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DEPARTMENT OF LABOR GENERAL WAGE
DECISION NUMBER DC20260001,
MODIFICATION NO. 3, DATED
01/23/2026

"General Decision Number: DC20260001 01/23/2026

Superseded General Decision Number: DC20250001

State: District of Columbia

Construction Types: Heavy (Heavy and Sewer and Water Line)
and Highway

County: District of Columbia Statewide.

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines);
HIGHWAY CONSTRUCTION PROJECTS

Modification Number	Publication Date
0	01/02/2026
1	01/09/2026
2	01/16/2026
3	01/23/2026

ASBE0024-001 10/01/2024

	Rates	Fringes
Asbestos Worker/Heat and Frost Insulator.....	\$ 40.77	20.17+a

Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

ASBE0024-002 10/01/2024

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER.....	\$ 24.46	10.19+a

Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from mechanical systems.

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

ASBE0024-005 10/01/2024

	Rates	Fringes
Fire Stop Technician.....	\$ 30.21	10.43+a

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

BOIL0193-001 01/01/2025

	Rates	Fringes
Boilermakers:.....	\$ 47.37	25.60

BRDC0001-001 04/27/2025

	Rates	Fringes
Bricklayer.....	\$ 38.80	15.17

BRMD0001-004 04/27/2025

	Rates	Fringes
BRICKLAYER Refractory (Firebrick).....	\$ 43.94	17.74

CARP0197-010 05/01/2024

	Rates	Fringes
Carpenter/Lather.....	\$ 34.41	14.33

CARP0219-001 05/01/2025

	Rates	Fringes
MILLWRIGHT.....	\$ 39.50	17.32

CARP0474-006 05/01/2024

	Rates	Fringes
PILEDRIVERMAN.....	\$ 36.60	14.47

CARP0474-007 05/01/2024

	Rates	Fringes
DIVER TENDER.....	\$ 36.60	14.47
DIVER.....	\$ 43.92	14.47

ELEC0026-001 06/02/2025

	Rates	Fringes
Electricians.....	\$ 59.50	23.06

ELEC0070-001 05/05/2024

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 44.56	22%+7.70
Equipment Operators.....	\$ 44.56	22%+7.70
Groundmen.....	\$ 18.00	22%+7.70
Linemen.....	\$ 44.56	22%+7.70
Truck Driver.....	\$ 23.00	22%+7.70

ENGI0077-001 05/01/2025

	Rates	Fringes
Power equipment operators: (HEAVY AND HIGHWAY CONSTRUCTION)		
GROUP 1.....	\$ 45.76	13.27+a
GROUP 2.....	\$ 43.44	13.27+a
GROUP 3.....	\$ 40.73	13.27+a
GROUP 4.....	\$ 36.31	13.27+a
GROUP 5.....	\$ 31.09	13.27+a
GROUP 6.....	\$ 28.39	13.27+a
GROUP 7.....	\$ 47.18	13.27+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Tower Cranes and Cranes 100 ton and over.

GROUP 2: 35 ton cranes & above, derricks, concrete boom pump, drill rigs (+50,000 lbs torque), mole, mechanic.

GROUP 3: Cranes, hoists, drill rigs (under 50,000 lbs torque), tie back machines, paving mixers, tunnel shovels, batch plants, shields, tunnel mining machines, draglines, mucking machines, graders in tunnels, pile driving engines, welder, horizontal directional drill operator, Tug boats.

GROUP 4: Front end loaders, boom trucks, backhoes, excavators, gradalls, power driven wheel scoops & scrapers, blade graders, motor graders, bulldozers, trenching machines, ballast regulator, hoe ram, locomotive (standard, narrow gauge, tuggers).

GROUP 5: Boilers (skelton), asphalt spreaders, bullfloat finishing machines, concrete finishing machines, concrete spreaders, concrete mixer, concrete pump, well points, hydraulic pumps, elevators, freeze uniits, tunnel motorman or dinky operator, conveyors, grout pump, fireman, ultra high pressure water jet cutting tool system operator/mechanic, horizontal directional drill locator, skid steers (fine grading), High lifts (lull type lifts).

GROUP 6: Fork lifts, ditch witch, bobcat, skid steer, space heaters, sweepers, assistant engineers, oilers, service unit equipment, roller.

GROUP 7: Master mechanic.

a. PAID HOLIDAYS: New Years Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

ENGI0077-002 06/01/2025

	Rates	Fringes
Power equipment operators: (PAVING AND INCIDENTAL GRADING)		
GROUP 1.....	\$ 37.07	11.17
GROUP 2.....	\$ 32.89	11.17
GROUP 3.....	\$ 28.09	11.17
GROUP 4.....	\$ 25.14	11.17
GROUP 5.....	\$ 37.93	10.97

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Gradall operator, Crane.

GROUP 2: Boom Truck, Milling Machine, Excavator, Rubber Tire Backhoe, Asphalt Paver, Asphalt Plant Engineer, Motor Grader, Track Loader, Rubber Tire Loader, Track Dozer, Concrete Paver.

GROUP 3: Broom Truck, Asphalt Roller.

GROUP 4: Air Compressor, Grade Rollers.

GROUP 5: Mechanic.

ENGI0077-003 07/01/2025

	Rates	Fringes
Power equipment operators: (SEWER, GAS AND WATER LINE CONSTRUCTION)		
GROUP 1.....	\$ 41.40	11.55+a
GROUP 2.....	\$ 35.00	11.55+a
GROUP 3.....	\$ 33.80	11.55+a
GROUP 4.....	\$ 33.26	11.55+a
GROUP 5.....	\$ 31.16	11.55+a
GROUP 6.....	\$ 25.89	11.55+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Cranes 50 ton and above.

GROUP 2: Cranes under 50 ton capacity, boom trucks.

GROUP 3: Gradall, Lead Mechanic.

GROUP 4: Excavators, Backhoes, Front-End Loaders, Fork Lift/Lull, Bulldozers, Motor Graders, Mechanic 1, Hydraulic Tamper and Hoe Pack, Paving Mixers, Pile Driving Engines, Batch Plant, Concrete Pumps, Low-Boy Driver, Lube Truck.

GROUP 5: Knuckle Boom, Trenching Machine, Well Drilling Machines, Concrete Mixers, Assistant Mechanic, Mini Excavator under 10,000 lbs. gross weight.

GROUP 6: Oiler, Dump Truck, Skid Steer/Bobcat, Rollers.

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, day after Thanksgiving Day and Christmas Day

IRON0005-005 06/01/2024

	Rates	Fringes
IRONWORKER, STRUCTURAL AND ORNAMENTAL.....	\$ 37.86	25.86

IRON0005-012 05/01/2024

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 31.88	23.78

LABO0011-003 06/01/2025

	Rates	Fringes
Laborers: (HEAVY AND HIGHWAY AND SEWER & WATER LINES CONSTRUCTION)		
GROUP 1.....	\$ 33.25	8.70
GROUP 2.....	\$ 34.27	8.70
GROUP 3.....	\$ 34.27	8.70
GROUP 4.....	\$ 34.32	8.70
GROUP 5.....	\$ 35.00	8.70
GROUP 6.....	\$ 35.93	8.70
GROUP 7.....	\$ 36.81	8.70
GROUP 8.....	\$ 37.95	8.70

LABORERS CLASSIFICATIONS:

GROUP 1: Carloaders, choker setter, concrete crewman, crushed feeder, demolition laborers, including salvaging all material, loading, cleaning up, wrecking, dumpmen, flagmen, fence erector and installer (other than chain link), including installation and erection of fence, guard rails, medial rails, reference posts, guide posts and right-of-way markers, form strippers, general laborers, railroad track laborers, riprap man, scale man, stake jumper, structure mover, includes foundation, separation, preparation, cribbing, shoring, jacking and unloading of structures, water nozzleman, timber bucker and faller, truck loader, water boys, tool room men.

GROUP 2: Combined air and water nozzleman, cement handler, dope pot fireman (nonmechanical), form cleaning machine, mechanical railroad equipment (includes spiker, puller, tile cleaner, tamper, pipe wrapper, power driven wheelbarrows, operators of hand derricks, towmasters, scootcretes, buggymobiles and similar equipment), tamper or rammer operator, trestle scaffold builders over one tier high, power tool operator (gas, electric or pneumatic), sandblast or gunnite tailhose man, scaffold erector, (steel or wood), vibrator operator (up to 4 feet), asphalt cutter, mortar men, shorer and lagger, creosote material handler, corrosive enamel or equl, paver breaker and jackhammer operators.

GROUP 3: Multi-section pipe layer, non-metallic clay and concrete pipe layer (including caulker, collarman, jointer, rigger and jacker, thermal welder and corrugated metal culvert pipe layer.

GROUP 4: Asphalt block pneumatic cutter, asphalt roller, walker, chainsaw operator with attachment, concrete saw (walking), high scalers, jackhammer operator (using over 6 feet of steel), vibrator operator (4 feet and over), well point installer, air trac operator.

GROUP 5: Asphalt screeder, big drills, cut of the hole drills (1 1/2 "" piston or larger), down the hole drills (3 1/2"" piston or larger) gunnite or sandblaster nozzleman, asphalt

raker, asphalt tamper, form setter, demolition torch operator, shotcrete nozzlemen and potman.

GROUP 6: Powderman, master form setters.

GROUP 7: Brick paver (asphalt block paver, asphalt block sawman, asphalt block grinder, hastings block or similar type)

GROUP 8: Licensed powdermen.

LAB00011-004 06/01/2025

	Rates	Fringes
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Laborers: (HAZARDOUS WASTE
REMOVAL, EXCEPT ON MECHANICAL
SYSTEMS:

Preparation for, removing and
encapsulation of hazardous
materials from non-mechanical
systems)

Skilled Asbestos Abatement Laborers.....	\$ 32.25	8.70
Skilled Toxic and Hazardous Waste Removal Laborers.....	\$ 32.25	8.70

LAB00011-005 06/01/2025

	Rates	Fringes
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Laborers: (TUNNEL, RAISE &
SHAFT (FREE AIR)
FOR HEAVY AND SEWER & WATER
LINES CONSTRUCTION)

GROUP 1.....	\$ 34.41	8.70
GROUP 2.....	\$ 35.48	8.70
GROUP 3.....	\$ 38.17	8.70
GROUP 4.....	\$ 39.29	8.70

LABORERS CLASSIFICATIONS:

GROUP 1: Brakeman, Bull Gang, Dumper, Trackmen, Concrete Man.

GROUP 2: Chuck Tender, Powdermen in Prime House, Form Setters
and Movers, Nippers, Cableman, Houseman, Groutman, Bell or
Signalman, Top or Bottom Vibrator Operator.

GROUP 3: Miners, Re-Bar Underground, Concrete or Gunnite
Nozzlemen, Powdermen, Timbermen and Re-Timbermen, Wood Steel
Including Liner plate or Other Support, Material Motorman,
Caulkers, Diamond Drill Operators, Riggers, Cement Finishers-
Underground, Welders and Burners, Shield Driver, Air Trac
Operator, Shotcrete Nozzlemen and Potman.

GROUP 4: Mucking Machine Operator (Air).

LAB00011-006 06/01/2025

	Rates	Fringes
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Laborers: (TUNNEL, RAISE AND
SHAFT (COMPRESSED AIR) FOR
HEAVY CONSTRUCTION ONLY

Gauge Pressure Work Period
(Pounds) (Hours)

1-14	7.....	\$ 44.04	8.70
14-18	6.....	\$ 51.82	8.70

FOOTNOTE: On any requirement for air pressure in excess of 18
PSI, work periods and rates should be negotiated at a
pre-bid conference.

LAB00011-007 09/01/2025

	Rates	Fringes
Laborers: (PAVING AND INCIDENTAL GRADING)		
Asphalt Raker & Concrete		
Saw Operator.....	\$ 24.30	8.74
Asphalt Shoveler.....	\$ 23.27	8.74
Asphalt Tamper & Concrete		
Shoveler.....	\$ 23.86	8.74
Jack Hammer.....	\$ 23.89	8.74
Laborer.....	\$ 23.06	8.74
Sand Setter & Form Setter...	\$ 25.10	8.74

LAB00011-008 06/01/2025

	Rates	Fringes
LABORERS (BRICK MASONRY WORK)		
Mason Tenders.....	\$ 24.31	8.70
Scaffold Builders, Mortarmen.....	\$ 24.96	8.70

MARB0002-003 04/27/2025

	Rates	Fringes
Marble & Stone Mason		
Includes Pointing, Caulking and Cleaning of All Types of Masonry, Brick, Stone and Cement Structures.....	\$ 45.65	21.21

MARB0003-001 04/27/2025

	Rates	Fringes
Mosaic & Terrazzo Worker, Tile Layer.....		
	\$ 34.34	14.20

MARB0003-004 04/27/2025

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....		
	\$ 28.85	12.55

PAIN0051-001 06/01/2025

	Rates	Fringes
Painters:		
All Industrial Work.....	\$ 34.30	12.98
Bridges, Heavy Highway, Lead Abatement and Flame/Thermal Spray.....	\$ 42.93	13.77
Commercial and Mold Remediation, Painters, Wallcovers and Drywall Finishers.....	\$ 29.16	11.86
Metal Polishing and		

Refinishing.....	\$ 28.46	11.56
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PLAS0891-001 03/01/2025

	Rates	Fringes
Cement Masons:		
HEAVY CONSTRUCTION ONLY.....	\$ 30.50	14.23

* PLAS0891-002 06/01/2025

	Rates	Fringes
Cement Masons: (PAVING & INCIDENTAL GRADING)		
Cement Masons.....	\$ 23.50	9.75
Concrete Saw Operators.....	\$ 23.50	9.75
Form Setters.....	\$ 23.50	9.75

PLUM0005-001 08/01/2025

	Rates	Fringes
Plumbers.....	\$ 53.30	23.71+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

PLUM0602-005 08/01/2025

	Rates	Fringes
Steamfitter, Refrigeration & Air Conditioning Mechanic.....	\$ 55.00	24.46+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

SHEE0100-001 11/01/2025

	Rates	Fringes
Sheet Metal Worker.....	\$ 53.42	23.20+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day

TEAM0639-001 06/01/2025

	Rates	Fringes
Truck drivers: (HEAVY & HIGHWAY CONSTRUCTION)		
Tractor trailer, Low Boy....	\$ 33.75	7.30+a
Truck Drivers.....	\$ 31.75	7.30+a

a. VACATION: Employees will receive one (1) week's paid

vacation after one (1) year of service.

TEAM0639-005 06/01/2025

	Rates	Fringes
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Truck drivers: (PAVING & INCIDENTAL GRADING)		
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All paving projects where the grading is incidental to the paving.....	\$ 31.75	7.30+a
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a. VACATION: Employees will receive one (1) week's paid
vacation after one (1) year of service.

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Note: Executive Order 13658 generally applies to contracts subject to the Davis-Bacon Act that were awarded on or between January 1, 2015 and January 29, 2022, and that have not been renewed or extended on or after January 30, 2022. Executive Order 13658 does not apply to contracts subject only to the Davis-Bacon Related Acts regardless of when they were awarded. If a contract is subject to Executive Order 13658, the contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025. The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under Executive Order 13658 is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey

is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

- a) a survey underlying a wage determination
- b) an existing published wage determination
- c) an initial WHD letter setting forth a position on a wage determination matter
- d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.

Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

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END OF GENERAL DECISION"

J.2

FHWA-1273, REQUIRED CONTRACT PROVISIONS, FEDERAL-AID CONSTRUCTION CONTRACTS (2023)

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program. Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b. (1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

(1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;

(2) the prime contractor remains responsible for the quality of the work of the leased employees;

(3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and

(4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.

2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.

b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contract). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

J.3

FHWA REQUIRED AFFIRMATIVE ACTION, EQUAL EMPLOYMENT OPPORTUNITY AND SUBCONTRACTING REQUIREMENTS AND ASSURANCES

**FHWA REQUIRED AFFIRMATIVE ACTION, EQUAL EMPLOYMENT OPPORTUNITY AND
SUBCONTRACTING REQUIREMENTS AND ASSURANCES**

I. SUBCONTRACTING REQUIREMENTS, EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS, AND DISADVANTAGED BUSINESS ENTERPRISE (DBE) ASSURANCE, AND DBE SUBCONTRACTING REQUIREMENTS

A. Prompt Payment to Subcontractors and Suppliers

1. The Contractor shall make payments to its subcontractors and suppliers for work satisfactorily performed no later than **7 calendar days** after receiving payment from the District.
2. The Contractor shall return all retainage to subcontractors no later than **7 calendar days** after the subcontractors work is satisfactorily completed.
3. The Contractor shall submit with its invoice a report of all subcontractor payments made and certificate that the Contractor has made timely payments to its subcontractors and suppliers.
4. The Contractor may not delay subcontractor or supplier payments beyond the time periods referenced above without good cause and prior written approval from DDOT.
5. This clause applies to all subcontracts (e.g., Disadvantaged Business Enterprises and Non-Disadvantaged Business Enterprises).

Failure to do so shall be grounds for appropriate action against the party involved (e.g., possible findings of non-responsibility for future contracts and/or when available or permitted, progressive contractual remedies to include suspension and debarment).

For payments to DBE subcontractor's only, the Contractor shall email the report on all payments to subcontractors, along with scanned copies of all cancelled checks to DBE subcontractors, to the DDOT Office of Civil Rights, at ddot.dbecompliance@dc.gov. The Contractor must email DDOT Office of Civil Rights by the 15th of the month for the previous month's activity, whether any DBE activity actually occurred.

B. Contract Compliance System

The Contractor shall submit, review and update information regarding payments to subcontractors in the Contract Compliance System ("the System"), which may be accessed at <https://ddot.dbesystem.com>. The Contracting Officer will provide information to the Contractor on how to access the System upon Contract award. If such information is not provided for any reason, it is the Contractor's responsibility to request the information.

The Contractor must initially log in to the System within 10 business days of Notice to Proceed to submit preliminary information and subsequently make updates to the System on a monthly basis. The Contractor is responsible for the accuracy of all information, including information submitted by subcontractors, entered into the system for this Contract. The DDOT Office of Civil Rights may require that the Contractor provide additional information at any time before, during, or after Contract award.

Information required in the System includes:

1. All signed subcontract agreements;
2. Payment by DDOT to the Contractor; and
3. Payment to subcontractors.

The Contractor must submit a Subcontractor Payment Form along with a copy of all cancelled check payments to DBE firms and all other subcontractors by the 15th of the month for the previous month's activity. The Subcontractor Payment Form must be submitted monthly, even if there was no subcontracting activity in the previous month. Failure to do so shall be grounds for appropriate action against the party involved (e.g., findings of non-responsibility for future contracts and/or progressive contractual and other legal remedies including suspension and debarment).

The Contractor shall submit a report of all payments to subcontractors no later than the 15th of the month following the month of the payment activity, whether any such activity actually occurred.

In addition to any remedies available to the District under the Contract, failure to meet the requirements of this Special Provision is grounds for appropriate action by the District against the Contractor, including, but not limited to, findings of non-responsibility for future contracts, and/or progressive contractual and other legal remedies including suspension and debarment) suspension or debarment.

C. Non-Discrimination Assurance

The Contractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Contractor shall carry out all the applicable requirements of 49 C.F.R. Part 26 in the award and administration of USDOT-assisted contracts. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this Contract or such other remedy as the District deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages;
- (4) Disqualifying the contractor from future bidding as non-responsible.

Furthermore, Title VI of the Civil Rights Act of 1964, and civil rights provisions of other federal statutes assures that no person or group of persons may, on the grounds of race, color, national origin, sex, age, handicap or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any and all programs or activities administered by DDOT. For further information regarding Title VI and related civil rights laws, please contact the DDOT Office of Civil Rights, 55 M Street S.E. 7th Floor. Washington, DC 20003. The telephone number is: (202) 671-2620.

The Contractor, as well as all sub-consultants, subcontractors, suppliers and service providers, must ensure equal opportunity for all subcontractors and suppliers that participate on this Project. The Contractor shall require that this provision be included in all subcontracts, purchase orders and service agreements of any tier on this Project.

D. DBE Subcontracting Requirements: DBE Utilization Goal

This Section D applies if the Contract has a specific numerical DBE Utilization goal. The Contractor shall be required to meet the DBE Utilization goal as a material term of the contract. A Contractor's failure to carry out its commitment regarding DBE participation in the course of performance under the Contract may constitute a material breach of the Contract; and failure to meet commitments may result in withholding of payments under the Contract, contractual remedies, disqualification and any other contractual or legal remedy available. It is the Contractor's responsibility to timely report on its DBE participation.

Since a DBE contract goal has been established for this contract, only bidders who demonstrate good faith efforts to meet this goal will be considered responsive by either:

- a. Providing a DBE Plan that meets the DBE goal of this Contract; or
- b. Providing documentation that it has made good faith efforts to meet the goal (see below).

D.1. DBE Plan Requirements

A DBE Plan must include at a minimum:

- a. The names and addresses of DBE firms that will participate in the contract;
- b. A description of the work that each DBE will perform;
- c. The dollar amount of the participation of each DBE firm participating;
- d. Written documentation of the bidder/offeror's commitment to use a DBE subcontractor whose participation it submits to meet a contract goal; and
- e. Written confirmation from the DBE that it is participating in the contract as provided in the prime contractor's commitment.

Documentation that a Contractor has made a good faith effort to meet the DBE goal must provide evidence that it made an adequate good faith effort to meet the goal, even though it did not succeed. Good faith effort means that the Contractor took all necessary and reasonable steps to achieve a DBE goal that could reasonably be expected to obtain sufficient DBE participation.

D.2. Good Faith Efforts

The following is a list of the types of actions which will be considered as part of the Contractor's good faith efforts to obtain DBE participation. It is not intended to be a mandatory checklist, nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases. See 49 CFR Part 26, Appendix A, for more detail.

- a. Conducting market research to identify small business contractors and suppliers and soliciting through all reasonable and available means (e.g., attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the Contract. The prime contractor must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The prime contractor should solicit this interest as early in the acquisition process as practicable to allow the DBEs to respond to the solicitation and submit a timely offer for the subcontract. The prime contractor must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
- b. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own force.
- c. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- d. 1. Negotiating in good faith with interested DBEs. It is the prime contractor's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

2. A Contractor using good business judgment should consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and should take a firm's price and capabilities as well as contract goals into consideration. That there may be some additional costs involved in finding and using DBEs is not, in itself, sufficient reason for a prime contractor's failure to meet the contract DBE goal, as long as such costs are reasonable. Moreover, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the prime contractor of the responsibility to make good faith efforts. Contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

- e. 1. Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal. Another practice considered an insufficient good faith effort is the rejection of the DBE because its quotation for the work was not the lowest received. However, nothing in this paragraph shall be construed to require the prime contractor to accept unreasonable quotes in order to satisfy contract goals.

2. A Contractor's inability to find a replacement DBE at the original price is not alone sufficient to support a finding that good faith efforts have been made to replace the original DBE. The fact that the contractor has the ability and/or desire to perform the contract work with its own forces does not relieve the contractor of the obligation to make good faith efforts to find a replacement DBE, and it is not a sound basis for rejecting a prospective replacement DBE's reasonable quote.

- f. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the DDOT or contractor.
- g. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- h. Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

In determining whether a bidder has made good faith efforts, you must, at a minimum, review the performance of other bidders in meeting the contract goal. 49 CFR Part 26, Appendix A, Section V

Also note that a promise by a Contractor to use DBEs after contract award is not considered to be responsive to the contract solicitation or to constitute good faith efforts.

D.3 DBE Substitutions

The DDOT Office of Civil Rights takes the process of substitution of DBE firms on federal-aid contracts seriously. Therefore, substitution of DBE firms will not be considered without proper written documentation and until all efforts to correct any disagreements have been made and both parties agree to the substitution.

In addition to requiring prior written approval from the Contracting Officer, the Contractor shall not terminate or substitute a DBE without the prior written consent of the DDOT Office of Civil Rights and unless all requirements in 49 CFR Part 26.53 (f)(1)-(6) are met. If a substitution is necessary the new firm must be within the same NAICS Code as the previous DBE firm. The Contractor shall submit all requests for terminations or substitutions to the Contracting Officer and to the Office of Civil Rights at ddot.dbecompliance@dc.gov. The Contracting Officer will coordinate with the Office of Civil Rights.

E. DBE Subcontracting Requirements: No Specific DBE Utilization Goals

This Paragraph I.E applies when the contract does not contain any specific numerical DBE Utilization Goals. Although no numeric DBE goal is assigned to this contract, the Contractor, sub-recipient, sub-consultant or subcontractor should make every reasonable effort to solicit DBE firms to participate as sub-consultants, subcontractors, service providers and suppliers on this project.

The Contractor may find DBE firms certified by the DDOT Unified Certification Program in DDOT's Disadvantaged Business Enterprise (DBE) Directory. The DBE Directory can be found at the following website: <http://ddotfiles.com/db/DBE/dbe.php>.

DBE Directory:

Our DBE Directory is a great resource for our Prime Contractors to identify partners that are DBE Certificated with DDOT and Washington Metropolitan Area Transit Authority. Our DBE Directory is updated daily.

<http://ddotfiles.com/db/DBE/dbe.php>

If a proposed partner of the Prime Contractors is not in the DDOT DBE Directory, please contact our office.

II. EQUAL OPPORTUNITY REQUIREMENTS [41 CFR 60-1.4(b)]

During the performance of this Contract, the Contractor agrees as follows:

(1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity or national origin. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, sexual orientation, gender identity or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

(2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.

(3) The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

(4) The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

(5) The Contractor will comply with all provisions of executive order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor ("Secretary").

(6) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary, or pursuant thereto, and will permit access to his books, records, and accounts by the administering

agency and the Secretary for purposes of investigation to ascertain compliance with such rules, regulations, and orders.

(6) In the event of the Contractor's noncompliance with the nondiscrimination clauses of this Contract or with any of the said rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary, or as otherwise provided by law.

(7) The Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: *provided, however*, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor as a result of such direction by the administering agency the Contractor may request the United States to enter into such litigation to protect the interests of the United States.

III. STANDARD FEDERAL EQUAL EMPLOYMENT OPPORTUNITY CONSTRUCTION CONTRACT SPECIFICATIONS (EXECUTIVE ORDER 11246) [41 CFR 60-4.3(a)]

1. As used in these specifications:
 - a. "Covered area" means the geographical area described in the solicitation from which this contract resulted;
 - b. "Director" means Director, Office of Federal Contract Compliance Programs, United States Department of Labor, or any person to whom the Director delegates authority;
 - c. "Employer identification number" means the Federal Social Security number used on the Employer's Quarterly Federal Tax Return, U.S. Treasury Department Form 941.
 - d. "Minority" includes:
 - (i) Black (all persons having origins in any of the Black African racial groups not of Hispanic origin);
 - (ii) Hispanic (all persons of Mexican, Puerto Rican, Cuban, Central or South American or other Spanish Culture or origin, regardless of race);
 - (iii) Asian and Pacific Islander (all persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands); and
 - (iv) American Indian or Alaskan Native (all persons having origins in any of the original peoples of North America and maintaining identifiable tribal affiliations through membership and participation or community identification).
2. Whenever the Contractor, or any subcontractor at any tier, subcontracts a portion of the work involving any construction trade, it shall physically include in each subcontract in excess of \$10,000 the provisions of these specifications and the Notice which contains the applicable goals for minority and female participation and which is set forth in the solicitation from which this contract resulted.
3. If the Contractor is participating (pursuant to 41 CFR 60-4.5) in a Hometown Plan approved by the U.S. Department of Labor in the covered area either individually or through an association, its affirmative action obligations on all work in the Plan area (including goals and timetables) shall be in accordance with that Plan for those trades which have unions participating in the Plan. Contractors must be able to demonstrate their participation in and compliance with the provisions of any such Hometown Plan. Each Contractor or subcontractor participating in an approved Plan is individually required to comply with its obligations under the EEO clause, and to make a good faith effort to achieve each goal under the Plan in each trade in which it has employees. The overall good faith performance by other Contractors or subcontractors toward a goal in an approved Plan does not excuse any covered Contractor's or subcontractor's failure to take good faith efforts to achieve the Plan goals and timetables.

