplement to the electronic Proposal Form shall make the Bid nonresponsive and shall cause the Bid to be rejected by the Contracting Agency.

1-02.8(2) Lobbying Certification
The last paragraph is revised to read:

The Certification for Federal-Aid Contracts (Form DOT 272-040) may be reproduced from the Proposal form. The disclosure form is available from the Washington State Department of Transportation’s Contract Ad & Award Office, Transportation Building, Olympia, Washington 98504.

1-02.9 Delivery of Proposal
This section is revised to read:

For projects scheduled for bid opening in Olympia, each Proposal shall be sealed and submitted in the envelope provided with it, or electronically via TrnsPort Expedite® software and BidExpress® at the location and time identified in Section 1-02.12. The Bidder shall fill in all blanks on this envelope to ensure proper handling and delivery.

For projects scheduled for bid opening in other locations, each Proposal shall be sealed and submitted in the envelope provided with it, at the location and time identified in Section 1-02.12. The Bidder shall fill in all blanks on this envelope to ensure proper handling and delivery.

The Contracting Agency will not open or consider any Proposal or any supplement to a Proposal that is received after the time specified for receipt of Proposals, or received in a location other than that specified for receipt of Proposals.
NOTE: Certain documents that are required for an electronic Bid Proposal to be responsive CANNOT be submitted electronically via Trns-Port Expedite® software and BidExpress®. These documents include:

1. DBE Written Confirmation Documents; and,

2. Good Faith Effort Documentation; and,

3. Cash, certified checks, cashier’s checks, or a proposal bond (Surety bond) in formats other than via Surety2000.com or Insurevision.com.

The Bidder shall provide all documents that are required for an electronic Bid Proposal to be responsive (but cannot be submitted electronically via Trns-Port Expedite® software and BidExpress®) as a supplement to their electronic Bid Proposal in one of the following methods:

1. Physically in a sealed envelope marked as “BID SUPPLEMENT” and bearing the Bidders company name, project title, Bid date, and description of contents (for example: DBE Written Confirmation, DBE Good Faith Efforts, Proposal Deposit, etc.); or,

2. Except for Item #3 above, by facsimile to the following FAX number: (360) 705-6966.

E-mailed submittals are not acceptable. The Contracting Agency is not responsible for delayed, partial, failed, illegible or partially legible FAX document transmissions, and such documents may be rejected as incomplete at the Bidder’s risk.

1-02.10 Withdrawal or Revision of Proposal
This section including title is revised to read:

Withdrawing, Revising, or Supplementing Proposal
After submitting a physical Bid Proposal to the Contracting Agency, the Bidder may withdraw, revise, or supplement it if:

1. The Bidder submits a written request signed by an authorized person, and

2. The Contracting Agency receives the request before the time set for receipt of Proposals.

The original physical Bid Proposal may be supplemented, or revised and resubmitted as the official Bid Proposal if the Contracting Agency receives it before the time set for receipt of Proposals. Faxed Bid revisions and supplements will be accepted only if they are submitted in accordance with the “Example Format for Facsimile Bid Changes” instructions posted on the WSDOT website at http://www.wsdot.wa.gov/biz/contaa/bulletin/.

E-mailed requests to withdraw, revise or supplement a Proposal are not acceptable. The contracting Agency is not responsible for delayed, partial, failed, illegible or partially
legible FAX document transmissions, and such documents may be rejected as incomplete at the Bidders risk.

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

1-02.13 Irregular Proposals
In the first paragraph, Item h beneath item number 1 is revised to read:

h. The Bidder fails to submit or properly complete a Disadvantaged Business Enterprise Utilization Certification, if applicable, as required in Section 1-02.6;

In the first paragraph, item I beneath item number 1 is revised to read:

i. The Bidder fails to submit written confirmation from each DBE firm listed on the Bidder’s completed DBE Utilization Certification that they are in agreement with the bidders DBE participation commitment, if applicable, as required in Section 1-02.6, or if the written confirmation that is submitted fails to meet the requirements of the Special Provisions;

Item 1 in the first paragraph is supplemented with the following:

j. The Bidder fails to submit DBE Good Faith Effort documentation, if applicable, as required in Section 1-02.6, or if the documentation that is submitted fails to demonstrate that a Good Faith Effort to meet the Condition of Award was made; or

k. The Bid Proposal does not constitute a definite and unqualified offer to meet the material terms of the Bid invitation.
SECTION 1-07, LEGAL RELATIONS AND RESPONSIBILITIES TO THE PUBLIC
August 1, 2011

1-07.2 Sales Tax
The third sentence in the first paragraph is revised to read:

The Contractor shall contact the Contract Payment section of the Division of Accounting &
Financial Services of the Department of Transportation, Olympia WA for questions on
sales tax.

The first sentence in the third paragraph is revised to read:

The Contracting Agency will pay the retained percentage only if the Contractor has
obtained from the State Department of Revenue a certificate showing that all Contract-
related taxes have been paid (RCW 60.28.051).

1-07.5(3) State Department of Ecology
Item No. 4. in the first paragraph is revised to read:

4. Perform Work in such a manner that all materials and substances not specifically
identified in the Contract documents to be placed in the water do not enter waters of
the State, including wetlands. These include, but are not limited to, petroleum
products, hydraulic fluid, fresh concrete, concrete wastewater, process wastewater,
slurry materials and waste from shaft drilling, sediments, sediment-laden water,
chemicals, paint, solvents, or other toxic or deleterious materials.

1-07.9(1) General
The second sentence in the fourth paragraph is revised to read:

When the project involves highway Work, heavy Work and building Work, the Contract
Provisions may list a Federal wage and fringe benefit rate for the highway Work, a separate
Federal wage and fringe benefit rate for both the heavy Work and the building Work.

1-07.13(4) Repair of Damage
The last sentence in the first paragraph is revised to read:

For damage qualifying for relief under Sections 1-07.13(1), 1-07.13(2), 1-07.13(3), or 8-
17.5, payment will be made in accordance with Section 1-09.4 using the estimated bid item
"Reimbursement for Third Party Damage".

