

**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF ENGINEERING SERVICES**  
 OFFICE ENGINEER, MS 43  
 1727 30<sup>TH</sup> STREET  
 P.O. BOX 168041  
 SACRAMENTO, CA 95816-8041  
 FAX (916) 227-6214  
 TTY 711



*Flex your power!*  
*Be energy efficient!*

April 12, 2010

03-Nev-49-15.4/18.0  
 03-2A6904  
 SARRA-P049(148)E

Addendum No. 3

Dear Contractor:

This addendum is being issued to the contract for CONSTRUCTION ON STATE HIGHWAY IN NEVADA COUNTY NEAR GRASS VALLEY FROM 0.6 KM NORTH OF ALTA SIERRA DRIVE TO 0.9 KM SOUTH OF WELLSWOOD WAY.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on Wednesday, April 21, 2010.

This addendum is being issued to revise the Project Plans, the Notice to Bidders and Special Provisions, and the Bid book.

Project Plan Sheets 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 21, 25, 26, 27, 28, 48, 99, 101, 116, 117, 118, 119, 120, 121, 122, 123, 124, 134, 135, 141, 142, 150, 151, 159, 160, 177, 178, 193, 194, 196, 213, and 246 are revised. Copies of the revised sheets are attached for substitution for the like-numbered sheets.

In the Special Provisions, Section 5-1.15, "NONHIGHWAY FACILITIES (INCLUDING UTILITIES)," the table is revised as follows:

| <b>Utility Relocation and Department-Arranged Time for the Relocation</b> |          |      |
|---|----------|------|
| Utility   | Location | Days |
| Nevada Irrigation District  | Various  | 120  |
| AT&T Telephone  | Various  | 120  |
| PG&E Electric   | Various  | 120  |

In the Special Provisions, Section 10-1.20, "RIGHT OF WAY OBSTRUCTIONS," the first and second paragraphs are revised as follows:

"Attention is directed to the occupied improvements located within the right of way at:

Parcel No. 34889, Station "B" 20+60 to Station "B" 20+90.

Parcel No. 34913, Station "B" 21+00 to Station "B" 21+30 and Station "B" 22+80 to Station "B" 23+00.

It is anticipated that these improvements will be vacated and removed by June 4, 2010."

03-Nev-49-15.4/18.0  
03-2A6904  
SARRA-P049(148)E

In the Special Provisions, Section 10-1.22, "CONSTRUCTION AREA SIGNS," the following paragraph is added after the fifth paragraph.

"The Contractor shall furnish and install 2 Type C, 3048 mm by 2743 mm American Reinvestment and Recovery Act (Recovery Act) project funding signs at locations designated by the Engineer before starting major construction activities visible to highway users. Upon completion of the project, the Contractor shall remove and dispose of Recovery Act signs. Manufacturing details for Recovery Act signs are available at:

<http://www.dot.ca.gov/hq/traffops/signtech/signdel/bondfundspecs.htm>"

In the Special Provisions, Section 10-1.335, "TREATED WOOD WASTE," is added as attached.

In the Special Provisions, Section 10-1.34, "EXISTING HIGHWAY FACILITIES," subsection "OBLITERATE SURFACING" is replaced with "REMOVE BASE AND SURFACING" as attached.

In the Special Provisions, Section 10-1.35, "CLEARING AND GRUBBING," the following paragraph is added after the last paragraph.

"Full compensation for the removal and disposal of existing stumps, slash, chips and water pollution control BMP's shall be considered as included in the contract lump sum price paid for clearing and grubbing and no additional compensation will be allowed therefor."

In the Special Provisions, Section 10-1.59, "SOUND WALL," subsection "SOUND WALL (MASONRY BLOCK)," the sixth paragraph is revised as follows:

"The masonry units shall be nominal size and texture and of uniform color. The color shall be Basalite 375, or approved equal, selected from the manufacturer's standards."

In the Special Provisions, Section 10-1.60, "ARCHITECTURAL TREATMENT," subsection "MEASUREMENT AND PAYMENT," the fourth paragraph is revised as follows:

"Full compensation for architectural treatment for concrete barrier (Type 736S) and concrete barrier (Type 736S Modified), as shown on the plans, shall be considered as included in the contract price paid per meter for concrete barrier (Type 736S) and concrete barrier (Type 736S Modified) and no separate payment will be made therefor."