4. The Contractor shall implement the specific affirmative action standards provided in paragraphs 7 a through p of these specifications. The goals set forth in the solicitation from which this contract resulted are expressed as percentages of the total hours of employment and training of minority and female utilization the Contractor should reasonably be able to achieve in each construction trade in which it has employees in the covered area. Covered construction contractors performing construction work in geographical areas where they do not have a federal or federally assisted construction contract shall apply the minority and female goals established for the geographical area where the work is being performed. Goals are published periodically in the FEDERAL REGISTER in notice form, and such notices may be obtained from any Office of Federal Contract Compliance Programs office or from federal procurement contracting officers. The Contractor is expected to make substantially uniform progress in meeting its goals in each craft during the period specified.
5. Neither the provisions of any collective bargaining agreement, nor the failure by a union with whom the Contractor has a collective bargaining agreement, to refer either minorities or women shall excuse the Contractor's obligations under these specifications, Executive Order 11246, or the regulations promulgated pursuant thereto.
6. In order for the nonworking training hours of apprentices and trainees to be counted in meeting the goals, such apprentices and trainees must be employed by the Contractor during the training period, and the Contractor must have made a commitment to employ the apprentices and trainees at the completion of their training, subject to the availability of employment opportunities. Trainees must be trained pursuant to training programs approved by the U.S. Department of Labor.
7. The Contractor shall take specific affirmative actions to ensure equal employment opportunity. The evaluation of the Contractor's compliance with these specifications shall be based upon its effort to achieve maximum results from its actions. The Contractor shall document these efforts fully, and shall implement affirmative action steps at least as extensive as the following:
 - a. Ensure and maintain a working environment free of harassment, intimidation, and coercion at all sites, and in all facilities at which the Contractor's employees are assigned to work. The Contractor, where possible, will assign two or more women to each construction project. The Contractor shall specifically ensure that all foremen, superintendents, and other on-site supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment, with specific attention to minority or female individuals working at such sites or in such facilities.
 - b. Establish and maintain a current list of minority and female recruitment sources, provide written notification to minority and female recruitment sources and to community organizations when the Contractor or its unions have employment opportunities available, and maintain a record of the organizations' responses.
 - c. Maintain a current file of the names, addresses and telephone numbers of each minority and female off-the-street applicant and minority or female referral from a

union, a recruitment source or community organization and of what action was taken with respect to each such individual. If such individual was sent to the union hiring hall for referral and was not referred back to the Contractor by the union or, if referred, not employed by the Contractor, this shall be documented in the file with the reason therefor, along with whatever additional actions the Contractor may have taken.

- d. Provide immediate written notification to the Director when the union or unions with which the Contractor has a collective bargaining agreement has not referred to the Contractor a minority person or woman sent by the Contractor, or when the Contractor has other information that the union referral process has impeded the Contractor's efforts to meet its obligations.
- e. Develop on-the-job training opportunities and/or participate in training programs for the area which expressly include minorities and women, including upgrading programs and apprenticeship and trainee programs relevant to the Contractor's employment needs, especially those programs funded or approved by the Department of Labor. The Contractor shall provide notice of these programs to the sources compiled under 7b above.
- f. Disseminate the Contractor's EEO policy by providing notice of the policy to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its EEO obligations; by including it in any policy manual and collective bargaining agreement; by publicizing it in the company newspaper, annual report, etc.; by specific review of the policy with all management personnel and with all minority and female employees at least once a year; and by posting the company EEO policy on bulletin boards accessible to all employees at each location where construction work is performed.
- g. Review, at least annually, the company's EEO policy and affirmative action obligations under these specifications with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions including specific review of these items with onsite supervisory personnel such as Superintendents, General Foremen, etc., prior to the initiation of construction work at any job site. A written record shall be made and maintained identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.
- h. Disseminate the Contractor's EEO policy externally by including it in any advertising in the news media, specifically including minority and female news media, and providing written notification to and discussing the Contractor's EEO policy with other Contractors and subcontractors with whom the Contractor does or anticipates doing business.
- i. Direct its recruitment efforts, both oral and written, to minority, female and community organizations, to schools with minority and female students and to minority and female recruitment and training organizations serving the Contractor's

recruitment area and employment needs. Not later than one month prior to the date for the acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall send written notification to organizations such as the above, describing the openings, screening procedures, and tests to be used in the selection process.

- j. Encourage present minority and female employees to recruit other minority persons and women and, where reasonable, provide after school, summer and vacation employment to minority and female youth both on the site and in other areas of a Contractor's work force.
 - k. Validate all tests and other selection requirements where there is an obligation to do so under 41 CFR part 60-3.
 - l. Conduct, at least annually, an inventory and evaluation of all minority and female personnel for promotional opportunities and encourage these employees to seek or to prepare for, through appropriate training, etc., such opportunities.
 - m. Ensure that seniority practices, job classifications, work assignments and other personnel practices, do not have a discriminatory effect by continually monitoring all personnel and employment related activities to ensure that the EEO policy and the Contractor's obligations under these specifications are being carried out.
 - n. Ensure that all facilities and company activities are non-segregated except that separate or single-user toilet and necessary changing facilities shall be provided to assure privacy between the sexes.
 - o. Document and maintain a record of all solicitations of offers for subcontracts from minority and female construction contractors and suppliers, including circulation of solicitations to minority and female contractor associations and other business associations.
 - p. Conduct a review, at least annually, of all supervisors' adherence to and performance under the Contractor's EEO policies and affirmative action obligations.
8. Contractors are encouraged to participate in voluntary associations which assist in fulfilling one or more of their affirmative action obligations (7a through p). The efforts of a contractor association, joint contractor-union, contractor-community, or other similar group of which the Contractor is a member and participant, may be asserted as fulfilling any one or more of its obligations under 7a through p of these specifications provided that the Contractor actively participates in the group, makes every effort to assure that the group has a positive impact on the employment of minorities and women in the industry, ensures that the concrete benefits of the program are reflected in the Contractor's minority and female workforce participation, makes a good faith effort to meet its individual goals and timetables, and can provide access to documentation which demonstrates the effectiveness of actions taken on behalf of the Contractor. The obligation to comply, however, is the Contractor's and failure of such a group to fulfill an obligation shall not be a defense for the Contractor's noncompliance.

9. A single goal for minorities and a separate single goal for women have been established. The Contractor, however, is required to provide equal employment opportunity and to take affirmative action for all minority groups, both male and female, and all women, both minority and non-minority. Consequently, the Contractor may be in violation of the Executive Order if a particular group is employed in a substantially disparate manner (for example, even though the Contractor has achieved its goals for women generally, the Contractor may be in violation of the Executive Order if a specific minority group of women is underutilized).

10. The Contractor shall not use the goals and timetables or affirmative action standards to discriminate against any person because of race, color, religion, sex, sexual orientation, gender identity, or national origin.

11. The Contractor shall not enter into any subcontract with any person or firm debarred from government contracts pursuant to Executive Order 11246.

12. The Contractor shall carry out such sanctions and penalties for violation of these specifications and of the Equal Opportunity Clause, including suspension, termination and cancellation of existing subcontracts as may be imposed or ordered pursuant to Executive Order 11246, as amended, and its implementing regulations, by the Office of Federal Contract Compliance Programs. Any Contractor who fails to carry out such sanctions and penalties shall be in violation of these specifications and Executive Order 11246, as amended.

13. The Contractor, in fulfilling its obligations under these specifications, shall implement specific affirmative action steps, at least as extensive as those standards prescribed in paragraph 7 of these specifications, so as to achieve maximum results from its efforts to ensure equal employment opportunity. If the Contractor fails to comply with the requirements of the Executive Order, the implementing regulations, or these specifications, the Director shall proceed in accordance with 41 CFR 60-4.8.

14. The Contractor shall designate a responsible official to monitor all employment related activity to ensure that the company EEO policy is being carried out, to submit reports relating to the provisions hereof as may be required by the Government and to keep records. Records shall at least include for each employee the name, address, telephone numbers, construction trade, union affiliation if any, employee identification number when assigned, social security number, race, sex, status (e.g., mechanic, apprentice trainee, helper, or laborer), dates of changes in status, hours worked per week in the indicated trade, rate of pay, and locations at which the work was performed. Records shall be maintained in an easily understandable and retrievable form; however, to the degree that existing records satisfy this requirement, contractors shall not be required to maintain separate records.

15. Nothing herein provided shall be construed as a limitation upon the application of other laws which establish different standards of compliance or upon the application of requirements for the hiring of local or other area residents (e.g., those under the Public Works Employment Act of 1977 and the Community Development Block Grant Program).

J.5

23 CFR 230, SUBPART A, APPENDIX A – SPECIAL PROVISIONS EEO RESPONSIBILITIES

APPENDIX A--SPECIAL PROVISIONS

SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES

1. General

- a. Equal employment opportunity requirements not to discriminate and to take affirmative action to assure equal employment opportunity as required by Executive Order 11246 and Executive Order 11375 are set forth in Required Contract Provisions (Form FHWA -1273 or 1316, as appropriate) and these Special Provisions which are imposed pursuant to Section 140 of Title 23, U.S.C., as established by Section 22 of the Federal-Aid Highway Act of 1968. The requirements set forth in these Special Provisions shall constitute the specific affirmative action requirements for project activities under this contract and supplement the equal employment opportunity requirements set forth in the Required Contract Provisions.
- b. The contractor will work with the State highway agencies and the Federal Government in carrying out equal employment opportunity obligations and in the review of his/her activities under the contract.
- c. The contractor and all his/her subcontractors holding subcontracts not including material suppliers, of \$10,000 or more, will comply with the following minimum specific requirement activities of equal employment opportunity: (The equal employment opportunity requirements of Executive Order 11246, as set forth in Volume 6, Chapter 4, Section 1, Subsection 1 of the Federal-Aid Highway Program Manual, are applicable to material suppliers as well as contractors and subcontractors.) The contractor will include these requirements in every subcontract of \$10,000 or more with such modification of language as is necessary to make them binding on the subcontractor.

2. **Equal Employment Opportunity Policy.** The contractor will accept as his/her operating policy the following statement which is designed to further the provision of equal employment opportunity to all persons without regard to their race, color, religion, sex or national origin, and to promote the full realization of equal employment opportunity through a positive continuing program:

It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, or national origin. Such action shall include: employment, upgrading, demotion or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, preapprenticeship, and/or on-the-job training.

3. **Equal Employment Opportunity Officer.** The contractor will designate and make known to the State highway agency contracting officers and equal employment opportunity officer (hereinafter referred to as the EEO Officer) who will have the responsibility for and must be capable of effectively administering and promoting an active contractor program of equal employment opportunity and who must be assigned adequate authority and responsibility to do so.

4. **Dissemination of Policy**

- a. All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's equal employment opportunity policy and contractual responsibilities to provide equal employment in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:
 - (1) Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's equal employment opportunity policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer or other knowledgeable company official.
 - (2) All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer or other knowledgeable company official, covering all major aspects of the contractor's equal employment opportunity obligations within thirty days following their reporting for duty with the contractor.
 - (3) All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer or appropriate company official in the contractor's procedures for locating and hiring minority group employees.
- b. In order to make the contractor's equal employment opportunity policy known to all employees, prospective employees and potential sources of employees, i.e., schools, employment agencies, labor unions (where appropriate), college placement officers, etc., the contractor will take the following actions:
 - (1) Notices and posters setting forth the contractor's equal employment opportunity policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.
 - (2) The contractor's equal employment opportunity policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, other appropriate means.

5. **Recruitment**

- a. When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be published in newspapers or other publications having a large circulation among minority groups in the area from which the project work force would normally be derived.
- b. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minority group applicants, including, but not limited to, State employment agencies, schools, colleges and minority group organizations. To meet this requirement, the contractor will, through his EEO Officer, identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority group applicants may be referred to the contractor for employment consideration.

In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, he is expected to observe the provisions of that agreement to the extent that the system permits the contractor's compliance with equal employment opportunity contract provisions. (The U.S. Department of Labor has held that where implementation of such agreements have the effect of discriminating against minorities or women, or obligates the contractors to do the same, such implementation violates Executive Order 11246, as amended.)

- c. The contractor will encourage his present employees to refer minority group applicants for employment by posting appropriate notices or bulletins in areas accessible to all such employees. In addition, information and procedures with regard to referring minority group applicants will be discussed with employees.
6. **Personnel Actions.** Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, or national origin. The following procedures shall be followed:
- a. The contractor will conduct periodic inspections of project sites to ensure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.
 - b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.
 - c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.
 - d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with his obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include

such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of his avenues of appeal.

7. **Training and Promotion.**

- a. The contractor will assist in locating, qualifying, and increasing the skills of minority group and women employees, and applicants for employment.
- b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. In the event the Training Special Provision is provided under this contract, this subparagraph will be superseded as indicated in Attachment 2.
- c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.
- d. The contractor will periodically review the training and promotion potential of minority group and women employees and will encourage eligible employees to apply for such training and promotion.

8. **Unions.** If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use his/her best efforts to obtain the cooperation of such unions to increase opportunities for minority groups and women within the unions, and to effect referrals by such unions of minority and female employees. Actions by the contractor either directly or through a contractor's association acting as agent will include the procedures set forth below:

- a. The contractor will use best efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minority group members and women for membership in the unions and increasing the skills of minority group employees and women so that they may qualify for higher paying employment.
- b. The contractor will use best efforts to incorporate an equal employment opportunity clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, or national origin.
- c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the State highway department and shall set forth what efforts have been made to obtain such information.
- d. In the event the union is unable to provide the contractor with a reasonable flow of minority and women referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, or national origin; making full efforts to obtain qualified and/or qualifiable minority group

persons and women. (The U.S. Department of Labor has held that it shall be no excuse that the union with which the contractor has a collective bargaining agreement providing for exclusive referral failed to refer minority employees.) In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the State highway agency.

9. **Subcontracting**

- a. The contractor will use his best efforts to solicit bids from and to utilize minority group subcontractors or subcontractors with meaningful minority group and female representation among their employees. Contractors shall obtain lists of minority-owned construction firms from State highway agency personnel.
- b. The contractor will use his best efforts to ensure subcontractor compliance with their equal employment opportunity obligations.

10. **Records and receipts**

- a. The contractor will keep such records as are necessary to determine compliance with the contractor's equal employment opportunity obligations. The records kept by the contractor will be designed to indicate:
 - (1) The number of minority and non-minority group members and women employed in each work classification on the project.
 - (2) The progress and efforts being made in cooperation with unions to increase employment opportunities for minorities and women (applicable only to contractors who rely in whole or in part on unions as a source of their work force).
 - (3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minority and female employees, and
 - (4) The progress and efforts being made in securing the services of minority group subcontractors or subcontractors with meaningful minority and female representation among their employees.
- b. All such records must be retained for a period of three years following completion of the contract work and shall be available at reasonable times and places for inspection by authorized representatives of the State highway agency and the Federal Highway Administration.

- c. The contractors will submit an annual report to the State highway agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form PR 1391. If on-the-job training is being required by "Training Special Provision", the contractor will be required to furnish Form FHWA 1409.

(40 FR 28053, July 3, 1975, as amended at 43 FR 19386, May 5, 1978. Correctly redesignated at 46 FR 21156, April 9, 1981.)

Revised 8/88

J.7

**SUBCONTRACTOR APPROVAL REQUEST FORM
(DDOT FORM 120-KA)**

DDOT SUBCONTRACTOR APPROVAL REQUEST

(1) Project Name		(2) Invitation No.	
(3) Prime Contractor's Name		(4) Address	
(5) Estimated Starting Date		(6) Estimated Completion Date	(7) F.A.P. #
(8) Subcontractor's Name, Address & Phone No.		(9) Number of Subcontractor Employees in Workforce	(10) Number of DC Residents employed
(11) Pay Item	Item Description	Dollars	Cents
Check Items listed below (13-16) that are included in subcontract agreement		(12) See Attached For Additional Descriptions or Remarks	
(13) (All Projects) <div style="display: flex; justify-content: space-between;"> <div>Contract Wage Schedule</div> <div style="text-align: center;"> Yes No ☐ ☐ </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>DBE/MBE Policy Statement</div> <div style="text-align: center;"> ☐ ☐ </div> </div>			
(14) (Federal-Aid Projects) Form FHWA-1273 (Required Contract Provisions)		☐	☐
(Non-Federal Aid Projects) (Required Contract Provisions)		☐	☐
(15) (Federal-Aid Projects When Subcontractor Will Receive Over \$10,000) On-Site Work Force Affirmative Action Requirements for Women and Minorities-Special Conditions		☐	☐
(16) Subcontractor's Certification of Nondiscrimination in Employment (Form Included in Bid Proposal)		☐	☐
(17) FHWA On-The-Job Training (To Be Provided by Subcontractor)		☐	☐
(18) I Request the Contracting Officer's Approval of this Subcontract and Certify that the Organization which will Perform this Work is Capable, has not been Debarred and that the Work will be Performed in Accordance with the Contract Specifications. I Further Certify that all Required Contract Provisions are Physically Included as Part of the Subcontract Agreement.			
PRIME CONTRACTOR'S REPRESENTATIVE _____		TITLE _____	DATE _____
THE INFORMATION BELOW IS COMPLETED BY THE DEPARTMENT			
<u>REVIEW AND DISTRIBUTION AFTER APPROVAL</u> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>CONTRACT COMPLIANCE _____</div> <div>DATE _____</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>PROJECT ENGINEER/MANAGER _____</div> <div>DATE _____</div> </div>		<u>APPROVAL OF SUBCONTRACT IS HEREBY GIVEN</u> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>CONTRACTING OFFICER _____ DC DEPARTMENT OF TRANSPORTATION</div> <div>DATE _____</div> </div>	

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DDOT MONTHLY EQUAL EMPLOYMENT OPPORTUNITY UTILIZATION REPORT

CONTRACT NO.		DISTRICT DEPARTMENT OF TRANSPORTATION MONTHLY EQUAL EMPLOYMENT OPPORTUNITY REPORT				1. REPORTING PERIOD FROM / / TO: / /							
This report is required by the District Department of Transportation pursuant to Equal Employment Opportunity requirements of the referenced contract. Failure to report may result in suspension of payments under this contract.													
2. PROJECT NAME, LOCATION AND % COMPLETED WARD %		3. CONTRACTOR'S NAME: MINORITY SUB [] [] NON-MIN PRIME [] []				4. CONTRACT AMOUNT \$							
5. CONSTRUCTION TRADE	Classifications	6. WORK-HOUR OF EMPLOYMENT										9. TOTAL NUMBER OF EMPLOYEES M F	10. TOTAL NUMBER OF MINORITY EMPLOYEES M F
		6a. TOTAL ALL EMPLOYEE BY TRADE M F	6b. BLACK (Not of Hispanic Origin) M F	6c. HISPANIC M F	6d. ASIAN OR PACIFIC ISLANDERS M F	6e. AMERICAN INDIAN OR ALASKAN NATIVE M F	7. MINORITY PERCENTAGE	8. FEMALE PERCENTAGE					
	Journey Worker												
	APPRENTICE												
	Helper/Laborer												
	SUB-TOTAL												
	Journey Worker												
	APPRENTICE												
	Helper/Laborer												
	SUB-TOTAL												
	Journey Worker												
	APPRENTICE												
	Helper/Laborer												
	SUB-TOTAL												
	Journey Worker												
	APPRENTICE												
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	Helper/Laborer												
	SUB-TOTAL												
	Journey Worker												
	APPRENTICE												
	Helper/Laborer												
	SUB-TOTAL												
	TOTAL JOURNEY WORKERS												
	TOTAL APPRENTICES												
	TOTAL HELPERS/LABORERS												
	GRAND TOTAL												
11. COMPANY OFFICIAL'S SIGNATURE AND TITLE		12. TELEPHONE NUMBER (include area code)				13. DATE SIGNED				14. PAGE 1 OF 2			

INSTRUCTIONS FOR FILING MONTHLY EQUAL EMPLOYMENT OPPORTUNITY REPORT (AARU-102)

The Monthly Equal Employment Opportunity Report is to be completed by each subject contractor (both prime and sub) and signed by a responsible official of the company. The reports are filed by the 5th day of each month during the term of the contract, and they shall include the total work-hours for each employee classification in each trade in the covered area for the monthly reporting period. The prime contractor shall submit this report for each project work force and collect and submit reports for each subcontractor's project work force to the Contracting Officer, Department of Transportation. Additional copies of this form may be obtained from the Department of Transportation, Telephone No. 202/671-2270.

Compliance Agency	D. C. Government agency assigned responsibility for equal opportunity. (Secure this information from the contracting agency responsible for the construction project.)
Contracting Agency	D. C. Government agency funding project (in whole or in part). If more than one agency, list all.
Contractor	Any contractor who has a construction contract with D. C. Government or a contract funded in whole or in part with D. C. Government funds.
Minority	Includes Blacks, Hispanics, American Indians, Alaskan Natives, and Asian and Pacific Islanders--both men and women.
1. Reporting	Monthly, or as directed by the compliance agency, beginning with the effective date of the contract.
2. Project	Project name, location(s), contract number and percent completed. List ward in which project is located.
3. Contractor	Contractor's name and address. Check appropriate boxes--minority or non-minority, prime or sub.
4. Contracting Agency	Name(s) of contracting agency(s) funding or supervising project. List contract amount for each contract.
5. Construction Trade	Only those construction trades which contractor employs on this project.
6. Work-Hours of Employment(a-e)	a: The total number of male hours and the total number of female hours worked by employees in each classification. b-e: The total number of male hours and the total number of female hours worked by each specified group of minority employees in each classification.
Classification	The level of accomplishment or status of the worker in the trade (Journey Worker, Apprentice, Helper/Laborer).
7. Minority Percentage	The percentage of total minority work-hours of all work-hours (the sum of columns 6b, 6c, 6d, and 6e divided by column 6a; just one figure for each construction trade).
8. Female Percentage	For each trade the number reported in 6a, (F divided by the sum of the number of reported in 6a M and F).
9. Total Number of Employees	Total number of male and total number of female employees working in each classification of each trade in the contractor's project work force during reporting period.
10. Total Number of Minority Employees	Total number of male minority employees and total number of female minority employees working in each classification in each trade in contractor's project work force during reporting period.

J.9

**EQUAL EMPLOYMENT
OPPORTUNITY/AFFIRMATIVE ACTION
REQUIREMENTS**

EQUAL EMPLOYMENT OPPORTUNITY/AFFIRMATIVE ACTION REQUIREMENTS

AFFIRMATIVE ACTION PROGRAM:

Submission by the contractor and all subcontractors of an Affirmative Action Plan, is a requirement of this contract. These Affirmative Action Plans must be received by the Contracting Officer, Office of Contracting and Procurement, District Department of Transportation, 250 M Street, S.E. 7th Floor, Washington, DC 20003 within five (5) working days subsequent to the bid opening. Failure to comply in a timely manner may render the bid non-responsible.

APPLICABILITY OF LAW REGARDING EQUAL EMPLOYMENT OPPORTUNITY

The Equal Employment Opportunity Provision of Section 230, Title 23, United States Code applies to this federally aided contract. Sections 102.04, 103.02(E) and (H) of the Standard Specifications for Highways and Structures dated 2009 do not apply. All references to Mayor's Order 85-85 should be disregarded.

APPRENTICESHIP PROGRAM

All prime Contractors and subcontractors who contract with the District of Columbia Government to perform construction or renovation work with a single contract or cumulative contracts of a least \$500,000.00 let within a twelve (12) month period, shall be required to register an apprenticeship program with the District of Columbia Apprenticeship Council. (D.C. Code 36-404 (1988)).

APPRENTICES AND TRAINEES

This S.P. supplements APPRENTICES AND TRAINEES, Article 3 of STANDARD CONTRACT PROVISIONS FOR USE WITH SPECIFICATIONS FOR DISTRICT GOVERNMENT CONSTRUCTION PROJECTS, DATED 1973; as amended by the Transmittal Sheet No. 5.

- (1) In Items A, B and C, except for subparagraph C5, wherever the words "Apprenticeship Council, DC Department of Labor" appear, add immediately after: "and/or U.S. Department of Labor."

The Contractor and all subcontractors shall furnish to the Contracting Officer written evidence of the registration of his/her program and apprentices as well as the appropriate ratios and wage rates for the areas of construction, prior to using any apprentice on the contract.

EMPLOYMENT OF THE HANDICAPPED:

The contractor and all subcontractors agree not to discriminate against any handicapped person who is qualified to perform the job and also agrees to take Affirmative Action to hire, recruit, train and upgrade qualified handicapped persons without discrimination.

UTILIZATION OF MINORITY BANKING INSTITUTIONS:

All prime and subcontractors are encouraged to use the services of banks and other financial institutions owned and controlled by minorities and females.

MONTHLY EQUAL EMPLOYMENT OPPORTUNITY REPORTS:

Submission of Monthly Equal Employment Reports (Form AARU-102) to the Contracting Officer is a requirement of this contract. These reports are due on the last working day of each month at the following address:

District of Columbia Government
Department of Transportation
Equity and Inclusion Division
250 M Street, S.E., 2nd Floor, Suite 216
Washington, DC 20003

Prime contractors are responsible for the timely submission of these reports from all their subcontractors. Failure to comply with this requirement may delay partial payment voucher processing.

J.10

DDOT DAVIS BACON COMPLIANCE REQUIREMENTS CERTIFIED PAYROLL AND WEEKLY COMPLIANCE

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION**



DAVIS BACON COMPLIANCE DIVISION

Subject: Davis Bacon Compliance Requirements

Dear Contractor:

The labor provisions at Title 29 of the Code of Federal Regulations, Subtitle A, Part 3 (Copeland Act) and Part 5 (Davis-Bacon Act, as amended) require that on all District of Columbia Government construction contracts, laborers and mechanics must be paid unconditionally and not less often than once a week and without subsequent deductions or rebate on any account (except such payroll deductions as are permitted by the Copeland Act), the full amount of wages and bona fide fringe benefits (or cash equivalent thereof) due at the time of payment computed at rates not less than the applicable predetermined wage determination and any modifications thereof, which are a part of this contract.

The District Department of Transportation requires contractors to submit all certified payrolls and the accompanying Statement of Compliance electronically via LCPTracker, a DDOT labor compliance software system, within seven (7) days after the regular payment date of the payroll period. Contractors are also required to post the applicable Davis-Bacon wage determination and the Davis-Bacon poster (WH-1321) on the job site in a prominent and accessible place where they can be easily seen by the workers.

If the Contractor fails to comply with these requirements, the District will issue a non-compliance notice, and contract payments may be withheld in sufficient amounts to satisfy liabilities for underpayment. In addition, violations of the Davis-Bacon contract clauses may be grounds for contract termination, contractor liability for any resulting costs to the government, and debarment from future contracts for a period up to three years along with a request for investigation by the Department of Labor.

All payrolls submitted are required to contain the following information:

- a) Name and worker's classification(s) which conform(s) to work actually performed.
- b) Hourly rates of pay (including the rates of contributions or costs anticipated for bona fide fringe benefits, or cash equivalents paid for the benefits)
- c) Total daily and total weekly hours worked showing overtime separately. (Overtime is defined as work performed in excess of forty (40) hours in any work week and is computed at one and one-half times the basic hourly rate of pay plus the payment of the required fringe benefits.)
- d) Total gross amount earned (this project/all projects).
- e) All deductions made in compliance with the requirements of Federal, State or Local Law, such as Federal, State or Local withholding income taxes and Federal Social Security taxes.
- f) All deductions, advances, loans, union dues, etc., authorized by Title 29 Code of Federal regulations, Part 3 Subtitle A.
- g) Total net wages actually paid to the employee.
- h) Full social security numbers and home addresses of each worker shall **not** be included on the payroll records submitted to DDOT

- i) Instead, an individually identifying number for each employee should be used. The last four digits of the employee's social security numbers are recommended.
- j) The prime contractor must maintain addresses and social security numbers for all workers and provide them, on request, to DDOT

Payment to laborers and mechanics for work performed on the contract must be made in legal tender of the United States. This condition will be considered satisfied if payment is made by negotiable check, on a solvent bank, that may be cashed readily and conveniently by the employee in the local community for the full amount, without subsequent deduction or rebate (directly or indirectly), discount or collection charges of any kind.

The Contractor, when checks are used, should make all necessary arrangements for employees to cash checks and give such information regarding check cashing arrangements to the employees.

Pursuant to the applicable provisions of Title 36, DC Code, every employer shall furnish to each employee at the time of payment of wages, an itemized statement showing the date of the wage payment, gross wages paid, deductions from and additions to wages, net wages paid, hours worked during the pay period and any other information that may be prescribed by regulation.

Additionally, evidence of payment of local and Federal taxes, Workmen's Compensation, insurance and all other employee benefits shall be submitted upon request from the Davis Bacon Compliance Division.

Contractors shall include these requirements in all subcontracts. Subcontractors that are not able to use LCPTracker may submit certified payrolls via email to the Wage Specialist and to DavisBacon.Compliance@dc.gov and mail hard copies to:

Davis Bacon Compliance Division District
Department of Transportation
250 M Street SE, Suite 216
Washington, DC 20003

These contract provisions are applicable to all contractors and are strictly enforced.

Sincerely,

LaKisha Love

LaKisha Love
Operations Manager
DDOT Davis Bacon Compliance Division

Send payrolls and Statements of Compliance to the online LCPTracker system or by mail to:

DC Department of Transportation
Davis Bacon Compliance Division
250 M Street, S.E., 2nd Floor, Suite 216
Washington, DC 20003

DISTRICT OF COLUMBIA
WEEKLY STATEMENT OF COMPLIANCE
(Construction)

Project No.
Invitation No.

Contract No.

Date

WAGES AND HOURS

Total This Period

Total To Date

Straight Time Hours Worked

Overtime Hours Worked

Overtime and Straight Time Hours Worked

Wages Earned

I, _____, _____
(Name of signatory party) (Title)

do hereby state:

(1) That I pay or supervise the payment of persons employed by _____
_____ on the _____
(Contractor or Subcontractor) (Building or Work)

that during the payroll period commencing on the _____ day of _____
19____, and ending on the _____ day of _____
19____, all persons employed on said project have been paid full weekly wages earned, that no rebates have been or will be made either directly or indirectly to
or on behalf of said _____
(Contractor or Subcontractor)

from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person,
other than permissible deductions as defined in 29 CFR Part 3 issued by the Secretary of Labor under the Copeland Act as amended (R.S. 161, sec. 2, 48 Stat.
848; Reorg. Plan No. 14, of 1950, 64 Stat. 1267; 5 U.S.C. 301; 40 U.S.C. 276c), and described below.

