

ENGINEERS 'S ESTIMATE**State of Alaska
Department of Transportation
& Public Facilities
Central Region**Standard Highway Contract Items
Standard Specifications for Highway Construction, 2004 Edition
AKSAS No.: 55000
Federal No.: Federally
Version ID: 38561
Printed: 9/11/2012 5:24:45 PM**Basic Bid**

<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
201(1A)	Clearing	1	Acre	1.00	1.00
201(1B)	Clearing	All required	Lump Sum	1.00	1.00
201(2A)	Grubbing	1	Acre	1.00	1.00
201(2B)	Grubbing	All required	Lump Sum	1.00	1.00
201(3A)	Clearing And Grubbing	1	Acre	1.00	1.00
201(3B)	Clearing And Grubbing	All required	Lump Sum	1.00	1.00
201(4A)	Hand Clearing	1	Acre	1.00	1.00
201(4B)	Hand Clearing	All required	Lump Sum	1.00	1.00
201(5)	Clearing And Grubbing Material Sources	1	Acre	1.00	1.00
201(6)	Selective Tree Removal	1	Each	1.00	1.00
202(1)	Removal Of Structures And Obstructions	All required	Lump Sum	1.00	1.00
202(2)	Removal Of Pavement	1	Square Yard	1.00	1.00
202(3)	Removal Of Sidewalk	1	Square Yard	1.00	1.00
202(4)	Removal Of Culvert Pipe	1	Linear Foot	1.00	1.00
202(5)	Removal Of Sanitary Sewer Pipe	1	Linear Foot	1.00	1.00
202(6)	Removal Of Manhole	1	Each	1.00	1.00
202(7)	Removal Of Junction Box	1	Each	1.00	1.00
202(8)	Removal Of Inlet	1	Each	1.00	1.00
202(9)	Removal Of Curb And Gutter	1	Linear Foot	1.00	1.00
202(10)	Single Mail Box Installation	1	Each	1.00	1.00
202(11)	Multiple Mail Box Installation	1	Each	1.00	1.00
202(12)	Double Mail Box Installation	1	Each	1.00	1.00
203(1)	Common Excavation	1	Cubic Yard	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
203(2)	Rock Excavation	1	Cubic Yard	1.00	1.00
203(3)	Unclassified Excavation	1	Cubic Yard	1.00	1.00
203(4)	Muck Excavation	1	Cubic Yard	1.00	1.00
203(5)	Borrow	1	Cubic Yard	1.00	1.00
203(6)	Borrow	1	Ton	1.00	1.00
203(7)	Borrow	1	Cubic Yard Vehicle Measure	1.00	1.00
203(8)	Stripping Material Sources	1	Cubic Yard	1.00	1.00
203(9)	Obliteration Of Roadway	1	Square Yard	1.00	1.00
203(10)	Controlled Blasting	1	Linear Foot	1.00	1.00
203(11)	Ditchline/Subgrade Blasting	1	Square Yard	1.00	1.00
203(12)	Drain Holes	1	Linear Foot	1.00	1.00
203(13)	Stabilization - Rock Bolt	1	Each	1.00	1.00
203(14)	Stabilization - Rock Dowel	1	Each	1.00	1.00
203(15)	Stabilization - Shotcrete	1	Square Yard	1.00	1.00
203(16)	Rockfall Mitigation - Rock Fence	1	Linear Foot	1.00	1.00
203(17)	Rockfall Mitigation - Wire Mesh	1	Square Yard	1.00	1.00
203(18)	Rockfall Mitigation - Cable Mesh	1	Square Yard	1.00	1.00
204(1)	Structure Excavation	1	Cubic Yard	1.00	1.00
205(1)	Excavation For Structures	1	Cubic Yard	1.00	1.00
205(2)	Cofferdam	All required	Lump Sum	1.00	1.00
205(3)	Foundation Fill	1	Cubic Yard	1.00	1.00
205(4)	Porous Backfill Material	1	Cubic Yard	1.00	1.00
206(1)	Filter Blanket	1	Cubic Yard	1.00	1.00
206(2)	Filter Blanket	1	Ton	1.00	1.00
301(1)	Aggregate Base Course, Grading ____	1	Ton	1.00	1.00
301(2)	Aggregate Base Course, Grading ____	1	Cubic Yard	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