In the Special Provisions, Section 10-1.61, "ARCHITECTURAL TREATMENT (SOUNDSORB CLADDING PANELS)," subsection "MATERIALS," is revised as follows:

"SoundSorb cladding panels consist of composite panels with sound-absorptive, cementitious material using lightweight aggregate, cement and proprietary ingredients. The successful bidder can obtain SoundSorb cladding panels by contacting Clark Pacific at 1980 South River Road, West Sacramento, CA 95691, Phone (916) 371-0305, FAX (916) 372-0323. The additional information regarding ordering SoundSorb cladding panels can be obtained by contacting Concrete Solutions, Inc., Phone (512) 327-8481, FAX (512) 327-5111.

The SoundSorb cladding panel shall be minimum 66 mm in thickness. The architectural treatment (SoundSorb cladding panel) shall simulate a rough sawn lumber pattern constructed to the dimensions and shapes shown on the plans.

03-Nev-49-15.4/18.0  
 03-2A6904  
 SARRA-P049(148)E

The SoundSorb cladding panel shall require a Noise Reduction Coefficient (NRC) of 0.85 or greater. NRC testing shall conform to ASTM Designation: C 423-99a using mounting type A under ASTM E 795-00 practices.

The price quoted by the manufacturer, not including sales tax, for furnishing, installing and staining of SoundSorb cladding panels is shown in the following table:

| MATERIAL OR SERVICE                                | PRICE QUOTE<br>(\$ per square meter) | INCLUDES:  |
|--|--------------------------------------|--|
| SoundSorb cladding panels<br>(thickness min 66 mm) | \$ 180.00                            | Design and fabrication of the panels, detailed submittal drawings, all proprietary components, and shipping and handling to the job site |

The above price will be guaranteed for all orders placed on or before September 23, 2010, provided delivery of SoundSorb cladding panels are accepted within 90 days after the order is placed.

Mortar shall conform to the provisions in Section 51-1.135, "Mortar," of the Standard Specifications. In addition, mortar shall include bonding polymer emulsion.

Bonding polymer emulsion shall be one of the following product or equal:

| PRODUCT         | MANUFACTURER                 |
|-----------------|------------------------------|
| SBR Latex       | Euclid Chemical Company      |
| Everbond        | L & M Construction Chemicals |
| Rhoplex MC-1834 | Rohm and Haas Company        |

The Contractor shall conform to the manufacturer's instructions for use of bonding polymer emulsion, including curing time and mortar mix proportions.

The Contractor shall submit a copy of bonding polymer emulsion manufacturer's recommendations and written instructions to the Engineer not less than 7 days prior to apply mortar to the test section.

Each shipment of SoundSorb cladding panels shall be accompanied by a Certificate of Compliance as provided in Section 6-1.07, "Certificate of Compliance," of the Standard Specifications, except that the certificate shall state that the materials involved comply in all respects to the manufacturer's current published specifications for the product involved.

The Contractor shall install and stain the first 100 square meter of SoundSorb cladding panels in the presence of a qualified field representative of the manufacturer. In addition, a qualified field representative of the manufacturer shall visit during the Contractor's regular working hours, two visits for each sound wall to inspect the installation and staining of SoundSorb cladding panels.

The price quoted by the manufacturer for services provided by a qualified field representative is shown in the following table:

| SERVICE  | PRICE QUOTE        | INCLUDES:  |
|--|--------------------|--|
| Qualified field representative of the manufacturer | \$ 150.00 per hour | Supervise and inspect installation and staining of SoundSorb cladding panels performed by Contractor. Provide recommendations, as required, regarding how to install and stain SoundSorb cladding panels |

Addendum No. 3  
Page 4  
April 12, 2010

03-Nev-49-15.4/18.0  
03-2A6904  
SARRA-P049(148)E

The above price will be guaranteed for all orders placed on or before September 23, 2010, provided delivery of SoundSorb cladding panels are accepted within 90 days after the order is placed.