1-07.14 Responsibility for Damage
The third, fourth and fifth paragraphs are revised to read:

Subject to the limitations in this section and RCW 4.24.115 the Contractor shall indemnify,
defend, and save harmless the State, Governor, Commission, Secretary, and all officers and
employees of the State from all claims, suits, or actions brought for injuries to, or death of,
any persons or damages resulting from construction of the Work or in consequence of any
negligence or breach of contract regarding the Work, or the use of any improper materials
in the Work, caused in whole or in part by any act or omission by the Contractor or the
agents or employees of the Contractor during performance or at any time before final acceptance. In addition to any remedy authorized by law, the State may retain so much of the money due the Contractor as deemed necessary by the Engineer to ensure indemnification until disposition has been made of such suits or claims.

Subject to the limitations in this section and RCW 4.24.115, the Contractor shall indemnify, defend, and save harmless any county, city, or region, its officers, and employees connected with the Work, within the limits of which county, city, or region the Work is being performed, all in the same manner and to the same extent as provided above for the protection of the State, its officers and employees, provided that no retention of money due the Contractor be made by the State except as provided in RCW 60.28, pending disposition of suits or claims for damages brought against the county, city, or district.

Pursuant to RCW 4.24.115, where such claims, suits, or actions result from the concurrent negligence of (a) the indemnitee or the indemnitee’s agents or employees and (b) the Contractor or the Contractor’s agent or employees, the indemnity provisions provided in the preceding paragraphs of this section shall be valid and enforceable only to the extent of the Contractor’s negligence or the negligence of its agents and employees.

This section is supplemented with the following:

THE CONTRACTOR SPECIFICALLY ASSUMES ALL POTENTIAL LIABILITY FOR ACTIONS BROUGHT BY EMPLOYEES OF THE CONTRACTOR AND, SOLELY FOR THE PURPOSE OF ENFORCING THE DEFENSE AND INDEMNIFICATION OBLIGATIONS SET FORTH IN SECTION 1-07.14, THE CONTRACTOR SPECIFICALLY WAIVES ANY IMMUNITY GRANTED UNDER THE STATE INDUSTRIAL INSURANCE LAW, RCW TITLE 51. THIS WAIVER HAD BEEN MUTUALLY NEGOTIATED BY THE PARTIES. THE CONTRACTOR SHALL SIMILARLY REQUIRE THAT EACH SUBCONTRACTOR IT RETAINS IN CONNECTION WITH THE PROJECT COMPLY WITH THE TERMS OF THIS PARAGRAPH, WAIVE ANY IMMUNITY GRANTED UNDER RCW TITLE 51 AND ASSUME ALL LIABILITY FOR ACTIONS BROUGHT BY EMPLOYEES OF THE SUBCONTRACTOR.

1-07.15 Temporary Water Pollution/Erosion Control
The fourth paragraph is deleted.

1-07.15(1) Spill Prevention, Control and Countermeasures Plan
This section is deleted in its entirety and replaced with the following:

The Contractor shall prepare and implement a project-specific spill prevention, control, and countermeasures plan (SPCC Plan) for the duration of the project. The Contractor shall submit the plan to the Project Engineer no later than the date of the preconstruction conference. No on-site construction activities may commence until the Contracting Agency accepts an SPCC Plan for the project. SPCC Plan template and guidance information is available at:
The SPCC Plan shall address all fuels, petroleum products and hazardous materials, as defined in Chapter 447 of the WSDOT Environmental Procedures Manual (M 31-11). Occupational safety and health requirements that may pertain to SPCC Plan implementation are contained in, but not limited to, WAC 296-824 and WAC 296-843. The SPCC Plan shall address conditions that may be required by Section 3406 of the current International Fire Code, or as approved by the local Fire Marshal.

Implementation Requirements
The Contractor shall update the SPCC Plan throughout project construction so that the written plan reflects actual site conditions and practices. The Contractor shall update the SPCC Plan at least annually and maintain a copy of the updated SPCC Plan on the project site. The Contractor shall fully implement the SPCC Plan, as accepted and updated, at all times.

SPCC Plan Element Requirements
The SPCC Plan shall set forth the following information in the following order:

1. Responsible Personnel
   Identify the names, titles, and contact information for the personnel responsible for implementing and updating the plan and for responding to spills.

2. Spill Reporting
   List the names and telephone numbers of the Federal, State, and local agencies the Contractor shall notify in the event of a spill.

3. Project and Site Information
   Describe the following items:
   
   A. The project Work.
   B. The site location and boundaries.
   C. The drainage pathways from the site.
   D. Nearby waterways and sensitive areas and their distances from the site.

4. Potential Spill Sources
   Describe each of the following for all potentially hazardous materials brought or generated on-site (including materials used for equipment operation, refueling, maintenance, or cleaning):
   
   A. Name of material and its intended use.
   B. Estimated maximum amount on-site at any one time.
   C. Location(s) (including any equipment used below the ordinary high water line) where the material will be staged, used, and stored and the distance(s) from nearby waterways and sensitive areas.
5. Pre-Existing Contamination
Describe any pre-existing contamination and contaminant sources (such as buried pipes or tanks) in the project area that are described in the Contract provisions and Plans. Identify equipment and work practices that shall be used to prevent the release of contamination.

6. Spill Prevention and Response Training
Describe how and when all project personnel, including refueling personnel and other Subcontractors, shall be trained in spill prevention, containment, and response and in the location of spill response kits.

7. Spill Prevention
Describe the following items:

   A. The contents and locations of spill response kits that the Contractor shall supply and maintain that are appropriately stocked, located in close proximity to hazardous materials and equipment, and immediately accessible.

   B. Security measures for potential spill sources to prevent accidental spills and vandalism.

   C. Methods used to prevent stormwater from contacting hazardous materials.

   D. Secondary containment for each potential spill source listed in 4, above. Secondary containment structures shall be in accordance with Section S9.D.9 of Ecology’s Construction Stormwater General NPDES Permit, where secondary containment means placing tanks or containers within an impervious structure capable of containing 110% of the volume contained in the largest tank within the containment structure. Double-walled tanks do not require additional secondary containment.

