



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

October 22, 2009

SUBJECT: GENERAL DACEY TRAIL  
Project TCSP-IL08(021)  
Section 08-00048-00-BT (Shelbyville)  
Shelby County  
Contract No. 95582  
Item 160  
November 6, 2009 Letting  
Addendum (A)

TO PROSPECTIVE BIDDERS:

Due to clarify information necessary to revise the following:

**Proposal – Page 2, 3 & 4 of the Schedule of Prices, Index of Special Provisions, BDE Special Provision Index, pages 4, 10, 11, 12 & 74 of the special provisions, added pages 22A, 22B, 52A & 71A to the special provisions.**

**Plans – Sheet 2, 9, 20, 21, 22, 23, 24, 25 & 27.**

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Charles Ingersoll  
Engineer of Design and Environment

A handwritten signature in cursive script, reading "Ted B. Walschleger" followed by the letters "DE" in a small box.

By: Ted B. Walschleger  
Engineer of Project Development  
and Implementation

GENERAL  
08-00048-00-BT (SHELBYVILLE)  
SHELBY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF PRICES  
CONTRACT NUMBER - 95582

ECMS002 DTGECM03 ECMR003 PAGE 2  
RUN DATE - 10/21/09  
RUN TIME - 183300

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
25000500	PHOSPHORUS FERT NUTR	POUND	90.000 X				
25000600	POTASSIUM FERT NUTR	POUND	90.000 X				
25100115	MULCH METHOD 2	ACRE	1.000 X				
25100120	MULCH METHOD 2	TON	1.000 X				
28000250	TEMP EROS CONTR SEED	POUND	500.000 X				
28000300	TEMP DITCH CHECKS	EACH	10.000 X				
28000400	PERIMETER EROS BAR	FOOT	300.000 X				
28000500	INLET & PIPE PROTECT	EACH	7.000 X				
28100207	STONE RIPRAP CL A4	TON	100.000 X				
28100208	STONE RIPRAP CL A4 SP	TON	1,128.000 X				
28200200	FILTER FABRIC	SQ YD	1,801.000 X				
35100100	AGG BASE CSE A	TON	1,360.000 X				
35101400	AGG BASE CSE B	TON	731.000 X				
40300100	BIT MATLS PR CT	GALLON	2,278.000 X				
40300300	BIT MATLS C&S CT	GALLON	4,434.000 X				

Revised 10-22-09

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 08-00048-00-BT (SHELBYVILLE)  
 SHELBY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SCHEDULE OF PRICES  
 CONTRACT NUMBER - 95582

ECMS002 DTGECM03 ECMR003 PAGE 3  
 RUN DATE - 10/21/09  
 RUN TIME - 183300

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
40300600	SEAL COAT AGG	TON	178.000 X	=		=	
42400200	PC CONC SIDEWALK 5	SQ FT	272.000 X	=		=	
42400800	DETECTABLE WARNINGS	SQ FT	40.000 X	=		=	
44000600	SIDEWALK REM	SQ FT	1,988.000 X	=		=	
542D0213	P CUL CL D 1 8	FOOT	64.000 X	=		=	
542D0215	P CUL CL D 1 10	FOOT	80.000 X	=		=	
542D0220	P CUL CL D 1 15	FOOT	32.000 X	=		=	
542D1069	P CUL CL D 2 24	FOOT	38.000 X	=		=	
542D1087	P CUL CL D 2 42	FOOT	36.000 X	=		=	
54215577	MET END SEC 42	EACH	2.000 X	=		=	
66400105	CH LK FENCE 4	FOOT	195.000 X	=		=	
66400805	CH LK GATE 4X5 SINGL	EACH	1.000 X	=		=	
67100100	MOBILIZATION	L SUM	1.000 X	=		=	
72000100	SIGN PANEL T1	SQ FT	36.000 X	=		=	
78001110	PAINT PVT MK LINE 4	FOOT	500.000 X	=		=	