Additional visits of a qualified field representative of the manufacturer shall be requested by the Engineer. Additional visits of a qualified field representative of the manufacturer, if requested by the Engineer, will be paid for as extra work as provided in Section 4-1.03D, "Extra Work," of the Standard Specifications."

In the Special Provisions, Section 10-1.75, "CRASH CUSHION (ADIEM)," is deleted.

In the Bid book, in the "Bid Item List," Items 22, 58, 71 and 73 are revised, Items 155, 156, 157 and 158 are added and Items 31, 110, 139 and 154 are deleted as attached.

To Bid book holders:

Replace pages 4, 5, 6, 8, 9, and 10 of the "Bid Item List" in the Bid book with the attached revised pages 4, 5, 6, 8, 9, and 10 of the Bid Item List. The revised Bid Item List is to be used in the bid.

Inquiries or questions in regard to this addendum must be communicated as a bidder inquiry and must be made as noted in the Notice to Bidders section of the Notice to Bidders and Special Provisions.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the Bid book.

Submit bids in the Bid book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This addendum, attachments and the modified wage rates are available for the Contractors' download on the Web site:

**[http://www.dot.ca.gov/hq/esc/oe/project\\_ads\\_addenda/03/03-2A6904](http://www.dot.ca.gov/hq/esc/oe/project_ads_addenda/03/03-2A6904)**

If you are not a Bid book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

IGNACIO SANCHEZ DEL REAL  
Acting Office Chief of Plans, Specifications & Estimates  
Office Engineer  
Division of Engineering Services

Attachments

## **10-1.335 TREATED WOOD WASTE**

### **GENERAL**

#### **Summary**

This work includes handling, storing, transporting, and disposing of treated wood waste.

Wood removed from metal beam guard railing and sign posts are treated with one or more of the following:

1. Creosote
2. Pentachlorophenol
3. Copper azole
4. Copper boron azole
5. Chromated copper arsenate
6. Ammoniacal copper zinc arsenate
7. Copper naphthenate
8. Alkaline copper quaternary

Manage treated wood waste under Title 22 CA Code of Regulations, Division 4.5, Chapter 34.

#### **Submittals**

For disposal of treated wood waste submit a copy of each completed shipping record and weight receipt to the Engineer within 5 business days of disposal.

### **CONSTRUCTION**

Provide training to personnel who handle treated wood waste or may come in contact with treated wood waste that includes:

1. All applicable requirements of Title 8 CA Code of Regulations
2. Procedures for identifying and segregating treated wood waste
3. Safe handling practices
4. Requirements of Title 22 CA Code of Regulations, Division 4.5, Chapter 34
5. Proper disposal methods

Store treated wood waste before disposal using any of the following methods:

1. Elevate on blocks above a reasonably foreseeable run-on elevation and protect from precipitation
2. Place in water-resistant containers designed for shipping or solid waste collection
3. Place on a containment surface protected from run-on and precipitation

Prevent unauthorized access to treated wood waste using a secured enclosure such as a locked chain link fenced area or a lockable shipping container located within the project limits.

Resize and segregate treated wood waste at a location where debris from the operation including sawdust and chips can be contained. Collect and manage the debris as treated wood waste.

Provide water-resistant labels, that comply with Title 22 CA Code of Regulations, Division 4.5, Chapter 34, § 67386.5., to clearly mark and identify treated wood waste and accumulation areas. Labels must include:

1. Caltrans, District number, Construction, contract number
2. District office address
3. Engineer's name, address, and telephone number
4. Contractor's contact name and telephone number

Before transporting treated wood waste, obtain agreement from the receiving facility that the treated wood waste will be accepted. Protect shipments of treated wood waste from loss and exposure to precipitation. Each shipment must be accompanied by a shipping record such as a manifest or bill of lading that includes:

1. Caltrans with district number
2. Construction contract number
3. District office address
4. Engineer name, address, and telephone number
5. Contractor contact name and telephone number
6. Receiving facility name and address
7. Waste description: Treated wood waste (preservative type if known or unknown/mixture)
8. Project location
9. Estimated quantity of shipment by weight or volume
10. Date of transport
11. Date of receipt by the receiving treated wood waste facility
12. Weight of shipment as measured by the receiving treated wood waste facility

The shipping record must be at least a 4-part carbon or carbonless 8-1/2" x 11" form to allow retention of copies by the Engineer, transporter, and disposal facility.