301(3)	Aggregate Surface Course, Grading ____	1	Ton	1.00	1.00
301(4)	Aggregate Surface Course, Grading ____	1	Cubic Yard	1.00	1.00
302(1)	Aggregate for Subgrade Modification	1	Ton	1.00	1.00
302(2)	Aggregate for Subgrade Modification	1	Cubic Yard Veh. Mea.	1.00	1.00
302(3)	Processing for Subgrade Modification	1	Station	1.00	1.00
302(4)	Processing for Subgrade Modification	1	Mile	1.00	1.00
303(1)	Reconditioning	1	Station	1.00	1.00
303(2)	Reconditioning	1	Mile	1.00	1.00
304(1)	Subbase, Grading ____	1	Ton	1.00	1.00
304(2)	Subbase, Grading ____	1	Cubic Yard	1.00	1.00
304(3)	Subbase, Grading ____	1	Cubic Yard Vehicle Measure	1.00	1.00
305(1)	Stockpiled Material Section ____, Grading ____	1	Cubic Yard	1.00	1.00
305(2)	Stockpiled Material Section ____, Grading ____	1	Ton	1.00	1.00
306(1)	ATB	1	Ton	1.00	1.00
306(2)	Asphalt Cement, Type ____	1	Ton	1.00	1.00
306(3)	Anti-Strip Additive	All required	Contingent Sum	1.00	1.00
307(1)	Emulsified Asphalt Treated Base	1	Ton	1.00	1.00
307(2)	Emulsified Asphalt, Type ____	1	Ton	1.00	1.00
307(3)	Emulsified Asphalt Treated Base, ____ in. thick.	1	Square Yard	1.00	1.00
308(1)	Crushed Asphalt Base Course	1	Square Yard	1.00	1.00
308(2)	CSS-1 Asphalt for Base Course	1	Ton	1.00	1.00
401(1)	Asphalt Concrete, Type ____; Class ____	1	Ton	1.00	1.00
401(2)	Asphalt Cement, Grade ____	1	Ton	1.00	1.00
401(3)	Temporary Pavement	1	Ton	1.00	1.00
401(4)	Asphalt Concrete, Type ____; Class ____	1	Square Yard	1.00	1.00
401(5)	Anti-Strip Additive	All required	Contingent Sum	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
401(6)	Asphalt Price Adjustment	All required	Contingent Sum	1.00	1.00
401(7)	Asphalt Concrete, Type ____; Class ____	All required	Lump Sum	1.00	1.00
401(8)	Job Mlx Design	1	Each	1.00	1.00
401(10)	Asphalt Material Price Adjustment	All required	Contingent Sum	1.00	1.00
402(1)	STE-1 Asphalt For Tack Coat	1	Ton	1.00	1.00
403(1)	MC-30 Liquid Asphalt for Prime Coat	1	Ton	1.00	1.00
403(2)	CSS-1 Emulsified Asphalt for Prime Coat	1	Ton	1.00	1.00
404(1)	____ Asphalt for Seal Coat	1	Ton	1.00	1.00
404(2)	Seal Coat Aggregate Type ____, Grading ____	1	Ton	1.00	1.00
405(1)	____ Asphalt for Surface Treatment	1	Ton	1.00	1.00
405(2)	Aggregate for Surface Treatment, Grading ____	1	Ton	1.00	1.00
406(1)	Rumble Strips	All required	Lump Sum	1.00	1.00
406(2)	Rumble Strips	1	Station	1.00	1.00
501(1)	Class A Concrete	All required	Lump Sum	1.00	1.00
501(2)	Class A-A Concrete	All required	Lump Sum	1.00	1.00
501(3)	Class W Concrete	All required	Lump Sum	1.00	1.00
501(4)	Class A Concrete	1	Cubic Yard	1.00	1.00
501(5)	Class S Concrete	1	Cubic Yard	1.00	1.00
501(6)	Class W Concrete	1	Cubic Yard	1.00	1.00
501(7)	Precast Concrete Member (identification)	1	Each	1.00	1.00
501(8)	Concrete Price Adjustment	All required	Contingent Sum	1.00	1.00
502(1)	Post-Tensioning (Type)	All required	Lump Sum	1.00	1.00
503(1)	Reinforcing Steel	All required	Lump Sum	1.00	1.00