Revised 10-22-09

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SHELBY

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SCHEDULE OF PRICES  
CONTRACT NUMBER - 95582

ECMS002 DTGECM03 ECMR003 PAGE 4  
RUN DATE - 10/21/09  
RUN TIME - 183300

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
78001130	PAIN T PVT MK LINE 6	FOOT	52.000 X		=		
78001180	PAIN T PVT MK LINE 24	FOOT	13.000 X		=		
78001300	PT PVT MK L&S APPLIED	SQ FT	9.200 X		=		

TOTAL \$

NOTE:

1. EACH PAY ITEM SHOULD HAVE A UNIT PRICE AND A TOTAL PRICE.
2. THE UNIT PRICE SHALL GOVERN IF NO TOTAL PRICE IS SHOWN OR IF THERE IS A DISCREPANCY BETWEEN THE PRODUCT OF THE UNIT PRICE MULTIPLIED BY THE QUANTITY.
3. IF A UNIT PRICE IS OMITTED, THE TOTAL PRICE WILL BE DIVIDED BY THE QUANTITY IN ORDER TO ESTABLISH A UNIT PRICE.
4. A BID MAY BE DECLARED UNACCEPTABLE IF NEITHER A UNIT PRICE NOR A TOTAL PRICE IS SHOWN.

*Revised 10-22-09*

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**BDE SPECIAL PROVISIONS**  
For the November 6, 2009 Letting

The following special provisions indicated by an "X" are applicable to this contract. An \* indicates a new or revised special provision for the letting.

<u>File Name</u>	<u>Pg#</u>		<u>Special Provision Title</u>	<u>Effective</u>	<u>Revised</u>
80240			Above Grade Inlet Protection	July 1, 2009	
80099			Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2007
80186			Alkali-Silica Reaction for Cast-in-Place Concrete	Aug. 1, 2007	Jan. 1, 2009
80213	28	X	Alkali-Silica Reaction for Precast and Precast Prestressed Concrete	Jan. 1, 2009	
80243			American Recovery and Reinvestment Act Provisions	April 1, 2009	
80236			American Recovery and Reinvestment Act Signing	April 1, 2009	April 15, 2009
80207	31	X	Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas Inside Illinois State Borders	Nov. 1, 2008	
80192			Automated Flagger Assistance Device	Jan. 1, 2008	
80173			Bituminous Materials Cost Adjustments	Nov. 2, 2006	April 1, 2009
80241			Bridge Demolition Debris	July 1, 2009	
50261			Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50481			Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50491			Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	Jan. 1, 2007
50531			Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	Jan. 1, 2007
80166	32	X	Cement	Jan. 1, 2007	April 1, 2009
80198			Completion Date (via calendar days)	April 1, 2008	
80199			Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80094	35	X	Concrete Admixtures	Jan. 1, 2003	April 1, 2009
80193			Concrete Barrier	Jan. 1, 2008	
80214			Concrete Gutter, Type A	Jan. 1, 2009	
80215			Concrete Joint Sealer	Jan. 1, 2009	
80226			Concrete Mix Designs	April 1, 2009	
80237	39	X	Construction Air Quality – Diesel Vehicle Emissions Control	April 1, 2009	July 1, 2009
80239	41	X	Construction Air Quality – Idling Restrictions	April 1, 2009	
80227			Determination of Thickness	April 1, 2009	
80177			Digital Terrain Modeling for Earthwork Calculations	April 1, 2007	
80029	43	X	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Nov. 1, 2008
80178			Dowel Bars	April 1, 2007	Jan. 1, 2008
80179			Engineer's Field Office Type A	April 1, 2007	Aug. 1, 2008
80205			Engineer's Field Office Type B	Aug. 1, 2008	
80175			Epoxy Pavement Markings	Jan. 1, 2007	
80189	51	X	Equipment Rental Rates	Aug. 2, 2007	Jan. 2, 2008
* 80244	52A	X	Filter Fabric	Nov. 1, 2009	
80228			Flagger at Side Roads and Entrances	April 1, 2009	
* 80229			Fuel Cost Adjustment	April 1, 2009	July 1, 2009
80169			High Tension Cable Median Barrier	Jan 1, 2007	April 1, 2009
80194			HMA – Hauling on Partially Completed Full-Depth Pavement	Jan. 1, 2008	
* 80245			Hot-Mix Asphalt – Anti-Stripping Additive	Nov. 1, 2009	
80181			Hot-Mix Asphalt – Field Voids in the Mineral Aggregate	April 1, 2007	April 1, 2008
80201			Hot-Mix Asphalt – Plant Test Frequency	April 1, 2008	
80202			Hot-Mix Asphalt – Transportation	April 1, 2008	
80136			Hot-Mix Asphalt Mixture IL-4.75	Nov. 1, 2004	Jan. 1, 2008
80195			Hot-Mix Asphalt Mixture IL-9.5L	Jan. 1, 2008	
80109			Impact Attenuators	Nov. 1, 2003	Nov. 1, 2008
80110			Impact Attenuators, Temporary	Nov. 1, 2003	Jan. 1, 2007
80230	53	X	Liquidated Damages	April 1, 2009	
80196			Mast Arm Assembly and Pole	Jan. 1, 2008	Jan. 1, 2009
80045			Material Transfer Device	June 15, 1999	Jan. 1, 2009
80203			Metal Hardware Cast into Concrete	April 1, 2008	April 1, 2009
80165			Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2007
80238		X	Monthly Employment Report	April 1, 2009	
80082			Multilane Pavement Patching	Nov. 1, 2002	