(2) That any payroll otherwise under the Contract required to be submitted for the above period is correct and complete; that the wage rates for laborers or
mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the Contract; that the
classifications set forth therein for each laborer or mechanic conform with the work being performed.

(3) That any apprentice employed in the above period is duly registered in a bona fide apprenticeship program registered with the Bureau of
Apprenticeship Training, U. S. Department of Labor or with a State Apprenticeship Agency recognized by the Bureau.

NOTE: Fringe Benefits Statement and Signature Block are on reverse.

FRINGE BENEFITS STATEMENT			
(4) The Contractor, or subcontractor as appropriate, hereby states that:			
(WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS)			
() Section 1 -	In addition to the basic hourly wage rates paid to each employee listed in the above referenced payroll, payments of fringe benefits as listed in the Contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 3 below.		
(WHERE FRINGE BENEFITS ARE PAID IN CASH)			
() Section 2 -	Each employee listed in the above referenced payroll has been paid, as indicated on the payroll, at least the correct basic hourly wage rate plus an additional payment in the amount of the required fringe benefits as listed in the Contract, except as noted in Section 3 below.		
(WHERE PARTLY PAID IN CASH AND PARTLY PAID TO PLANS, FUNDS, OR PROGRAMS)			
() Section 3 -	All of the fringe benefit payments required by the Contract have been or will be made to appropriate programs, or have been made by cash payments in lieu thereof, or both, to the classifications and in the amounts set forth below:		
() Exceptions			
CLASSIFICATION (Or Classification Code)	HOURLY AMOUNT		IDENTITY AND LOCATION OF PLAN, FUND OR PROGRAM
	Paid to Program	Paid in Cash	
SIGNATURE		TITLE	
The willful falsification of any of the statements which appear above may subject the Contractor or Subcontractor to civil or criminal prosecution. See 18 USC 1001 and 1020 and 31 USC 231.			

The willful falsification of any of the statements which appear above may subject the Contractor or Subcontractor to civil or criminal prosecution. See 18 USC 1001 and 1020 and 31 USC 231.

PAYROLL NO.

FOR WEEK ENDING

PROJECT AND LOCATION

PROJECT OR CONTRACT NO.

(1)	(2)	(3)	OT OR ST	(4) DAY AND DATE	(5)	(6)	(7)	(8) DEDUCTIONS						(9)							
NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	NO. OF WITHHOLDING EXEMPTIONS	WORK CLASSIFICATION									TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX			OTHER	TOTAL DEDUCTIONS	NET WAGES PAID FOR WEEK	
				HOURS WORKED EACH DAY																	
			O																		
			S																		
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While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Public Burden Statement

We estimate that it will take an average of 55 minutes to complete this collection, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. If you have any comments regarding these estimates or any other aspect of this collection, including suggestions for reducing this burden, send them to the Administrator, Wage and Hour Division, U.S. Department of Labor, Room S3502, 200 Constitution Avenue, N.W. Washington, D.C. 20210

(over)

Date _____

I, _____
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by _____ on the _____
(Contractor or Subcontractor)
_____ ; that during the payroll period commencing on the _____
(Building or Work)
_____ day of _____, _____, and ending the _____ day of _____, _____,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said
_____ from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

☐ — in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

☐ — Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

NAME AND TITLE	SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE
31 OF THE UNITED STATES CODE.

J.11

**WORKER RIGHTS UNDER THE DAVIS-BACON
ACT (POSTER)**

WORKER RIGHTS

UNDER THE DAVIS-BACON ACT

FOR LABORERS AND MECHANICS WORKING ON FEDERAL OR FEDERALLY ASSISTED CONSTRUCTION PROJECTS

The law requires employers to display this poster where employees can readily see it.

**PREVAILING
WAGES**

You must be paid not less than the wage rate listed in the Davis-Bacon Wage Decision posted with this Notice for the work you perform.

OVERTIME

You must be paid not less than one and one-half times your basic rate of pay for all hours worked over 40 in a work week. There are few exceptions.

ENFORCEMENT

Contract payments can be withheld to ensure workers receive wages and overtime pay due, and liquidated damages may apply if overtime pay requirements are not met. Davis-Bacon contract clauses allow contract termination and debarment of contractors from future federal contracts for three years. A contractor who falsifies certified payroll records or induces wage kickbacks may be subject to civil or criminal prosecution, fines and/or imprisonment.

APPRENTICES

Apprentice rates apply only to apprentices properly registered under approved Federal or State apprenticeship programs.

RETALIATION

The law prohibits discharging or otherwise retaliating against workers for filing a complaint, cooperating in an investigation, or testifying in a proceeding under the Davis-Bacon and Related Acts.

PROPER PAY

If you do not receive proper pay, or require further information on the applicable wages, contact the Contracting Officer listed below:

or contact the U.S. Department of Labor’s Wage and Hour Division.



WAGE AND HOUR DIVISION
UNITED STATES DEPARTMENT OF LABOR

1-866-487-9243
TTY: 1-877-889-5627
www.dol.gov/whd



TECHNICAL REQUIREMENTS

J.12

**SUPPLEMENTARY SPECIFICATIONS
(also referred to as "Special Provisions")**

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS ADMINISTRATION



INVITATION FOR BIDS
SOLICITATION NO. DCKA-2026-B-0078

**PROJECT: GUARDRAILS AND IMPACT ATTENUATORS REPAIR,
UPGRADE AND REPLACEMENT**

FAP NO.: 2018 (014)

Bids will be publicly opened by The Office of Contracting and Procurement. This will be a virtual meeting on WebEx.

Bids will be opened on Thursday, May 21, 2026, at 2:30 P.M.

GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

TITLE PAGE -- SPECIFICATIONS
ISSUING OFFICE:

District Department of Transportation
Office of Contracting and Procurement
250 M Street, S.E., Floor
Washington, D.C. 20003

The last day for requests for clarification or interpretation of Bid Documents is Wednesday, May 6, 2026, at 5:00 P.M. (EST). Include the Solicitation number in the subject line and email to: tracy.shields@dc.gov

Prospective Bidders:

Bids will be publicly opened by the Office of Contracting and Procurement. Bid Opening will be on Thursday, May 21, 2026, at 2:30 P.M. (EST). This will be a virtual meeting on WebEx.

A Pre-Bid Conference will be held on Thursday, April 30, 2026, at 10:00 A.M. (EST). This will be a virtual meeting on WebEx.

Disadvantaged Business Enterprise (DBE) Goal: N/A

To bid this Contract, see the Bid Forms and Proposal; fill out all forms as required by this solicitation, along with Bid Guaranty as required, and submit them prior to the time of bid opening.

CONTENTS

1.	DETAILED DRAWINGS:	1
2.	SHOP AND WORKING DRAWINGS:	1
3.	DEFINITIONS:	1
4.	WORK HOURS:	1
5.	LOCATIONS OF WORK:	2
6.	INCREASE OR DECREASE IN CONTRACT QUANTITIES:	2
7.	MOBILIZATION, ITEM 108001	2
8.	EMERGENCY MOBILIZATION, ITEM 108003	3
9.	STRUCTURE HARD SURFACE EXCAVATION, ITEM 205010	3
10.	AGGREGATE BASE COURSE, ITEM 209003	4
11.	STEEL-BACKED TIMBER GUARDRAIL/POSTS, ITEM 603016.....	5
12.	GUARDRAIL EXIT TERMINAL	6
13.	W-BEAM GUARDRAIL (RAIL ONLY), ITEM 603071	8
14.	DOUBLE W-BEAM GUARDRAIL (RAIL ONLY), ITEM 603073.....	9
15.	W-BEAM POST WITH BOLTED BASE (ANY LENGTH), ITEM 603075	10
16.	THRIE-BEAM GUARDRAIL (RAIL ONLY), ITEM 603077.....	10
17.	W-BEAM GUARDRAIL WEATHERING STEEL (RAIL ONLY), ITEM 603079	11
18.	DOUBLE W-BEAM GUARDRAIL WEATHER STEEL (RAIL ONLY), ITEM 603081	12
19.	W-BEAM GUARDRAIL (RAIL ONLY) BROWN COLOR, ITEM 603083	13
20.	DOUBLE W-BEAM GUARDRAIL (RAIL ONLY) BROWN COLOR, ITEM 603085.....	14
21.	F&I SHA TYPE A COMPLETE END TERMINAL, ITEM 603093	15
22.	4 INCH GUARDRAIL HEIGHT TRANSITION, ITEM 603097.....	16
23.	W-BEAM POST (6 FT LENGTH), ITEM 603099.....	17
24.	W-BEAM POST (8 FT LENGTH), ITEM 603101.....	17
25.	W-BEAM POST (6 FT LENGTH) BROWN COLOR, ITEM 603103.....	17
26.	W-BEAM POST (8 FT LENGTH) BROWN COLOR, ITEMS 603105.....	17
27.	W-BEAM POST (6 FT LENGTH) WEATHERING STEEL, ITEM 603107.....	17
28.	W-BEAM POST (8 FT LENGTH) WEATHERING STEEL, ITEMS 603109.....	17
29.	W-BEAM RAILS SYSTEM -BLOCK (ANY TYPE) 6"x8"x14", ITEM 603111	17
30.	THRIE-BEAM RAILS SYSTEM -BLOCK (ANY TYPE) 6"x8"x22", ITEM 603113.....	17
31.	R/R ENERGY ABSORPTION SAFETY COMPLETE END TERMINAL.....	17
32.	ANCHORAGE AT STRUCTURE, BRIDGE, OR CONCRETE BARRIER (ANY TYPE GUARDRAIL), ITEM 603247	19
33.	F&I SHA TYPE L COMPLETE END TERMINAL, ITEM 603251	20
34.	APPROACH TRANSITION.....	21
	W-BEAM APPROACH TRANSITION, ITEM 603267.....	21
35.	ORNAMENTAL FENCE.....	22
36.	F&I CHAIN LINK FENCE 4-6 FT HEIGHT, ITEM 604023	23

37.	R/R PCC MEDIAN BARRIER (0 CY LESS THAN OR EQUAL TO 5 CY), ITEM 610011	25
38.	R/R PORTABLE PRECAST PCC BARRIER, ITEM 610019	26
39.	REMOVE PORTABLE PRECAST PCC BARRIER, ITEM 610021	27
40.	MAINTENANCE OF HIGHWAY TRAFFIC, ITEM 612002	27
41.	F&I IMPACT ATTENUATOR NOSE WARNING SIGN, ITEM 616009	28
42.	F&I IMPACT ATTENUATOR ID MARKER, ITEM 616013	28
43.	F&I FLEXIBLE DELINEATOR POST 28" HIGHT, ITEM 616017	30
44.	RESET SAND-FILLED MODULE IMPACT ATTENUATOR, ITEM 617013	30
45.	FURNISH & INSTALL SAND-FILLED MODULE IMPACT ATTENUATOR LID ONLY, ITEM 617015.....	31
46.	INSTALL SAND-FILLED MODULE IMPACT ATTENUATOR LID ONLY, ITEM 617017	31
47.	F&I TEMPORARY IMPACT ATTENUATOR MASH SENTRY LONGITUDINAL ENERGY DISSIPATOR (SLED) TL-3, ITEM 617021	31
48.	QUAD GUARD IMPACT ATTENUATORS:.....	33
49.	REPLACE QUAD GUARD, QUAD GUARD ELITE, TAU II, SMART IMPACT ATTENUATOR PART:	35
50.	REPAIR SMART CUSHION IMPACT ATTENUATOR ITEM 617173	36
51.	PCC IMPACT ATTENUATOR PLATFORM/BACKUP ITEM 703011	37
52.	R/R PLATFORM/BACKUP PCC, ITEM 703019	37
53.	METAL RAILING, ITEM 709005	38
54.	EQUIPMENT:.....	39
55.	LABOR:	42
56.	MISCELLANEOUS MATERIALS (NON-BID ITEM), ITEM 000099.....	43
57.	APPENDIX A - DRAWINGS.....	44

1. DETAILED DRAWINGS:

Letter size drawings are included under Appendix C (“Impact Attenuators and Guardrail Locations and Related Drawings”) in this document as follows:

1. Standard drawings taken from DCDOT Design Standards and included for the convenience of the Contractor.
2. Two drawings showing details of the Energy Absorbing Complete End Terminal (MSKT SP).
3. Two drawings showing details of the Energy Absorbing Complete End Terminal (MFleat)
4. Federal Highway Timber Standard drawings

2. SHOP AND WORKING DRAWINGS:

Shop and Working Drawings shall be submitted to:

Roadway Management Branch
D.C. Department of Transportation
60, Florida Avenue, N.E., 2nd Floor
Washington, D.C. 20002

3. DEFINITIONS:

For the purposes of this contract, any reference to the term “Guiderails”, whether appearing in singular or plural form, in any section, drawings, specifications, or related documents, shall be deemed to mean and be interpreted as “Guardrails.”

4. WORK HOURS:

This S.P. supplements and modifies Article 17.C of the General Provisions, 105.10 and 105.11. Work may be performed outside of the following hours only when required or allowed by the Contract specifications or with the advanced notice to and approval by the CA:

•	Monday through Friday 7:00 AM to 7:00 PM	non-NHS Routes
•	Monday through Friday 9:30 AM to 3:30 PM	NHS Routes
•	Saturday	7:00 AM to 7:00 PM All Routes

Work hours beyond these limits may be approved by the CA.

5. LOCATIONS OF WORK:

- (A) GENERAL - Specific locations for guardrails, impact attenuators, fencing and concrete barriers work are not included in this document. Prior to beginning work, the CA will supply the Contractor with a list of known work sites in the order in which they are to be completed. As the Contract progresses, additional work sites may be added at indefinite times and indefinite quantities, as guardrails, impact attenuators, fencing and concrete barriers are damaged or designs for guardrails, impact attenuators, fencing and concrete barrier locations are completed. Most of the sites on which work is to be conducted will be located on the freeway system. However, the Contractor shall be prepared to work on any District street. The Contractor shall be provided with the existing type of guardrail or impact attenuator that is to be repaired, such as location, type, and size.
- (B) -WORK AND STORAGE SPACE - This Special Provision Supplements Section 103, Article 17.B, "Work and Storage Space," of the Standard Specifications. No work and storage area are being designated in this Contract. The Contractor shall be fully responsible for seeking necessary space and undergoing all required negotiations with the owner of the property to secure its use and for restoring the area to the satisfaction of the owner.

6. INCREASE OR DECREASE IN CONTRACT QUANTITIES:

Attention is directed to the fact that the estimate of quantities of work to be performed is based upon the historical record of DDOT's previous experience in conducting repairs of guardrail and impact attenuators. Actual Contract quantities will vary due to the unexpected nature of the repairs required and assigned during the Contract period. Quantities and deliveries are indefinite.

7. MOBILIZATION, ITEM 108001

This SP supplements Standard Specifications Section 108.04 Mobilization.

PAYMENT:

Payment shall be made at the contract unit price a contractor crew works per each day completing non-emergency work orders. A crew is a team of approximately 4-5 workers. To be fully compensated for this item the contractor must complete the work at a reasonable speed.

8. EMERGENCY MOBILIZATION, ITEM 108003

(A) GENERAL:

These items shall consist of such measures required for the Contractor to obtain the labor, equipment, tools and materials necessary to respond to emergency work orders issued by the CA and to begin repair work within the allotted response time of 4 hours. The items are intended to allow compensation to the Contractor for the costs associated with ensuring prompt response to work assignments.

(B) MEASURE:

The unit of measure shall be per each emergency work order issued by the CA and completed by the Contractor.

(C) PAYMENT:

Payment shall be made at the contract unit price per each emergency work order, which payment shall be in addition to that for any other items that may apply toward the compensation of each emergency work order respectively. Payment for scheduled repair work shall not include Emergency Mobilization.

9. STRUCTURE HARD SURFACE EXCAVATION, ITEM 205010

This Special Provision supplements and modifies Section 205.03, "Structure Hard Surface Excavation," of the Standard Specifications.

(A) GENERAL:

Work under this item consists of partial or total removal and disposal of guardrails, impact attenuators, concrete barriers, and any attached fencing, as part of the work for retrofitting existing impact attenuators locations for the installation of replacement impact attenuators. Included is saw cutting, to a neat line, about the perimeter of the area to be removed and carefully removing the material so as not to damage existing reinforcing steel and embedded electrical conduits. Also included is cleaning the existing reinforcing steel and cutting and bending the bars, if directed by the CA, in preparation for placing new concrete.

(B) CONSTRUCTION METHODS:

Concrete shall be carefully removed to the limits shown on the provided drawing, or as directed by the CA. Any material removed beyond authorized limits, or any portion of remaining structure damaged as a result of negligence on the part of the Contractor, shall be replaced or repaired by the Contractor at their own expense. Materials and debris shall not be dumped or permitted to fall onto the areas around the location. All materials removed shall become the property of the Contractor and shall be disposed of daily away from the site. All items designated to be wholly or partially removed shall conform to the detailed drawings and these Special Provisions, unless otherwise approved by the CA.

The use of explosives and blasting procedures is prohibited. Prior to partial concrete removal, the perimeter of the area to be removed shall be carefully saw cut to a neat line. The cut lines shall be made down to the outside layer of reinforcing steel making sure that bars to be retained are not damaged. No debris is to be deposited, dropped, placed or secreted within the waters or land beneath or adjacent to the site. Where projecting bars are not to extend into the new construction, they shall be either bent into the new work or cut off flush with the surface to which the concrete has been removed. Cleaning reinforcing steel and removal of excessive length of bars shall be included as part of this work. All material removed shall be disposed of outside the construction area. Material shall be removed daily and not allowed to accumulate on or adjacent to the project site.

When existing reinforcing steel is damaged during removal, the Contractor shall, at their own expense, substitute a bar of equal size drilled in and grouted to the required lap as per AASHTO requirements or attach the new bar to existing by means of an approved mechanical bar splice.

(C) MEASURE AND PAYMENT:

The unit of measure for Structure Hard Surface Excavation will be the cubic yard.

Payment for Structure Hard Surface Excavation will be made at the Contract unit price per cubic yard, which payment will include cutting the perimeter to a neat line, removal and disposal of all materials, cleaning, cutting and bending of existing reinforcing steel and all labor, materials, tools, equipment and incidentals needed to complete the work.

10. AGGREGATE BASE COURSE, ITEM 209003

This Special Provision supplements and modifies Section 209.03, "Aggregate Base Course," of the Standard Specifications.

(A) GENERAL:

This item shall consist of constructing a base course to the specified depth on a prepared foundation conforming to the lines, grades, and cross sections shown in the contract documents. Recycled Crushed Concrete shall not be used in areas where subsurface drainage problems exist in the roadbed; in areas where the roadbed soil is unstable; within undercut roadbed areas; over backfill in areas where unsuitable materials have been removed; or under full depth flexible pavements. Fly ash and other pozzolans, when used with lime in a mixture of soil, soil aggregate, or aggregate, shall conform to the requirements of ASTM C 593.

(B) CONSTRUCTION METHODS:

Aggregate Base Course shall be constructed and tested in accordance with Section 203.03(B). Except as required in excavating and replacing soft spots, the ground shall not be plowed scarified, or disturbed below the base course layer. After the grade has been properly shaped and compacted, the aggregate material shall be evenly placed and spread to a uniform depth without

segregation. If the required compacted depth of the base course exceeds 6 inches, the base shall be compacted in 2 or more layers of approximately equal thickness. The maximum compacted thickness shall be 6 inches.

(C) MEASURE AND PAYMENT:

The unit of measure for Aggregate Base Course shall be the cubic yard. The actual number of cubic yards of base course of variable dimensions, measured complete in place, will be paid for at the Contract unit price per cubic yard, which payment will include all labor, materials, tools, equipment, and incidentals necessary to complete the Work as specified herein. Payment will also include all compaction.

11. STEEL-BACKED TIMBER GUARDRAIL/POSTS, ITEM 603016

REMOVE/RESET TIMBER GUARDRAIL, ITEM 603019

REMOVE/RESET TIMBER POST (ANY DEPTH), ITEM 603021

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the Standard Specifications.

For these items, follow Federal Highway Standard Drawings 617-60 to 617-82, <https://highways.dot.gov/federal-lands/std-drawings#fp617> and DC Standard Specification Section 603 for installation of Timber Guardrail, repair Timber Guardrail, reset Timber Guardrail and installation of complete end terminals.

(A) GENERAL:

This Special Provision supplements and modifies Section 603, Guardrails and Guardrail Terminals, of the DDOT Standard Specifications for Highways and Structures (2013 Edition). It applies to the furnishing and installation of steel-backed timber guardrail systems, as well as the removal, resetting, and repair of existing timber guardrails and timber posts. The work shall be performed in accordance with the contract documents, the referenced specifications, and as directed by the CA. The work includes all labor, equipment, tools, and materials necessary to complete the installation or adjustment of timber guardrail systems at the locations indicated. All work shall comply with the applicable requirements of Section 603 of the DDOT Standard Specifications, and the Federal Highway Administration Standard Drawings numbered 617-60 through 617-82, which govern the installation of timber guardrail, repair of timber guardrail, resetting of timber guardrail, and the installation of complete end terminals. For Item 603016, Steel-Backed Timber Guardrail/Posts, all materials used shall conform to the requirements of Section 603. Timber components shall be pressure-treated and meet specified grading and species requirements. The steel backing shall be zinc (Hot-Dip Galvanized) coating in accordance with AASHTO M 111. Guardrail posts shall be timber, pressure-treated, and structurally compatible with the steel-backed system. All associated hardware, including bolts, nuts, washers, and anchors, shall be galvanized or stainless steel, and must be compatible with

both timber and steel materials. For Item 603019, "Remove/Reset Timber Guardrail," existing timber guardrail and its components shall be carefully dismantled and preserved for reuse where feasible. Materials may only be reused if they are free of damage and in good condition, as determined by the CA. Damaged or deteriorated elements must be replaced with new materials that meet the original specifications. The guardrail must be reinstalled to its original line and grade, or as otherwise directed. Item 603021, "Remove/Reset Timber Post (any depth)," includes the removal and resetting of timber posts at specified locations. Posts shall be reset at the correct depth, height, alignment, and spacing. Reused posts must be in good condition, structurally sound, and free of defects. Where posts are reset in existing holes, the voids shall be properly backfilled and compacted. If new holes are required, the previous holes must be properly filled and restored. Installation of new steel-backed timber guardrail shall be conducted in accordance with the referenced Federal Highway Standard Drawings and DDOT Section 603. Posts shall be set at the prescribed spacing and depth, and rail elements must be aligned properly and fastened securely. The transitions to complete end terminals must be smooth and continuous. Where field cutting of treated timber is unavoidable, all cut surfaces shall be treated with an approved preservative to restore durability. For all remove and reset work, care must be taken to avoid damaging reusable components. Any component damaged through the Contractor's operations shall be replaced at no additional cost to the Department. The CA shall approve all replacement and reused materials before they are incorporated into the work.

(B) MEASURE:

Measurement for steel-backed timber guardrail (Item 603016) shall be made in linear feet along the centerline of rail between posts. Measurement for remove/reset timber guardrail (Item 603019) will also be made in linear feet, including associated hardware and fittings.

Measurement for remove/reset timber posts (Item 603021) will be made per each post reset.

(C) PAYMENT:

Payment for accepted work shall be made at the contract unit prices for the respective items. These unit prices shall constitute full compensation for furnishing all labor, materials, tools, equipment, excavation, backfill, disposal, and all other incidental work necessary to complete the tasks described. Final acceptance of all work will be subject to inspection by the CA. Any misaligned, damaged, or otherwise non-conforming components must be repaired or replaced by the Contractor at their own expense, to the satisfaction of the Department.

12. GUARDRAIL EXIT TERMINAL

F & I GUARDRAIL COMPLETE EXIT TERMINAL SHA TYPE K, ITEM 603026

TYPE K BUFFER END SECTION, ITEM 603029

TYPE K SOIL TUBE, ITEM 603031

TYPE K ANCHOR RAIL, ITEM 603033

TYPE K WOOD POST, ITEM 603035

TYPE K CABLE ASSEMBLY, ITEM 603037
TYPE K ANCHOR BRACKET, ITEM 603039
TYPE K STRUT, ITEM 603041

**F & I GUARDRAIL COMPLETE EXIT TERMINAL SHA TYPE K BROWN
COLOR, ITEM 603051**

TYPE K BUFFER END SECTION BROWN COLOR, ITEM 603055
TYPE K SOIL TUBE BROWN COLOR, ITEM 603057
TYPE K ANCHOR RAIL BROWN COLOR, ITEM 603059
TYPE K CABLE ASSEMBLY BROWN COLOR, ITEM 603061
TYPE K ANCHOR BRACKET BROWN COLOR, ITEM 603063
TYPE K STRUT BROWN COLOR, ITEM 603065

(A) GENERAL

This Special Provision modifies Section 603 of the DDOT Standard Specifications for Highways and Structures (2013 Edition).

Work under this item consists of furnishing and installing a complete SHA Type K Guardrail Exit Terminal system, brown color, including buffer end section, soil tube, anchor rail, cable assembly, anchor bracket, strut, wood posts, hardware, and all materials necessary for a complete and operational installation.

The terminal system shall conform to Maryland Standard MD 605.10-01 were referenced in the contract documents and shall meet MASH Test Level 3 (TL-3) requirements.

Brown color components shall be fabricated from A606 Type 4 weathering steel or shall be powder-coated galvanized steel as specified in the contract documents. Surface finish shall be uniform and factory applied.

All materials shall be new unless reuse is specifically approved by the CA. Work shall include all excavation, grading, backfill, concrete footings or anchor blocks if required, surface restoration, and adjustments necessary to match existing guardrail and roadway slope. Posts shall be installed plumb and at the required depth and spacing. The completed system shall be properly aligned and fully functional.

Where shown on the plans or directed by the CA, this item shall also include removal and resetting of an existing Type K terminal and its components. Salvageable materials shall be carefully removed, stored, and reinstalled. Non-salvageable materials shall be disposed of legally off-site.

(B) CONSTRUCTION METHODS

Installation shall be performed in strict accordance with the manufacturer's approved instructions and MASH TL-3 requirements. Foundation areas shall be prepared to match adjacent grades and cross slopes. Hardware shall be installed and tightened to specified torque values.

During removal operations, components shall be detached carefully to prevent damage. Reusable parts shall be cleaned and inspected prior to reinstallation. Any disturbed areas shall be backfilled, compacted, and restored to original condition. The completed installation shall align

with adjacent guardrail and meet all safety and performance requirements to the satisfaction of the CA.

(C) MEASUREMENT AND PAYMENT

Measurement for payment shall be per each complete SHA Type K Guardrail Exit Terminal, installed or removed and reset, fully in place and accepted by the CA. Separate measurement for individual component parts will not be made.

Payment at the contract unit price per each shall constitute full compensation for furnishing all materials, removal and resetting when required, disposal of non-salvageable materials, labor, tools, equipment, excavation, grading, backfill, restoration, hardware, submittals, and all incidentals necessary to complete the work. No additional payment will be made for damage caused by the Contractor or for correction of improper installation.

If you want, I can also prepare a slightly more “DDOT-style hardened” version that removes the Maryland standard reference entirely and phrases it as “approved equal meeting MASH TL-3,” which sometimes avoids inter-agency specification friction.

13. W-BEAM GUARDRAIL (RAIL ONLY), ITEM 603071

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

The work under this item consists of the removal and replacement of the existing w-beam guardrail rail element only, excluding posts and terminal sections, as directed by the CA or shown on the plans. The replacement shall restore the guardrail system to full functionality and continuity.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

New w-beam rail elements shall conform to AASHTO M180, Class A, Type II (zinc-coated) and match the profile and gauge of the existing system. All bolts, splice plates, and washers shall be galvanized in accordance with ASTM A123/A123M and provided as needed for complete connection. This work includes furnishing shop-curved sections of guardrail to a specific radius.

Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

Remove damaged or designated existing w-beam sections carefully to avoid disturbing adjacent components. Install new rail sections to existing or reset posts using appropriate splice hardware

and alignment per DDOT standards. Ensure correct lap orientation, bolt torque, and height. Any damaged posts or hardware discovered during work shall be reported to the CA and replaced as directed.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of W-beam rail replaced. Payment includes all labor, materials, removal, disposal, installation, splicing hardware, and incidentals necessary to complete the work.

14. DOUBLE W-BEAM GUARDRAIL (RAIL ONLY), ITEM 603073

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

The work under this item consists of the removal and replacement of a damaged or designated double w-beam rail element only excluding posts and terminal components. The work shall restore the system to its intended strength and alignment.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

Double w-beam rail elements shall meet AASHTO M180, Class A, Type II (zinc-coated) specifications and match the existing system in profile and thickness. All required connection hardware (splice plates, bolts, washers) shall be galvanized in accordance with ASTM A123/A123M. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

Carefully remove the existing double w-beam sections without disturbing posts or other guardrail components. Install new rail segments using appropriate splice hardware, maintaining proper height, overlap orientation, and alignment per DDOT and manufacturer guidelines. Ensure both rail layers are securely attached at all splice and post locations. Report any damage to existing posts or hardware and replace as directed by the CA.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of w-beam rail replaced. Payment includes removal, disposal, supply and installation of new rails, connection hardware,

and all labor, tools, and equipment required to complete the work.