503(2)	Epoxy-Coated Reinforcing Steel	All required	Lump Sum	1.00	1.00
504(1)	Structural Steel	All required	Lump Sum	1.00	1.00
504(2)	Structural Steel	1	Pound	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
505(1)	Furnish Untreated Timber Piles	1	Linear Foot	1.00	1.00
505(2)	Drive Untreated Timber Piles	1	Each	1.00	1.00
505(3)	Furnish Treated Timber Piles	1	Linear Foot	1.00	1.00
505(4)	Drive Treated Timber Piles	1	Each	1.00	1.00
505(5)	Furnish Structural Steel Piles	1	Linear Foot	1.00	1.00
505(6)	Drive Structural Steel Piles	1	Each	1.00	1.00
505(7)	Furnish Cast-In-Place Concrete Piles	1	Linear Foot	1.00	1.00
505(8)	Drive Cast-In-Place Concrete Piles	1	Each	1.00	1.00
505(9)	Structural Steel Sheet Piles	1	Square Foot	1.00	1.00
505(10)	Test Piles (Type)	1	Each	1.00	1.00
505(11)	Load Test	1	Each	1.00	1.00
506(1)	Treated Timber	All required	Lump Sum	1.00	1.00
506(2)	Untreated Timber	All required	Lump Sum	1.00	1.00
506(3)	Treated Timber	1	MBM	1.00	1.00
506(4)	Untreated Timber	1	MBM	1.00	1.00
507(1)	Steel Bridge Railing	1	Linear Foot	1.00	1.00
507(2)	Pedestrian Railing	1	Linear Foot	1.00	1.00
507(3)	Thrie Beam Bridge Railing	1	Linear Foot	1.00	1.00
507(4)	Concrete Bridge Railing	1	Linear Foot	1.00	1.00
507(5)	Timber Bridge Railing	1	Linear Foot	1.00	1.00
508(1)	Waterproofing Membrane	All required	Lump Sum	1.00	1.00
509(1)	MMC Overlay	1	Cubic Yard	1.00	1.00
509(2)	Overhead Patches	All required	Contingent Sum	1.00	1.00
510(1)	Removal of Concrete Bridge Deck	1	Square Foot	1.00	1.00
511(1)	Mechanically Stabilized Earth Wall	1	Square Foot	1.00	1.00
512(1)	Forms	All required	Lump Sum	1.00	1.00

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512(2)	Falsework	All required	Lump Sum	1.00	1.00
513(1)	Field Painting of Steel Structures	All required	Lump Sum	1.00	1.00
601(1)	Metal Flume Downrain	1	Linear Foot	1.00	1.00
602(1)	Structural Plate Pipe ___ Diameter, ___ Gage	1	Linear Foot	1.00	1.00
602(2)	Structural Plate Pipe-Arch ___ Span, ___ Rise, ___ Gage	1	Linear Foot	1.00	1.00
602(3)	Structural Plate Arch ___ Span, ___ Rise, ___ Gage	1	Linear Foot	1.00	1.00
603(1)	___ Inch CSP	1	Linear Foot	1.00	1.00
603(1-12)	12 Inch CSP	1	Linear Foot	1.00	1.00
603(1-18)	18 Inch CSP	1	Linear Foot	1.00	1.00
603 (1-24)	24 Inch CSP	1	Linear Foot	1.00	1.00
603(1-36)	36 Inch CSP	1	Linear Foot	1.00	1.00
603 (1-48)	48 Inch CSP	1	Linear Foot	1.00	1.00
603(1-60)	60 Inch CSP	1	Linear Foot	1.00	1.00
603(1-72)	72 Inch CSP	1	Linear Foot	1.00	1.00
603(1-84)	84 Inch CSP	1	Linear Foot	1.00	1.00
603 (1-96)	96 Inch CSP	1	Linear Foot	1.00	1.00
603(2)	___ Inch CSP Arch	1	Linear Foot	1.00	1.00
603(3)	End Section for ___ Inch CSP	1	Each	1.00	1.00
603(3-12)	End Section for 12 Inch CSP	1	Each	1.00	1.00
603(3-18)	End Section for 18 Inch CSP	1	Each	1.00	1.00
603(3-24)	End Section for 24 Inch CSP	1	Each	1.00	1.00
603(3-36)	End Section for 36 Inch CSP	1	Each	1.00	1.00
603(3-48)	End Section for 48 Inch CSP	1	Each	1.00	1.00