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File Name	Pg#		Special Provision Title	Effective	Revised
* 80180	54	X	National Pollutant Discharge Elimination System/Erosion and Sediment Control Deficiency Deduction (NOTE: This special provision was previously named "Erosion and Sediment Control Deficiency Deduction".)	April 1, 2007	Nov. 1, 2009
80208			Nighttime Work Zone Lighting	Nov. 1, 2008	
80129			Notched Wedge Longitudinal Joint	July 1, 2004	Jan. 1, 2007
80182			Notification of Reduced Width	April 1, 2007	
80069			Organic Zinc-Rich Paint System	Nov. 1, 2001	Jan. 1, 2008
80216			Partial Exit Ramp Closure for Freeway/Expressway	Jan. 1, 2009	
80231			Pavement Marking Removal	April 1, 2009	
80022	56	X	Payments to Subcontractors	June 1, 2000	Jan. 1, 2006
80235	58	X	Payrolls and Payroll Records	March 1, 2009	July 1, 2009
80209	60	X	Personal Protective Equipment	Nov. 1, 2008	
80232	61	X	Pipe Culverts	April 1, 2009	
80134			Plastic Blockouts for Guardrail	Nov. 1, 2004	Jan. 1, 2007
80119			Polyurea Pavement Marking	April 1, 2004	Jan. 1, 2009
80210			Portland Cement Concrete Inlay or Overlay	Nov. 1, 2008	
80170			Portland Cement Concrete Plants	Jan. 1, 2007	
80217			Post Clips for Extruded Aluminum Signs	Jan. 1, 2009	
80171			Precast Handling Holes	Jan. 1, 2007	
80218			Preventive Maintenance – Bituminous Surface Treatment	Jan. 1, 2009	April 1, 2009
80219			Preventive Maintenance – Cape Seal	Jan. 1, 2009	April 1, 2009
80220			Preventive Maintenance – Micro-Surfacing	Jan. 1, 2009	
80221			Preventive Maintenance – Slurry Seal	Jan. 1, 2009	
80211			Prismatic Curb Reflectors	Nov. 1, 2008	
80015			Public Convenience and Safety	Jan. 1, 2000	
34261			Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157			Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
* 80247			Raised Reflective Pavement Markers	Nov. 1, 2009	
80223			Ramp Closure for Freeway/Expressway	Jan. 1, 2009	
80172			Reclaimed Asphalt Pavement (RAP)	Jan. 1, 2007	April 1, 2009
80183	65	X	Reflective Sheeting on Channelizing Devices	April 1, 2007	Nov. 1, 2008
80151			Reinforcement Bars	Nov. 1, 2005	April 1, 2009
80206			Reinforcement Bars – Storage and Protection	Aug. 1, 2008	April 1, 2009
80224			Restoring Bridge Approach Pavements Using High-Density Foam	Jan. 1, 2009	
80184			Retroreflective Sheeting, Nonreflective Sheeting, and Translucent Overlay Film for Highway Signs	April 1, 2007	
80131	66	X	Seeding	July 1, 2004	July 1, 2009
80152			Self-Consolidating Concrete for Cast-In-Place Construction	Nov. 1, 2005	Jan. 1, 2009
80132	69	X	Self-Consolidating Concrete for Precast Products	July 1, 2004	Jan. 1, 2007
80212			Sign Panels and Sign Panel Overlays	Nov. 1, 2008	
80197	71	X	Silt Filter Fence	Jan. 1, 2008	
80127			Steel Cost Adjustment	April 2, 2004	April 1, 2009
80153			Steel Plate Beam Guardrail	Nov. 1, 2005	Aug. 1, 2007
80191	71A	X	Stone Gradation Testing	Nov. 1, 2007	
80234			Storm Sewers	April 1, 2009	
80143	72	X	Subcontractor Mobilization Payments	April 2, 2005	
80075			Surface Testing of Pavements	April 1, 2002	Jan. 1, 2007
* 80087	73	X	Temporary Erosion Control	Nov. 1, 2002	Nov. 1, 2009
80225			Temporary Raised Pavement Marker	Jan. 1, 2009	
80176			Thermoplastic Pavement Markings	Jan. 1, 2007	
20338			Training Special Provisions	Oct. 15, 1975	
80185			Type ZZ Retroreflective Sheeting, Nonreflective Sheeting, and Translucent Overlay Film for Highway Signs	April 1, 2007	
80149			Variable Spaced Tining	Aug. 1, 2005	Jan. 1, 2007
80071	74	X	Working Days	Jan. 1, 2002	
80204			Woven Wire Fence	April 1, 2008	