   E. BMP Methods used to prevent discharges to ground or water during mixing and transfers of hazardous materials and fuel. Methods to control pollutants shall use BMPs in accordance with Ecology’s Construction Stormwater General NPDES Permit. BMPs guidance is provided in Ecology’s Stormwater Management Manuals, such as Volume II – Construction Stormwater Pollution Prevention, BMP C153 and Volume IV Source Control BMPs.

   F. Refueling procedures for equipment that cannot be moved from below the ordinary high water line.

   G. Daily inspection and cleanup procedures that ensure all equipment used below the ordinary high water line is free of all external petroleum-based products.
H. Routine equipment, storage area, and structure inspection and maintenance practices to prevent drips, leaks or failures of hoses, valves, fittings, containers, pumps, or other systems that contain or transfer hazardous materials.

I. Site inspection procedures and frequency.

8. Spill Response
   Outline the response procedures the Contractor shall follow for each scenario listed below, indicating that if hazardous materials are encountered or spilled during construction, the Contractor shall do everything possible to control and contain the material until appropriate measures can be taken. Include a description of the actions the Contractor shall take and the specific on-site spill response equipment that shall be used to assess the spill, secure the area, contain and eliminate the spill source, clean up spilled material, decontaminate equipment, and dispose of spilled and contaminated material.

   A. A spill of each type of hazardous material at each location identified in 4, above.

   B. Stormwater that has come into contact with hazardous materials.

   C. A release or spill of any pre-existing contamination and contaminant source described in 5, above.

   D. A release or spill of any unknown pre-existing contamination and contaminant sources (such as buried pipes or tanks) encountered during project Work.

   E. A spill occurring during Work with equipment used below the ordinary high water line.

If the Contractor will use a Subcontractor for spill response, provide contact information for the Subcontractor under item 1 (above), identify when the Subcontractor shall be used, and describe actions the Contractor shall take while waiting for the Subcontractor to respond.

9. Project Site Map
   Provide a map showing the following items:

   A. Site location and boundaries.

   B. Site access roads.

   C. Drainage pathways from the site.

   D. Nearby waterways and sensitive areas.
E. Hazardous materials, equipment, and decontamination areas identified in 4, above.

F. Pre-existing contamination or contaminant sources described in 5, above.

G. Spill prevention and response equipment described in 7 and 8, above.

10. Spill Report Forms
Provide a copy of the spill report form(s) that the Contractor shall use in the event of a release or spill.

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

“SPCC Plan,” lump sum.

When the written SPCC Plan is accepted by Contracting Agency, the Contractor shall receive 50-percent of the lump sum Contract price for the plan. The remaining 50-percent of the lump sum price will be paid after the materials and equipment called for in the Plan are mobilized to the project.

The lump sum payment for “SPCC Plan” shall be full pay for all costs associated with creating and updating the accepted SPCC Plan, all costs associated with the set up of prevention measures, and implementing the current SPCC Plan as required by this Specification.

As to other costs associated with releases or spills, including restocking spill kits, the Contractor may request payment as provided for in the Contract. No payment shall be made if the release or spill was caused by or resulted from the Contractor’s operations, negligence, or omissions.

1-07.16(2) Vegetation Protection and Restoration
The second paragraph is revised to read:

Damage which may require replacement of vegetation includes torn bark stripping, broken branches, exposed root systems, cut root systems, poisoned root systems, compaction of surface soil and roots, puncture wounds, drastic reduction of surface roots or leaf canopy, changes in grade greater than 6-inches, or any other changes to the location that may jeopardize the survival or health of the vegetation to be preserved.

The third paragraph is revised to read:

When large roots of trees designated to be saved are exposed by the Contractor’s operation, they shall be wrapped with heavy, moist material such as burlap or canvas for protection and to prevent excessive drying. The material shall be kept moist and securely fastened until the roots are covered to finish grade. All material and fastening material shall be removed from the roots before covering. All roots 1-inch or larger in diameter, which are damaged, shall be pruned with a sharp saw or pruning shear. Damaged, torn, or ripped bark
shall be removed as designated by the Engineer at no additional cost to the Contracting Agency.

The fourth paragraph is revised to read:

Any pruning activity required to complete the Work as specified shall be performed by a Certified Arborist as designated by the Engineer.

1-07.18 Public Liability and Property Damage Insurance
This section is deleted in its entirety and replaced with the following:

1-07.18 Public Liability and Property Damage Insurance
The Contractor shall obtain and keep in force the following policies of insurance. The policies shall be with companies or through sources approved by the State Insurance Commissioner pursuant to Chapter 48.05, RCW. Unless otherwise indicated below, the policies shall be kept in force from the execution date of the Contract until the date of acceptance by the Secretary (Section 1-05.12).

1. Owners and Contractors Protective (OCP) Insurance providing bodily injury and property damage liability coverage with limits of $3,000,000 per occurrence and, per project, in the aggregate for each policy period, written on Insurance Services Office (ISO) form CG0009 1204, together with Washington State Department of Transportation amendatory endorsement CG 2908 1195, specifying the Contracting Agency, the State, the Governor, the Commission, the Secretary, the Department and all officers and employees of the State as named insured.

2. Commercial General Liability (CGL) Insurance written under ISO Form CG0001 or its equivalent with minimum limits of $3,000,000 per occurrence and in the aggregate for each one year policy period. This coverage may be any combination of primary, umbrella or excess liability coverage affording total liability limits of not less than $3,000,000 per occurrence and in the aggregate. Products and completed operations coverage shall be provided for a period of three years following Substantial Completion of the Work.

3. Commercial Automobile Liability Insurance providing bodily injury and property damage liability coverage for all owned and nonowned vehicles assigned to or used in the performance of the Work with a combined single limit of not less than $1,000,000 each occurrence. This coverage may be any combination of primary, umbrella or excess liability coverage affording total liability limits of not less than $1,000,000 per occurrence with the State named as an additional insured or designated insured in connection with the Contractor’s Performance of the Contract. If pollutants are to be transported, MCS 90 and CA 99 48 endorsements are required on the Commercial Automobile Liability insurance policy unless in-transit pollution risk is covered under a Pollution Liability insurance policy.