603(3-60)	End Section for 60 Inch CSP	1	Each	1.00	1.00
603(3-72)	End Section for 72 Inch CSP	1	Each	1.00	1.00
603(4)	End Section for ___ Inch CSP Arch	1	Each	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
603(5)	___ Inch Bituminous Coated CSP	1	Linear Foot	1.00	1.00
603(6)	___ Inch Bituminous Coated CSP Arch	1	Linear Foot	1.00	1.00
603(7)	End Section for ___ Inch Bituminous Coated CSP	1	Each	1.00	1.00
603(8)	End Section for ___ Inch Bituminous Coated CSP Arch	1	Each	1.00	1.00
603(9)	___ Inch Corrugated Aluminum Pipe	1	Linear Foot	1.00	1.00
603(10)	___ Inch Corrugated Aluminum Pipe Arch	1	Linear Foot	1.00	1.00
603(11)	End Section for ___ Inch Corrugated Aluminum Pipe	1	Each	1.00	1.00
603(12)	End Section for ___ Inch Corrugated Aluminum Pipe Arch	1	Each	1.00	1.00
603(13)	___ Inch Reinforced Concrete Pipe Class ___	1	Linear Foot	1.00	1.00
603(14)	___ Inch Reinforced Concrete End Section	1	Each	1.00	1.00
603(15)	(Type & Size) Elbow	1	Each	1.00	1.00
603(16)	(Type & Size) Branch Connection	1	Each	1.00	1.00
603(17)	___ Inch Pipe	1	Linear Foot	1.00	1.00
603(17-12)	12 Inch Pipe	1	Linear Foot	1.00	1.00
603(17-18)	18 Inch Pipe	1	Linear Foot	1.00	1.00
603(17-24)	24 Inch Pipe	1	Linear Foot	1.00	1.00
603(17-36)	36 Inch Pipe	1	Linear Foot	1.00	1.00
603 (17-48)	48 Inch Pipe	1	Linear Foot	1.00	1.00
603(17-60)	60 Inch Pipe	1	Linear Foot	1.00	1.00
603(17-72)	72 Inch Pipe	1	Linear Foot	1.00	1.00
603(18)	___ Inch Bituminous Coated Paved Invert CSP, ___ Ga.	1	Linear Foot	1.00	1.00
603(19)	___ Inch Pipe Arch	1	Linear Foot	1.00	1.00
603(20)	End Section for ___ Inch Pipe	1	Each	1.00	1.00
603(20-12)	End Section for 12 Inch Pipe	1	Each	1.00	1.00
603(20-18)	End Section for 18 Inch Pipe	1	Each	1.00	1.00
603(20-24)	End Section for 24 Inch Pipe	1	Each	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
603(20-36)	End Section for 36 Inch Pipe	1	Each	1.00	1.00
603(20-48)	End Section for 48 Inch Pipe	1	Each	1.00	1.00
603(20-60)	End Section for 60 Inch Pipe	1	Each	1.00	1.00
603(20-72)	End Section for 72 Inch Pipe	1	Each	1.00	1.00
603(21)	___ Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-12)	12 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-18)	18 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-24)	24 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-36)	36 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-48)	48 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-60)	60 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
603(21-72)	72 Inch Corrugated Polyethylene Pipe	1	Linear Foot	1.00	1.00
604(1)	Storm Sewer Manhole	1	Each	1.00	1.00
604(2)	Sanitary Sewer Manhole	1	Each	1.00	1.00
604(3)	Reconstruct Existing Manhole	1	Each	1.00	1.00
604(4)	Adjust Existing Manhole	1	Each	1.00	1.00
604(5)	Inlet, Type ___	1	Each	1.00	1.00
604(6)	Relocate Inlet	1	Each	1.00	1.00
604(7)	Relocate Manhole	1	Each	1.00	1.00
605(1)	___ Inch Perforated Corrugated Steel Pipe for Underdrain	1	Linear Foot	1.00	1.00