15. W-BEAM POST WITH BOLTED BASE (ANY LENGTH), ITEM 603075

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

This work consists of removing and replacing existing w-beam guardrail posts equipped with bolted bases, of any length, at locations designated in the contract documents or as directed by the CA. The work includes disassembly, surface preparation, hardware replacement, and resetting or replacing the post to restore the structural integrity of the guardrail system.

(B) MATERIALS:

Replacement posts shall be of the same material, cross-section, and length as the existing, and shall conform to DDOT and AASHTO M180 requirements. Posts shall be fabricated with bolted base plates, matching the dimensions and bolt patterns of the existing foundations. All bolts, washers, and anchoring hardware shall be galvanized in accordance with ASTM A123/A123M.

(C) CONSTRUCTION:

The contractor shall remove the existing damaged or deteriorated post, including disconnection from the rail and unbolting from the base or foundation. Care shall be taken to avoid damage to the adjacent rail sections, base plates, and anchorage points. If the existing base plate or anchor bolts are damaged or misaligned, they shall be repaired or replaced as approved by the CA. New posts shall be properly aligned and securely bolted to the foundation or concrete pad using approved hardware, ensuring vertical alignment and appropriate spacing. Once set, the post shall be reconnected to the existing w-beam rail, with all splice and attachment points tightened to manufacturer-specified torque values. All work shall be completed in accordance with the plans, manufacturer installation guidelines, and DDOT Standard Drawings.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of w-beam rail replaced. Payment shall include the removal of the existing post, supply and installation of the new post with bolted base, all associated hardware, disposal of removed materials, and all labor, equipment, and incidentals necessary to complete the work.

16. THRIE-BEAM GUARDRAIL (RAIL ONLY), ITEM 603077

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

Work under this item consists of removing and replacing the thrie-beam guardrail rail sections,

as indicated in the contract documents or as directed by the CA. The scope includes detaching the existing thrie-beam rail from posts and anchors and installing new thrie-beam rail panels to restore the guardrail system's integrity and safety performance.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

The thrie-beam rail shall conform to AASHTO M180 specifications for steel guardrail beams, including requirements for material strength, thickness, and galvanization. All rails must be hot-dip galvanized per ASTM A123/A123M standards to resist corrosion. Replacement rail sections shall match the existing thrie-beam profile and length. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

Existing thrie-beam rails shall be carefully unfastened from posts and anchor assemblies without damaging these components unless specified otherwise. The replacement rails shall be installed in accordance with the manufacturer's recommendations and the project plans. Rail sections must be aligned to ensure proper overlap, continuous barrier performance, and secured with approved fasteners tightened to the specified torque. Installation shall maintain the designed offset and height to comply with DDOT and MASH requirements for crashworthiness.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of thrie-beam rail replaced, including removal and disposal of existing rails and furnishing and installing new thrie-beam rail sections complete with all necessary hardware.

17. W-BEAM GUARDRAIL WEATHERING STEEL (RAIL ONLY), ITEM 603079

This Special Provision supplements and modifies Section 603, "Guardrails and Guardrail Terminals," of the DDOT Standard Specifications.

(A) GENERAL:

This item includes the removal and replacement of w-beam guardrail rail sections manufactured in accordance with weathering steel. Work shall be performed at the locations indicated in the contract documents or as directed by the CA. Only the rail component shall be replaced, while existing posts and foundations are to remain in place unless otherwise specified.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the

requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

The item shall consist of all weathering steel. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

The Contractor shall carefully remove existing w-beam weathering steel rail sections, avoiding damage to adjacent components. Replacement rail segments shall be installed to match the existing alignment and elevation and spliced according to AASHTO and DDOT guidelines. Rail overlaps shall be oriented in the direction of traffic, with fasteners tightened to manufacturer-specified torque levels. Care shall be taken to avoid contamination or coating of the weathering steel surface, which could interfere with proper oxide development.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of w-beam weathering steel rail replaced. Payment shall include removal and disposal of existing weathering steel w-beam rail, furnishing and installation of new rail sections, splices, fasteners, and all labor, tools, and incidentals required to complete the work.

18. DOUBLE W-BEAM GUARDRAIL WEATHER STEEL (RAIL ONLY), ITEM 603081

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

This work includes the removal and replacement of double w-beam guardrail rail sections manufactured in accordance with weathering steel specifications. The scope covers only the rail components, both top and bottom w-beam elements. Posts and foundation elements are to remain in place unless otherwise directed. Work shall be performed at the locations shown in the contract documents or as directed by the CA.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

The item shall consist of all weathering steel. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

The existing double w-beam rails shall be removed without disturbing the posts. Replacement top and bottom rails shall be installed in correct alignment, with overlaps facing the direction of traffic. The vertical spacing between rails and their connection to shared or double-post systems shall follow DDOT Standard Drawings and applicable AASHTO guidance. Bolted joints must be tightened to specified torque, and all rail sections must be free from bends, warps, or damage that could affect performance. Care must be taken during handling and installation to preserve the exposed weathering steel surface for proper patina development.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of w-beam weathering steel rail replaced. Payment shall include removal and disposal of the existing top and bottom w-beam rail sections, furnishing and installation of new weathering steel double rail components, splices, fasteners, and all labor, tools, and incidentals necessary to complete the work in accordance with the contract documents.

19. W-BEAM GUARDRAIL (RAIL ONLY) BROWN COLOR, ITEM 603083

This Special Provision supplements and modifies Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications.

(A) GENERAL:

This work includes the removal and replacement of brown-colored w-beam guardrail rail sections only, at the locations indicated in the contract documents or as directed by the CA. Posts and footings are to remain unless otherwise specified. The intent is to maintain aesthetic consistency with surrounding treatments, especially near parks, historic, or context-sensitive areas.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

Replacement w-beam rail shall conform to AASHTO M180, meeting the dimensional and mechanical requirements for Class A or B beams. The rail shall be factory powder-coated or painted in brown color as approved by DDOT, matching existing installations. Coating materials must be UV-resistant and meet DDOT requirements for environmental durability. All splice plates and fasteners shall be compatible with the coating system and protected against corrosion in accordance with ASTM A123 (hot-dip galvanized), and if painted, shall be color-matched to the rail. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

The Contractor shall carefully remove existing w-beam rail sections without damaging adjacent posts or components. Replacement rail sections shall be aligned with the existing installation and installed in accordance with DDOT Standard Drawings and AASHTO guidelines. All splices must maintain continuity and proper alignment, and all fasteners shall be securely tightened. Care shall be taken to protect the brown finish from damage during transport and installation. Touch-up of minor scratches shall be done using manufacturer-approved coatings.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of w-beam rail replaced. Payment shall include the removal and disposal of the existing rail, furnishing and installation of new brown-colored w-beam rail, splice hardware, fasteners, and all labor, equipment, and incidentals necessary to complete the work.

20. DOUBLE W-BEAM GUARDRAIL (RAIL ONLY) BROWN COLOR, ITEM 603085

This Special Provision supplements and modifies Section 603, "Guardrails and Guardrail guardrails

(A) GENERAL:

Work includes the removal and disposal of damaged guardrail at existing locations, installation of new guardrail to restore or upgrade the location in accordance with plans, details and specifications provided by the CA. This work includes furnishing shop-curved sections of guardrail to a specific radius at no additional cost. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards. The Contractor shall schedule the work in accordance with the list of work sites supplied by the CA in order of priority. Work shall not begin on any site until ample materials are in stock to complete the installation.

Damaged guardrail that is intermediate in a long stretch of guardrail that does not meet MASH 2016 may be replaced in kind. Guardrail used in total replacement of installations shall meet the requirements of MASH 2016 and be installed at 31 inches high, measured from the top of the rail.

(B) MATERIALS:

Requirements of Section 603.01(B) of the Standard Specifications shall apply. At locations, where DDOT wants to use brown color guardrail, contractor shall use PVC coated guardrail of brown color. The guardrail shall meet the requirement of section 603.01(B) of DDOT Standard Specifications, and the brown color PVC coating shall meet the requirements of manufacturer. Contractor shall submit name and address of company to be used by contractor for the brown PVC coating with complete procedure for approval from the CA. This work includes furnishing shop-curved sections of guardrail to a specific radius. Also included is placement of reflectors as shown on Drawing No. 603.03 of the D.C. Design Standards.

(C) CONSTRUCTION:

Remove damaged or designated existing w-beam sections carefully to avoid disturbing adjacent components. Install new rail sections to existing or reset posts using appropriate splice hardware and alignment per DDOT standards. Ensure correct lap orientation, bolt torque, and height. Any damaged posts or hardware discovered during work shall be reported to the CA and replaced as directed.

(D) MEASURE AND PAYMENT:

The unit of measure shall be the number of linear feet of double w-beam rail replaced. Payment includes all labor, materials, removal, disposal, installation, splicing hardware, and incidentals necessary to complete the work.

21. F&I SHA TYPE A COMPLETE END TERMINAL, ITEM 603093

(A) GENERAL:

This special provision modifies and supplements Section 603, “Guardrails and Guardrail Terminals,” of the DDOT Standard Specifications for Highways and Structures (2013 Edition). It applies to all work associated with furnishing and installing the MD State Highway Administration (SHA) Type A Guardrail Complete End Terminal. The work under this item shall include furnishing, assembling, and installing the SHA Type A Guardrail Complete End Terminal. The terminal shall serve as the starting or ending treatment of w-beam guardrail systems. All materials furnished under this item shall be new and shall conform to Section 603 of the DDOT Standard Specifications unless otherwise specified herein. The SHA Type A Complete End Terminal shall be an approved proprietary product that has been tested and accepted in accordance with MASH (Manual for Assessing Safety Hardware) Test Level 3 requirements for unidirectional impact performance.

The terminal system shall be furnished as a complete unit and shall include all components required by the manufacturer for proper installation and operation. The Contractor shall submit manufacturer’s shop drawings, product data, and installation instructions to the CA for review and approval prior to installation. Installation shall follow the approved manufacturer’s procedures and DDOT Standard Drawings and Maryland Roads Standard No. MD 605.01-03 Drawings, including requirements for grading, alignment, rail height, orientation, and placement. Any deviation from the approved installation requirements shall require prior approval from the CA. All site preparation work, including excavation, grading, backfilling, embankment shaping, and restoration necessary to properly install the complete end terminal shall be incidental to this item. Any required foundations, anchorage, or backup elements necessary for proper performance of the terminal shall be provided as part of the complete system and included in the unit price.

(B) MEASURE:

Measurement for payment for F&I SHA Type A Guardrail Complete End Terminal shall be per each.

(C) PAYMENT:

Payment shall be made at the Contract unit price per each for F&I SHA Type A Complete End Terminal, which shall constitute full compensation for furnishing all labor, materials, equipment, tools, submittals, excavation, grading, backfilling, disposal of surplus materials, and all incidental work required to complete the installation in accordance with the contract documents and DDOT Standard Specifications. Final acceptance shall be based on proper installation and compliance with manufacturer requirements and DDOT standards.

22. 4 INCH GUARDRAIL HEIGHT TRANSITION, ITEM 603097

(A) DESCRIPTION

This item shall consist of constructing a guardrail height transition from an existing 27 inches high guardrail to 31 inches, as measured from the top of the rail. The work includes all posts, blockouts, anchors, terminals, transition sections, nested rail elements, and associated hardware necessary to create a smooth, continuous, and safe guardrail system.

(B) MATERIALS

All materials shall conform to the requirements of the Contract and applicable DDOT/AASHTO standards. Transition sections and nested rail elements shall meet MASH or NCHRP 350 crash-test requirements. Replacement posts, hardware, blockouts, or transition elements shall be furnished and installed by the Contractor as needed to complete the height transition. Hardware used shall be compatible with the existing and new guardrail systems.

(C) CONSTRUCTION

The Contractor shall carefully install the guardrail height transition to ensure proper alignment, elevation, and structural integrity. Posts, including those below ground, shall be securely anchored. Transitions shall be constructed to provide a smooth, continuous surface to safely redirect errant vehicles. The transition shall extend from the last lower-height post to the first post at the 31-inch height. The transition shall be at least 25 feet long. Any damage to pavement, shoulder, slope, drainage facilities, or other roadway features caused by construction operations shall be repaired by the Contractor at no additional cost to the Contract.

(D) MEASURE AND PAYMENT

The measure for this item shall be each. Measurement shall be made by counting each 4 inch transition installed. Payment shall include all labor, equipment, tools, materials, hardware, posts (including those below ground), blockouts, anchors, terminals, alignment, transition sections, and all incidentals necessary to complete the work.

- 23. **W-BEAM POST (6 FT LENGTH), ITEM 603099**
- 24. **W-BEAM POST (8 FT LENGTH), ITEM 603101**
- 25. **W-BEAM POST (6 FT LENGTH) BROWN COLOR, ITEM 603103**
- 26. **W-BEAM POST (8 FT LENGTH) BROWN COLOR, ITEMS 603105**
- 27. **W-BEAM POST (6 FT LENGTH) WEATHERING STEEL, ITEM 603107**
- 28. **W-BEAM POST (8 FT LENGTH) WEATHERING STEEL, ITEMS 603109**
- 29. **W-BEAM RAILS SYSTEM -BLOCK (ANY TYPE) 6"x8"x14", ITEM 603111**
- 30. **THRIE-BEAM RAILS SYSTEM -BLOCK (ANY TYPE) 6"x8"x22", ITEM 603113**

31. R/R ENERGY ABSORPTION SAFETY COMPLETE END TERMINAL

MSKT SP COMPLETE END TERMINAL, ITEM 603121

- MSKT SP IMPACT HEAD, ITEM 603123
- MSKT SP 12 GAUGE ANCHOR RAIL END SECTION, ITEM 603125
- MSKT SP FIRST TOP POST, ITEM 603127
- MSKT SP FIRST BOTTOM POST, ITEM 603129
- MSKT SP SECOND TOP POST, ITEM 603131
- MSKT SP SECOND BOTTOM POST, ITEM 603133
- MSKT SP CABLE ANCHOR BOX, ITEM 603135
- MSKT SP CABLE ANCHOR ASSEMBLY, ITEM 603137
- MSKT SP STRUT, ITEM 603139
- MSKT SP W-BEAM MGS RAIL SECTION (9' 4.5"), ITEM 603141

M FLEAT COMPLETE END TERMINAL, ITEM 603151

- M FLEAT IMPACT HEAD, ITEM 603153
- M FLEAT ANCHOR RAIL 12' 6", ITEM 603155
- M FLEAT SECOND RAIL 10' 5", ITEM 603157
- M FLEAT THIRD RAIL 13' 6.5", ITEM 603159
- M FLEAT FIRST TOP POST, ITEM 603161
- M FLEAT FIRST BOTTOM POST, ITEM 603163
- M FLEAT HINGE SECOND/THIRD TOP POST, ITEM 603165
- M FLEAT HINGE SECOND/THIRD BOTTOM POST, ITEM 603167
- M FLEAT CABLE ANCHOR BOX, ITEM 603169
- M FLEAT CABLE ANCHOR ASSEMBLY, ITEM 603171
- M FLEAT GROUND STRUT, ITEM 603173

MSKT SP BROWN COLOR COMPLETE END TERMINAL, ITEM 603183

- MSKT SP IMPACT HEAD BROWN COLOR, ITEM 603185
- MSKT SP 12 GAUGE ANCHOR RAIL END SECTION BROWN COLOR, ITEM 603187
- MSKT SP FIRST TOP POST BROWN COLOR, ITEM 603189
- MSKT SP FIRST BOTTOM POST BROWN COLOR, ITEM 603191

MSKT SP SECOND TOP POST BROWN COLOR, ITEM 603193
MSKT SP SECOND BOTTOM POST BROWN COLOR, ITEM 603195
MSKT SP CABLE ANCHOR BOX BROWN COLOR, ITEM 603197
MSKT SP CABLE ANCHOR ASSEMBLY BROWN COLOR, ITEM 603199
MSKT SP STRUT BROWN COLOR, ITEM 603201
MSKT SP W-BEAM MGS RAIL SECTION (9' 4.5 1/2") BROWN COLOR, ITEM 603203

M FLEAT BROWN COLOR COMPLETE END TERMINAL, ITEM 603213
M FLEAT IMPACT HEAD BROWN COLOR, ITEM 603215
M FLEAT ANCHOR RAIL 12' 6" BROWN COLOR, ITEM 603217
M FLEAT SECOND RAIL 10' 5" BROWN COLOR, ITEM 603219
M FLEAT THIRD RAIL 13' 6.5 " BROWN COLOR, ITEM 603221
M FLEAT FIRST TOP POST BROWN COLOR, ITEM 603223
M FLEAT FIRST BOTTOM POST BROWN COLOR, ITEM 603225
M FLEAT HINGE SECOND/THIRD TOP POST BROWN COLOR, ITEM 603227
M FLEAT HINGE SECOND/THIRD BOTTOM POST BROWN COLOR, ITEM 603229
M FLEAT CABLE ANCHOR BOX BROWN COLOR, ITEM 603231
M FLEAT CABLE ANCHOR ASSEMBLY BROWN COLOR, ITEM 603233
M FLEAT GROUND STRUT BROWN COLOR, ITEM 603235

This Special Provision supplements and modifies Section 603, "Guardrails and Guardrail Terminals," of the Standard Specifications.

(A) GENERAL:

Work under these items consists of repairing/replacing existing damaged guardrail approach terminals and parts. The terminals may also be installed as part of new guardrail installations. All new guardrail terminals shall comply with the current MASH requirements unless specified by the CA. Work shall include removal and disposal of all damaged components of the existing unit and furnishing and installing the replacement units as shown on the detailed drawings and as directed by the CA. Also included in this work is cleaning the immediate area around the unit of debris.

These items may also be used for installation of units in locations where existing guardrail installations are being upgraded, and terminals are deemed to be necessary. All units shall meet FHWA standards for use as guardrail complete end terminals in existing locations unless specified by the CA. New installations or replacements of existing locations shall meet MASH 2016 requirements. All guardrail complete end terminals are considered generally equal in function. However, due to differences in intended use at each location and differing site conditions (lateral clearance, cross slopes, curbs, etc.), certain units will be considered more suitable than others. The CA shall make the final determination as to which unit shall be installed. Other guardrail terminals similar in function may be proposed for substitution with the

approval of the CA at no additional cost to the District.

(B) CONSTRUCTION:

When required by the CA at new locations, shop and/or detailed drawings shall be submitted illustrating the configuration of the proposed unit (anchorage, flare, etc.) and attachment to the existing guardrail or barrier. Upon approval by the CA, preparations may proceed to furnish and install the new unit. The new complete end terminal shall be installed by the Contractor with experienced workers in accordance with the recommendations of the manufacturer. Site preparation shall be done in accordance with the details shown on the shop drawings, submittals and as directed by the CA. After installation, the Contractor shall remove and dispose of the old end terminal. Also he shall remove all dirt, debris, and vegetation remaining under, near, and around the new end treatment.

(C) MEASURE AND PAYMENT:

The unit of measure shall be per each. Payment for each item will be made at the Contract unit price per each, which payment will include, shop drawings, submittals, removal and disposal of the damaged unit, clearing the immediate area of debris, fabricating, furnishing and installing the unit, parts and all labor, tools, equipment, materials, and incidentals needed to ensure a complete and serviceable unit.

32. ANCHORAGE AT STRUCTURE, BRIDGE, OR CONCRETE BARRIER (ANY TYPE GUARDRAIL), ITEM 603247

This Special Provision supplements and modifies Section 603, "Guardrails and Guardrail Terminals," of the Standard Specifications.

(A) GENERAL:

Work under these items consists of furnishing, fabricating and installing various w-beam and thrie-beam transitions to concrete safety shapes, walls, piers, abutments and other fixed objects where substandard transitions are present or where new transitions are needed. The item shall consist of all galvanized steel items shown on the referenced DDOT Standard Drawing from the attachment to the fixed object to the standard guardrail sections, including terminal connectors, anchor bolts, extra posts and transition panels. All new transitions shall be constructed at the 31 inches height or as directed by the CA. Other transitions that may be more suitable for the designated location can be found in the Standard Drawings.

(B) MATERIALS:

Guardrail Items - Requirements of Section 603.01(B) of the Standard Specifications shall apply. All steel shall be galvanized. Reinforcing Steel - AASHTO M31, Grade 60 with epoxy coating per AASHTO M264. Concrete - Class B, Structural. Epoxy Resin Adhesive (Bonding Agent) - Epoxy adhesive shall conform to AASHTO M235 Type III, two-part mix in equal parts (1:1), thixotropic (non-sag).

(C) SHOP DRAWINGS:

Prior to constructing the unit, the Contractor shall submit shop drawings showing the complete installation including modifications to the concrete barrier and how the unit will be attached to the barrier.

(D) CONSTRUCTION:

The transitions and concrete barrier modifications shall be constructed in accordance with the standard drawings and approved shop drawings to such a line and grade which will produce a smooth, straight approach to the fixed object.

(E) MEASURE AND PAYMENT:

The unit of measure for w-beam and thrie-beam transitions shall be per each unit furnished and installed. Payment for w-beam and thrie-beam transitions shall be made at the Contract unit price per each, which payment shall include preparation of shop drawings, fabricating, galvanizing, drilling, furnishing and installing the unit as shown in the respective standard drawing and as specified herein and all labor, tools, materials, equipment and incidentals needed to complete the specified work.

33. F&I SHA TYPE L COMPLETE END TERMINAL, ITEM 603251

ANCHOR RAIL, ITEM 603253

TIMBER POST, ITEM 603255

CABLE ANCHOR ASSEMBLY, ITEM 603257

(A) GENERAL:

This special provision modifies and supplements Section 603, "Guardrails and Guardrail Terminals," of the District Department of Transportation (DDOT) Standard Specifications for Highways and Structures (2013 Edition). It applies to all work associated with furnishing and installing the SHA Type L Guardrail Complete End Terminal (Item 603251), including all materials, hardware, excavation, backfill, and incidental construction necessary to complete the work in accordance with contract documents and the direction of the CA.

The work under this item shall include furnishing, assembling, and installing the SHA Type L Guardrail Complete End Terminal as detailed in the contract plans and manufacturer's instructions. This system shall be installed at locations shown in the plans or as directed by the CA, serving as the end treatment of w-beam guardrail systems. All materials used shall be new and comply with Section 603 of the DDOT Standard Specifications, and Maryland Roads Standard No. MD 605.13 unless otherwise specified. The terminal system shall be an approved proprietary product, tested and accepted under applicable MASH Test Level 3 standards, for unidirectional impact performance, suitable for installation on tangent or flared roadside conditions depending on site requirements. The system includes all necessary components such as foundation elements, anchoring hardware, backup structures, and the terminal itself. The

Contractor shall submit manufacturer's shop drawings and installation instructions to the CA for approval prior to installation. Installation must follow the approved manufacturer's procedures, including site grading, orientation, elevation, and hardware placement. Any deviations from these procedures require prior approval from the CA. Site preparation, including grading, excavation, or embankment necessary to ensure correct alignment and elevation of the terminal system, shall be incidental to this item. If concrete footings, anchor blocks, or backup plates are required, these shall be provided per manufacturer specifications and included in the unit price.

(B) MEASURE:

Measurement for payment for these items shall be per each.

(C) PAYMENT:

Payment shall be made at the contract unit price per each, which shall be full compensation for furnishing all labor, materials, equipment, tools, submittals, grading, excavation, and incidentals necessary to complete the work in accordance with contract documents and specifications.

34. APPROACH TRANSITION

W-BEAM APPROACH TRANSITION, ITEM 603267

THRIE-BEAM APPROACH TRANSITION, ITEM 603269

W-BEAM APPROACH TRANSITION, WEATHERING STEEL, ITEM 603271

THRIE-BEAM APPROACH TRANSITION, WEATHERING STEEL, ITEM 603273

W-BEAM APPROACH TRANSITION, BROWN COLOR, ITEM 603275

THRIE-BEAM APPROACH TRANSITION, BROWN COLOR, ITEM 603277

This Special Provision supplements and modifies Section 603, "Guardrails and Guardrail Terminals," of the Standard Specifications.

(A) GENERAL - Work under these items consists of furnishing, fabricating and installing various w-beam and thrie-beam transitions to concrete median barrier, walls, piers, abutments and other fixed objects where transitions are needed. They shall be installed according to the D.C. Standard Drawings section 603. All new transitions shall be constructed at the 31 inches height.

(B) MATERIALS:

The items shall consist of all galvanized or weathering steel, depending on the item.

(C) SHOP DRAWINGS - Prior to constructing the unit, the Contractor shall submit shop drawings showing the complete installation including modifications to the concrete barrier and how the unit will be attached to the barrier.

(D) CONSTRUCTION METHODS - The transitions shall be constructed in accordance with the

standard drawings and approved shop drawings to such a line and grade which will produce a smooth, straight approach to the fixed object.

(E) MEASURE AND PAYMENT - The unit of measure for w-beam and thrie-beam transitions shall be per each unit furnished and installed. Payment for w-beam and thrie-beam transitions shall be made at the Contract unit price per each, which payment shall include preparation of shop drawings, fabricating, galvanizing, drilling, furnishing and installing the unit as shown in the respective standard drawing and as specified herein and all labor, tools, materials, equipment and incidentals needed to complete the specified work.

35. ORNAMENTAL FENCE

F&I ORNAMENTAL FENCE 4-6 FT HEIGHT, ITEM 604007

ORNAMENTAL FENCE 4-6 FT HEIGHT, ITEM 604009

F&I ORNAMENTAL FENCE 6-8 FT HEIGHT, ITEM 604011

ORNAMENTAL FENCE 6-8 FT HEIGHT, ITEM 604013

RESET ORNAMENTAL FENCE (ANY HEIGHT), ITEM 604019

(A) GENERAL:

This work consists of furnishing and installing, removing and replacing, or resetting ornamental fencing in accordance with the contract documents and as directed by the CA. Ornamental fencing shall be installed at locations identified in the plans or designated in the field. The work includes installation of new decorative metal fencing, removal and replacement of damaged or non-conforming sections, and resetting of existing fence as needed to align with site adjustments or infrastructure upgrades. For furnish and install operations, the Contractor shall supply all materials and construct a complete ornamental fence system to the specified height and design, including posts, panels, gates, and fittings. For remove and replace operations, the Contractor shall remove the existing fence and replace it with a new unit of the same design or as directed. For reset operations, the Contractor shall carefully remove and reinstall existing fencing at new or adjusted locations, ensuring alignment and structural stability.

(B) MATERIALS:

All ornamental fence components shall be fabricated from galvanized or powder-coated steel or aluminum, with finishes approved by the CA. The design and style shall match architectural and aesthetic requirements of the project area, and materials shall be resistant to corrosion, vandalism, and environmental wear. Fence panels shall include vertical pickets, horizontal rails, and decorative elements, assembled to create a uniform appearance. Fence heights shall correspond to the pay item: 4–6 feet for medium-height barriers, and 6–8 feet for taller, more secure installations. All materials shall conform to DDOT Standard Specifications and any approved ornamental fencing details in the contract drawings. Posts shall be manufactured to match the panel material and finish and installed in concrete footings of adequate depth and size to ensure stability. Hardware and fasteners shall be tamper-resistant, weather-resistant, and consistent with the style and finish of the fencing system.

(C) CONSTRUCTION:

Installation shall be carried out by qualified personnel experienced in ornamental fence construction. Fence lines shall be set true to grade, aligned uniformly, and installed to avoid gaps or misalignments. The fence shall follow the existing ground profile or be stepped as needed to maintain a visually consistent appearance. For remove and replace work, the existing fencing shall be removed and properly disposed of. New fencing shall be installed in the same location unless otherwise directed. For reset work, the existing fence shall be carefully disassembled and reinstalled at new or adjusted positions as indicated. The Contractor shall take care to avoid damaging the finish or structural components of the fence during removal or resetting. The Contractor is responsible for restoring any disturbed areas adjacent to the fence, including landscaping, hardscaping, or adjacent structures. Any damage caused during construction shall be repaired at no additional cost to the Department.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of ornamental fence, removed and replaced, or reset, as specified in the contract. The contract unit price shall include furnishing all labor, materials, concrete footings, tools, equipment, and all hardware incidentals required to complete the work. For furnish and install and remove and replace items, payment includes the full cost of the fence system, installation or removal and disposal, and any related site restoration. For reset items, payment includes removal, transport, storage if necessary, and reinstallation of the existing fence, including foundation work as required. No separate payment will be made for excavation, disposal, or restoration. All work shall conform to DDOT Standard Specifications and be subject to inspection and approval by the CA.

36. F&I CHAIN LINK FENCE 4-6 FT HEIGHT, ITEM 604023

CHAIN LINK FENCE 4-6 FT HEIGHT, ITEM 604025

F&I CHAIN LINK FENCE 6-8 FT HEIGHT, ITEM 604027

CHAIN LINK FENCE 6-8 FT HEIGHT, ITEM 604029

(A) GENERAL:

This work consists of furnishing and installing, or removing and replacing, chain link fence in accordance with the contract documents and as directed by the CA. Fence installations may vary in height from 4 feet to 8 feet, depending on the location and specified pay item. The Contractor shall ensure that all work is completed using materials and installation methods that meet DDOT Standard Specifications and are appropriate for public right-of-way applications. For furnish and install operations, the Contractor shall provide all new materials and construct the fence to the specified height and alignment. For remove and replace operations, the Contractor shall carefully remove the existing fence and install a new fence of equal or improved quality, ensuring that all posts, rails, mesh, and accessories are properly installed and aligned.