4. The Contractor shall be Named Insured and the Contracting Agency, the State, the Governor, the Commission, the Secretary, the Department, all officers and employees of the State, and their respective members, directors, officers, employees, agents and consultants (collectively the “Additional Insureds”) shall be included as Additional
Insureds for all policies and coverages specified in this Section, with the exception of the OCP policy. Said insurance coverage shall be primary and non-contributory insurance with respect to the insureds and the Additional Insureds. Any insurance or self-insurance beyond that specified in this Contract that is maintained by any Additional Insured shall be in excess of such insurance and shall not contribute with it. All insurance coverage required by this Section shall be written and provided by “occurrence-based” policy forms rather than by “claims made” forms.

All endorsements adding Additional Insureds to required policies shall be issued on (i) form CG 20 10 11 85 or a form deemed equivalent by the Contracting Agency, providing the Additional Insureds with all policies and coverages set forth in this Section, with the exception of the OCP and Commercial Auto policies or (ii) form CA 20 48 or forms deemed equivalent by Contracting Agency, providing the Additional Insureds with all coverage’s required under the Commercial Automobile Liability.

5. The coverage limits to be provided by Contractor for itself and to the Contracting Agency and Additional Insureds pursuant to this section or any Special Provision, shall be on a “per project” aggregate basis with the minimum limits of liability as set forth herein for both general liability and products/completed operations claims. The additional insured coverage required under this Section for products/completed operations claims shall remain in full force and effect for not less than three years following Substantial Completion of the project. If the Contractor maintains, at any time, coverage limits for itself in excess of limits set forth in this Section 1-07.18 or any Special Provision, then those additional coverage limits shall also apply to the Contracting Agency and the Additional Insureds. This includes, but is not limited to, any coverage limits provided under any risk financing program of any description, whether such limits are primary, excess, contingent or otherwise.

6. All insurance policies and coverage’s required under Section 1-07.18 and Section 1-07.10 shall contain a waiver of subrogation against the Contracting Agency, the State, any Additional Insured and their respective departments, agencies, boards, and commissions and their respective officers, officials, agents, and employees for losses arising from Work performed by or on behalf of the Contractor. This waiver has been mutually negotiated by the parties.

7. Where applicable, the Contractor shall cause each Subcontractor to provide insurance that complies with all applicable requirements of the Contractor-provided insurance as set forth herein, in circumstances where the Subcontractor is not covered by the Contractor-provided insurance. The Contractor shall have sole responsibility for determining the limits of coverage required, if any, to be obtained by Subcontractors, which determination shall be made in accordance with reasonable and prudent business practices. In the event that a Subcontractor is required to add the Contractor as an additional insured pursuant to its contract for Work at the Project, then the Contractor shall also cause each Subcontractor to include the Contracting Agency and the Additional Insureds as additional insureds as well, for primary and non-contributory limits of liability under each Subcontractor’s Commercial General Liability, Commercial Automobile Liability and, any other coverage’s which may be required pursuant to a “Special Provision”.
8. Unless specifically noted otherwise in the Contract Documents, the parties to this Contract do not intend by any of the provisions of this Contract to cause the public or any member thereof or any other Person to be a third party beneficiary of the Contract Documents. Nothing in this Contract authorizes anyone not a party to this Contract or a designated third party beneficiary to this Contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this Contract. It is the further intent of the Contracting Agency and the Contractor in executing the Form of Contract that no individual, firm, corporation or any combination thereof which supplies materials, labor, services, or equipment to the Contractor for the performance of the Work shall become thereby a third party beneficiary of this Contract.

The Contract Documents shall not be construed to create a contractual relationship of any kind between the Contracting Agency and a Subcontractor or any other Person except the Contractor.

9. The Owners and Contractors Protective Insurance policy shall not be subject to a deductible or contain provisions for a deductible. The Commercial General Liability policy and the Commercial Automobile Liability Insurance policy may, at the discretion of the Contractor, contain such provisions. If a deductible applies to any claim under these policies, then payment of that deductible will be the responsibility of the Contractor, notwithstanding any claim of liability against the Contracting Agency. However in no event shall any provision for a deductible provide for a deductible in excess of $50,000.00.

10. With the exception of the Commercial Automobile liability coverage, no policies of insurance required under this Section shall contain an arbitration or alternative dispute resolution clause applicable to disputes between the insurer and its insureds. Any and all disputes concerning (i) terms and scope of insurance coverage afforded by the policies required hereunder and/or (ii) extra contractual remedies and relief which may be afforded policy holders in connection with coverage disputes, shall be resolved in Washington Superior Court, applying Washington law.

11. Prior to Contract execution, the Contractor shall file with the Department of Transportation, Contract Payment Section, P.O. Box 47420, Olympia, WA 98504-7420, ACORD Form Certificates of Insurance evidencing the minimum insurance coverages required under these Specifications. Within 30 days of being awarded a Contract, the Contractor shall provide the Department with complete copies, which may be electronic copies, of all insurance policies required under this section and any Special Provisions.

12. The Contractor shall provide written notice to the Engineer of any policy cancellations and provide the Department of Transportation, Contract Payment Section, P.O. Box 47420 Olympia, WA 98504-7420, by U.S Mail, notice of any policy cancellation within two business days of receipt of cancellation.

13. Failure on the part of the Contractor to maintain the insurance as required, or to not provide certification and copies of the insurance prior to the time specified in subsection 11 above, shall constitute a material breach of Contract upon which the Contracting Agency may, after giving 5-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. All costs for insurance, including any payments of deductible amounts, shall be considered incidental to and included in the unit Contract prices and no additional payment will be made.

SECTION 1-09, MEASUREMENT AND PAYMENT
August 1, 2011

1-09.2(1) General Requirement for Weighing Equipment
This section is revised to read:
Unless specified otherwise, any Highway or Bridge construction materials to be proportioned or measured and paid for by weight shall be weighed on a scale.