605(2)	___ Inch Perforated Corrugated Aluminum Pipe for Underdrain	1	Linear Foot	1.00	1.00
605(3)	___ Inch Perforated Pipe Underdrain	1	Linear Foot	1.00	1.00
605(4)	Blind Drain	1	Linear Foot	1.00	1.00
605(5)	Porous Backfill Material	1	Cubic Yard	1.00	1.00
605(6)	___ Inch Perforated Corrugated PE Pipe for Underdrain	1	Linear Foot	1.00	1.00
605(7)	___ Inch Perforated PVC Pipe for Underdrain	1	Linear Foot	1.00	1.00

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606(1)	W-beam Guardrail	1	Linear Foot	1.00	1.00
606(2)	Thrie Beam Guardrail	1	Linear Foot	1.00	1.00
606(3)	Box Beam Guardrail	1	Linear Foot	1.00	1.00
606(4)	Cable Guardrail	1	Linear Foot	1.00	1.00
606(5)	Removing and Reconstructing Guardrail	1	Linear Foot	1.00	1.00
606(6)	Removing And Disposing Of Guardrail	1	Linear Foot	1.00	1.00
606(7)	Raising Existing Guardrail	1	Linear Foot	1.00	1.00
606(8)	Double-faced W-Beam Guardrail	1	Linear Foot	1.00	1.00
606(9)	Controlled Release Terminal (CRT)	1	Each	1.00	1.00
606(10)	Slotted Rail Terminal (SRT-350)	1	Each	1.00	1.00
606(11)	Extruder Terminal (ET-2000)	1	Each	1.00	1.00
606(12)	Guardrail/bridge Rail Connection	1	Each	1.00	1.00
607(1)	Barbed Wire	1	Linear Foot	1.00	1.00
607(2)	Woven Wire Fence	1	Linear Foot	1.00	1.00
607(3)	Chain Link Fence	1	Linear Foot	1.00	1.00
607(4)	Reconstructed Fence	1	Linear Foot	1.00	1.00
607(5)	Drive Gate	1	Each	1.00	1.00
607(6)	Walk Gate	1	Each	1.00	1.00
608(1a)	Concrete Sidewalk, 4 inches thick	1	Square Yard	1.00	1.00
608(1b)	Concrete Sidewalk, 6 inches thick	1	Square Yard	1.00	1.00
608(2)	Asphalt Sidewalk	1	Ton	1.00	1.00
608(3)	Asphalt Sidewalk	1	Square Yard	1.00	1.00
608(4)	Bed Course Material, Grading ____	1	Ton	1.00	1.00
608(5)	Bed Course Material, Grading ____	1	Cubic Yard	1.00	1.00
608(6)	Curb Ramp	1	Each	1.00	1.00
609(1)	Curb, Type ____	1	Linear Foot	1.00	1.00

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609(2)	Curb and Gutter, Type ____	1	Linear Foot	1.00	1.00
609(3)	Backing Curb	1	Linear Foot	1.00	1.00
609(4)	Asphalt Curb	1	Linear Foot	1.00	1.00
609(5)	Bed Course Material, Grading ____	1	Ton	1.00	1.00
609(6)	Bed Course Material, Grading ____	1	Cubic Yard	1.00	1.00
610(1)	Ditch Lining	1	Cubic Yard	1.00	1.00
610(2)	Ditch Lining	1	Ton	1.00	1.00
610(3)	Ditch Lining	1	Station	1.00	1.00
611(1)	Riprap, Class ____	1	Cubic Yard	1.00	1.00
611(2)	Riprap, Class ____	1	Ton	1.00	1.00
612(1)	Sacked Concrete Slope Protection	1	Each	1.00	1.00
613(1)	Right-of-Way Monument	1	Each	1.00	1.00
613(2)	Culvert Marker Post	1	Each	1.00	1.00
614(1)	Concrete Barrier	1	Linear Foot	1.00	1.00
615(1)	Standard Sign	1	Square Foot	1.00	1.00
615 (2)	Remove and Relocate Existing Sign	1	Each	1.00	1.00
615(3)	Remove and Relocate Milepost	1	Each	1.00	1.00
615(4)	Delineator, Rigid	1	Each	1.00	1.00
615(5)	Delineator, Flexible	1	Each	1.00	1.00
615(6)	Salvage Sign	1	Each	1.00	1.00
616 (1)	____ Inch Diameter Thaw Pipe	1	Linear Foot	1.00	1.00
616(2)	____ Inch Diameter Thaw Pipe	1	Each	1.00	1.00