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### **FURNISHED EXCAVATION**

After completing the earth excavation operation furnished excavation shall be done in accordance with this special provision and the Standard Specifications.

Furnished excavation materials shall be furnished by the city of Shelbyville at the location shown on the plan page.

The contractor will be required to load, haul, spread, and compact the furnished excavation soil to be used as the Bike Trail fill and subgrade courses. The construction shall be in accordance with Sections 204, 205, 301& LRS2 of the Standard Specifications for Road and Bridge Construction.

All work required by this special provision shall be included in the cost of the pay item "Furnished Excavation" and no additional compensation shall be allowed.

### **REMOVAL OF UNCLASSIFIED MATERIAL:**

The existing pipe culverts and other unclassified materials such as rubble, tree limbs, rubbish, stones, etc. shall be removed from the jobsite

This work will not be paid for separately, but shall be considered as included in the cost of the Earth Excavation, and no additional compensation will be allowed.

### **PERMANENT SEEDING**

Permanent Seeding: All seeding will be done on this project in accordance with article 250.07 note 7 of the Standard Specifications.

If the permanent seeding cannot be completed as outlined in article 250.07 note 7 of the Standard Specifications the Contractor shall temporary seed all disturbed areas using Class 7 mix. Other erosion control features may be required as directed by the Engineer. The cost of complying with this Special Provision shall be included in the contract except where outlined in this Special Provision.