(B) MATERIALS:

All chain link fence materials shall conform to DDOT Standard Specifications and shall be suitable for urban highway environments. Fencing shall consist of galvanized steel fabric, posts, rails, and fittings, with all components resistant to corrosion and vandalism. Fence Fabric shall be woven chain link mesh with a minimum 2-inch diamond pattern and manufactured from galvanized steel wire. The gauge of the wire shall meet DDOT standards for durability and security. Vinyl-coated fabric may be used if specified in the plans or approved by the CA. Posts and Rails shall be galvanized steel pipe, appropriately sized for the fence height. Posts shall be embedded in concrete footings of sufficient depth and diameter to support the fence under typical wind and environmental loads. Fittings and Hardware shall include tension bars, bands, ties, caps, and braces, all galvanized and sized to match the fence system. All fasteners shall be tamper-resistant and weatherproof.

Fence Heights shall be as follows:

- For items specified as 4–6 feet, the installed fence height shall fall within this range, based on plan details or site conditions.
- For items specified as 6–8 feet, the installed fence shall match the specified height as directed.

(C) CONSTRUCTION:

Installation shall be carried out by skilled workers experienced in fence construction. All posts shall be installed plumb and aligned. The chain link fabric shall be stretched tightly and evenly between posts, without sagging. End, corner, and gate posts shall be braced as necessary to maintain structural stability. When replacing existing fencing, the Contractor shall remove and dispose of all components not designated for reuse. All new fencing shall be installed in the same alignment unless otherwise directed by the CA. Any damage to adjacent pavement, landscaping, or infrastructure caused during fence removal or installation shall be repaired at the Contractor's expense. Gate installation, if required, shall be performed using compatible materials and hardware and installed to allow for smooth operation and proper locking mechanisms.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be the number of linear feet of chain link fence removed and replaced, as specified in the contract and completed in the field.

The contract unit price shall include full compensation for:

- Furnishing and installing all posts, rails, mesh fabric, fittings, hardware, concrete footings, and other accessories
- Removal and disposal of existing fencing (for replacement items)
- Labor, tools, transportation, and equipment necessary to complete the work
- Restoration of any disturbed areas
- No separate payment shall be made for excavation, concrete, or disposal. All costs associated with proper fence construction and removal are included in the unit prices for the applicable pay items.

- All work shall conform to DDOT's current Standard Specifications for Highways and Structures, and any supplemental requirements issued by the Department.

37. R/R PCC MEDIAN BARRIER (0 CY LESS THAN OR EQUAL TO 5 CY), ITEM 610011

R/R PCC MEDIAN BARRIER (GREATER THAN 5 CY LESS THAN OR EQUAL TO 10 CY), ITEM 610013

R/R PCC MEDIAN BARRIER (GREATER THAN 10 CY), ITEM 610015

This Special Provision supplements and modifies Section 610, "Traffic Barriers," of the Standard Specifications

(A) GENERAL:

Work under these items includes repair of PCC median barriers and construction of PCC barrier transitions.

(B) MATERIALS:

Reinforcing Steel - AASHTO M31, Grade 60 with epoxy coating per AASHTO M264

Concrete - Class B, Structural

Epoxy Resin Adhesive (Bonding Agent) - Epoxy adhesive shall conform to AASHTO M235 Type III, two parts mix in equal parts (1:1), thixotropic (non-sag)

(C) CONSTRUCTION:

The Contractor shall be prepared to conduct upgrading of sites that have all types of median barrier. This includes, but is not restricted to, New Jersey shape, F shape, single slope, and straight wall barriers. Stone or stone-faced barrier shall be paid for using another item. Removal shall not fracture any of the remaining concrete. Any concrete damaged beyond the authorized limits of removal shall be replaced by the Contractor at no cost to the District. Existing reinforcing steel shall be either bent to conform to its original configuration or replaced with new steel. If the barrier is a shape such as New Jersey or F that normally requires a standard form, a suitable form shall be provided and secured in place prior to concrete placement. Epoxy resin adhesive shall be applied to all contact surfaces between existing and new concrete.

(D) MEASURE AND PAYMENT:

This item is broken into three tiers based on the volume of PCC MEDIAN BARRIER to be placed in one work order. The unit of measure for PCC MEDIAN BARRIER shall be the cubic yard, complete and in place. Payment for PCC MEDIAN BARRIER shall be made at the Contract unit price per cubic yard, which payment will include forming, furnishing and placement of concrete and all labor, tools, materials, equipment and incidentals needed to complete the required work.

38. R/R PORTABLE PRECAST PCC BARRIER, ITEM 610019

(A) GENERAL

Work under this item consists of removing, relocating, resetting, and reinstalling existing portable precast Portland Cement Concrete (PCC) barrier units at the locations shown on the plans or as directed by the CA. The work includes handling, temporary storage (if required), resetting, realignment, and reconnection of barrier units to maintain continuous roadway safety and traffic control.

(B) MATERIALS

Existing portable precast PCC barrier units shall be reused and shall be free of excessive cracking, spalling, or other defects that would affect performance, as determined by the CA.

- Connection Hardware: Existing pins, loops, bolts, and connectors may be reused if in good condition and approved by the Engineer. New connection hardware shall be furnished as required to replace missing, damaged, or non-compliant components.
- Delineation: Existing reflectors, delineators, or reflective panels shall be reinstalled where present. Damaged or missing delineation shall be replaced in kind and in accordance with the plans and applicable standards.
- Replacement Units (if required): Precast concrete barriers meeting DDOT and AASHTO requirements.
- Reinforcing Steel (for replacement units): AASHTO M31, Grade 60, epoxy-coated per AASHTO M264.

(C) CONSTRUCTION

The Contractor shall carefully remove existing portable precast PCC barriers without damage to the units or adjacent roadway features. Prior to resetting, the foundation surface shall be prepared to provide a firm, stable, and uniform bearing surface, free of debris and standing water. Barrier units shall be reset to the required line, grade, and alignment. Connections between barrier units shall be installed in accordance with manufacturer recommendations. Reflectors and delineators shall be properly aligned and securely fastened. Any barrier units or appurtenances damaged by the Contractor's operations shall be replaced at no additional cost to the Contract.

(D) MEASURE AND PAYMENT

The measure for R/R Portable Precast PCC Barrier shall be the linear foot, complete and in place. Payment shall include removal, handling, transportation, surface preparation, temporary storage (if required), resetting, realignment, anchoring, connection hardware, delineation replacement, and all labor, equipment, materials, and incidentals necessary to complete the work.

39. REMOVE PORTABLE PRECAST PCC BARRIER, ITEM 610021

(A) GENERAL

Work under this item consists of removing existing portable precast Portland Cement Concrete (PCC) barrier units from the locations shown on the plans or as directed by the CA. The work includes disconnection, handling, loading, and removal of barrier units to designated locations or disposal areas as specified. This item does not include furnishing or installing new barrier units.

(B) MATERIALS

No new materials are required under this item. Existing portable precast PCC barrier units and associated hardware shall be removed intact where salvage or reuse is required, as directed by the CA.

(C) CONSTRUCTION

The Contractor shall carefully remove portable precast PCC barrier units without damage to adjacent barriers, pavement, roadway features, or structures. Barrier connections, pins, bolts, and other appurtenances shall be disengaged prior to removal. After removal, the affected area shall be left in a clean and safe condition. Any damage to the roadway, pavement surface, or adjacent facilities resulting from removal operations shall be repaired by the Contractor at no additional cost to the Contract.

(D) MEASURE AND PAYMENT

The measure for Remove Portable Precast PCC Barrier shall be the linear foot of barrier removed. Payment shall include all labor, equipment, tools, handling, loading, transportation, and incidentals necessary to remove the barrier units complete, as specified.

40. MAINTENANCE OF HIGHWAY TRAFFIC, ITEM 612002

This Special Provision supplements and modifies Section 104.02, "Maintenance of Traffic," and Section 612, "Traffic Control," of the Standard Specifications.

MEASURE AND PAYMENT

Payment will be made in twelve equal installments per year.

If additional task orders are put on this contract, each task order Maintenance of Traffic (MOT) payment will be paid by calculating ratios converted to percentages of the MOT contract amounts included in the initial and subsequent ordering periods and the total contract amounts for the initial and subsequent ordering periods amounts. The formula to calculate the task order MOT for the combined order periods are:

Ordering Period:

$$\frac{\text{Bid/Contract Lump Sum MOT Amount}}{\frac{\text{Current Ordering Period}}{\text{Total Contract/Bid Amount Current Ordering Period}}} = \text{MOT bid/contract ratio of Current Ordering Period} = \text{Percentage to Calculate MOT for Task Orders in Current Ordering Period}$$

Task Orders MOT in Current Ordering Period:

$$\text{Task Order Amount Current Ordering Period} \times \text{Percentage to Calculate MOT for Task Orders Current Ordering Period} = \$ \text{Amount for Task Order MOT Current Ordering Period}$$

The same formulas will be applied for all contract subsequent Ordering Periods.

Ordering Period Example:

Ordering Period			
Bid/Contract Amount			\$ 1,000,000.00
MOT Bid/Contract			\$ 50,000.00
Ratio to calculate MOT			5.00%
Task Order Amount			\$ 100,000.00
MOT			\$ 5,000.00
Task Order Amount			\$ 125,000.00
MOT			\$ 6,250.00
Task Order Amount			\$ 775,000.00
MOT			\$ 38,750.00
Total MOT to be Paid for Current Ordering Period			\$ 50,000.00

41. **F&I IMPACT ATTENUATOR NOSE WARNING SIGN, ITEM 616009**
42. **F&I IMPACT ATTENUATOR ID MARKER, ITEM 616013**

This Special Provision supplements and modifies Section 616, "Traffic Signing," of the Standard Specifications.

(A) GENERAL:

Work under Impact Attenuator Nose Warning Sign, item 616009, consists of furnishing and installing a MUTCD OM3-L, OM3-C, or OM3-R sign in the dimensions specified below on the front face of all new impact attenuators (barrel, flex belt, nose cover). Work under Impact Attenuator ID Marker, item 616013, consists of furnishing and installing a MUTCD D3-1 sign except with no white border, that shall be attached to the attenuator to denote its identification number. The number for each attenuator shall be unique. Contractor shall maintain a sufficient quantity of these signs to insure prompt installation.

(B) MATERIALS:

Requirements of 616.02 apply. Reflective aluminum sheeting shall be 0.025 gauge and shall meet the requirements of Type III, High Intensity Sheeting as specified in 824.02.

(C) CONSTRUCTION:

Impact Attenuator Nose Warning Sign shall be attached to the front face of impact attenuators with speed bolts or other approved fasteners as follows: Sand Modules - A 24" x 30" sign shall be attached to the front barrel, curved to the outside diameter, and facing to the front of the installation. If more than one barrel is in the front row, attach it to the barrel closest to the traffic. Impact Attenuator (Quad Guard, TAU II and Quad Guard Elite) Units - A 48" x 24" sign shall be attached to the nose cover so that the sheeting conforms to the curvature of the unit. Impact Attenuator (SMART) Units - A 24" x 24" width sign shall be attached to the nose cover so that the sheeting conforms to the curvature of the unit. Impact attenuator marker shall be a 12" x 6" sign with the impact attenuator's identification number on the sign. Sign shall be attached to the back of the attenuator with a metal post 12" high or attached to another structure in a way that is visible or directed by CA.

(D) MEASURE AND PAYMENT:

Payment for Impact Attenuator Nose Warning Sign, item 616009, shall be made at the Contract unit price per square foot, which payment shall include furnishing and installing Impact Attenuator Nose Warning Sign, and all materials, labor, tools, equipment and incidentals required to complete the work. Payment for Impact Attenuators ID Marker, item 616013, shall be made at the Contract unit price per each, which payment shall include furnishing and installing the units, and all materials, labor, tools, equipment and incidentals required to complete the work.

43. F&I FLEXIBLE DELINEATOR POST 28" HIGHT, ITEM 616017

(A) GENERAL:

Work includes furnishing and installing Surface Mount Flexible Posts on heavy duty base, at locations as directed by the CA.

(B) MATERIALS:

Pexco/Davidson FG 300 UR surface mount channelizer posts or approved equivalent. The product shall be manufactured from a durable polyurethane polymer that provides high tensile and elongation properties as well as resistance to tearing and puncture. The item shall be Pexco/Davidson type FG 300 UR or approved equivalent.

Minimum requirements include:

- 28" Hight
- Post color – white
- 3M high intensity grade reflective sheeting
- 1.5 lbs. heavy duty base or invisible flush mount base, as directed by the CA
- Conform to MUTCD & NCHRP 350 standards
- The Contractor shall submit samples of the product with specifications for approval by the CA before installation.

(C) CONSTRUCTION:

The installation of Flexible Post and Base shall be approved by the CA and be completed in accordance with manufacturer's specifications. Installation on asphalt will use four threaded asphalt bolts (3/8" x 4" Tapcon or equivalent) holding base to the surface. Installation on concrete will use four wedge anchors (3/8" x 4" Red Head or equivalent) holding base to the surface. Installation on bridge decks, viaducts, other aerial or elevated structures will use epoxy adhesive (Hilti or similar) holding the base to the surface.

(D) MEASURE & PAYMENT:

The unit of measure shall be per each unit furnished and installed, which payment include all labor, equipment, material and incidentals necessary for installation.

44. RESET SAND-FILLED MODULE IMPACT ATTENUATOR, ITEM 617013

(A) GENERAL:

This item consists of resetting/moving an existing sand-filled module impact attenuator up to a maximum of 6 feet. Work may include some or all of the following: removing the sand inside the barrel, resetting it, releveing it, refilling it with sand, reinstalling the inner core (if applicable) and, and reinstalling the lid. Also included in this work is cleaning of the immediate area around the module of debris. All work shall comply with manufacturer's specifications and DDOT and FHWA standards.

(B) MEASURE:

Measurement for this item shall be per each impact attenuator module reset and accepted by the CA.

(C) PAYMENT:

Payment will be made at the contract unit price per each module reset. Payment includes all labor, tools, equipment, and materials necessary for proper reset and adjustment of the module.

45. FURNISH & INSTALL SAND-FILLED MODULE IMPACT ATTENUATOR LID ONLY, ITEM 617015

(A) GENERAL:

This item consists of furnishing and installing a replacement lid for a sand-filled module impact attenuator. The lid shall be installed in accordance with the manufacturer's specifications to ensure structural integrity, weather protection, and proper operation of the impact attenuator.

(B) MEASURE:

Measurement for this item shall be per each lid furnished and installed, fully accepted by the CA.

(C) PAYMENT:

Payment will be made at the contract unit price per each lid, which shall include all labor, materials, tools, equipment, and incidentals necessary to complete the work as specified.

46. INSTALL SAND-FILLED MODULE IMPACT ATTENUATOR LID ONLY, ITEM 617017

(A) GENERAL:

This item consists of installing a lid for a sand-filled module found on site but not attached to the module. The lid shall be installed in accordance with the manufacturer's specifications to ensure structural integrity, weather protection, and proper operation of the impact attenuator.

(B) MEASURE:

Measurement for this item shall be per each lid furnished and installed, fully accepted by the CA.

(C) PAYMENT:

Payment will be made at the contract unit price per each lid, which shall include all labor, materials, tools, equipment, and incidentals necessary to complete the work as specified.

47. F&I TEMPORARY IMPACT ATTENUATOR MASH SENTRY LONGITUDINAL ENERGY DISSIPATOR (SLED) TL-3, ITEM 617021

CONTAINMENT IMPACT SLED WITH EMPTY MODULE, ITEM 617023
MODULE-WATER FILLED, ITEM 617025

(A) GENERAL:

This work consists of furnishing, assembling, installing, and where applicable, removing and replacing an impact attenuator that does not meet the Manual for Assessing Safety Hardware (MASH) 2016 requirements. The focus of this work is the upgrade and replacement of existing Sentry Longitudinal Energy Dissipator (SLED) TL-3 units or similar impact attenuators systems with units that are fully compliant with MASH 2016 Test Level 3 (TL-3) standards. Installation of the impact attenuators shall be performed at locations shown on the plans or as directed by the CA and in full accordance with the manufacturer's recommendations. The scope also includes the removal and proper disposal of any existing, damaged, or non-compliant impact attenuators units. Existing impact attenuators that meet the older NCHRP Report 350 (1993), TL-3 criteria may be repaired and re-used if they are not damaged beyond repair and if parts are still available. Once they are determined to be irreparable, they must be replaced with MASH 2016 compliant units. Any proposed substitute impact attenuator must also meet MASH 2016 TL-3 requirements, be approved by the FHWA, and demonstrate performance characteristics that are equal to or better than the listed SLED system.

(B) MATERIALS:

Impact attenuators shall be provided as complete, manufacturer-supplied units and assembled using only materials and components approved by the manufacturer and the Federal Highway Administration (FHWA). Impact attenuators materials must be sourced directly from the attenuator's manufacturer to ensure full compliance with design and safety standards. Components shall not be interchanged between systems unless explicitly approved in writing by the manufacturer and the CA. Backup structure requirements vary depending on site conditions. Existing concrete backup pads may be re-used if structurally sound and compatible with the new unit. If not available or suitable, the unit shall be installed with a tension strut backup as specified by the manufacturer, or a new approved backup structure shall be constructed. For payment purposes, the use of a tension strut backup shall be considered equivalent to using an existing concrete backup. However, the construction of a new backup will be considered additional work and shall be paid for under a separate contract item. Attenuator nose warning signs are required for all installed units and shall be included with this item. The marker shall be fabricated from 0.025-gauge aluminum sheet and overlaid with Type III High-Intensity Reflective Sheeting, conforming to MUTCD visibility requirements.

(C) CONSTRUCTION:

Installation shall be performed by qualified personnel experienced in the handling and assembly of the specified impact attenuators system. All installation work shall follow the latest manufacturer instructions and FHWA guidance. Activities such as concrete pad placement, excavation, or demolition of existing concrete appurtenances shall be paid for under other applicable contract items and are not included in this item. The Contractor is responsible for

ensuring all components are installed correctly and securely, with proper alignment and anchorage, to ensure full operational performance of the impact attenuators under impact conditions.

(D) SHOP DRAWINGS:

Shop drawings shall be submitted to the CA for approval prior to fabrication or installation of the unit. The drawings must indicate all details related to layout, attachment to existing backup structures, and any site modifications such as pad extensions or new foundations. If the unit to be installed matches an existing, previously approved installation and no site changes are required, submittal of shop drawings is not necessary.

(E) MEASUREMENT AND PAYMENT:

The unit of measure shall be per each unit furnished and installed, complete and in place. The contract unit price shall include all costs associated with furnishing, assembling, and installing the new impact attenuators, including:

- Removal and disposal of the existing impact attenuators or damaged module
- Submission of shop drawings, if required
- Delivery of the new unit and all associated materials
- Labor, tools, supervision, and incidentals necessary to complete the work

48. QUAD GUARD IMPACT ATTENUATORS:

F&I 1-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617031
F&I 2-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617033
F&I 3-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617035
F&I 4-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617037
F&I 5-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617039
F&I 6-BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617041
F&I 6-BAY QUAD GUARD IMPACT ATTENUATOR (30"), ITEM 617043
F&I 6-BAY QUAD GUARD IMPACT ATTENUATOR (36"), ITEM 617045
F&I 6-BAY QUAD GUARD IMPACT ATTENUATOR (69"), ITEM 617047
F&I 6-BAY QUAD GUARD IMPACT ATTENUATOR (90"), ITEM 617049
F&I 8 BAY QUAD GUARD IMPACT ATTENUATOR (24"), ITEM 617051
F&I 8 BAY QUAD GUARD IMPACT ATTENUATOR (30"), ITEM 617053
F&I 8 BAY QUAD GUARD IMPACT ATTENUATOR (36"), ITEM 617055
F&I 8 BAY QUAD GUARD ELITE M10 IMPACT ATTENUATORS (24" to 36" WIDE), ITEM 617057

(A) GENERAL:

Work consists of furnishing and installing an above attenuator. Also included are removal and disposal of an existing impact attenuator if one exists at the installation location. Impact

attenuators meeting the recommended criteria found in the National Cooperative Highway Research Program (NCHRP) Report 350, 1993, Test Level 3 may be repaired as needed until they are damaged beyond repair or when parts are no longer available. Then they shall be replaced with the MASH 2016 compliant units. Impact attenuators proposed as a substitution to those listed shall also meet the MASH 2016 criteria, be approved by the FHWA and have performance characteristics equal or better than the listed unit.

(B) MATERIALS:

- (1) Impact Attenuators Materials - Impact attenuators shall be furnished with materials furnished by the manufacturer of that unit and in a configuration approved by the FHWA.
- (2) Backup Structure - The existing concrete backup shall be used if available. Otherwise, either the unit will be furnished with a tension strut backup or an approved backup shall be constructed. For the purpose of payment, the cost of providing the tension strut backup shall be considered equivalent to the cost of attaching the unit to an existing concrete backup. Construction of a new backup shall be considered extra and will be either paid from Contract items or the price will be negotiated separately.
- (3) Attenuator Nose Warning Sign - A 24" high x 48" wide attenuator nose warning sign shall be wrapped around and securely attached to the nose of the impact attenuators facing oncoming traffic. The material shall be 0.025-gauge aluminum sheet and the legend shall be made from Type III High Intensity Reflective Sheeting.

(C) CONSTRUCTION:

Installation of the impact attenuators shall be accomplished by the Contractor with experienced workers in accordance with the recommendations of the manufacturer. Site preparation, such as excavation, placement of the concrete pad, removing or repairing existing concrete appurtenances, shall be covered under other appropriate Contract items.

(D) SHOP DRAWINGS:

Before fabricating the unit, shop drawings shall be submitted for approval by the CA. If lengthening of an existing concrete pad or construction of a new backup is needed, it shall be shown on the drawing. If no site modification is required and the same size unit has already been approved, no submittal is necessary.

(E) MEASURE AND PAYMENT:

The unit of measure for the various impact attenuators shall be per each unit installed, complete and in place. Payment for the impact attenuators shall be made at the Contract unit price per each, which payment shall include removal and disposal of the existing damaged impact attenuator, submitting shop drawings and fabricating, furnishing, assembling and installing the new impact attenuator and all labor, tools, materials, equipment and incidentals needed to complete the specified work.

49. REPLACE QUAD GUARD, QUAD GUARD ELITE, TAU II, SMART IMPACT ATTENUATOR PART:

QUAD GUARD FENDER PANEL, ITEM 617081
QUAD GUARD NOSE ASSEMBLY, ITEM 617083
QUAD GUARD DIAPHRAGM, ITEM 617085
QUAD GUARD CARTRIDGE, ITEM 617087
QUAD GUARD ELITE NOSE ASSEMBLY, ITEM 617097
QUAD GUARD ELITE DIAPHRAGM, ITEM 617099
QUAD GUARD ELITE FENDER PANEL, ITEM 617101
QUAD GUARD ELITE NOSE CYLINDER 28"x30" HDPE, ITEM 617103
QUAD GUARD ELITE ME1 CYLINDER, ITEM 617105
QUAD GUARD ELITE ME2 CYLINDER, ITEM 617107
QUAD GUARD ELITE ME3 CYLINDER, ITEM 617109
QUAD GUARD MONORAIL (3-BAY), ITEM 617125
QUAD GUARD MONORAIL (4-BAY), ITEM 617127
QUAD GUARD MONORAIL (5-BAY), ITEM 617129
QUAD GUARD MONORAIL (6-BAY), ITEM 617131
QUAD GUARD MONORAIL (8-BAY), ITEM 617133
TAU II NOSE ASSEMBLY, ITEM 617143
TAU II FRONT SUPPORT LEG KIT, ITEM 617145
TAU II FRONT SUPPORT ASSEMBLY, ITEM 617149
TAU II MIDDLE SUPPORT ASSEMBLY, ITEM 617151
TAU II SLIDING PANEL, ITEM 617153
TAU II CARTRIDGE, ITEM 617155
SMART CUSHION IMPACT ATTENUATORS NOSE ASSEMBLY, ITEM 617167
SMART CUSHION IMPACT ATTENUATORS FENDER PANEL, ITEM 617169
SMART CUSHION IMPACT ATTEENUATORS DIAPHRAGM, ITEM 617171

(A) GENERAL:

The above items are used in the repair of impact attenuators. Work consists of dismantling the damaged area, removing and disposing of damaged parts, and furnishing and installing replacement parts in compliance with the manufacturer's specifications. MASH 2016-compliant impact attenuators shall be repaired with parts manufactured for those impact attenuators. Impact attenuators meeting NCHRP Report 350 shall be repaired with parts manufactured for those units. Hex-Foam replacement parts are no longer manufactured. When these units are damaged, they shall be replaced with equivalent Quad Guard units meeting MASH 2016 requirements at the Contract unit price. The Contractor shall employ properly qualified personnel who are thoroughly familiar with the refurbishment of impact attenuators. They shall work with the manufacturer's representative and follow all procedures to ensure that the work is performed properly. Care shall be taken during repair operations to ensure that additional components are not damaged. The Contractor shall be responsible for repairing any damaged that he causes without further compensation. The Contractor shall maintain a sufficient supply of fender panels;

nose covers and cartridges to insure prompt repair of the unit. All other parts may be purchased from the manufacturer as they are needed.

Work under this item includes removal of dirt, debris and vegetation under, near and around existing impact attenuator installations that have been damaged and repair work assigned, as directed by the CA.

(B) MEASURE AND PAYMENT:

The unit of measure for the above items shall be per each, complete and in place. Payment for these items shall be made at the Contract unit price per each, which payment shall include all work associated with the removal and disposal of the damaged parts, furnishing and installing replacement parts with hardware, removal of dirt, debris and vegetation, and all labor, tools, equipment and incidentals required for a complete and thorough repair. All other costs associated with the installation of these parts are considered to be incidental and shall be provided for in the unit bid price.

50. REPAIR SMART CUSHION IMPACT ATTENUATOR ITEM 617173

(A) GENERAL:

Work consists of repairing an existing damaged Smart Cushion impact attenuator. The Contractor shall obtain a copy of the manufacturer's repair manual and shall follow the recommended procedures. The work shall ensure that the unit is in a safe and workable condition and clearly visible.

(B) REPOSITIONING:

The attenuator shall be visually inspected to ensure that the method to be utilized in the repositioning will not cause additional damage to the unit or adjacent highway appurtenances. If the impact has sheared off or damaged the anchorages in any way that will make it impossible to reposition the unit, the CA shall authorize the Contractor to replace said anchorages under the appropriate pay items. If the unit is too severely damaged, installing a replacement of the unit with a MASH-compliant unit will be authorized by the CA. The unit shall be repositioned to its full extended position and inspected to determine the extent of damage. If the unit cannot be returned to service immediately, the Contractor may be required to protect the area with sand modules. Following final repositioning, adjustment of cables, and replacement of damaged components, the Contractor shall remove all dirt, debris and vegetation remaining under, near and around the unit. If directed, the exterior surfaces of the unit shall be cleaned.

(C) MEASURE AND PAYMENT:

The unit of measure shall be per each unit repositioned and returned to service. Payment for this item shall be made at the Contract unit price per each. Work under this item includes repositioning the unit, adjusting all cables, installing any necessary parts not listed in the schedule of items, cleaning the unit and immediate area. Also included is all labor, tools

equipment and incidentals required to complete the work.

51. PCC IMPACT ATTENUATOR PLATFORM/BACKUP ITEM 703011

This Special Provision supplements and modifies Section 610, "Traffic Barriers," and Section 703, "Concrete for Structures," of the Standard Specifications.

(A) GENERAL:

Work under this item consists of constructing a concrete impact attenuator platform or backup to existing concrete barrier and other appurtenances needed during the installation of an impact attenuator. Also included is the drilling and grouting of reinforcing steel to anchor the work to existing PCC appurtenances, footings and roadways and the application of an approved epoxy resin adhesive to all contact surfaces.

(B) MATERIALS:

Concrete - Concrete shall conform to Class B structural concrete or otherwise specified, but shall contain aggregate no greater than 1/2" nominal size.

(C) CONSTRUCTION:

The impact attenuators backups and transitions shall be constructed as shown on the drawings provided and as directed by the CA.

(D) MEASURE AND PAYMENT:

The unit of measure shall be the cubic yard, complete and in place. Payment for shall be made at the Contract unit price per cubic yard, which price shall include furnishing and installing the PCC, tools, equipment, materials and incidentals needed to complete the required work.

52. R/R PLATFORM/BACKUP PCC, ITEM 703019

This Special Provision supplements and modifies Section 703, "Concrete for Structures," of the Standard Specifications.

(A) GENERAL:

Work under this item includes repair or partial reconstruction of an impact attenuator platform or backup as directed by the CA. Also included is concrete repair work associated with replacement of impact attenuator anchorages and bolted base guardrail.

(B) MATERIALS:

Concrete - Concrete shall conform to Class B structural concrete or otherwise specified, but shall contain aggregate no greater than 1/2" nominal size.