Dispose of treated wood waste in an approved treated wood waste facility. A list of currently approved treated wood waste facilities may be viewed at:

[http://www.dtsc.ca.gov/HazardousWaste/upload/TWW\\_Confirmed\\_Landfill\\_List.pdf](http://www.dtsc.ca.gov/HazardousWaste/upload/TWW_Confirmed_Landfill_List.pdf)

Dispose of treated wood waste within:

1. 90 days of generation if stored on blocks
2. 90 days of filling a container if containerized
3. 180 days of generation if stored on a containment surface

#### **MEASUREMENT AND PAYMENT**

Full compensation for handling, storing, transporting, and disposing treated wood waste, including personnel training, is included in the contract price paid per unit for remove roadside sign and per meter for remove metal beam guard railing, and no additional compensation will be allowed therefor.

### **REMOVE BASE AND SURFACING**

Existing base and bituminous surfacing shown on the plans to be removed, shall be removed to a depth of at least 150 mm below the grade of the existing surfacing. Resulting holes and depressions shall be backfilled with earthy material selected from excavation to the lines and grade established by the Engineer.

The material removed shall be disposed of outside the highway right of way in conformance with the provisions in Section 15-2.03, "Disposal," of the Standard Specifications.

Removing base and surfacing will be measured by the cubic meter in the same manner specified for roadway excavation in conformance with the provisions in Section 19, "Earthwork," of the Standard Specifications and will be paid for at the contract price per cubic meter for remove base and surfacing.

**BID ITEM LIST**  
**03-2A6904**

| Item No. | Item Code | Item Description                           | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|--|-----------------|--------------------|------------|------------|
| 21       | 120149    | TEMPORARY PAVEMENT MARKING (PAINT)         | M2              | 130                |            |            |
| 22       | 120159    | TEMPORARY TRAFFIC STRIPE (PAINT)           | M               | 26 900             |            |            |
| 23       | 120165    | CHANNELIZER (SURFACE MOUNTED)              | EA              | 53                 |            |            |
| 24       | 120199    | TRAFFIC PLASTIC DRUM                       | EA              | 140                |            |            |
| 25       | 120300    | TEMPORARY PAVEMENT MARKER                  | EA              | 1250               |            |            |
| 26       | 128650    | PORTABLE CHANGEABLE MESSAGE SIGN           | LS              | LUMP SUM           | LUMP SUM   |            |
| 27       | 129000    | TEMPORARY RAILING (TYPE K)                 | M               | 4230               |            |            |
| 28       | 129100    | TEMPORARY CRASH CUSHION MODULE             | EA              | 56                 |            |            |
| 29       | 016464    | TEMPORARY CRASH CUSHION (TYPE ABSORB 350)  | EA              | 1                  |            |            |
| 30       | 150206    | ABANDON CULVERT                            | EA              | 4                  |            |            |
| 31       |           | BLANK                                      |                 |                    |            |            |
| 32       | 150620    | REMOVE GATE                                | EA              | 1                  |            |            |
| 33       | 150662    | REMOVE METAL BEAM GUARD RAILING            | M               | 450                |            |            |
| 34       | 150668    | REMOVE FLARED END SECTION                  | EA              | 6                  |            |            |
| 35       | 150704    | REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE | M               | 160                |            |            |
| 36       | 016465    | REMOVE WHITE THERMOPLASTIC TRAFFIC STRIPE  | M               | 260                |            |            |
| 37       | 150715    | REMOVE THERMOPLASTIC PAVEMENT MARKING      | M2              | 1.4                |            |            |
| 38       | 150722    | REMOVE PAVEMENT MARKER                     | EA              | 23                 |            |            |
| 39       | 150742    | REMOVE ROADSIDE SIGN                       | EA              | 21                 |            |            |
| 40       | 150748    | REMOVE ROADSIDE SIGN PANEL                 | EA              | 2                  |            |            |