### **MULCH METHOD 2 :**

This work shall be done in accordance with Section 251 of the Standard Specifications.

Mulching shall be done using Method 2 Procedure (2).

For Procedure (2) the Mulch Binder shall be mixed at the rate of 7 pounds of Mulch Binder per 50 gallons of water or as per the manufacturer's recommendation. The mixture of water and Mulch Binder shall be applied at the rate of 75 gallons per ton of Mulch.

Mulch Method 2 by the Acre is to be used to mulch all of the Class 2 seeding.



## **BOLLARDS**

Removable Bollards shall be placed in locations shown on the contract plans or as directed by the Engineer.

The removable Bollards shall be TRAFFIC GUARD-DIRECT traffic guard round post lock model RPL 4 with a post height of 36 inches or approved equal.

The contractor shall install the Bollards in accordance with the manufacturer's recommendations.

Prior to ordering the Bollards the contractor shall furnish the Engineer two copies of the manufacturer's drawings, specifications and installation instructions for final approval.

The cost to comply with this Special Provision shall included in the contract unit price per each of BOLLARDS and no additional compensation will be allowed the contractor.

## **BICYCLE RACK:**

The contractor shall place two bicycle racks at locations to be determined by the Engineer in the field.

The bicycle rack shall be a LITCHFIELD MODEL # 9541 recycled plastic double bike rack 10 foot long or approved equal.

The contractor shall install the bicycle racks in accordance with then manufacturer's recommendations.

The contractor shall furnish the Engineer two copies of the manufacturer's drawings and specifications for the approval prior to ordering the bicycle racks.

The cost to comply with this special provision shall be included in contract unit cost per each of BICYCLE RACK and no additional compensation will be allowed the contractor.

**FITNESS EQUIPMENT COMPLETE:**

The contractor shall construct a fitness center in accordance with the detail "FITNESS CENTER GENERAL NOTES" on Page 12 of these special provisions.

The contractor shall submit to the Engineer two copies of the manufacturer's drawings, specifications and installation instructions for final approval before installing any component of the fitness center as outlined in the detail.

The contractor shall install the fitness center as outlined in the manufacturer's instructions and as directed by the Engineer.

The cost of complying with this Special Provision and the enclosed detail shall be included in the contract unit price per 1.0 lump sum for FITNESS EQUIPMENT COMPLETE and no additional compensation will be allowed the contractor.

**CHAIN LINK FENCE:**

Chain link fence shall be constructed in a 50 foot by 50 foot square around the proposed "Fitness Center". A 5 foot single entry gate shall be placed at the location where the sidewalk meets the proposed "Fitness Center".

The chain link fence shall be constructed in accordance with the applicable parts of Section 664 of the Standard Specifications for Road and Bridge

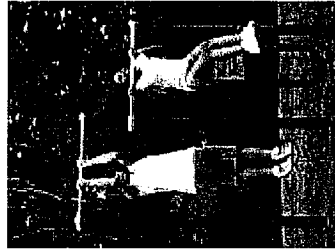
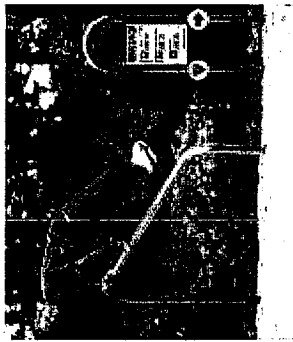
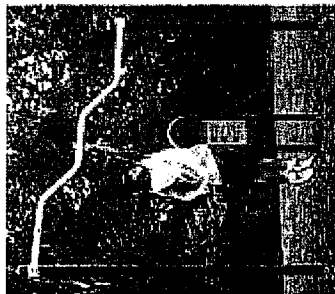
**U.S. ARMY CORPS OF ENGINEERS DATA COLLECTION STATIONS:**

WITHIN THE PROJECT LIMITS THERE MAY EXIST VAULTED INSTRUMENT STATIONS, DATA COLLECTION STATIONS, SURVEY MARKER POINTS, ETC. THESE POINTS/STATIONS ARE VITAL TO THE DATA COLLECTION ACTIVITIES OF THE U.S. CORPS OF ENGINEERS SHELBYVILLE DAM OPERATIONS. EVEN THE SIGHTEST CONTACT BY MACHINERY OR EQUIPMENT COULD RESULT IN THE IRRECOVERABLE LOSS OF HISTORIC DATA.