(C) CONSTRUCTION:

Existing concrete shall be carefully removed to the limits as directed by the CA. Any material removed beyond authorized limits, or any portion of remaining structure damaged as a result of negligence on the part of the Contractor, shall be replaced or repaired by the Contractor at his own expense. All materials removed and debris shall become the property of the Contractor, shall be removed daily and not be dumped or stored in the areas around the location. All items designated to be wholly or partially removed shall conform to any detailed drawings and these Special Provisions, unless otherwise approved by the CA. The use of explosives and blasting procedures is prohibited. Prior to partial concrete removal, the perimeter of the area to be removed shall be carefully saw cut to a neat line. The cut lines shall be made down to the outside layer of reinforcing steel making sure that bars to be retained are not damaged. When existing reinforcing steel is damaged during removal, the Contractor shall, at his own expense, substitute a bar of equal size drilled in and grouted to the required lap as per AASHTO requirements or attach the new bar to existing by means of an approved mechanical bar splice.



(D) MEASURE AND PAYMENT:

The unit of measure shall be the cubic yard, complete in place. Payment for this item shall be made at the Contract unit price per cubic yard, which payment shall include saw cutting to a neat line as required, removal and disposal of all old materials, furnishing and placing PCC and all labor, tools, equipment and incidentals necessary to complete the work.

53. METAL RAILING, ITEM 709005

(A) GENERAL:

This work consists of furnishing and installing metal railing located on top of the parapet of a retaining wall. The work includes fabrication, delivery, and installation of complete metal railing systems including posts, rails, brackets, base plates, anchors, fasteners, fittings, and all incidental materials necessary to provide a fully functional and finished railing system. A reference photograph of a typical installation is shown in Figures 1 and 2, and the installation configuration is



illustrated in Drawing 1, provided in Appendix A and accompanying link.

<https://maps.app.goo.gl/jYdrXEPRVoLqQ6m38>

<https://drive.google.com/file/d/1fWv4pkJD-HYbREkpAQ07aox4orEodfkX/view?usp=sharing>

A typical railing drawing and some example photos are included in this special provision.

Specific designs vary but are similar.

Bridge-mounted railing is not included under this item.

(B) MATERIALS:

Materials shall conform to Section 709 of the DDOT Standard Specifications and the following requirements:

(C) CONSTRUCTION:

Railing shall be installed at the alignment, grade, height, and mounting of the surrounding existing railing condition. The Contractor shall verify all field dimensions prior to fabrication and installation.

(D) MEASUREMENT AND PAYMENT:

The unit of measure shall be per linear foot of railing furnished and installed, complete and in place, measured along the top rail from end to end.

The contract unit price for shall include full compensation for:

- 1) Furnishing all materials
- 2) Fabrication of railing components
- 3) Delivery to the project site
- 4) Installation, anchorage, and alignment
- 5) All fasteners, hardware, and fittings
- 6) Surface preparation, galvanizing, painting, or coating
- 7) Labor, tools, equipment, supervision, and incidentals necessary to complete the work

No separate payment will be made for anchors, base plates, coatings, or incidental materials required to complete the installation.

54. EQUIPMENT:

BACKHOE/LOADER, ITEM 900011

PORTABLE AIR COMPRESSOR. ITEM 900013

DUMP TRUCK, ITEM 900015

BOOM TRUCK, ITEM 900017

SWEEP TRUCK, ITEM 900019

SERVICE TRUCK/FLATBED TRUCK, ITEM 900021

TRUCK MOUNTED ATTENUATOR - HOURLY RATE, ITEM 900023

SKID STEER LOADER, ITEM 900025

(A) GENERAL:

These items shall be used at the direction of the Engineer, for scheduled non-emergency work or non-scheduled emergency work, when said work is not suitable for compensation under other pay items in the contract. The Contractor shall be reimbursed at the contract unit price, which shall be compensation for the specified equipment including operator and required supervision but shall not include compensation for time required for traveling to or from the location of the assigned work.

The quantities for these items may be increased or decreased without any adjustment to the contract unit price or these items may be deleted entirely from the contract by the Contracting Officer without negotiation. The Contractor shall not be allowed to submit a claim against the Department for any adjustment to the contract unit price, should these items be increased, decreased or eliminated entirely. Appropriate sizes of these pieces of equipment will be agreed upon by the Engineer and the Contractor.

Equipment requirements are as follows

(1) BACKHOE/LOADER, ITEM 900011

The backhoe/loader may be either wheel-type or track-mounted, depending on site conditions and accessibility. The wheel-type unit shall include a one-cubic-yard front loader bucket and a backhoe dipper no wider than one yard, with available attachments such as trenching and grading buckets. Acceptable models include Case 780D, John Deere 710, Ford 755B, or approved equivalent. When work areas are not accessible to wheel-type machines, a track-mounted excavator may be used, equipped with a one-yard maximum width bucket and suitable attachments. Examples include Case 9010 and John Deere 490.

(2) PORTABLE AIR COMPRESSOR, ITEM 900013

The portable air compressor shall be a tow-behind unit capable of producing a minimum of 185 cubic feet per minute (CFM) at 100 psi. It shall include a minimum of 100 feet of air hose, pavement breakers, and any other air-powered tools necessary to perform the work. The equipment must be fully functional and maintained in good condition. Acceptable models include Ingersoll-Rand P185 WJD, Gardner-Denver 185, Leroi 185, or approved equal.

(3) DUMP TRUCK, ITEM 900015

The dump truck shall be a late-model, heavy-duty vehicle with a gross vehicle weight rating (GVWR) up to 60,000 pounds. It must be in good operating condition and suitable for hauling, dumping, and transporting various construction materials. The dump body must be equipped with a minimum of two gated tailgate openings to allow controlled material discharge. The truck shall comply with all applicable DDOT safety and operational standards.

(4) BOOM TRUCK, ITEM 900017

The boom truck shall be a truck-mounted hydraulic crane or lift capable of lifting and placing heavy materials and equipment in elevated or otherwise inaccessible locations. The truck must include a certified and qualified operator and shall comply with all OSHA and DDOT, safety requirements. The boom reach and lifting capacity shall be appropriate for the specific site conditions and tasks. The truck shall be a Sterling L9500 or approved equal.

(5) SWEEP TRUCK, ITEM 900019

The sweep truck shall be a self-propelled mechanical street sweeper, capable of removing dirt, dust, and debris from road surfaces, shoulders, and staging areas. The sweeper must be equipped with a functional water spray dust suppression system and all necessary safety lights and devices. The operator must be trained and experienced in operating the sweeper in active work zones. The truck shall be used prior to paving, striping, or during general cleanup operations, in accordance with DDOT requirements.

(6) SERVICE TRUCK/FLATBED TRUCK, ITEM 900021

The service truck or flatbed truck shall be used to transport equipment, materials, and tools necessary for the completion of work on the project. The truck must be of appropriate size and capacity, properly maintained, and equipped with safety tie-downs, racks, and other necessary features for securing and transporting loads.

(7) TRUCK MOUNTED ATTENUATOR - HOURLY RATE, ITEM 900023

The impact attenuator must be MASH compliant and mounted on an appropriate host vehicle. It can be used for mobile operations to protect workers and motorists in active work zones. The vehicle must include an operator and be in compliance with all safety requirements.

The intended use of this item is for when the CA and project team need to investigate something in a high-speed area and need to be protected from traffic, but no work is being done.

(8) SKID STEER LOADER, ITEM 900025

The skid steer loader shall be a compact machine, either rubber-tired or track-mounted, designed for excavation, grading, material handling, and similar tasks in confined or restricted areas. The machine shall include appropriate attachments, such as buckets or forks, and must be properly maintained and operated by a trained professional. The equipment shall be used where its compact size and versatility are beneficial to the project and shall only be used when directed by the CA. Acceptable models include Cat 246D, John Deere 330G, or approved equivalent.

(B) MEASUREMENT AND PAYMENT:

Measurement and payment for all equipment listed in this provision shall be made at the contract unit price per hour for each type of equipment authorized and used. The unit price shall include the equipment, operator, supervision, fuel, maintenance, and all incidental costs. No separate payment shall be made for transportation, mobilization, or downtime unless otherwise authorized in writing by the CO.

55. LABOR:

FOREMAN, ITEM 900113

SKILLED LABORER, ITEM 900115

UNSKILLED LABORER, ITEM 900117

(A) GENERAL:

As directed by the Engineer, these pay items shall be used for scheduled non-emergency work and non-scheduled emergency work, when payment for this work is not suitable under other pay items in the contract. Compensation for each laborer, carpenter and mason shall be paid at the contract unit price per hour for the actual hours and fractions of hours worked on the job. The contract unit price shall include full compensation for all work, transportation to and from the job, required supervision, and use of tools. Under no circumstances, shall the Contractor be compensated for travel time to and from the job. The Contractor's attention is directed to the fact that work under these pay items does not constitute force account work. Consequently, the Contractor shall not receive any compensation in the form of an added percentage for overhead and profit.

The quantities for these labor items may be increased or decreased without any adjustment to the contract unit price or the labor items may be deleted entirely from the contract by the Contracting Officer without negotiation. The Contractor shall not be allowed to submit a claim against the Department for any adjustment to the contract unit price, should the labor items be increased, decreased or eliminated entirely.

(1) FOREMAN, ITEM 900113

The Contractor shall provide a foreman to supervise the activities of all Contractor's personnel during the prosecution of work.

(2) SKILLED LABORER, ITEM 900115

The Contractor shall furnish a laborer to perform work during maintenance activities that require special skills or technical knowledge.

(3) UNSKILLED LABORER, ITEM 900117

The Contractor shall furnish a laborer to perform any work not requiring special skills or technical knowledge during the prosecution of work.

(B) MEASURE AND PAYMENT:

The contract unit price for these labor items shall be at the hourly rate for time spent on the project working. The contract price per hour for all these labor items shall include full payment for testing devices, tools, and incidental equipment necessary to properly carry out the work. Payment shall be based on bills submitted, covering all charges for labor, materials, and equipment according to the respective terms of the contract. The normal workday shall consist of

eight hours worked Monday through Saturday. All time which is outside these base hours shall be compensated as overtime. If, under the direction of the CA, the Contractor must remain after the hours mentioned above, such time shall be considered overtime. If the Contractor reports as directed by the CA, to the job site and completes his work outside of the normal base hours, he shall be compensated at a rate of 1.5 times the bid price of the respective items for those hours outside the base.

56. MISCELLANEOUS MATERIALS (NON-BID ITEM), ITEM 000099

GENERAL:

Work under this item consists of the Contractor furnishing as directed by the Engineer, these materials or parts shall be used for scheduled non-emergency work or non-scheduled emergency work, when payment for these materials or parts are not suitable under other pay items in the contract. This is a non-bid item.

These materials or parts will be provided as follows:

The Department reserves the right to provide any required materials or parts for which there is no pay item.

In the event that materials or parts are not provided by the Department, the Contractor will be paid its actual cost plus 15 percent for materials or parts supplied by contractor and incorporated into the work. The Contractor shall submit copies of paid invoices or bills indicating prices paid to suppliers for materials or parts actually used in this contract. Payment will be made through the materials allowance established for this contract. However, no materials or parts shall be ordered until approved by the Engineer and competitive prices may be required if directed by the Engineer.

CONSTRUCTION:

Parts shall be installed on existing units by experienced workers using procedures recommended by the manufacturer. The Contractor shall work with the manufacturer's representative to ensure that replacement parts are installed correctly and that the repaired unit will function properly as designed.

MEASURE AND PAYMENT:

The Contractor will be paid his actual cost-plus 10 percent for materials or parts supplied by him/her and incorporated into the work. The Contractor shall submit copies of paid invoices or bills indicating prices paid to suppliers for materials or parts used. Payment will be made through the materials allowance established for this contract. However, no materials or parts shall be ordered until approved by the CA. Competitive prices may be required if directed by the CA.

57. APPENDIX A - DRAWINGS

Drawing 1 – Metal Railing Detail: <https://drive.google.com/file/d/1fWv4pkJD-HYbREkpAQ07aox4orEodfkX/view?usp=sharing>

J.13 PRICE SCHEDULE



<p>District Department of Transportation Proposal</p>
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Proposal ID : KA20260078

Projects : KA20260078-1, KA20260078-2, KA20260078-3,
KA20260078-4, KA20260078-5

Districts : Citywide, Ward0007 and Ward0008

Wards : CITYWIDE



Proposal ID : KA20260078

FY-2026 REPAIR AND UPGRADE GUARDRAIL & ATTENUATOR

Time ID	Completion Date or Number of Units	Min/Max	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	1825	/	Days	CD		√

(*) - Indicates Cost Plus Time Site. See Schedule of Items for Cost Per Unit

Bidders must enter all unit prices, make all extensions, and total the bid.



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0005	000003 Employee Training	80.000 HR	_____	_____	_____	_____
0010	000505 Unassigned Special Item -DAYS - 108001 Mobilization	130.000 DAYS	_____	_____	_____	_____
0015	000506 Unassigned Special Item -EACH - 108003 Emergency Mobilization	3.000 EACH	_____	_____	_____	_____
0020	000511 Unassigned Special Item -LS - 000099 Miscellaneous Materials (Non-Bid Item)	LUMP SUM	LUMP SUM		96,000.00	
0025	202002 Common Excavation	10.000 CY	_____	_____	_____	_____
0030	205010 Structure Hard Surface Excavation	10.000 CY	_____	_____	_____	_____
0035	209991 Aggregate Base Course Special Item - CY- 209003 Aggregate Base Course	5.000 CY	_____	_____	_____	_____
0040	603002 Type I: W-Beam (Standard Block-Out) Type I: W-Beam guardrail (w-beam rail, block & post)	300.000 LF	_____	_____	_____	_____
0045	603016 SBT: Steel-Backed Timber Guardrail/Posts	100.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0050	603026 Guiderail Exit Terminal 603026 F&I Guardrail Complete Exit Terminal, SHA Type K	15.000 EACH	_____	_____	_____	_____
0055	603038 Rub Rail	10.000 LF	_____	_____	_____	_____
0060	603042 Remove Guiderail Buried Terminal	4.000 EACH	_____	_____	_____	_____
0065	603044 Remove W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
0070	603046 Reset W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
0075	603048 Extra Guiderail Components	5,000.000 LBS	_____	_____	_____	_____
0080	603991 Steel Guiderails Special Item - EACH 603021 Remove/Reset Timber Post (any depth)	1.000 EACH	_____	_____	_____	_____
0085	603991 Steel Guiderails Special Item - EACH 603029 Type K Buffer End Section	1.000 EACH	_____	_____	_____	_____
0090	603991 Steel Guiderails Special Item - EACH 603031 Type K Soil Tube	1.000 EACH	_____	_____	_____	_____
0095	603991 Steel Guiderails Special Item - EACH 603033 Type K Anchor Rail	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0100	603991 Steel Guiderails Special Item - EACH 603035 Type K Wood Post	1.000 EACH	_____	_____	_____	_____
0105	603991 Steel Guiderails Special Item - EACH 603037 Type K Cable Assembly	1.000 EACH	_____	_____	_____	_____
0110	603991 Steel Guiderails Special Item - EACH 603039 Type K Anchor Bracket	1.000 EACH	_____	_____	_____	_____
0115	603991 Steel Guiderails Special Item - EACH 603041 Type K Strut	1.000 EACH	_____	_____	_____	_____
0120	603991 Steel Guiderails Special Item - EACH 603051 F&I Guardrail Complete Exit terminal SHA Type K Brown Color	1.000 EACH	_____	_____	_____	_____
0125	603991 Steel Guiderails Special Item - EACH 603055 Type K Buffer End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
0130	603991 Steel Guiderails Special Item - EACH 603057 Type K Soil Tube, Brown Color	1.000 EACH	_____	_____	_____	_____
0135	603991 Steel Guiderails Special Item - EACH 603059 Type K Anchor Rail, Brown Color	1.000 EACH	_____	_____	_____	_____
0140	603991 Steel Guiderails Special Item - EACH 603061 Type K Cable Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0145	603991 Steel Guiderails Special Item - EACH 603063 Type K Anchor Bracket, Brown Color	1.000 EACH	_____	_____	_____	_____
0150	603991 Steel Guiderails Special Item - EACH 603065 Type K Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
0155	603991 Steel Guiderails Special Item - EACH 603093 F&I SHA Type A Complete End Terminal	1.000 EACH	_____	_____	_____	_____
0160	603991 Steel Guiderails Special Item - EACH 603097 4 Inch Guardrail Height Transition	6.000 EACH	_____	_____	_____	_____
0165	603991 Steel Guiderails Special Item - EACH 603099 W-Beam Post (6 FT length)	20.000 EACH	_____	_____	_____	_____
0170	603991 Steel Guiderails Special Item - EACH 603101 W-Beam Post (8 FT length)	5.000 EACH	_____	_____	_____	_____
0175	603991 Steel Guiderails Special Item - EACH 603103 W-Beam Post (6 FT) Brown Color	5.000 EACH	_____	_____	_____	_____
0180	603991 Steel Guiderails Special Item - EACH 603105 W-Beam Post (8 FT) Brown Color	5.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0185	603991 Steel Guiderails Special Item - EACH 603107 W-Beam Post (6 FT) Weathering Steel	10.000 EACH	_____	_____	_____	_____
0190	603991 Steel Guiderails Special Item - EACH 603109 W-Beam Post (8 FT) Weathering Steel	5.000 EACH	_____	_____	_____	_____
0195	603991 Steel Guiderails Special Item - EACH 603111 W-Beam rail system - Block (any type) 6"x8"x14"	20.000 EACH	_____	_____	_____	_____
0200	603991 Steel Guiderails Special Item - EACH 603113 Thrie-Beam rail system - Block (any type) 6"x8"x22"	5.000 EACH	_____	_____	_____	_____
0205	603991 Steel Guiderails Special Item - EACH 603121 MSKT SP Complete End Terminal	8.000 EACH	_____	_____	_____	_____
0210	603991 Steel Guiderails Special Item - EACH 603123 MSKT SP Impact Head	1.000 EACH	_____	_____	_____	_____
0215	603991 Steel Guiderails Special Item - EACH 603125 MSKT SP 12 Gauge Anchor Rail, End Section	1.000 EACH	_____	_____	_____	_____
0220	603991 Steel Guiderails Special Item - EACH 603127 MSKT SP First Top Post	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 6 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0225	603991 Steel Guiderails Special Item - EACH 603129 MSKT SP First Bottom Post	1.000 EACH	_____	_____	_____	_____
0230	603991 Steel Guiderails Special Item - EACH 603131 MSKT SP Second Top Post	1.000 EACH	_____	_____	_____	_____
0235	603991 Steel Guiderails Special Item - EACH 603133 MSKT SP Second Bottom Post	1.000 EACH	_____	_____	_____	_____
0240	603991 Steel Guiderails Special Item - EACH 603135 MSKT SP Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
0245	603991 Steel Guiderails Special Item - EACH 603137 MSKT SP Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
0250	603991 Steel Guiderails Special Item - EACH 603139 MSKT SP Strut	1.000 EACH	_____	_____	_____	_____
0255	603991 Steel Guiderails Special Item - EACH 603141 MSKT SP W-Beam MGS Rail Section (9' 4.5")	1.000 EACH	_____	_____	_____	_____
0260	603991 Steel Guiderails Special Item - EACH 603151 M Fleate Complete End Terminal	6.000 EACH	_____	_____	_____	_____
0265	603991 Steel Guiderails Special Item - EACH 603153 M Fleat Impact Head	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0270	603991 Steel Guiderails Special Item - EACH 603155 M Fleet Anchor rail, 12' 6"	1.000 EACH	_____	_____	_____	_____
0275	603991 Steel Guiderails Special Item - EACH 603157 M Fleet Second Rail, 10' 5"	1.000 EACH	_____	_____	_____	_____
0280	603991 Steel Guiderails Special Item - EACH 603159 M Fleet Third Rail, 13' 6 1/2"	1.000 EACH	_____	_____	_____	_____
0285	603991 Steel Guiderails Special Item - EACH 603161 M Fleet First Top Post	1.000 EACH	_____	_____	_____	_____
0290	603991 Steel Guiderails Special Item - EACH 603163 M Fleet First Bottom Post	1.000 EACH	_____	_____	_____	_____
0295	603991 Steel Guiderails Special Item - EACH 603165 M Fleet Hinge Second/Third Top Post	1.000 EACH	_____	_____	_____	_____
0300	603991 Steel Guiderails Special Item - EACH 603167 M Fleet Hinge Second/ Third Bottom Post	1.000 EACH	_____	_____	_____	_____
0305	603991 Steel Guiderails Special Item - EACH 603169 M Fleet Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
0310	603991 Steel Guiderails Special Item - EACH 603171 M Fleet Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0315	603991 Steel Guiderails Special Item - EACH 603173 M Fleet Ground Strut	1.000 EACH	_____	_____	_____	_____
0320	603991 Steel Guiderails Special Item - EACH 603183 MSKT SP Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
0325	603991 Steel Guiderails Special Item - EACH 603185 MSKT SP Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
0330	603991 Steel Guiderails Special Item - EACH 603187 MSKT SP 12 Gauge Anchor rail End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
0335	603991 Steel Guiderails Special Item - EACH 603189 MSKT SP First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0340	603991 Steel Guiderails Special Item - EACH 603191 MSKT SP First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0345	603991 Steel Guiderails Special Item - EACH 603193 MSKT SP Second Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0350	603991 Steel Guiderails Special Item - EACH 603195 MSKT SP Second Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0355	603991 Steel Guiderails Special Item - EACH 603197 MSKT SP Cable Anchor Box, Brown Color	1.000 EACH	_____.	_____	_____.	_____
0360	603991 Steel Guiderails Special Item - EACH 603199 MSKT SP Cable Anchor Assembly, Brown Color	1.000 EACH	_____.	_____	_____.	_____
0365	603991 Steel Guiderails Special Item - EACH 603201 MSKT SP Strut, Brown Color	1.000 EACH	_____.	_____	_____.	_____
0370	603991 Steel Guiderails Special Item - EACH 603203 MSKT SP W-beam MGS Rail Section (9'4.5"), Brown Color	1.000 EACH	_____.	_____	_____.	_____
0375	603991 Steel Guiderails Special Item - EACH 603213 M Fleet Brown Color Complete End Terminal	6.000 EACH	_____.	_____	_____.	_____
0380	603991 Steel Guiderails Special Item - EACH 603215 M Fleet Impact Head, Brown Color	1.000 EACH	_____.	_____	_____.	_____
0385	603991 Steel Guiderails Special Item - EACH 603217 M Fleet Anchor Rail, 12' 6", Brown Color	1.000 EACH	_____.	_____	_____.	_____
0390	603991 Steel Guiderails Special Item - EACH 603219 M Fleet Second Rail, 10' 5", Brown Color	1.000 EACH	_____.	_____	_____.	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0395	603991 Steel Guiderails Special Item - EACH 603221 M Fleet Third Rail, 13' 6.5", Brown Color	1.000 EACH	_____	_____	_____	_____
0400	603991 Steel Guiderails Special Item - EACH 603223 M Fleet First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0405	603991 Steel Guiderails Special Item - EACH 603225 M Fleet First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0410	603991 Steel Guiderails Special Item - EACH 603227 M Fleet Hinge Second/Third Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0415	603991 Steel Guiderails Special Item - EACH 603229 M Fleet Hinge Second/ Third Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
0420	603991 Steel Guiderails Special Item - EACH 603231 M Fleet Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
0425	603991 Steel Guiderails Special Item - EACH 603233 M Fleet Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 11 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0430	603991 Steel Guiderails Special Item - EACH 603235 M Fleet Ground Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
0435	603991 Steel Guiderails Special Item - EACH 603247 Anchorage at Str., Bridge or Conc. Barrier (any type guardrail)	1.000 EACH	_____	_____	_____	_____
0440	603991 Steel Guiderails Special Item - EACH 603251 F&I SHA Type L Complete End Terminal	1.000 EACH	_____	_____	_____	_____
0445	603991 Steel Guiderails Special Item - EACH 603253 Anchor Rail	1.000 EACH	_____	_____	_____	_____
0450	603991 Steel Guiderails Special Item - EACH 603255 Timber Post	1.000 EACH	_____	_____	_____	_____
0455	603991 Steel Guiderails Special Item - EACH 603257 Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
0460	603991 Steel Guiderails Special Item - EACH 603267 W-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____
0465	603991 Steel Guiderails Special Item - EACH 603269 Thrie-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 12 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0470	603991 Steel Guiderails Special Item - EACH 603271 W-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
0475	603991 Steel Guiderails Special Item - EACH 603273 Thrie-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
0480	603991 Steel Guiderails Special Item - EACH 603275 W-Beam Approach Transition, Brown Color	1.000 EACH	_____	_____	_____	_____
0485	603991 Steel Guiderails Special Item - EACH 603277 Thrie-Beam Approach Transition, , Brown Color	1.000 EACH	_____	_____	_____	_____
0490	603995 Steel Guiderails Special Item - LF - 603019 Remove/Reset Timber Guardrail	100.000 LF	_____	_____	_____	_____
0495	603995 Steel Guiderails Special Item - LF - 603071 W-Beam Guardrail (rail only)	2,000.000 LF	_____	_____	_____	_____
0500	603995 Steel Guiderails Special Item - LF - 603073 Double W-Beam Guardrail (rail only)	100.000 LF	_____	_____	_____	_____
0505	603995 Steel Guiderails Special Item - LF - 603075 W-Beam Post with Bolted Base (any length)	200.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 13 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0510	603995 Steel Guiderails Special Item - LF - 603077 Thrie-Beam Guardrail (rail only)	50.000 LF	_____	_____	_____	_____
0515	603995 Steel Guiderails Special Item - LF - 603079 W-Beam Guardrail Weathering Steel (rail only)	125.000 LF	_____	_____	_____	_____
0520	603995 Steel Guiderails Special Item - LF - 603081 Double W-Beam Guardrail Weathering Steel (rail only)	50.000 LF	_____	_____	_____	_____
0525	603995 Steel Guiderails Special Item - LF - 603083 W-Beam Guardrail (rail only) Brown Color	300.000 LF	_____	_____	_____	_____
0530	603995 Steel Guiderails Special Item - LF - 603085 Double W-Beam Guardrail (rail only) Brown Color	200.000 LF	_____	_____	_____	_____
0535	604040 Reset Chain Link Fence	10.000 LF	_____	_____	_____	_____
0540	604991 Miscellaneous Fencing Special Item - LF - 604007 F&I Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
0545	604991 Miscellaneous Fencing Special Item - LF - 604009 Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 14 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0550	604991 Miscellaneous Fencing Special Item - LF - 604011 F&I Ornamental Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
0555	604991 Miscellaneous Fencing Special Item - LF - 604013 Ornamental Fence 6-8 FT Ht	10.000 LF	_____	_____	_____	_____
0560	604991 Miscellaneous Fencing Special Item - LF - 604019 Reset Ornamental Fence	10.000 LF	_____	_____	_____	_____
0565	604991 Miscellaneous Fencing Special Item - LF - 604023 F&I Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
0570	604991 Miscellaneous Fencing Special Item - LF - 604025 Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
0575	604991 Miscellaneous Fencing Special Item - LF - 604027 F&I Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
0580	604991 Miscellaneous Fencing Special Item - LF - 604029 Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
0585	610002 PCC Median Barrier	5.000 LF	_____	_____	_____	_____
0590	610012 Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 15 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0595	610012 Portable Precast PCC Barrier 610019 R/R Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
0600	610012 Portable Precast PCC Barrier 610021 Remove Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
0605	610991 PCC Traffic Barriers Special Item - CY - 610011 R/R PCC Median Barrier (0 CY less than or equal to 5 CY)	1.000 CY	_____	_____	_____	_____
0610	610991 PCC Traffic Barriers Special Item - CY - 610013 R/R PCC Median Barrier (greater than 5 CY less than or equal to 10 CY)	1.000 CY	_____	_____	_____	_____
0615	610991 PCC Traffic Barriers Special Item - CY - 610015 R/R PCC Median Barrier (greater than 10 CY)	1.000 CY	_____	_____	_____	_____
0620	612002 Maintenance of Highway Traffic	LUMP SUM	LUMP SUM		_____	_____
0625	612028 Type III PVC Barricade	5.000 EACH	_____	_____	_____	_____
0630	616993 Traffic Signing Special Item - SF - 616009 F&I Impact Attenuator Nose Warning Sign	400.000 SF	_____	_____	_____	_____