616(3)	Thaw Wire Installation	1	Linear Foot	1.00	1.00
616(4)	Thaw Wire Installation	1	Each	1.00	1.00
617(1)	Railroad Crossing	All required	Lump Sum	1.00	1.00
617(2)	Railroad Signal and Relay Case Foundations	All required	Lump Sum	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
617(3)	Cantilever Signal Foundation	1	Each	1.00	1.00
617(4)	Railroad Furnished Signal Base	1	Each	1.00	1.00
617(5)	Rigid Metal Conduit with pull wire	1	Linear Foot	1.00	1.00
617(6)	Type IA Junction Box	1	Each	1.00	1.00
617(7)	Type II Junction Box	1	Each	1.00	1.00
617(8)	Railroad Signal Load Center	1	Each	1.00	1.00
618(1)	Seeding	1	Acre	1.00	1.00
618(2)	Seeding	1	Pound	1.00	1.00
618(3)	Water For Seeding	1	M Gal.	1.00	1.00
619(1)	Mulching	1	Square Yard	1.00	1.00
619(2)	Matting	1	Square Yard	1.00	1.00
620(1)	Topsoil	1	Square Yard	1.00	1.00
621(1)	Tree	1	Each	1.00	1.00
621(2)	Shrub	1	Each	1.00	1.00
621(3)	Hedge	1	Linear Foot	1.00	1.00
621(4)	Vine	1	Each	1.00	1.00
622(1)	Rest Area	All required	Lump Sum	1.00	1.00
622(2)	Water System Complete	All required	Lump Sum	1.00	1.00
622(3)	Screen Fence	1	Linear Foot	1.00	1.00
622(4)	Treated Timber Curb	1	Linear Foot	1.00	1.00
622(5)	Well and Casing	1	Linear Foot	1.00	1.00
622(6)	Rest Area Signs	1	Square Foot	1.00	1.00
622(7)	Pit Toilet ___ Seat	1	Each	1.00	1.00
622(8)	Table, Class ___	1	Each	1.00	1.00
622(9)	Litter Can with Rack	1	Each	1.00	1.00
622(10)	Fireplace, Class ___	1	Each	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
622(11)	Special Vault Toilet	1	Each	1.00	1.00
622(12)	Shelter House, Case ____	1	Each	1.00	1.00
622(13)	Hand Pump Assembly	1	Each	1.00	1.00
622(14)	Litter Barrel	1	Each	1.00	1.00
623(1)	Sodding	1	Square Yard	1.00	1.00
624(1)	Calcium Chloride	1	Ton	1.00	1.00
625(1)	Pipe Hand Rail	1	Linear Foot	1.00	1.00
626(1)	Sanitary Sewer Conduit, ____ Inch	1	Linear Foot	1.00	1.00
626(2)	Sewer Service Connection	1	Each	1.00	1.00
627(1)	____ Inch Ductile Iron Water Conduit, Class ____	1	Linear Foot	1.00	1.00
627(2)	____ Inch Steel Water Conduit	1	Linear Foot	1.00	1.00
627(3)	Install Valve Box	1	Each	1.00	1.00
627(4)	Fire Hydrant Adjustment	1	Each	1.00	1.00
627(5)	Fire Hydrant Installation	1	Each	1.00	1.00
627(6)	Fire Hydrant Relocation	1	Each	1.00	1.00
627(7)	Fire Hydrant Removal	1	Each	1.00	1.00
627(8)	Water Service Connection	1	Each	1.00	1.00
627(9)	Install ____ Inch Gate Valve	1	Each	1.00	1.00
627(10)	Adjustment of Valve Box	1	Each	1.00	1.00
630(1)	Geotextile, Separation	1	Square Yard	1.00	1.00
630(2)	Geotextile, Stabilization	1	Square Yard	1.00	1.00
631(1)	Geotextile, Drainage, Class ____	1	Square Yard	1.00	1.00
631(2)	Geotextile, Erosion Control, Class ____	1	Square Yard	1.00	1.00
632(1)	Paving Fabric	1	Square Yard	1.00	1.00
633(1)	Silt Fence	1	Linear Foot	1.00	1.00
634(1)	Geogrid, Type ____	1	Square Yard	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
635(1)	Insulation Board	1	MBM	1.00	1.00
636(1)	Gabion	1	Cubic Yard	1.00	1.00