**Scales**

Scales shall:

1. be accurate to within 0.5-percent of the correct weight throughout the range of use;
2. not include spring balances;
3. include beams, dials, or other reliable readout equipment;
4. be built to prevent scale parts from binding, vibrating, or being displaced and to protect all working parts and;
5. be carefully maintained, with bunkers and platforms kept clear of accumulated materials that could cause errors.

**Scale Operations**

Contractor provided scale operations are defined as operations where a scale is set up by the Contractor specifically for the project and most, if not all, material weighed on the scale is utilized for Contract Work. In this situation, the Contractor shall provide a person to operate the project scale, write tickets, perform scale checks and prepare reports.

Commercial scale operations include the use of established scales used to sell materials to the public on a regular basis. In addition, for the purposes of this specification, all batch, hopper, and belt scales are considered to be commercial scales. When a commercial scale is used as the project scale, the Contractor may utilize a commercial scale operator provided it is at no additional cost to the contracting agency.

In addition, the Contractor shall ensure that:

1. the Engineer is allowed to observe the weighing operation and check the daily scale weight record;
2. scale verification checks are performed at the direction of the Contracting Agency (see Section 1-09.2(5));
3. several times each day, the scale operator records and makes certain the platform scale balances and returns to zero when the load is removed; and
4. test results and scale weight records for each day’s hauling operations are provided to the Engineer daily. Unless otherwise approved, reporting shall utilize form 422-027, Scaleman’s Daily Report.
Trucks and Tickets
Each truck to be weighed shall bear a unique identification number. This number shall be legible and in plain view of the scale operator. Each vehicle operator shall obtain a weigh or load ticket from the scale operator. The Contracting Agency will provide item quantity tickets for scales that are not self-printing. The Contractor shall provide tickets for self-printing scales. All tickets shall, at a minimum, contain the following information:

1. date of haul;
2. contract number;
3. contract unit Bid item;
4. unit of measure;
5. identification number of hauling vehicle; and
6. weight delivered
   a. net weight in the case of batch and hopper scales
   b. gross weight, tare and net weight in the case of platform scales (tare may be omitted if a tare beam is used)
   c. approximate load out weight in the case of belt conveyor scales

The vehicle operator shall deliver the ticket in legible condition to the material receiver at the material delivery point. The material delivery point is defined as the location where the material is incorporated into the permanent Work.

1-09.2(2) Specific Requirements for Batching Scales
In the first paragraph, the last sentence is revised to read:

Batching scales used for Portland Cement concrete or hot mix asphalt shall not be used for batching other materials.

1-09.2(3) Specific Requirements for Platform Scales
In the first paragraph, the last sentence is revised to read:

A tare weight shall be taken of each hauling vehicle at least once daily.

The third paragraph is deleted.

1-09.2(5) Measurement
This section is revised to read:
Scale Verification Checks
The Engineer will verify the accuracy of each batch, hopper or platform scale. The frequency of verification checks will be such that at least one test weekly is performed for each weighed contract item of work being performed during that week.

Verification checks may not be routinely conducted for weighed material, who’s proposal quantity multiplied by the unit bid price, has a value less than $20,000.

The verification will consist of one of the following methods and be at the Contractor’s option:

1. Weigh a loaded truck on a separate certified platform scale designated by the Contractor, for the purpose of scale verification.

2. Weigh a vehicle that weighs at least 10,000 pounds on a separate certified scale and then check the project scale with it.

3. Establish a certified fixed load weighing at least 10,000 pounds as a check-weight. The certification shall consist of an affidavit affirming the correct weight of the fixed load.

Should the scale verification check reveal a weight difference of more than 0.5-percent, a second scale verification check shall be performed immediately. If the weight differences of both comparison checks exceed the 0.5-percent limit and the scale has been over weighing, the Contractor shall immediately stop weighing and the scale shall be recertified at the Contractor’s expense. If the weight difference of both comparison checks exceed the 0.5-percent limit and the scale is under weighing, it shall be adjusted immediately. The Contractor will not be compensated for any loss from under weighing.

Belt Scales
To test the accuracy of a belt-conveyor scale, the Contractor shall weigh five or more payloads from sequential hauling units and compare these weights with weights of the same payloads taken on a separate certified platform scale. If the test results fluctuate, the Engineer may require more than five check loads. Conveyor weights will be based on tonnage values taken from the sealed odometer at the beginning and end of each check period.

If scale verification checks show the scale has been under weighing, it shall be adjusted immediately. The Contractor will not be compensated for any loss from under weighing.

If scale verification checks show the scale has been overweighing, its operation will cease immediately until adjusted.

Minor Construction Items
If the specifications and plans require weight measurement for minor construction items, the Contractor may request permission to convert volume to weight. If the Engineer approves, an agreed factor may be used to make this conversion and volume may be used to calculate the corresponding weight for payment.
1-09.2(6) Payment
This section is revised to read:

Unless specified otherwise the Contracting Agency will pay for no materials received by weight unless they have been weighed as required in this section or as required by another method the Engineer has approved in writing.

The Contractor shall not be compensated for any loss from under weighing that is revealed by scale verification checks.

If scale verification checks reveal that the scale is over weighing, then payment for all material weighed since the last valid scale verification check will be adjusted. The contracting agency will calculate the combined weight of all materials weighed after the last verification check showing accurate results. This combined weight will then be reduced for payment by the percentage of scale error that exceeds 0.5-percent unless the Contractor demonstrates to the satisfaction of the Engineer that the defect in the scale was present for a lesser period of time.

Unit contract prices for the various pay items of the project cover all costs related to weighing and proportioning materials for payment. These costs include but are not limited to:

- furnishing, installing, certifying, and maintaining scales;
- providing a weigher to operate a Contractor provided scale;
- providing a weigher to operate a commercial scale, if necessary;
- providing self-printing tickets, if necessary;
- rerouting a truck for verification weighing;
- assisting the Engineer with scale verification checks;
- any other related costs associated with meeting the requirements of this section.