**BID ITEM LIST**  
**03-2A6904**

| Item No. | Item Code | Item Description                                 | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|--|-----------------|--------------------|------------|------------|
| 41       | 150805    | REMOVE CULVERT                                   | M               | 240                |            |            |
| 42       | 150820    | REMOVE INLET                                     | EA              | 4                  |            |            |
| 43       | 150821    | REMOVE HEADWALL                                  | EA              | 6                  |            |            |
| 44       | 152255    | RESET MAILBOX                                    | EA              | 36                 |            |            |
| 45       | 152320    | RESET ROADSIDE SIGN                              | EA              | 11                 |            |            |
| 46       | 152370    | RELOCATE MAILBOX                                 | EA              | 5                  |            |            |
| 47       | 152390    | RELOCATE ROADSIDE SIGN                           | EA              | 11                 |            |            |
| 48       | 016466    | 450 MM PLASTIC PIPE LINER<br>(NORINAL PIPE SIZE) | M               | 130                |            |            |
| 49       | 016467    | CLEANING, INSPECTING AND<br>PREPARING HOST PIPE  | M               | 130                |            |            |
| 50       | 153103    | COLD PLANE ASPHALT CONCRETE<br>PAVEMENT          | M2              | 25 400             |            |            |
| 51       | 160101    | CLEARING AND GRUBBING                            | LS              | LUMP SUM           | LUMP SUM   |            |
| 52       | 170101    | DEVELOP WATER SUPPLY                             | LS              | LUMP SUM           | LUMP SUM   |            |
| 53       | 190101    | ROADWAY EXCAVATION                               | M3              | 43 200             |            |            |
| 54       | 190110    | LEAD COMPLIANCE PLAN                             | LS              | LUMP SUM           | LUMP SUM   |            |
| 55       | 192001    | STRUCTURE EXCAVATION                             | M3              | 410                |            |            |
| 56       | 193001    | STRUCTURE BACKFILL                               | M3              | 340                |            |            |
| 57       | 193114    | SAND BACKFILL                                    | M3              | 19                 |            |            |
| 58       | 198007    | IMPORTED MATERIAL (SHOULDER<br>BACKING)          | TONN            | 860                |            |            |
| 59       | 200001    | HIGHWAY PLANTING                                 | LS              | LUMP SUM           | LUMP SUM   |            |
| 60       | 016468    | WEED CONTROL MAT (FIBER)                         | M2              | 190                |            |            |

**BID ITEM LIST**  
**03-2A6904**

| Item No. | Item Code | Item Description  | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|---|-----------------|--------------------|------------|------------|
| 61       | 203001    | EROSION CONTROL (BLANKET)                                 | M2              | 1470               |            |            |
| 62       | 203016    | EROSION CONTROL (TYPE D)                                  | HA              | 8                  |            |            |
| 63       | 203021    | FIBER ROLLS   | M               | 4130               |            |            |
| 64       | 016469    | FIBER ROLL CHECK DAM                                      | M               | 470                |            |            |
| 65       | 203025    | COMPOST, INCORPORATE                                      | M2              | 8140               |            |            |
| 66       | 203026    | MOVE-IN/MOVE-OUT (EROSION CONTROL)                        | EA              | 12                 |            |            |
| 67       | 208000    | IRRIGATION SYSTEM   | LS              | LUMP SUM           | LUMP SUM   |            |
| 68       | 208731    | 200 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT  | M               | 110                |            |            |
| 69       | 208732    | 250 MM CORRUGATED HIGH DENSITY POLYETHYLENE PIPE CONDUIT  | M               | 59                 |            |            |
| 70       | 208799    | 250 MM WELDED STEEL PIPE CONDUIT (6.35 MM THICK)          | M               | 41                 |            |            |
| 71       | 260201    | CLASS 2 AGGREGATE BASE                                    | M3              | 16 500             |            |            |
| 72       | 390095    | REPLACE ASPHALT CONCRETE SURFACING                        | M3              | 19                 |            |            |
| 73       | 390131    | HOT MIX ASPHALT   | TONN            | 26 400             |            |            |
| 74       | 390138    | RUBBERIZED HOT MIX ASPHALT (OPEN GRADED)                  | TONN            | 3050               |            |            |
| 75       | 391007    | PAVING ASPHALT (BINDER, GEOSYNTHETIC PAVEMENT INTERLAYER) | TONN            | 1.7                |            |            |
| 76       | 393003    | GEOSYNTHETIC PAVEMENT INTERLAYER                          | M2              | 1470               |            |            |
| 77       | 394053    | SHOULDER RUMBLE STRIP (HMA,GROUND-IN INDENTATIONS)        | STA             | 39                 |            |            |
| 78       | 016470    | CENTERLINE RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)     | STA             | 1.3                |            |            |
| 79       | 016471    | MEDIAN RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)         | STA             | 42                 |            |            |
| 80       | 394060    | DATA CORE   | LS              | LUMP SUM           | LUMP SUM   |            |