639(1)	Residence Driveway	1	Each	1.00	1.00
639(2)	Commercial Driveway	1	Each	1.00	1.00
640(1)	Mobilization And Demobilization	All required	Lump Sum	1.00	1.00
640(4)	Worker Meals and Lodging, or Per Diem	All required	Lump Sum	1.00	1.00
641(1)	Erosion, Sediment and Pollution Control Administration	All required	Lump Sum	1.00	1.00
641(2)	Temporary Erosion , Sediment and Pollution Control	All required	Contingent Sum	1.00	1.00
641(3)	Temporary Erosion , Sediment and Pollution Control	All required	Lump Sum	1.00	1.00
641(4)	Temporary Erosion , Sediment and Pollution Control Additives	All required	Contingent Sum	1.00	1.00
641(5)	Temporary Erosion , Sediment and Pollution Control by Directive	All required	Contingent Sum	1.00	1.00
641(6)	Withholding	All required	Contingent Sum	1.00	1.00
641(7)	SWPPPP Manager	All required	Lump Sum	1.00	1.00
642(1)	Construction Surveying	All required	Lump Sum	1.00	1.00
642(2)	Office Engineering	1	Mile	1.00	1.00
642(3)	Three Person Survey Party	1	Hour	1.00	1.00
642(3A)	Three Person Survey Party	All required	Contingent Sum	1.00	1.00
642(4)	Set Primary Monument	1	Each	1.00	1.00
642(5)	Set Secondary Monument	1	Each	1.00	1.00
642(6)	Replace Existing With Primary Monument	1	Each	1.00	1.00
642(7)	Replace Existing With Secondary Monument	1	Each	1.00	1.00
642(8)	Adjust Existing Monument	1	Each	1.00	1.00
642(9)	Reference Existing Monument	1	Each	1.00	1.00
642(10)	Monument Case	1	Each	1.00	1.00
642(11)	Adjust Existing Monument Case	1	Each	1.00	1.00
642(12)	Final Traverse	All required	Lump Sum	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
643(1)	Traffic Maintenance	1	Calendar Day	1.00	1.00
643(2)	Traffic Maintenance	All required	Lump Sum	1.00	1.00
643(3)	Permanent Construction Signs	All required	Lump Sum	1.00	1.00
643(4)	Construction Sign	1	Calendar Day	1.00	1.00
643(5)	Type II Barricade	1	Calendar Day	1.00	1.00
643(6)	Type III Barricade	1	Calendar Day	1.00	1.00
643(7)	Traffic Cone/Tubular Marker	1	Calendar Day	1.00	1.00
643(8)	Plastic Safety Fence	1	Linear Foot	1.00	1.00
643(9)	Drum	1	Calendar Day	1.00	1.00
643(10)	Sequential Arrow Panel, Type C	1	Calendar Day	1.00	1.00
643(11)	Special Construction Signs	1	Square Foot	1.00	1.00
643(12)	Portable Concrete Barrier	1	Each	1.00	1.00
643(13)	Temporary Crash Cushion	1	Each	1.00	1.00
643(14)	Interim Pavement Marking	1	Station	1.00	1.00
643(15)	Flagging	1	Hour	1.00	1.00
643(16)	Pilot Car	1	Hour	1.00	1.00
643(17)	Street Sweeping	1	Hour	1.00	1.00
643(18)	Watering	1	M Gal.	1.00	1.00
643(19)	Lane Closure	1	Hour	1.00	1.00
643(20)	Detour	1	Calendar Day	1.00	1.00
643(21)	Road Closure	1	Calendar Day	1.00	1.00
643(22)	One Lane Road	1	Hour	1.00	1.00
643(23)	Traffic Price Adjustment	All required	Contingent Sum	1.00	1.00
643(24)	Portable Changeable Message Board Sign	1	Calendar Day	1.00	1.00
643(25)	Traffic Control	All required	Contingent Sum	1.00	1.00
643(26)	Temporary Sidewalk Surfacing	1	Square Yard	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