1-09.9 Payments
The first paragraph is revised to read:

The basis of payment will be the actual quantities of Work performed according to the Contract and as specified for payment.

The Contractor shall submit a breakdown of the cost of lump sum Items to enable the Project Engineer to determine the Work performed on a monthly basis. Lump sum item breakdowns shall be submitted prior to the first progress payment that includes payment for the Bid Item in question. A breakdown is not required for lump sum items that include a basis for incremental payments as part of the respective Specification. Absent a lump sum breakdown the Project Engineer will make a determination based on information available. The Project Engineer’s determination of the cost of work shall be final.
In the third paragraph, the second sentence is deleted.

1-09.11(1A) Disputes Review Board Membership
This section is supplemented with the following new paragraph:

The Contracting Agency and Contractor shall indemnify and hold harmless the Board Members from and against all claims, damages, losses and expenses, including but not limited to attorney’s fees arising out of and resulting from the actions and recommendations of the Board.

SECTION 8-01, EROSION CONTROL AND WATER POLLUTION CONTROL
August 1, 2011

8-01.2 Materials
In the first paragraph, the following is inserted after the first sentence:
8-01.3(1) General
In the sixth paragraph, the first sentence is revised to read:

When natural elements rut or erode the slope, the Contractor shall restore and repair the
damage with the eroded material where possible, and remove and dispose of any remaining
material found in ditches and culverts.

In the seventh paragraph the first two sentences are deleted.

The table in the seventh paragraph is revised to read:

<table>
<thead>
<tr>
<th>Western Washington (West of the Cascade Mountain crest)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>May 1 through September 30</td>
<td>17 Acres</td>
</tr>
<tr>
<td>October 1 through April 30</td>
<td>5 Acres</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eastern Washington (East of the Cascade Mountain crest.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>April 1 through October 31</td>
<td>17 Acres</td>
</tr>
<tr>
<td>November 1 through March 31</td>
<td>5 Acres</td>
</tr>
</tbody>
</table>

The eighth paragraph is revised to read:

The Engineer may increase or decrease the limits based on project conditions.

The ninth paragraph is revised to read:

Erodible earth is defined as any surface where soils, grindings, or other materials may be
capable of being displaced and transported by rain, wind, or surface water runoff.

The 10th paragraph is revised to read:

Erodible earth not being worked, whether at final grade or not, shall be covered within the
specified time period, (see the tables below) using an approved soil covering practice.

<table>
<thead>
<tr>
<th>Western Washington (West of the Cascade Mountain crest)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1 through April 30</td>
<td>2-days maximum</td>
</tr>
<tr>
<td>May 1 to September 30</td>
<td>307-days maximum</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Eastern Washington (East of the Cascade Mountain crest.)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>October 1 through June 30</td>
<td>5-days maximum</td>
</tr>
<tr>
<td>July 1 through September 30</td>
<td>10-days maximum</td>
</tr>
</tbody>
</table>

8-01.3(1)A Submittals
This section is revised to read:

When a Temporary Erosion and Sediment Control (TESC) Plan is included in the Plans,
the Contractor shall either adopt or modify the existing TESC Plan. The Contractor shall
provide a schedule for TESC Plan implementation and incorporate it into the Contractor’s progress schedule. The Contractor shall obtain the Engineer’s approval of the TESC Plan and schedule before any work begins.

Modified TESC Plans shall meet all requirements of Chapter 6, Section 6-2 of the current edition of the WSDOT Highway Runoff Manual. The TESC Plan shall cover all areas the Contractor’s Work may affect inside and outside the limits of the project (including all Contracting Agency provided sources, disposal sites, and haul roads, and all nearby land, streams, and other bodies of water).

The Contractor shall allow at least 5-working days for the Engineer to review any original or revised TESC Plan. Failure to approve all or part of any such Plan shall not make the Contracting Agency liable to the Contractor for any Work delays.

8-01.3(1)B Erosion and Sediment Control (ESC) Lead
The first sentence in the third paragraph is revised to read:

When a TESC Plan is included in the Contract Plans, the ESC Lead shall also inspect all areas disturbed by construction activities, all on-site erosion and sediment control BMP’s, and all stormwater discharge points at least once every calendar week and within 24-hours of runoff events in which stormwater discharges from the site. Inspections of temporarily stabilized, inactive sites may be reduced to once every calendar month.

In the last paragraph, "Form Number 220-030 EF" is revised to read "WSDOT Form Number 220-030 EF".

8-01.3(1)C Water Management
In number 2., the reference to "Standard Specification" is revised to read "Section".

Number 3., is revised to read:

3. Offsite Water
   Prior to disruption of the normal watercourse, the Contractor shall intercept the offsite stormwater and pipe it either through or around the project site. This water shall not be combined with onsite stormwater. It shall be discharged at its pre-construction outfall point in such a manner that there is no increase in erosion below the site. The method for performing this Work shall be submitted by the Contractor for the Engineer’s approval.

8-01.3(1)D Dispersion/Infiltration
This section is revised to read:

Water shall be conveyed only to dispersion or infiltration areas designated in the TESC Plan or to sites approved by the Engineer. Water shall be conveyed to designated dispersion areas at a rate such that, when runoff leaves the area, and enters waters of the State, turbidity standards are achieved. Water shall be conveyed to designated infiltration areas at a rate that does not produce surface runoff.
8-01.3(2)B Seeding and Fertilizing
The fourth paragraph is revised to read:

The seed applied using a hydroseeder shall have a tracer added to visibly aid uniform application. This tracer shall not be harmful to plant, aquatic or animal life. If Short Term Mulch is used as a tracer, the application rate shall not exceed 250-pounds per acre.

In the fifth paragraph, "hydro seeder" is revised to read "hydroseeder".

8-01.3(2)D Mulching
In the second paragraph, the second sentence is revised to read:

Wood strand mulch shall be applied by hand or by straw blower on seeded areas.

In the third paragraph, "1" is revised to read "a single" and "hydro seeder" is revised to read "hydroseeder".

The fourth paragraph is revised to read:

Temporary seed applied outside the application windows established in 8-01.3(2)F shall be covered with a mulch containing either Moderate Term Mulch or Long Term Mulch, as designated by the Engineer.