**BID ITEM LIST****03-2A6904**

| Item No. | Item Code | Item Description  | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|----------|-----------|---|-----------------|--------------------|------------|------------|
| 101      | 560242    | FURNISH SINGLE SHEET ALUMINUM SIGN (2.0 MM-FRAMED)      | M2              | 6                  |            |            |
| 102      | 566011    | ROADSIDE SIGN - ONE POST                                | EA              | 26                 |            |            |
| 103      | 566012    | ROADSIDE SIGN - TWO POST                                | EA              | 3                  |            |            |
| 104      | 568001    | INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)          | EA              | 3                  |            |            |
| 105 (F)  | 041964    | ARCHITECTURAL TREATMENT (51 MM X 305 MM REDWOOD LUMBER) | M2              | 766                |            |            |
| 106      | 016473    | DEER ESCAPE RAMP  | EA              | 3                  |            |            |
| 107      | 597601    | PREPARE AND STAIN CONCRETE                              | M2              | 2618               |            |            |
| 108      | 620904    | 300 MM ALTERNATIVE PIPE CULVERT                         | M               | 340                |            |            |
| 109      | 620908    | 375 MM ALTERNATIVE PIPE CULVERT                         | M               | 190                |            |            |
| 110      |           | BLANK   |                 |                    |            |            |
| 111      | 690156    | 200 MM CORRUGATED STEEL PIPE DOWNDRAIN (2.01 MM THICK)  | M               | 35                 |            |            |
| 112      | 700617    | DRAINAGE INLET MARKER                                   | EA              | 13                 |            |            |
| 113      | 700659    | 900 MM CORRUGATED STEEL PIPE INLET (2.77 MM THICK)      | M               | 12                 |            |            |
| 114      | 016474    | 600 MM HIGH DENSITY POLYETHYLENE PIPE ENERGY DISSIPATOR | EA              | 3                  |            |            |
| 115      | 705334    | 300 MM ALTERNATIVE FLARED END SECTION                   | EA              | 27                 |            |            |
| 116      | 705336    | 450 MM ALTERNATIVE FLARED END SECTION                   | EA              | 10                 |            |            |
| 117      | 721609    | CONCRETED-ROCK SLOPE PROTECTION (FACING, METHOD B)      | M3              | 9                  |            |            |
| 118      | 721616    | CONCRETED-ROCK SLOPE PROTECTION (COBBLE, METHOD B)      | M3              | 28                 |            |            |
| 119      | 729010    | ROCK SLOPE PROTECTION FABRIC                            | M2              | 210                |            |            |
| 120      | 731504    | MINOR CONCRETE (CURB AND GUTTER)                        | M3              | 18                 |            |            |