643(27)	Temporary Guardrail	1	Linear Foot	1.00	1.00
643(28)	Power Brooming	1	Hour	1.00	1.00
644 (1)	Field Office	All required	Lump Sum	1.00	1.00 (CF-CENG)
644 (2)	Field Laboratory	All required	Lump Sum	1.00	1.00 (CF-CENG)
644 (3)	Curing Shed	All required	Lump Sum	1.00	1.00 (CF-CENG)
644 (4)	Meal	1	Each	1.00	1.00 (CF-CENG)
644 (5)	Lodging	1	Each	1.00	1.00 (CF-CENG)
644 (6)	Vehicles	All required	Lump Sum	1.00	1.00 (CF-CENG)
644 (7)	Vehicle	1	Calendar Day	1.00	1.00 (CF-CENG)
646(1)	CPM Scheduling	All required	Lump Sum	1.00	1.00
660(1)	Traffic Signal System Complete	All required	Lump Sum	1.00	1.00
660(2)	Flashing Beacon System Complete	All required	Lump Sum	1.00	1.00
660 (3)	Highway Lighting System Complete	All required	Lump Sum	1.00	1.00
660 (4)	Sign Illumination System Complete	All required	Lump Sum	1.00	1.00
660(5)	Structure Illumination System Complete	All required	Lump Sum	1.00	1.00
660(6)	Traffic Count System Complete	All required	Lump Sum	1.00	1.00
660(7)	Temporary Signal System Complete	All required	Lump Sum	1.00	1.00
660(8)	Temporary Illumination System Complete	All required	Lump Sum	1.00	1.00
660(9)	Bored Casing ___ Inch Minimum Diameter	1	Linear Foot	1.00	1.00
660(10)	High Tower Lighting System Complete	All required	Lump Sum	1.00	1.00
660(11)	Traffic Loop	1	Each	1.00	1.00
660(12)	Underpass Lighting System Complete	All required	Lump Sum	1.00	1.00
660(13)	Relocate Electrolier	1	Each	1.00	1.00
661(1)	Load Center, Type 1	1	Each	1.00	1.00
661(2)	Load Center, Type 1A	1	Each	1.00	1.00
661(3)	Load Center, Type 2	1	Each	1.00	1.00

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<i>Item Number</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit</i>	<i>Unit Price</i>	<i>Amount</i>
661(4)	Load Center, Type 3	1	Each	1.00	1.00
661(5)	Modify Existing Load Center	1	Each	1.00	1.00
661(6)	Transformer, ___ KVA	1	Each	1.00	1.00
670(1)	Painted Traffic Markings	All required	Lump Sum	1.00	1.00
670(2)	Single Stripe	1	Mile	1.00	1.00
670(3)	Double or Wide Stripe	1	Mile	1.00	1.00
670(4)	Transverse Pavement Marking Lines	1	Square Foot	1.00	1.00
670(5)	Transverse Markings, Words and Symbols	1	Each	1.00	1.00
670(6)	Preformed Pavement Markings	All required	Lump Sum	1.00	1.00
670(7)	Raised Pavement Marker	1	Each	1.00	1.00
670(8)	Recessed Pavement Marker	1	Each	1.00	1.00
670(9)	Removal of Pavement Markings	1	Mile	1.00	1.00
670(10)	Methyl Methacrylate Pavement Markings	All required	Lump Sum	1.00	1.00
670 (11)	Methyl Methacrylate Transverse Pavement Marking Lines	1	Square Foot	1.00	1.00
670(12)	Methyl Methacrylate Transverse Markings, Words and Symbols	1	Each	1.00	1.00
PROJECT Summary	Pay Items:	402 Items		Subtotal:	402.00
	Minus Contractor Furnished CENG Items			Exc Subtotal	-7.00
	Construction Engineering (Percentage)	1%		CENG	3.95
	Indirect Cost Allocation Plan (ICAP)	1%		Subtotal	398.95
	TOTAL PARTICIPATING				402.94
	ADDED COSTS (Not part of the Contract)				
	PROJECT TOTAL				402.94