Proposal Schedule of Items

Page 16 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0635	616995 Traffic Signing Special Item - EACH - 616013 F&I Impact Attenuator ID Marker	10.000 EACH	_____	_____	_____	_____
0640	616995 Traffic Signing Special Item - EACH - 616017 F&I Flexible Delineator Post 28" high	10.000 EACH	_____	_____	_____	_____
0645	617008 Sand-Filled Module Impact Attenuator	112.500 EACH	_____	_____	_____	_____
0650	617991 Impact Attenuator Special Item - EACH - 617039 F&I 5-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
0655	617991 Impact Attenuator Special Item - EACH - 617043 F&I 6-Bay Quad Guard M10 Impact Attenuator (30")	1.000 EACH	_____	_____	_____	_____
0660	617991 Impact Attenuator Special Item - EACH - 617013 Reset Sand-filled Module Impact Attenuator	60.000 EACH	_____	_____	_____	_____
0665	617991 Impact Attenuator Special Item - EACH - 617015 F&I Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____
0670	617991 Impact Attenuator Special Item - EACH - 617017 Install Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0675	617991 Impact Attenuator Special Item - EACH - 617021 F&I Temporary Impact Attenuator MASH, Sentry Longitudinal Energy Dissipat	1.000 EACH	_____	_____	_____	_____
0680	617991 Impact Attenuator Special Item - EACH - 617023 Containment Impact Sled with empty module	1.000 EACH	_____	_____	_____	_____
0685	617991 Impact Attenuator Special Item - EACH - 617025 Module-Water Filled	1.000 EACH	_____	_____	_____	_____
0690	617991 Impact Attenuator Special Item - EACH - 617031 F&I 1-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
0695	617991 Impact Attenuator Special Item - EACH - 617033 F&I 2-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
0700	617991 Impact Attenuator Special Item - EACH - 617035 F&I 3-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
0705	617991 Impact Attenuator Special Item - EACH - 617037 F&I 4-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 18 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0710	617991 Impact Attenuator Special Item - EACH - 617041 F&I 6-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
0715	617991 Impact Attenuator Special Item - EACH - 617045 F&I 6-Bay Quad Guard M10 Impact Attenuator (36")	1.000 EACH	_____	_____	_____	_____
0720	617991 Impact Attenuator Special Item - EACH - 617047 F&I 6-Bay Quad Guard M10 Impact Attenuator (69")	1.000 EACH	_____	_____	_____	_____
0725	617991 Impact Attenuator Special Item - EACH - 617049 F&I 6-Bay Quad Guard M10 Impact Attenuator (90")	1.000 EACH	_____	_____	_____	_____
0730	617991 Impact Attenuator Special Item - EACH - 617051 F&I 8 Bay Quad Guard M10 Impact Attenuator (24" wide)	1.000 EACH	_____	_____	_____	_____
0735	617991 Impact Attenuator Special Item - EACH - 617053 F&I 8 Bay Quad Guard M10 Impact Attenuator (30" wide)	1.000 EACH	_____	_____	_____	_____
0740	617991 Impact Attenuator Special Item - EACH - 617055 F&I 8 Bay Quad Guard M10 Impact Attenuator (36" wide)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 19 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0745	617991 Impact Attenuator Special Item - EACH - 617057 F&I 8 Bay Quad Guard Elite M10 Attenuator (24" TO 36" wide)	1.000 EACH	_____	_____	_____	_____
0750	617991 Impact Attenuator Special Item - EACH - 617081 Quad Guard Fender Panel	20.000 EACH	_____	_____	_____	_____
0755	617991 Impact Attenuator Special Item - EACH - 617083 Quad Guard Nose Assembly	40.000 EACH	_____	_____	_____	_____
0760	617991 Impact Attenuator Special Item - EACH - 617085 Quad Guard Diaphragm	15.000 EACH	_____	_____	_____	_____
0765	617991 Impact Attenuator Special Item - EACH - 617087 Quad Guard Cartridge	190.000 EACH	_____	_____	_____	_____
0770	617991 Impact Attenuator Special Item - EACH - 617097 Quad Guard Elite Nose Assembly	10.000 EACH	_____	_____	_____	_____
0775	617991 Impact Attenuator Special Item - EACH - 617099 Quad Guard Elite Diaphragm	10.000 EACH	_____	_____	_____	_____
0780	617991 Impact Attenuator Special Item - EACH - 617101 Quad Guard Elite Fender Panel	10.000 EACH	_____	_____	_____	_____
0785	617991 Impact Attenuator Special Item - EACH - 617103 Quad Guard Elite Nose Cylinder 28"x30" HDPE	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 20 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0790	617991 Impact Attenuator Special Item - EACH - 617105 Quad Guard Elite ME1 Cylinder	10.000 EACH	_____	_____	_____	_____
0795	617991 Impact Attenuator Special Item - EACH - 617107 Quad Guard Elite ME2 Cylinder	5.000 EACH	_____	_____	_____	_____
0800	617991 Impact Attenuator Special Item - EACH - 617109 Quad Guard Elite ME3 Cylinder	5.000 EACH	_____	_____	_____	_____
0805	617991 Impact Attenuator Special Item - EACH - 617143 Tau II Nose Assembly	20.000 EACH	_____	_____	_____	_____
0810	617991 Impact Attenuator Special Item - EACH - 617145 Tau II Front Support Leg Kit	20.000 EACH	_____	_____	_____	_____
0815	617991 Impact Attenuator Special Item - EACH - 617149 Tau II Front Support Assembly	20.000 EACH	_____	_____	_____	_____
0820	617991 Impact Attenuator Special Item - EACH - 617151 Tau II Middle Support Assembly	10.000 EACH	_____	_____	_____	_____
0825	617991 Impact Attenuator Special Item - EACH - 617153 Tau II Sliding Panel	10.000 EACH	_____	_____	_____	_____
0830	617991 Impact Attenuator Special Item - EACH - 617155 Tau II Cartridge	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 21 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0835	617991 Impact Attenuator Special Item - EACH - 617167 SMART Cushion Impact Attenuator Nose Assembly	10.000 EACH	_____	_____	_____	_____
0840	617991 Impact Attenuator Special Item - EACH - 617169 SMART Cushion Impact Attenuator Fender Panel	5.000 EACH	_____	_____	_____	_____
0845	617991 Impact Attenuator Special Item - EACH - 617171 SMART Cushion Impact Attenuator Diaphragm	5.000 EACH	_____	_____	_____	_____
0850	617991 Impact Attenuator Special Item - EACH - 617173 Repair SMART Cushion Impact Attenuator	5.000 EACH	_____	_____	_____	_____
0855	617993 Impact Attenuator Special Item - EACH - 617125 Quad Guard Monorail (3-Bay)	1.000 EACH	_____	_____	_____	_____
0860	617993 Impact Attenuator Special Item - EACH - 617127 Quad Guard Monorail (4-Bay)	1.000 EACH	_____	_____	_____	_____
0865	617993 Impact Attenuator Special Item - EACH - 617129 Quad Guard Monorail (5-Bay)	1.000 EACH	_____	_____	_____	_____
0870	617993 Impact Attenuator Special Item - EACH - 617131 Quad Guard Monorail (6-Bay)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 22 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0875	617993 Impact Attenuator Special Item - EACH - 617133 Quad Guard Monorail (8-Bay)	1.000 EACH	_____	_____	_____	_____
0880	703991 Concrete for Structures Special Item - CY - 703011 PCC Impact Attenuator Platform/Backup	1.000 CY	_____	_____	_____	_____
0885	703991 Concrete for Structures Special Item - CY - 703019 R/R Platform/Backup PCC	1.000 CY	_____	_____	_____	_____
0890	704002 Reinforcing Steel	80.000 LBS	_____	_____	_____	_____
0895	704004 Epoxy Coated Reinforcement Bars	80.000 LBS	_____	_____	_____	_____
0900	709991 Railing Special Item - LF - 709005 Any Type of Railing	10.000 LF	_____	_____	_____	_____
0905	900001 Equipment Special Item - HR - 900013 Portable Air Compressor	20.000 HR	_____	_____	_____	_____
0910	900001 Equipment Special Item - HR - 900011 Backhoe/Loader	20.000 HR	_____	_____	_____	_____
0915	900001 Equipment Special Item - HR - 900015 Dump Truck	20.000 HR	_____	_____	_____	_____



Proposal Schedule of Items

Page 23 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0001 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 1

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0920	900001 Equipment Special Item - HR - 900017 Boom Truck	20.000 HR	_____	_____	_____	_____
0925	900001 Equipment Special Item - HR - 900019 Sweep Truck	20.000 HR	_____	_____	_____	_____
0930	900001 Equipment Special Item - HR - 900021 Service Truck/Flatbed Truck	20.000 HR	_____	_____	_____	_____
0935	900001 Equipment Special Item - HR - 900023 Truck Mounted Attenuator - Hourly Rate	20.000 HR	_____	_____	_____	_____
0940	900001 Equipment Special Item - HR - 900025 Skid Steer Loader	20.000 HR	_____	_____	_____	_____
0945	900009 Labor Special Item - HR - 900113 Foreman	20.000 HR	_____	_____	_____	_____
0950	900009 Labor Special Item - HR - 900115 Skilled Laborer	20.000 HR	_____	_____	_____	_____
0955	900009 Labor Special Item - HR - 900117 Unskilled Laborer	20.000 HR	_____	_____	_____	_____
Section: 0001			Total:		_____	_____



Proposal Schedule of Items

Page 24 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0960	000003 Employee Training	80.000 HR	_____	_____	_____	_____
0965	000505 Unassigned Special Item -DAYS - 108001 Mobilization	130.000 DAYS	_____	_____	_____	_____
0970	000506 Unassigned Special Item -EACH - 108003 Emergency Mobilization	3.000 EACH	_____	_____	_____	_____
0975	000511 Unassigned Special Item -LS - 000099 Miscellaneous Materials (Non-Bid Item)	LUMP SUM	LUMP SUM		96,000.00	
0980	202002 Common Excavation	10.000 CY	_____	_____	_____	_____
0985	205010 Structure Hard Surface Excavation	10.000 CY	_____	_____	_____	_____
0990	209991 Aggregate Base Course Special Item - CY- 209003 Aggregate Base Course	5.000 CY	_____	_____	_____	_____
0995	603002 Type I: W-Beam (Standard Block-Out) Type I: W-Beam guardrail (w-beam rail, block & post)	300.000 LF	_____	_____	_____	_____
1000	603016 SBT: Steel-Backed Timber Guardrail/Posts	100.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 25 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1005	603026 Guiderail Exit Terminal 603026 F&I Guardrail Complete Exit Terminal, SHA Type K	15.000 EACH	_____	_____	_____	_____
1010	603038 Rub Rail	10.000 LF	_____	_____	_____	_____
1015	603042 Remove Guiderail Buried Terminal	4.000 EACH	_____	_____	_____	_____
1020	603044 Remove W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
1025	603046 Reset W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
1030	603048 Extra Guiderail Components	5,000.000 LBS	_____	_____	_____	_____
1035	603991 Steel Guiderails Special Item - EACH 603021 Remove/Reset Timber Post (any depth)	1.000 EACH	_____	_____	_____	_____
1040	603991 Steel Guiderails Special Item - EACH 603029 Type K Buffer End Section	1.000 EACH	_____	_____	_____	_____
1045	603991 Steel Guiderails Special Item - EACH 603031 Type K Soil Tube	1.000 EACH	_____	_____	_____	_____
1050	603991 Steel Guiderails Special Item - EACH 603033 Type K Anchor Rail	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 26 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1055	603991 Steel Guiderails Special Item - EACH 603035 Type K Wood Post	1.000 EACH	_____	_____	_____	_____
1060	603991 Steel Guiderails Special Item - EACH 603037 Type K Cable Assembly	1.000 EACH	_____	_____	_____	_____
1065	603991 Steel Guiderails Special Item - EACH 603039 Type K Anchor Bracket	1.000 EACH	_____	_____	_____	_____
1070	603991 Steel Guiderails Special Item - EACH 603041 Type K Strut	1.000 EACH	_____	_____	_____	_____
1075	603991 Steel Guiderails Special Item - EACH 603051 F&I Guardrail Complete Exit terminal SHA Type K Brown Color	1.000 EACH	_____	_____	_____	_____
1080	603991 Steel Guiderails Special Item - EACH 603055 Type K Buffer End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
1085	603991 Steel Guiderails Special Item - EACH 603057 Type K Soil Tube, Brown Color	1.000 EACH	_____	_____	_____	_____
1090	603991 Steel Guiderails Special Item - EACH 603059 Type K Anchor Rail, Brown Color	1.000 EACH	_____	_____	_____	_____
1095	603991 Steel Guiderails Special Item - EACH 603061 Type K Cable Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 27 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1100	603991 Steel Guiderails Special Item - EACH 603063 Type K Anchor Bracket, Brown Color	1.000 EACH	_____	_____	_____	_____
1105	603991 Steel Guiderails Special Item - EACH 603065 Type K Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
1110	603991 Steel Guiderails Special Item - EACH 603093 F&I SHA Type A Complete End Terminal	1.000 EACH	_____	_____	_____	_____
1115	603991 Steel Guiderails Special Item - EACH 603097 4 Inch Guardrail Height Transition	6.000 EACH	_____	_____	_____	_____
1120	603991 Steel Guiderails Special Item - EACH 603099 W-Beam Post (6 FT length)	20.000 EACH	_____	_____	_____	_____
1125	603991 Steel Guiderails Special Item - EACH 603101 W-Beam Post (8 FT length)	5.000 EACH	_____	_____	_____	_____
1130	603991 Steel Guiderails Special Item - EACH 603103 W-Beam Post (6 FT) Brown Color	5.000 EACH	_____	_____	_____	_____
1135	603991 Steel Guiderails Special Item - EACH 603105 W-Beam Post (8 FT) Brown Color	5.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 28 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1140	603991 Steel Guiderails Special Item - EACH 603107 W-Beam Post (6 FT) Weathering Steel	10.000 EACH	_____	_____	_____	_____
1145	603991 Steel Guiderails Special Item - EACH 603109 W-Beam Post (8 FT) Weathering Steel	5.000 EACH	_____	_____	_____	_____
1150	603991 Steel Guiderails Special Item - EACH 603111 W-Beam rail system - Block (any type) 6"x8"x14"	20.000 EACH	_____	_____	_____	_____
1155	603991 Steel Guiderails Special Item - EACH 603113 Thrie-Beam rail system - Block (any type) 6"x8"x22"	5.000 EACH	_____	_____	_____	_____
1160	603991 Steel Guiderails Special Item - EACH 603121 MSKT SP Complete End Terminal	8.000 EACH	_____	_____	_____	_____
1165	603991 Steel Guiderails Special Item - EACH 603123 MSKT SP Impact Head	1.000 EACH	_____	_____	_____	_____
1170	603991 Steel Guiderails Special Item - EACH 603125 MSKT SP 12 Gauge Anchor Rail, End Section	1.000 EACH	_____	_____	_____	_____
1175	603991 Steel Guiderails Special Item - EACH 603127 MSKT SP First Top Post	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 29 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1180	603991 Steel Guiderails Special Item - EACH 603129 MSKT SP First Bottom Post	1.000 EACH	_____	_____	_____	_____
1185	603991 Steel Guiderails Special Item - EACH 603131 MSKT SP Second Top Post	1.000 EACH	_____	_____	_____	_____
1190	603991 Steel Guiderails Special Item - EACH 603133 MSKT SP Second Bottom Post	1.000 EACH	_____	_____	_____	_____
1195	603991 Steel Guiderails Special Item - EACH 603135 MSKT SP Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
1200	603991 Steel Guiderails Special Item - EACH 603137 MSKT SP Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
1205	603991 Steel Guiderails Special Item - EACH 603139 MSKT SP Strut	1.000 EACH	_____	_____	_____	_____
1210	603991 Steel Guiderails Special Item - EACH 603141 MSKT SP W-Beam MGS Rail Section (9' 4.5")	1.000 EACH	_____	_____	_____	_____
1215	603991 Steel Guiderails Special Item - EACH 603151 M Fleate Complete End Terminal	6.000 EACH	_____	_____	_____	_____
1220	603991 Steel Guiderails Special Item - EACH 603153 M Fleat Impact Head	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 30 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1225	603991 Steel Guiderails Special Item - EACH 603155 M Fleet Anchor rail, 12' 6"	1.000 EACH	_____	_____	_____	_____
1230	603991 Steel Guiderails Special Item - EACH 603157 M Fleet Second Rail, 10' 5"	1.000 EACH	_____	_____	_____	_____
1235	603991 Steel Guiderails Special Item - EACH 603159 M Fleet Third Rail, 13' 6 1/2"	1.000 EACH	_____	_____	_____	_____
1240	603991 Steel Guiderails Special Item - EACH 603161 M Fleet First Top Post	1.000 EACH	_____	_____	_____	_____
1245	603991 Steel Guiderails Special Item - EACH 603163 M Fleet First Bottom Post	1.000 EACH	_____	_____	_____	_____
1250	603991 Steel Guiderails Special Item - EACH 603165 M Fleet Hinge Second/Third Top Post	1.000 EACH	_____	_____	_____	_____
1255	603991 Steel Guiderails Special Item - EACH 603167 M Fleet Hinge Second/ Third Bottom Post	1.000 EACH	_____	_____	_____	_____
1260	603991 Steel Guiderails Special Item - EACH 603169 M Fleet Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
1265	603991 Steel Guiderails Special Item - EACH 603171 M Fleet Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 31 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1270	603991 Steel Guiderails Special Item - EACH 603173 M Fleet Ground Strut	1.000 EACH	_____	_____	_____	_____
1275	603991 Steel Guiderails Special Item - EACH 603183 MSKT SP Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
1280	603991 Steel Guiderails Special Item - EACH 603185 MSKT SP Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
1285	603991 Steel Guiderails Special Item - EACH 603187 MSKT SP 12 Gauge Anchor rail End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
1290	603991 Steel Guiderails Special Item - EACH 603189 MSKT SP First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1295	603991 Steel Guiderails Special Item - EACH 603191 MSKT SP First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1300	603991 Steel Guiderails Special Item - EACH 603193 MSKT SP Second Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1305	603991 Steel Guiderails Special Item - EACH 603195 MSKT SP Second Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 32 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1310	603991 Steel Guiderails Special Item - EACH 603197 MSKT SP Cable Anchor Box, Brown Color	1.000 EACH	_____.	_____	_____.	_____
1315	603991 Steel Guiderails Special Item - EACH 603199 MSKT SP Cable Anchor Assembly, Brown Color	1.000 EACH	_____.	_____	_____.	_____
1320	603991 Steel Guiderails Special Item - EACH 603201 MSKT SP Strut, Brown Color	1.000 EACH	_____.	_____	_____.	_____
1325	603991 Steel Guiderails Special Item - EACH 603203 MSKT SP W-beam MGS Rail Section (9'4.5"), Brown Color	1.000 EACH	_____.	_____	_____.	_____
1330	603991 Steel Guiderails Special Item - EACH 603213 M Fleet Brown Color Complete End Terminal	6.000 EACH	_____.	_____	_____.	_____
1335	603991 Steel Guiderails Special Item - EACH 603215 M Fleet Impact Head, Brown Color	1.000 EACH	_____.	_____	_____.	_____
1340	603991 Steel Guiderails Special Item - EACH 603217 M Fleet Anchor Rail, 12' 6", Brown Color	1.000 EACH	_____.	_____	_____.	_____
1345	603991 Steel Guiderails Special Item - EACH 603219 M Fleet Second Rail, 10' 5", Brown Color	1.000 EACH	_____.	_____	_____.	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1350	603991 Steel Guiderails Special Item - EACH 603221 M Fleet Third Rail, 13' 6.5", Brown Color	1.000 EACH	_____	_____	_____	_____
1355	603991 Steel Guiderails Special Item - EACH 603223 M Fleet First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1360	603991 Steel Guiderails Special Item - EACH 603225 M Fleet First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1365	603991 Steel Guiderails Special Item - EACH 603227 M Fleet Hinge Second/Third Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1370	603991 Steel Guiderails Special Item - EACH 603229 M Fleet Hinge Second/ Third Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
1375	603991 Steel Guiderails Special Item - EACH 603231 M Fleet Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
1380	603991 Steel Guiderails Special Item - EACH 603233 M Fleet Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 34 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1385	603991 Steel Guiderails Special Item - EACH 603235 M Fleet Ground Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
1390	603991 Steel Guiderails Special Item - EACH 603247 Anchorage at Str., Bridge or Conc. Barrier (any type guardrail)	1.000 EACH	_____	_____	_____	_____
1395	603991 Steel Guiderails Special Item - EACH 603251 F&I SHA Type L Complete End Terminal	1.000 EACH	_____	_____	_____	_____
1400	603991 Steel Guiderails Special Item - EACH 603253 Anchor Rail	1.000 EACH	_____	_____	_____	_____
1405	603991 Steel Guiderails Special Item - EACH 603255 Timber Post	1.000 EACH	_____	_____	_____	_____
1410	603991 Steel Guiderails Special Item - EACH 603257 Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
1415	603991 Steel Guiderails Special Item - EACH 603267 W-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____
1420	603991 Steel Guiderails Special Item - EACH 603269 Thrie-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 35 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1425	603991 Steel Guiderails Special Item - EACH 603271 W-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
1430	603991 Steel Guiderails Special Item - EACH 603273 Thrie-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
1435	603991 Steel Guiderails Special Item - EACH 603275 W-Beam Approach Transition, Brown Color	1.000 EACH	_____	_____	_____	_____
1440	603991 Steel Guiderails Special Item - EACH 603277 Thrie-Beam Approach Transition, , Brown Color	1.000 EACH	_____	_____	_____	_____
1445	603995 Steel Guiderails Special Item - LF - 603019 Remove/Reset Timber Guardrail	100.000 LF	_____	_____	_____	_____
1450	603995 Steel Guiderails Special Item - LF - 603071 W-Beam Guardrail (rail only)	2,000.000 LF	_____	_____	_____	_____
1455	603995 Steel Guiderails Special Item - LF - 603073 Double W-Beam Guardrail (rail only)	100.000 LF	_____	_____	_____	_____
1460	603995 Steel Guiderails Special Item - LF - 603075 W-Beam Post with Bolted Base (any length)	200.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 36 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1465	603995 Steel Guiderails Special Item - LF - 603077 Thrie-Beam Guardrail (rail only)	50.000 LF	_____	_____	_____	_____
1470	603995 Steel Guiderails Special Item - LF - 603079 W-Beam Guardrail Weathering Steel (rail only)	125.000 LF	_____	_____	_____	_____
1475	603995 Steel Guiderails Special Item - LF - 603081 Double W-Beam Guardrail Weathering Steel (rail only)	50.000 LF	_____	_____	_____	_____
1480	603995 Steel Guiderails Special Item - LF - 603083 W-Beam Guardrail (rail only) Brown Color	300.000 LF	_____	_____	_____	_____
1485	603995 Steel Guiderails Special Item - LF - 603085 Double W-Beam Guardrail (rail only) Brown Color	200.000 LF	_____	_____	_____	_____
1490	604040 Reset Chain Link Fence	10.000 LF	_____	_____	_____	_____
1495	604991 Miscellaneous Fencing Special Item - LF - 604007 F&I Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
1500	604991 Miscellaneous Fencing Special Item - LF - 604009 Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 37 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1505	604991 Miscellaneous Fencing Special Item - LF - 604011 F&I Ornamental Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
1510	604991 Miscellaneous Fencing Special Item - LF - 604013 Ornamental Fence 6-8 FT Ht	10.000 LF	_____	_____	_____	_____
1515	604991 Miscellaneous Fencing Special Item - LF - 604019 Reset Ornamental Fence	10.000 LF	_____	_____	_____	_____
1520	604991 Miscellaneous Fencing Special Item - LF - 604023 F&I Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
1525	604991 Miscellaneous Fencing Special Item - LF - 604025 Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
1530	604991 Miscellaneous Fencing Special Item - LF - 604027 F&I Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
1535	604991 Miscellaneous Fencing Special Item - LF - 604029 Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
1540	610002 PCC Median Barrier	5.000 LF	_____	_____	_____	_____
1545	610012 Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 38 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1550	610012 Portable Precast PCC Barrier 610019 R/R Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
1555	610012 Portable Precast PCC Barrier 610021 Remove Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
1560	610991 PCC Traffic Barriers Special Item - CY - 610011 R/R PCC Median Barrier (0 CY less than or equal to 5 CY)	1.000 CY	_____	_____	_____	_____
1565	610991 PCC Traffic Barriers Special Item - CY - 610013 R/R PCC Median Barrier (greater than 5 CY less than or equal to 10 CY)	1.000 CY	_____	_____	_____	_____
1570	610991 PCC Traffic Barriers Special Item - CY - 610015 R/R PCC Median Barrier (greater than 10 CY)	1.000 CY	_____	_____	_____	_____
1575	612002 Maintenance of Highway Traffic	LUMP SUM	LUMP SUM		_____	_____
1580	612028 Type III PVC Barricade	5.000 EACH	_____	_____	_____	_____
1585	616993 Traffic Signing Special Item - SF - 616009 F&I Impact Attenuator Nose Warning Sign	400.000 SF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1590	616995 Traffic Signing Special Item - EACH - 616013 F&I Impact Attenuator ID Marker	10.000 EACH	_____	_____	_____	_____
1595	616995 Traffic Signing Special Item - EACH - 616017 F&I Flexible Delineator Post 28" high	10.000 EACH	_____	_____	_____	_____
1600	617008 Sand-Filled Module Impact Attenuator	112.500 EACH	_____	_____	_____	_____
1605	617991 Impact Attenuator Special Item - EACH - 617039 F&I 5-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
1610	617991 Impact Attenuator Special Item - EACH - 617043 F&I 6-Bay Quad Guard M10 Impact Attenuator (30")	1.000 EACH	_____	_____	_____	_____
1615	617991 Impact Attenuator Special Item - EACH - 617013 Reset Sand-filled Module Impact Attenuator	60.000 EACH	_____	_____	_____	_____
1620	617991 Impact Attenuator Special Item - EACH - 617015 F&I Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____
1625	617991 Impact Attenuator Special Item - EACH - 617017 Install Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 40 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1630	617991 Impact Attenuator Special Item - EACH - 617021 F&I Temporary Impact Attenuator MASH, Sentry Longitudinal Energy Dissipat	1.000 EACH	_____	_____	_____	_____
1635	617991 Impact Attenuator Special Item - EACH - 617023 Containment Impact Sled with empty module	1.000 EACH	_____	_____	_____	_____
1640	617991 Impact Attenuator Special Item - EACH - 617025 Module-Water Filled	1.000 EACH	_____	_____	_____	_____
1645	617991 Impact Attenuator Special Item - EACH - 617031 F&I 1-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
1650	617991 Impact Attenuator Special Item - EACH - 617033 F&I 2-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
1655	617991 Impact Attenuator Special Item - EACH - 617035 F&I 3-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
1660	617991 Impact Attenuator Special Item - EACH - 617037 F&I 4-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 41 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1665	617991 Impact Attenuator Special Item - EACH - 617041 F&I 6-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
1670	617991 Impact Attenuator Special Item - EACH - 617045 F&I 6-Bay Quad Guard M10 Impact Attenuator (36")	1.000 EACH	_____	_____	_____	_____
1675	617991 Impact Attenuator Special Item - EACH - 617047 F&I 6-Bay Quad Guard M10 Impact Attenuator (69")	1.000 EACH	_____	_____	_____	_____
1680	617991 Impact Attenuator Special Item - EACH - 617049 F&I 6-Bay Quad Guard M10 Impact Attenuator (90")	1.000 EACH	_____	_____	_____	_____
1685	617991 Impact Attenuator Special Item - EACH - 617051 F&I 8 Bay Quad Guard M10 Impact Attenuator (24" wide)	1.000 EACH	_____	_____	_____	_____
1690	617991 Impact Attenuator Special Item - EACH - 617053 F&I 8 Bay Quad Guard M10 Impact Attenuator (30" wide)	1.000 EACH	_____	_____	_____	_____
1695	617991 Impact Attenuator Special Item - EACH - 617055 F&I 8 Bay Quad Guard M10 Impact Attenuator (36" wide)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 42 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1700	617991 Impact Attenuator Special Item - EACH - 617057 F&I 8 Bay Quad Guard Elite M10 Attenuator (24" TO 36" wide)	1.000 EACH	_____	_____	_____	_____
1705	617991 Impact Attenuator Special Item - EACH - 617081 Quad Guard Fender Panel	20.000 EACH	_____	_____	_____	_____
1710	617991 Impact Attenuator Special Item - EACH - 617083 Quad Guard Nose Assembly	40.000 EACH	_____	_____	_____	_____
1715	617991 Impact Attenuator Special Item - EACH - 617085 Quad Guard Diaphragm	15.000 EACH	_____	_____	_____	_____
1720	617991 Impact Attenuator Special Item - EACH - 617087 Quad Guard Cartridge	190.000 EACH	_____	_____	_____	_____
1725	617991 Impact Attenuator Special Item - EACH - 617097 Quad Guard Elite Nose Assembly	10.000 EACH	_____	_____	_____	_____
1730	617991 Impact Attenuator Special Item - EACH - 617099 Quad Guard Elite Diaphragm	10.000 EACH	_____	_____	_____	_____
1735	617991 Impact Attenuator Special Item - EACH - 617101 Quad Guard Elite Fender Panel	10.000 EACH	_____	_____	_____	_____
1740	617991 Impact Attenuator Special Item - EACH - 617103 Quad Guard Elite Nose Cylinder 28"x30" HDPE	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1745	617991 Impact Attenuator Special Item - EACH - 617105 Quad Guard Elite ME1 Cylinder	10.000 EACH	_____	_____	_____	_____
1750	617991 Impact Attenuator Special Item - EACH - 617107 Quad Guard Elite ME2 Cylinder	5.000 EACH	_____	_____	_____	_____
1755	617991 Impact Attenuator Special Item - EACH - 617109 Quad Guard Elite ME3 Cylinder	5.000 EACH	_____	_____	_____	_____
1760	617991 Impact Attenuator Special Item - EACH - 617143 Tau II Nose Assembly	20.000 EACH	_____	_____	_____	_____
1765	617991 Impact Attenuator Special Item - EACH - 617145 Tau II Front Support Leg Kit	20.000 EACH	_____	_____	_____	_____
1770	617991 Impact Attenuator Special Item - EACH - 617149 Tau II Front Support Assembly	20.000 EACH	_____	_____	_____	_____
1775	617991 Impact Attenuator Special Item - EACH - 617151 Tau II Middle Support Assembly	10.000 EACH	_____	_____	_____	_____
1780	617991 Impact Attenuator Special Item - EACH - 617153 Tau II Sliding Panel	10.000 EACH	_____	_____	_____	_____
1785	617991 Impact Attenuator Special Item - EACH - 617155 Tau II Cartridge	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 44 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1790	617991 Impact Attenuator Special Item - EACH - 617167 SMART Cushion Impact Attenuator Nose Assembly	10.000 EACH	_____	_____	_____	_____
1795	617991 Impact Attenuator Special Item - EACH - 617169 SMART Cushion Impact Attenuator Fender Panel	5.000 EACH	_____	_____	_____	_____
1800	617991 Impact Attenuator Special Item - EACH - 617171 SMART Cushion Impact Attenuator Diaphragm	5.000 EACH	_____	_____	_____	_____
1805	617991 Impact Attenuator Special Item - EACH - 617173 Repair SMART Cushion Impact Attenuator	5.000 EACH	_____	_____	_____	_____
1810	617993 Impact Attenuator Special Item - EACH - 617125 Quad Guard Monorail (3-Bay)	1.000 EACH	_____	_____	_____	_____
1815	617993 Impact Attenuator Special Item - EACH - 617127 Quad Guard Monorail (4-Bay)	1.000 EACH	_____	_____	_____	_____
1820	617993 Impact Attenuator Special Item - EACH - 617129 Quad Guard Monorail (5-Bay)	1.000 EACH	_____	_____	_____	_____
1825	617993 Impact Attenuator Special Item - EACH - 617131 Quad Guard Monorail (6-Bay)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 45 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1830	617993 Impact Attenuator Special Item - EACH - 617133 Quad Guard Monorail (8-Bay)	1.000 EACH	_____	_____	_____	_____
1835	703991 Concrete for Structures Special Item - CY - 703011 PCC Impact Attenuator Platform/Backup	1.000 CY	_____	_____	_____	_____
1840	703991 Concrete for Structures Special Item - CY - 703019 R/R Platform/Backup PCC	1.000 CY	_____	_____	_____	_____
1845	704002 Reinforcing Steel	80.000 LBS	_____	_____	_____	_____
1850	704004 Epoxy Coated Reinforcement Bars	80.000 LBS	_____	_____	_____	_____
1855	709991 Railing Special Item - LF - 709005 Any Type of Railing	10.000 LF	_____	_____	_____	_____
1860	900001 Equipment Special Item - HR - 900013 Portable Air Compressor	20.000 HR	_____	_____	_____	_____
1865	900001 Equipment Special Item - HR - 900011 Backhoe/Loader	20.000 HR	_____	_____	_____	_____
1870	900001 Equipment Special Item - HR - 900015 Dump Truck	20.000 HR	_____	_____	_____	_____