**BID ITEM LIST**  
**03-2A6904**

| Item No.   | Item Code | Item Description                         | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|------------|-----------|--|-----------------|--------------------|------------|------------|
| 121        | 731521    | MINOR CONCRETE (SIDEWALK)                | M3              | 10                 |            |            |
| 122        | 731623    | MINOR CONCRETE (CURB RAMP)               | M3              | 4                  |            |            |
| 123<br>(F) | 750001    | MISCELLANEOUS IRON AND STEEL             | KG              | 4190               |            |            |
| 124<br>(F) | 041965    | MISCELLANEOUS IRON AND STEEL(SOUND WALL) | KG              | 1400               |            |            |
| 125        | 800051    | FENCE (TYPE WM, METAL POST)              | M               | 1030               |            |            |
| 126        | 016475    | DEER FENCE (TYPE WM, METAL POST)         | M               | 1670               |            |            |
| 127        | 801273    | 4.6 M WIRE MESH GATE                     | EA              | 1                  |            |            |
| 128        | 016476    | 4.6 M WIRE MESH GATE (MOD)               | EA              | 3                  |            |            |
| 129        | 820108    | DELINEATOR (CLASS 2)                     | EA              | 120                |            |            |
| 130        | 016477    | MARKER (CULVERT) STATE                   | EA              | 13                 |            |            |
| 131        | 016478    | MARKER (CULVERT) COUNTY                  | EA              | 21                 |            |            |
| 132        | 016479    | HIGHWAY POST MARKER                      | EA              | 3                  |            |            |
| 133        | 820151    | OBJECT MARKER (TYPE L-1)                 | EA              | 6                  |            |            |
| 134        | 832003    | METAL BEAM GUARD RAILING (WOOD POST)     | M               | 490                |            |            |
| 135        | 839521    | CABLE RAILING                            | M               | 35                 |            |            |
| 136        | 839581    | END ANCHOR ASSEMBLY (TYPE SFT)           | EA              | 2                  |            |            |
| 137        | 839584    | ALTERNATIVE IN-LINE TERMINAL SYSTEM      | EA              | 2                  |            |            |
| 138        | 839585    | ALTERNATIVE FLARED TERMINAL SYSTEM       | EA              | 2                  |            |            |
| 139        |           | BLANK                                    |                 |                    |            |            |
| 140        | 839706    | CONCRETE BARRIER (TYPE 60G)              | M               | 330                |            |            |

**BID ITEM LIST**  
**03-2A6904**

| Item No.   | Item Code | Item Description  | Unit of Measure | Estimated Quantity | Unit Price | Item Total |
|------------|-----------|---|-----------------|--------------------|------------|------------|
| 141<br>(F) | 041966    | CONCRETE BARRIER (TYPE 736S)  | M               | 685                |            |            |
| 142<br>(F) | 041967    | CONCRETE BARRIER (TYPE 736S MODIFIED)                                       | M               | 32                 |            |            |
| 143        | 840515    | THERMOPLASTIC PAVEMENT MARKING  | M2              | 290                |            |            |
| 144        | 840561    | 100 MM THERMOPLASTIC TRAFFIC STRIPE   | M               | 17 400             |            |            |
| 145        | 840563    | 200 MM THERMOPLASTIC TRAFFIC STRIPE   | M               | 860                |            |            |
| 146        | 840568    | 100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 3.66 M - 0.92 M)                | M               | 190                |            |            |
| 147        | 840570    | 100 MM THERMOPLASTIC TRAFFIC STRIPE (BROKEN 10.98 M - 3.66 M)               | M               | 3980               |            |            |
| 148        | 850122    | PAVEMENT MARKER (RETROREFLECTIVE-RECESSED)                                  | EA              | 1600               |            |            |
| 149        | 860090    | MAINTAINING EXISTING TRAFFIC MANAGEMENT SYSTEM ELEMENTS DURING CONSTRUCTION | LS              | LUMP SUM           | LUMP SUM   |            |
| 150        | 860201    | SIGNAL AND LIGHTING   | LS              | LUMP SUM           | LUMP SUM   |            |
| 151        | 860401    | LIGHTING  | LS              | LUMP SUM           | LUMP SUM   |            |
| 152        | 860415    | LIGHTING (STAGE CONSTRUCTION)   | LS              | LUMP SUM           | LUMP SUM   |            |
| 153        | 860925    | TRAFFIC MONITORING STATION (COUNT)  | LS              | LUMP SUM           | LUMP SUM   |            |
| 154        |           | BLANK   |                 |                    |            |            |
| 155        | 150860    | REMOVE BASE AND SURFACING   | M3              | 860                |            |            |
| 156        | 620910    | 450 MM ALTERNATIVE PIPE CULVERT (TYPE A)                                    | M               | 320                |            |            |
| 157        | 620911    | 450 MM ALTERNATIVE PIPE CULVERT (TYPE B)                                    | M               | 53                 |            |            |
| 158        | 999990    | MOBILIZATION  | LS              | LUMP SUM           |            |            |

**TOTAL BID: \_\_\_\_\_**