8-01.3(2)E Tacking Agent and Soil Binders
The following new paragraph is inserted at the beginning of this Section:

Tacking agent or soil binders applied using a hydroseeder shall have a mulch tracer added to visibly aid uniform application. This tracer shall not be harmful to plant, aquatic or animal life. If Short Term Mulch is used as a tracer, the application rate shall not exceed 250-pounds per acre.

The third sentence in the first paragraph below “Soil Binding Using Polyacrylamide (PAM)” is revised to read:

A minimum of 200-pounds per acre of Short Term Mulch shall be applied with the dissolved PAM.

In the second paragraph below “Soil Binding Using Polyacrylamide (PAM)”, “within” is revised to read “after”.

The paragraph “Soil Binding Using Bonded Fiber Matrix (BFM)” including title is revised to read:

Soil Binding Using Moderate Term Mulch
The Moderate Term Mulch shall be hydraulically applied in accordance with the manufacturer’s installation instructions. The Moderate Term Mulch may require a 24 to 48 hour curing period to achieve maximum performance and shall not be applied when precipitation is predicted within 24 to 48 hours, or on saturated soils, as determined by the Engineer.
The last paragraph including titled is revised to read:

**Soil Binding Using Long Term Mulch**
The Long Term Mulch shall be hydraulically applied in accordance with the manufacturer's installation instructions and recommendations.

8-01.3(2)F Dates for Application of Final Seed, Fertilizer, and Mulch
The first paragraph is revised to read:

Unless otherwise approved by the Engineer, the final application of seeding, fertilizing, and mulching of slopes shall be performed during the following periods:

- **Western Washington**
  - (West of the Cascade Mountain crest)
  - March 1 through May 15
  - September 1 through October 1

- **Eastern Washington**
  - (East of the Cascade Mountain crest)
  - October 1 through November 15 only

1 Where Contract timing is appropriate, seeding, fertilizing, and mulching shall be accomplished during the fall period listed above. Written permission to seed after October 1 will only be given when Physical Completion of the project is imminent and the environmental conditions are conducive to satisfactory growth.

8-01.3(2)G Protection and Care of Seeded Areas
The first paragraph is revised to read:

The Contractor shall be responsible to ensure a healthy stand of grass. The Contractor shall restore eroded areas, clean up and properly dispose of eroded materials, and reapply the seed, fertilizer, and mulch, at no additional cost to the Contracting Agency.

In the second paragraph, number 1. is revised to read:

1. At the Contractor's expense, seed, fertilizer and mulch shall be reapplied in areas that have been damaged through any cause prior to final inspection, and reapplied to areas that have failed to receive a uniform application at the specified rate.

8-01.3(2)H Inspection
The first sentence is revised to read:

Inspection of seeded areas will be made upon completion of seeding, temporary seeding, fertilizing, and mulching.

The third sentence is revised to read:

Areas that have not received a uniform application of seed, fertilizer, or mulch at the specified rate, as determined by the Engineer, shall be reseeded, refertilized, or remulched at the Contractor's expense prior to payment.
8-01.3(2) Mowing
In the first paragraph, the last sentence is revised to read:

Trimming around traffic facilities, Structures, planting areas, or other features extending above ground shall be accomplished preceding or simultaneously with each mowing.

8-01.3(3) Placing Erosion Control Blanket
In the first sentence, "Standard" is deleted.

The second sentence is revised to read:

Temporary erosion control blankets, having an open area of 60-percent or greater, may be installed prior to seeding.

8-01.3(4) Placing Compost Blanket
In the first paragraph, "before" is revised to read "prior to".

The last sentence is revised to read:

Compost shall be Coarse Compost.

8-01.3(5) Placing Plastic Covering
The first sentence is revised to read:

Plastic shall be placed with at least a 12-inch overlap of all seams.

8-01.3(6)A Geotextile-Encased Check Dam
The first paragraph is deleted.

8-01.3(6)B Rock Check Dam
This section including title is revised to read:

8-01.3(6)B Quarry Spall Check Dam
The rock used to construct rock check dams shall meet the requirements for quarry spalls.

8-01.3(6)D Wattle Check Dam
This section is revised to read:

Wattle check dams shall be installed in accordance with the Plans.

8-01.3(6)E Coir Log
This section is revised to read:

Coir logs shall be installed in accordance with the Plans.

8-01.3(9)A Silt Fence
In the second paragraph, the second sentence is revised to read:
The strength of the wire or plastic mesh shall be equivalent to or greater than what is required in Section 9-33.2(1), Table 6 for unsupported geotextile (i.e., 180 lbs. grab tensile strength in the machine direction).

8-01.3(9)B Gravel Filter, Wood Chip or Compost Berm
In the second paragraph, the last sentence is deleted.

The third paragraph is revised to read:

The Compost Berm shall be constructed in accordance with the detail in the Plans. Compost shall be Coarse Compost.

8-01.3(9)C Straw Bale Barrier
This section is revised to read:

Straw Bale Barriers shall be installed in accordance with the Plans.

8-01.3(9)D Inlet Protection
The first three paragraphs are revised to read:

Inlet protection shall be installed below or above, or as a prefabricated cover at each inlet grate, as shown in the Plans. Inlet protection devices shall be installed prior to beginning clearing, grubbing, or earthwork activities.

Geotextile fabric in all prefabricated inlet protection devices shall meet or exceed the requirements of Section 9-33.2, Table 1 for Moderate Survivability, and the minimum filtration properties of Table 2.

When the depth of accumulated sediment and debris reaches approximately \( \frac{1}{2} \) the height of an internal device or \( \frac{1}{2} \) the height of the external device (or less when so specified by the manufacturers) or as designated by the Engineer, the deposits shall be removed and stabilized on site in accordance with Section 8-01.3(16).

8-01.3(10) Wattles
In the first paragraph, the third sentence is revised to read:

Excavated material shall be spread evenly along the uphill slope and be compacted using hand tamping or other method approved by the Engineer.