THESE POINTS/STATIONS WILL BE CLEARLY MARKED AS "STAY CLEAR" AREAS BY THE CORPS OF ENGINEERS AND THE RESIDENT ENGINEER PRIOR TO THE START OF CONSTRUCTION.

IT WILL BE THE CONTRACTORS RESPONSIBILITY TO REMAIN CLEAR OF THESE MARKED AREAS AT ALL TIMES.

THE COST OF COMPLYING WITH THIS SPECIAL PROVISION SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED



**WorldTrail Stations (Typical Workout Stations)**  
**[www.playworldsystems.com](http://www.playworldsystems.com)**  
**1-570-522-9800**

**FITNESS CENTER GENERAL NOTES:**

1. Fitness Center workout stations are supplied by the City of Shelbyville. Contractor will be required to install workout stations, gravel drainage system, wood fiber surface material, geotextile fabric, and curbing and foundations. Layout shall be as instructed by Field Engineer in an area approximately 50 feet x 50 feet.
2. There are fifteen (15) workout stations provided and are typically depicted as shown above. Each station shall be installed in concrete footings as per manufacturer instructions.
3. Above ground 8 inch curbing surrounding Fitness Center Area shall be black in color (Model Number 4850 – “GameTime” 1-800-235-2440 [www.gametime.com](http://www.gametime.com), or approved equal), installed and anchored with concrete footings in accordance with manufacturer’s instruction.
4. Engineered Wood Fiber surface shall be 8 inches in depth (“GTIMPAX FIBER” by “GameTime 1-800-235-2440 [www.gametime.com](http://www.gametime.com), or approved equal). Fiber shall be installed over Geotextile Fabric (“GT Impax Geotextile Fabric by “GameTime” 1-800-235-2440 [www.gametime.com](http://www.gametime.com), or approved equal).
5. Drainage system shall consist of 24inch wide by 3 inch deep gravel pockets on 6 foot centers. Longitudinal drains at a slope of 1% (min) and shall daylight outside fitness area. Geotextile fabric shall be placed above and below gravel pockets.

### **STONE RIPRAP, CLASS A4**

**Description.** This work shall consist of furnishing, transporting and placing a protective course of stone laid as riprap at locations as shown on the plans and as directed by the Engineer. The riprap shall be a minimum of 16 inches thick. Bedding shall be a minimum of 6 inches thick. Filter fabric will be required.

**Materials.** The material used for riprap shall be stone conforming to Quality Designation A of Article 1005.01(b) of the Standard Specifications.

The material used for riprap shall conform to Gradation Number RR 4 of Article 1005.01 of the Standard Specifications.

The material used for bedding shall conform to Gradation Number RR 1 of Article 1005.01 of the Standard Specifications.

**Construction Requirements.** Foundation preparation and placing shall be done in accordance with Articles 281.03 and 281.04 of the Standard Specifications and as shown on the plans. The layout of the riprap may be varied in the field to suit existing ground conditions as directed by the Engineer.

**Basis of Payment.** This work will be paid for at the contract unit price per ton for STONE RIPRAP, CLASS A4, which price shall include all materials, excavation, bedding and labor necessary to complete the work. The bedding material will not be measured for payment and shall be included in the contract unit price per ton for Stone Riprap, Class A4. Filter Fabric will be paid for at the contract unit price per square yard for FILTER FABRIC.