This section is supplemented with the following new paragraph:

The Contractor shall exercise care when installing wattles to ensure that the method of installation minimizes disturbance of waterways and prevents sediment or pollutant discharge into waterbodies.

8-01.3(12) Compost Sock
In the first paragraph, "sock" is revised to read "socks" and "streambed" is revised to read "waterbodies".
In the second paragraph "bank" is revised to read "slope".

In the third paragraph "and" is revised to read "or".

This section is supplemented with the following new paragraph:

Compost for Compost Socks shall be Coarse Compost.

8-01.3(14) Temporary Pipe Slope Drain
The first paragraph is revised to read:

Temporary pipe slope drain shall be Corrugated Polyethylene Drain Pipe and shall be constructed in accordance with the Plans.

The last paragraph is revised to read:

Placement of outflow of the pipe shall not pond water on road surface.

8-01.3(15) Maintenance
In the fourth paragraph, the last sentence is revised to read:

Clean sediments may be stabilized on site using approved BMPs as approved by the Engineer.

8-01.3(16) Removal
In the second paragraph, the last sentence is revised to read:

This may include, but is not limited to, ripping the soil, incorporating soil amendments, and seeding with the specified seed.

8-01.4 Measurement
The eighth paragraph is revised to read:

Silt fence, gravel filter, compost berms, and wood chip berms will be measured by the linear foot along the ground line of completed barrier.

8-01.5 Payment
The following bid items are relocated after the bid item "Check Dam":

"Inlet Protection", per each.

"Gravel Filter Berm", per linear foot.

The following new paragraph is inserted before the bid item "Stabilized Construction Entrance":

The unit Contract price per linear foot for "Check Dam" and "Gravel Filter Berm" and per each for "Inlet Protection" shall be full pay for all equipment, labor and materials to perform the Work as specified, including installation, removal and disposal at an approved disposal site.
The paragraph after the bid item "Temporary Curb" is revised to read:

The unit Contract price per linear foot for “Temporary Curb” shall include all costs to install, maintain, remove, and dispose of the temporary curb.

The following bid item is inserted after the bid item “Mulching with Pam”:

“Mulching with Short Term Mulch”, per acre.

The bid item “Mulching with BFM” is revised to read:

“Mulching with Moderate Term Mulch”

The bid item “Mulching with MBFM/FRM” is revised to read:

“Mulching with Long Term Mulch”

SECTION 8-21, PERMANENT SIGNING
August 1, 2011

8-21.3(4) Sign Removal
In the fourth paragraph, the following sentence is inserted after the second sentence:

Where signs are removed from existing overhead sign Structures, the existing vertical sign support braces shall also be removed.
In the fourth paragraph, the third sentence is revised to read:

Aluminum signs, wood signs, wood sign posts, wood structures, metal sign posts, wind beams, and other metal structural members, and all existing fastening hardware connecting such members being removed, shall become the property of the Contractor and shall be removed from the project.

8-21.3(9)F Foundations
In the ninth paragraph, the following new statement is inserted as number 1. Existing numbers 1 through 6 of the ninth paragraph shall be renumbered to 2 through 7.

1. Foundation excavations shall conform to the requirements of Section 2-09.3(3).

In the tenth paragraph, item number 2 is revised to read:

2. Steel reinforcement, including spiral reinforcing, shall conform to Section 9-07.2.

In the tenth paragraph, item number 3 is revised to read:

3. Unless otherwise shown in the Plans, the concrete shall be commercial grade concrete.

8-21.3(9)G Identification Plates
This section including title is revised to read:

8-21.3(9)G Sign Structure Identification Information
Whenever existing bridge mounted sign brackets, cantilever sign structures, or sign bridge structures are removed from their anchorage, whether temporary or permanent, the Contractor shall provide the sign structure identification information, attached to the sign structures, to the Engineer. The identification information may be in the form of a riveted plate, sticker, or other means.

8-21.3(12) Steel Sign Posts
This section is supplemented with the following:

For roadside sign structures on SB-1, SB-2, or SB-3 slip bases, the Contractor shall use the following procedures and manufacturer’s recommendations:

1. The Contractor shall assemble the perforated square steel post or solid square steel post to the upper slip plate with bolts, nuts, and washers as shown in the Plans.

2. The three bolts connecting the upper and lower slip plates shall be tightened using as a torque wrench to the torque, following the procedures in the Plans.

For roadside structures on ST-2 and ST-4 sign supports, the Contractor shall use the following procedures:

1. The Contractor shall assemble the perforated square steel post to the lower sign post support with bolts, nuts, and washers as shown i
# GENERAL TRAFFIC CONTROL SIGN SPECIFICATIONS

<table>
<thead>
<tr>
<th>SIGN NO.</th>
<th>MUTCD SIGN #</th>
<th>LOCATION</th>
<th>SIGN SIZE</th>
<th>SHEET SIZE</th>
<th>POST MATERIAL</th>
<th>POST SIZE</th>
<th>POST # LOCATION</th>
<th>CLEARANCE</th>
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<tbody>
<tr>
<td>1</td>
<td>W2-1</td>
<td>TERRACE HIGHS DR., 300 FT EAST OF 5, 17TH ST.</td>
<td>40&quot; x 60&quot;</td>
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<td>TERRACE HIGHS DR., 145 FT EAST OF 3, 17TH ST.</td>
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<td>WOOD</td>
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<td>4&quot; x 4&quot;</td>
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<td>WOOD</td>
<td>4&quot; x 4&quot;</td>
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</table>

*NOTE: POST LENGTHS SHOWN ARE APPROXIMATE. FINAL VALUES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.*

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### Notes:
1. MUTCD (Manual on Uniform Traffic Control Devices).
2. For structure and mounting details, see Standard Plans for Road and Bridge Construction, Series 6.
4. Distance from the existing shoulders, or face of curb, to the sign post.
5. All signs, posts, and any other traffic control devices shall be supplied, erected, and maintained by the contractor.
6. The posts shall not protrude above the signs.

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**Typical Sign Installation**

![Typical Sign Installation Diagram](image-url)