Any delay or inconvenience caused the contractor in complying with this Special Provision will be included in the contract unit price per ton for Stone Riprap, Class A4 and no additional compensation will be allowed.

### **STONE RIPRAP, CLASS A4 SPECIAL**

**DESCRIPTION :** Stone Riprap A4 Special is to be furnished by the Owner and stockpiled at the skating area parking lot (See Plan Sheet ). The contractor will be required to load, weigh, haul, place, excavate, spread, compact, and grade the stockpiled aggregate to be used as a protective stone riprap course at locations shown in the contract plans and as directed by the engineer. This Riprap shall be a minimum of 16 inches thick. Bedding shall be a minimum of 6 inches thick. Filter fabric will be required. All of the Stone Riprap class A4 (special) that is stockpiled shall be used before any of the Stone Riprap Class A4 is hauled to the project.

The contractor will be required to furnish the required bedding.

**MATERIALS:** The material used for bedding shall conform to Gradation Number RR 1 of Article 1005.01 of the Standard Specifications.

**Construction Requirements.** Foundation preparation and placing shall be done in accordance with Articles 281.03 and 281.04 of the Standard Specifications and as shown on the plans. The layout of the riprap may be varied in the field to suit existing ground conditions as directed by the Engineer.

**Basis of Payment.** This work will be paid for at the contract unit price per ton for STONE RIPRAP, CLASS A4,(SPECIAL) which price shall include all excavation, loading, weighing , hauling, placing, spreading, grading bedding materials, and labor necessary to complete the work. The bedding material will not be measured for payment and shall be included in the contract unit price per ton for Stone Riprap, Class A4 ( SPECIAL). Filter Fabric will be paid for at the contract unit price per square yard for FILTER FABRIC.

Any delay or inconvenience caused the contractor in complying with this Special Provision will be included in the contract unit price per ton for Stone Riprap, Class A4 ( SPECIAL )and no additional compensation will be allowed the contractor.

**FILTER FABRIC (BDE)**

Effective: November 1, 2009

Revise the physical property tables in Article 1080.03 of the Standard Specifications to read:

"Physical Properties	Gradation 4 & 5	Gradation 6 & 7
Weight of Fabric (oz/sq yd), ASTM D 3776 (Mod.)	6.0	8.0
Burst Strength (psi), ASTM D 3786 <sup>1/</sup>	250	300
Trapezoidal Tear Strength (lb), ASTM D 5733 <sup>2/</sup>	60	75
Grab Tensile Strength (lb), ASTM D 4632 <sup>2/</sup>	160	200
Grab Tensile Elongation (%), ASTM D 4632 <sup>2/</sup>	50	50

Physical Properties (Metric)	Gradation 4 & 5	Gradation 6 & 7
Weight of Fabric (g/sq m), ASTM D 3776 (Mod.)	200	270
Burst Strength (kPa), ASTM D 3786 <sup>1/</sup>	1720	2070
Trapezoidal Tear Strength (N), ASTM D 5733 <sup>2/</sup>	265	335
Grab Tensile Strength (N), ASTM D 4632 <sup>2/</sup>	700	900
Grab Tensile Elongation (%), ASTM D 4632 <sup>2/</sup>	50	50

1/ Manufacturer's certification of fabric to meet requirements.

2/ Test sample shall be tested wet."

80244

*Added 10-22-09*

*52A*

**STONE GRADATION TESTING (BDE)**

Effective: November 1, 2007

Revise the first sentence of note 1/ of the Erosion Protection and Sediment Control Gradations table of Article 1005.01(c)(1) of the Standard Specifications to read:

"A maximum of 15 percent of the total test sample by weight may be oversize material."

80191

*Added 10-22-09*

*71A*

**WORKING DAYS (BDE)**

Effective: January 1, 2002

The Contractor shall complete the work within 60 working days.

80071

Revised 10-22-09