Proposal Schedule of Items

Page 46 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0002 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 2

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1875	900001 Equipment Special Item - HR - 900017 Boom Truck	20.000 HR	_____	_____	_____	_____
1880	900001 Equipment Special Item - HR - 900019 Sweep Truck	20.000 HR	_____	_____	_____	_____
1885	900001 Equipment Special Item - HR - 900021 Service Truck/Flatbed Truck	20.000 HR	_____	_____	_____	_____
1890	900001 Equipment Special Item - HR - 900023 Truck Mounted Attenuator - Hourly Rate	20.000 HR	_____	_____	_____	_____
1895	900001 Equipment Special Item - HR - 900025 Skid Steer Loader	20.000 HR	_____	_____	_____	_____
1900	900009 Labor Special Item - HR - 900113 Foreman	20.000 HR	_____	_____	_____	_____
1905	900009 Labor Special Item - HR - 900115 Skilled Laborer	20.000 HR	_____	_____	_____	_____
1910	900009 Labor Special Item - HR - 900117 Unskilled Laborer	20.000 HR	_____	_____	_____	_____
Section: 0002			Total:		_____	_____



Proposal Schedule of Items

Page 47 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1915	000003 Employee Training	80.000 HR	_____	_____	_____	_____
1920	000505 Unassigned Special Item -DAYS - 108001 Mobilization	130.000 DAYS	_____	_____	_____	_____
1925	000506 Unassigned Special Item -EACH - 108003 Emergency Mobilization	3.000 EACH	_____	_____	_____	_____
1930	000511 Unassigned Special Item -LS - 000099 Miscellaneous Materials (Non-Bid Item)	LUMP SUM	LUMP SUM		96,000.00	
1935	202002 Common Excavation	10.000 CY	_____	_____	_____	_____
1940	205010 Structure Hard Surface Excavation	10.000 CY	_____	_____	_____	_____
1945	209991 Aggregate Base Course Special Item - CY- 209003 Aggregate Base Course	5.000 CY	_____	_____	_____	_____
1950	603002 Type I: W-Beam (Standard Block-Out) Type I: W-Beam guardrail (w-beam rail, block & post)	300.000 LF	_____	_____	_____	_____
1955	603016 SBT: Steel-Backed Timber Guardrail/Posts	100.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 48 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1960	603026 Guiderail Exit Terminal 603026 F&I Guardrail Complete Exit Terminal, SHA Type K	15.000 EACH	_____	_____	_____	_____
1965	603038 Rub Rail	10.000 LF	_____	_____	_____	_____
1970	603042 Remove Guiderail Buried Terminal	4.000 EACH	_____	_____	_____	_____
1975	603044 Remove W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
1980	603046 Reset W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
1985	603048 Extra Guiderail Components	5,000.000 LBS	_____	_____	_____	_____
1990	603991 Steel Guiderails Special Item - EACH 603021 Remove/Reset Timber Post (any depth)	1.000 EACH	_____	_____	_____	_____
1995	603991 Steel Guiderails Special Item - EACH 603029 Type K Buffer End Section	1.000 EACH	_____	_____	_____	_____
2000	603991 Steel Guiderails Special Item - EACH 603031 Type K Soil Tube	1.000 EACH	_____	_____	_____	_____
2005	603991 Steel Guiderails Special Item - EACH 603033 Type K Anchor Rail	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 49 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2010	603991 Steel Guiderails Special Item - EACH 603035 Type K Wood Post	1.000 EACH	_____	_____	_____	_____
2015	603991 Steel Guiderails Special Item - EACH 603037 Type K Cable Assembly	1.000 EACH	_____	_____	_____	_____
2020	603991 Steel Guiderails Special Item - EACH 603039 Type K Anchor Bracket	1.000 EACH	_____	_____	_____	_____
2025	603991 Steel Guiderails Special Item - EACH 603041 Type K Strut	1.000 EACH	_____	_____	_____	_____
2030	603991 Steel Guiderails Special Item - EACH 603051 F&I Guardrail Complete Exit terminal SHA Type K Brown Color	1.000 EACH	_____	_____	_____	_____
2035	603991 Steel Guiderails Special Item - EACH 603055 Type K Buffer End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
2040	603991 Steel Guiderails Special Item - EACH 603057 Type K Soil Tube, Brown Color	1.000 EACH	_____	_____	_____	_____
2045	603991 Steel Guiderails Special Item - EACH 603059 Type K Anchor Rail, Brown Color	1.000 EACH	_____	_____	_____	_____
2050	603991 Steel Guiderails Special Item - EACH 603061 Type K Cable Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 50 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2055	603991 Steel Guiderails Special Item - EACH 603063 Type K Anchor Bracket, Brown Color	1.000 EACH	_____	_____	_____	_____
2060	603991 Steel Guiderails Special Item - EACH 603065 Type K Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
2065	603991 Steel Guiderails Special Item - EACH 603093 F&I SHA Type A Complete End Terminal	1.000 EACH	_____	_____	_____	_____
2070	603991 Steel Guiderails Special Item - EACH 603097 4 Inch Guardrail Height Transition	6.000 EACH	_____	_____	_____	_____
2075	603991 Steel Guiderails Special Item - EACH 603099 W-Beam Post (6 FT length)	20.000 EACH	_____	_____	_____	_____
2080	603991 Steel Guiderails Special Item - EACH 603101 W-Beam Post (8 FT length)	5.000 EACH	_____	_____	_____	_____
2085	603991 Steel Guiderails Special Item - EACH 603103 W-Beam Post (6 FT) Brown Color	5.000 EACH	_____	_____	_____	_____
2090	603991 Steel Guiderails Special Item - EACH 603105 W-Beam Post (8 FT) Brown Color	5.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 51 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2095	603991 Steel Guiderails Special Item - EACH 603107 W-Beam Post (6 FT) Weathering Steel	10.000 EACH	_____.	_____.	_____.	_____.
2100	603991 Steel Guiderails Special Item - EACH 603109 W-Beam Post (8 FT) Weathering Steel	5.000 EACH	_____.	_____.	_____.	_____.
2105	603991 Steel Guiderails Special Item - EACH 603111 W-Beam rail system - Block (any type) 6"x8"x14"	20.000 EACH	_____.	_____.	_____.	_____.
2110	603991 Steel Guiderails Special Item - EACH 603113 Thrie-Beam rail system - Block (any type) 6"x8"x22"	5.000 EACH	_____.	_____.	_____.	_____.
2115	603991 Steel Guiderails Special Item - EACH 603121 MSKT SP Complete End Terminal	8.000 EACH	_____.	_____.	_____.	_____.
2120	603991 Steel Guiderails Special Item - EACH 603123 MSKT SP Impact Head	1.000 EACH	_____.	_____.	_____.	_____.
2125	603991 Steel Guiderails Special Item - EACH 603125 MSKT SP 12 Gauge Anchor Rail, End Section	1.000 EACH	_____.	_____.	_____.	_____.
2130	603991 Steel Guiderails Special Item - EACH 603127 MSKT SP First Top Post	1.000 EACH	_____.	_____.	_____.	_____.



Proposal Schedule of Items

Page 52 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2135	603991 Steel Guiderails Special Item - EACH 603129 MSKT SP First Bottom Post	1.000 EACH	_____	_____	_____	_____
2140	603991 Steel Guiderails Special Item - EACH 603131 MSKT SP Second Top Post	1.000 EACH	_____	_____	_____	_____
2145	603991 Steel Guiderails Special Item - EACH 603133 MSKT SP Second Bottom Post	1.000 EACH	_____	_____	_____	_____
2150	603991 Steel Guiderails Special Item - EACH 603135 MSKT SP Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
2155	603991 Steel Guiderails Special Item - EACH 603137 MSKT SP Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
2160	603991 Steel Guiderails Special Item - EACH 603139 MSKT SP Strut	1.000 EACH	_____	_____	_____	_____
2165	603991 Steel Guiderails Special Item - EACH 603141 MSKT SP W-Beam MGS Rail Section (9' 4.5")	1.000 EACH	_____	_____	_____	_____
2170	603991 Steel Guiderails Special Item - EACH 603151 M Fleate Complete End Terminal	6.000 EACH	_____	_____	_____	_____
2175	603991 Steel Guiderails Special Item - EACH 603153 M Fleat Impact Head	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2180	603991 Steel Guiderails Special Item - EACH 603155 M Fleet Anchor rail, 12' 6"	1.000 EACH	_____	_____	_____	_____
2185	603991 Steel Guiderails Special Item - EACH 603157 M Fleet Second Rail, 10' 5"	1.000 EACH	_____	_____	_____	_____
2190	603991 Steel Guiderails Special Item - EACH 603159 M Fleet Third Rail, 13' 6 1/2"	1.000 EACH	_____	_____	_____	_____
2195	603991 Steel Guiderails Special Item - EACH 603161 M Fleet First Top Post	1.000 EACH	_____	_____	_____	_____
2200	603991 Steel Guiderails Special Item - EACH 603163 M Fleet First Bottom Post	1.000 EACH	_____	_____	_____	_____
2205	603991 Steel Guiderails Special Item - EACH 603165 M Fleet Hinge Second/Third Top Post	1.000 EACH	_____	_____	_____	_____
2210	603991 Steel Guiderails Special Item - EACH 603167 M Fleet Hinge Second/ Third Bottom Post	1.000 EACH	_____	_____	_____	_____
2215	603991 Steel Guiderails Special Item - EACH 603169 M Fleet Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
2220	603991 Steel Guiderails Special Item - EACH 603171 M Fleet Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 54 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2225	603991 Steel Guiderails Special Item - EACH 603173 M Fleet Ground Strut	1.000 EACH	_____	_____	_____	_____
2230	603991 Steel Guiderails Special Item - EACH 603183 MSKT SP Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
2235	603991 Steel Guiderails Special Item - EACH 603185 MSKT SP Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
2240	603991 Steel Guiderails Special Item - EACH 603187 MSKT SP 12 Gauge Anchor rail End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
2245	603991 Steel Guiderails Special Item - EACH 603189 MSKT SP First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2250	603991 Steel Guiderails Special Item - EACH 603191 MSKT SP First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2255	603991 Steel Guiderails Special Item - EACH 603193 MSKT SP Second Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2260	603991 Steel Guiderails Special Item - EACH 603195 MSKT SP Second Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 55 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2265	603991 Steel Guiderails Special Item - EACH 603197 MSKT SP Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
2270	603991 Steel Guiderails Special Item - EACH 603199 MSKT SP Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____
2275	603991 Steel Guiderails Special Item - EACH 603201 MSKT SP Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
2280	603991 Steel Guiderails Special Item - EACH 603203 MSKT SP W-beam MGS Rail Section (9'4.5"), Brown Color	1.000 EACH	_____	_____	_____	_____
2285	603991 Steel Guiderails Special Item - EACH 603213 M Fleet Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
2290	603991 Steel Guiderails Special Item - EACH 603215 M Fleet Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
2295	603991 Steel Guiderails Special Item - EACH 603217 M Fleet Anchor Rail, 12' 6", Brown Color	1.000 EACH	_____	_____	_____	_____
2300	603991 Steel Guiderails Special Item - EACH 603219 M Fleet Second Rail, 10' 5", Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 56 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2305	603991 Steel Guiderails Special Item - EACH 603221 M Fleet Third Rail, 13' 6.5", Brown Color	1.000 EACH	_____	_____	_____	_____
2310	603991 Steel Guiderails Special Item - EACH 603223 M Fleet First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2315	603991 Steel Guiderails Special Item - EACH 603225 M Fleet First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2320	603991 Steel Guiderails Special Item - EACH 603227 M Fleet Hinge Second/Third Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2325	603991 Steel Guiderails Special Item - EACH 603229 M Fleet Hinge Second/ Third Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
2330	603991 Steel Guiderails Special Item - EACH 603231 M Fleet Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
2335	603991 Steel Guiderails Special Item - EACH 603233 M Fleet Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 57 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2340	603991 Steel Guiderails Special Item - EACH 603235 M Fleet Ground Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
2345	603991 Steel Guiderails Special Item - EACH 603247 Anchorage at Str., Bridge or Conc. Barrier (any type guardrail)	1.000 EACH	_____	_____	_____	_____
2350	603991 Steel Guiderails Special Item - EACH 603251 F&I SHA Type L Complete End Terminal	1.000 EACH	_____	_____	_____	_____
2355	603991 Steel Guiderails Special Item - EACH 603253 Anchor Rail	1.000 EACH	_____	_____	_____	_____
2360	603991 Steel Guiderails Special Item - EACH 603255 Timber Post	1.000 EACH	_____	_____	_____	_____
2365	603991 Steel Guiderails Special Item - EACH 603257 Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
2370	603991 Steel Guiderails Special Item - EACH 603267 W-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____
2375	603991 Steel Guiderails Special Item - EACH 603269 Thrie-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 58 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2380	603991 Steel Guiderails Special Item - EACH 603271 W-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
2385	603991 Steel Guiderails Special Item - EACH 603273 Thrie-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
2390	603991 Steel Guiderails Special Item - EACH 603275 W-Beam Approach Transition, Brown Color	1.000 EACH	_____	_____	_____	_____
2395	603991 Steel Guiderails Special Item - EACH 603277 Thrie-Beam Approach Transition, , Brown Color	1.000 EACH	_____	_____	_____	_____
2400	603995 Steel Guiderails Special Item - LF - 603019 Remove/Reset Timber Guardrail	100.000 LF	_____	_____	_____	_____
2405	603995 Steel Guiderails Special Item - LF - 603071 W-Beam Guardrail (rail only)	2,000.000 LF	_____	_____	_____	_____
2410	603995 Steel Guiderails Special Item - LF - 603073 Double W-Beam Guardrail (rail only)	100.000 LF	_____	_____	_____	_____
2415	603995 Steel Guiderails Special Item - LF - 603075 W-Beam Post with Bolted Base (any length)	200.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2420	603995 Steel Guiderails Special Item - LF - 603077 Thrie-Beam Guardrail (rail only)	50.000 LF	_____	_____	_____	_____
2425	603995 Steel Guiderails Special Item - LF - 603079 W-Beam Guardrail Weathering Steel (rail only)	125.000 LF	_____	_____	_____	_____
2430	603995 Steel Guiderails Special Item - LF - 603081 Double W-Beam Guardrail Weathering Steel (rail only)	50.000 LF	_____	_____	_____	_____
2435	603995 Steel Guiderails Special Item - LF - 603083 W-Beam Guardrail (rail only) Brown Color	300.000 LF	_____	_____	_____	_____
2440	603995 Steel Guiderails Special Item - LF - 603085 Double W-Beam Guardrail (rail only) Brown Color	200.000 LF	_____	_____	_____	_____
2445	604040 Reset Chain Link Fence	10.000 LF	_____	_____	_____	_____
2450	604991 Miscellaneous Fencing Special Item - LF - 604007 F&I Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
2455	604991 Miscellaneous Fencing Special Item - LF - 604009 Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 60 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2460	604991 Miscellaneous Fencing Special Item - LF - 604011 F&I Ornamental Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
2465	604991 Miscellaneous Fencing Special Item - LF - 604013 Ornamental Fence 6-8 FT Ht	10.000 LF	_____	_____	_____	_____
2470	604991 Miscellaneous Fencing Special Item - LF - 604019 Reset Ornamental Fence	10.000 LF	_____	_____	_____	_____
2475	604991 Miscellaneous Fencing Special Item - LF - 604023 F&I Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
2480	604991 Miscellaneous Fencing Special Item - LF - 604025 Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
2485	604991 Miscellaneous Fencing Special Item - LF - 604027 F&I Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
2490	604991 Miscellaneous Fencing Special Item - LF - 604029 Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
2495	610002 PCC Median Barrier	5.000 LF	_____	_____	_____	_____
2500	610012 Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 61 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2505	610012 Portable Precast PCC Barrier 610019 R/R Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
2510	610012 Portable Precast PCC Barrier 610021 Remove Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
2515	610991 PCC Traffic Barriers Special Item - CY - 610011 R/R PCC Median Barrier (0 CY less than or equal to 5 CY)	1.000 CY	_____	_____	_____	_____
2520	610991 PCC Traffic Barriers Special Item - CY - 610013 R/R PCC Median Barrier (greater than 5 CY less than or equal to 10 CY)	1.000 CY	_____	_____	_____	_____
2525	610991 PCC Traffic Barriers Special Item - CY - 610015 R/R PCC Median Barrier (greater than 10 CY)	1.000 CY	_____	_____	_____	_____
2530	612002 Maintenance of Highway Traffic	LUMP SUM	LUMP SUM		_____	_____
2535	612028 Type III PVC Barricade	5.000 EACH	_____	_____	_____	_____
2540	616993 Traffic Signing Special Item - SF - 616009 F&I Impact Attenuator Nose Warning Sign	400.000 SF	_____	_____	_____	_____



Proposal Schedule of Items

Page 62 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2545	616995 Traffic Signing Special Item - EACH - 616013 F&I Impact Attenuator ID Marker	10.000 EACH	_____	_____	_____	_____
2550	616995 Traffic Signing Special Item - EACH - 616017 F&I Flexible Delineator Post 28" high	10.000 EACH	_____	_____	_____	_____
2555	617008 Sand-Filled Module Impact Attenuator	112.500 EACH	_____	_____	_____	_____
2560	617991 Impact Attenuator Special Item - EACH - 617039 F&I 5-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
2565	617991 Impact Attenuator Special Item - EACH - 617043 F&I 6-Bay Quad Guard M10 Impact Attenuator (30")	1.000 EACH	_____	_____	_____	_____
2570	617991 Impact Attenuator Special Item - EACH - 617013 Reset Sand-filled Module Impact Attenuator	60.000 EACH	_____	_____	_____	_____
2575	617991 Impact Attenuator Special Item - EACH - 617015 F&I Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____
2580	617991 Impact Attenuator Special Item - EACH - 617017 Install Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 63 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2585	617991 Impact Attenuator Special Item - EACH - 617021 F&I Temporary Impact Attenuator MASH, Sentry Longitudinal Energy Dissipat	1.000 EACH	_____	_____	_____	_____
2590	617991 Impact Attenuator Special Item - EACH - 617023 Containment Impact Sled with empty module	1.000 EACH	_____	_____	_____	_____
2595	617991 Impact Attenuator Special Item - EACH - 617025 Module-Water Filled	1.000 EACH	_____	_____	_____	_____
2600	617991 Impact Attenuator Special Item - EACH - 617031 F&I 1-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
2605	617991 Impact Attenuator Special Item - EACH - 617033 F&I 2-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
2610	617991 Impact Attenuator Special Item - EACH - 617035 F&I 3-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
2615	617991 Impact Attenuator Special Item - EACH - 617037 F&I 4-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 64 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2620	617991 Impact Attenuator Special Item - EACH - 617041 F&I 6-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
2625	617991 Impact Attenuator Special Item - EACH - 617045 F&I 6-Bay Quad Guard M10 Impact Attenuator (36")	1.000 EACH	_____	_____	_____	_____
2630	617991 Impact Attenuator Special Item - EACH - 617047 F&I 6-Bay Quad Guard M10 Impact Attenuator (69")	1.000 EACH	_____	_____	_____	_____
2635	617991 Impact Attenuator Special Item - EACH - 617049 F&I 6-Bay Quad Guard M10 Impact Attenuator (90")	1.000 EACH	_____	_____	_____	_____
2640	617991 Impact Attenuator Special Item - EACH - 617051 F&I 8 Bay Quad Guard M10 Impact Attenuator (24" wide)	1.000 EACH	_____	_____	_____	_____
2645	617991 Impact Attenuator Special Item - EACH - 617053 F&I 8 Bay Quad Guard M10 Impact Attenuator (30" wide)	1.000 EACH	_____	_____	_____	_____
2650	617991 Impact Attenuator Special Item - EACH - 617055 F&I 8 Bay Quad Guard M10 Impact Attenuator (36" wide)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 65 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2655	617991 Impact Attenuator Special Item - EACH - 617057 F&I 8 Bay Quad Guard Elite M10 Attenuator (24" TO 36" wide)	1.000 EACH	_____	_____	_____	_____
2660	617991 Impact Attenuator Special Item - EACH - 617081 Quad Guard Fender Panel	20.000 EACH	_____	_____	_____	_____
2665	617991 Impact Attenuator Special Item - EACH - 617083 Quad Guard Nose Assembly	40.000 EACH	_____	_____	_____	_____
2670	617991 Impact Attenuator Special Item - EACH - 617085 Quad Guard Diaphragm	15.000 EACH	_____	_____	_____	_____
2675	617991 Impact Attenuator Special Item - EACH - 617087 Quad Guard Cartridge	190.000 EACH	_____	_____	_____	_____
2680	617991 Impact Attenuator Special Item - EACH - 617097 Quad Guard Elite Nose Assembly	10.000 EACH	_____	_____	_____	_____
2685	617991 Impact Attenuator Special Item - EACH - 617099 Quad Guard Elite Diaphragm	10.000 EACH	_____	_____	_____	_____
2690	617991 Impact Attenuator Special Item - EACH - 617101 Quad Guard Elite Fender Panel	10.000 EACH	_____	_____	_____	_____
2695	617991 Impact Attenuator Special Item - EACH - 617103 Quad Guard Elite Nose Cylinder 28"x30" HDPE	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 66 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2700	617991 Impact Attenuator Special Item - EACH - 617105 Quad Guard Elite ME1 Cylinder	10.000 EACH	_____	_____	_____	_____
2705	617991 Impact Attenuator Special Item - EACH - 617107 Quad Guard Elite ME2 Cylinder	5.000 EACH	_____	_____	_____	_____
2710	617991 Impact Attenuator Special Item - EACH - 617109 Quad Guard Elite ME3 Cylinder	5.000 EACH	_____	_____	_____	_____
2715	617991 Impact Attenuator Special Item - EACH - 617143 Tau II Nose Assembly	20.000 EACH	_____	_____	_____	_____
2720	617991 Impact Attenuator Special Item - EACH - 617145 Tau II Front Support Leg Kit	20.000 EACH	_____	_____	_____	_____
2725	617991 Impact Attenuator Special Item - EACH - 617149 Tau II Front Support Assembly	20.000 EACH	_____	_____	_____	_____
2730	617991 Impact Attenuator Special Item - EACH - 617151 Tau II Middle Support Assembly	10.000 EACH	_____	_____	_____	_____
2735	617991 Impact Attenuator Special Item - EACH - 617153 Tau II Sliding Panel	10.000 EACH	_____	_____	_____	_____
2740	617991 Impact Attenuator Special Item - EACH - 617155 Tau II Cartridge	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 67 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2745	617991 Impact Attenuator Special Item - EACH - 617167 SMART Cushion Impact Attenuator Nose Assembly	10.000 EACH	_____	_____	_____	_____
2750	617991 Impact Attenuator Special Item - EACH - 617169 SMART Cushion Impact Attenuator Fender Panel	5.000 EACH	_____	_____	_____	_____
2755	617991 Impact Attenuator Special Item - EACH - 617171 SMART Cushion Impact Attenuator Diaphragm	5.000 EACH	_____	_____	_____	_____
2760	617991 Impact Attenuator Special Item - EACH - 617173 Repair SMART Cushion Impact Attenuator	5.000 EACH	_____	_____	_____	_____
2765	617993 Impact Attenuator Special Item - EACH - 617125 Quad Guard Monorail (3-Bay)	1.000 EACH	_____	_____	_____	_____
2770	617993 Impact Attenuator Special Item - EACH - 617127 Quad Guard Monorail (4-Bay)	1.000 EACH	_____	_____	_____	_____
2775	617993 Impact Attenuator Special Item - EACH - 617129 Quad Guard Monorail (5-Bay)	1.000 EACH	_____	_____	_____	_____
2780	617993 Impact Attenuator Special Item - EACH - 617131 Quad Guard Monorail (6-Bay)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 68 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2785	617993 Impact Attenuator Special Item - EACH - 617133 Quad Guard Monorail (8-Bay)	1.000 EACH	_____	_____	_____	_____
2790	703991 Concrete for Structures Special Item - CY - 703011 PCC Impact Attenuator Platform/Backup	1.000 CY	_____	_____	_____	_____
2795	703991 Concrete for Structures Special Item - CY - 703019 R/R Platform/Backup PCC	1.000 CY	_____	_____	_____	_____
2800	704002 Reinforcing Steel	80.000 LBS	_____	_____	_____	_____
2805	704004 Epoxy Coated Reinforcement Bars	80.000 LBS	_____	_____	_____	_____
2810	709991 Railing Special Item - LF - 709005 Any Type of Railing	10.000 LF	_____	_____	_____	_____
2815	900001 Equipment Special Item - HR - 900013 Portable Air Compressor	20.000 HR	_____	_____	_____	_____
2820	900001 Equipment Special Item - HR - 900011 Backhoe/Loader	20.000 HR	_____	_____	_____	_____
2825	900001 Equipment Special Item - HR - 900015 Dump Truck	20.000 HR	_____	_____	_____	_____



Proposal Schedule of Items

Page 69 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0003 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 3

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2830	900001 Equipment Special Item - HR - 900017 Boom Truck	20.000 HR	_____	_____	_____	_____
2835	900001 Equipment Special Item - HR - 900019 Sweep Truck	20.000 HR	_____	_____	_____	_____
2840	900001 Equipment Special Item - HR - 900021 Service Truck/Flatbed Truck	20.000 HR	_____	_____	_____	_____
2845	900001 Equipment Special Item - HR - 900023 Truck Mounted Attenuator - Hourly Rate	20.000 HR	_____	_____	_____	_____
2850	900001 Equipment Special Item - HR - 900025 Skid Steer Loader	20.000 HR	_____	_____	_____	_____
2855	900009 Labor Special Item - HR - 900113 Foreman	20.000 HR	_____	_____	_____	_____
2860	900009 Labor Special Item - HR - 900115 Skilled Laborer	20.000 HR	_____	_____	_____	_____
2865	900009 Labor Special Item - HR - 900117 Unskilled Laborer	20.000 HR	_____	_____	_____	_____
Section: 0003			Total:		_____	_____



Proposal Schedule of Items

Page 70 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2870	000003 Employee Training	80.000 HR	_____	_____	_____	_____
2875	000505 Unassigned Special Item -DAYS - 108001 Mobilization	130.000 DAYS	_____	_____	_____	_____
2880	000506 Unassigned Special Item -EACH - 108003 Emergency Mobilization	3.000 EACH	_____	_____	_____	_____
2885	000511 Unassigned Special Item -LS - 000099 Miscellaneous Materials (Non-Bid Item)	LUMP SUM	LUMP SUM		96,000.00	
2890	202002 Common Excavation	10.000 CY	_____	_____	_____	_____
2895	205010 Structure Hard Surface Excavation	10.000 CY	_____	_____	_____	_____
2900	209991 Aggregate Base Course Special Item - CY- 209003 Aggregate Base Course	5.000 CY	_____	_____	_____	_____
2905	603002 Type I: W-Beam (Standard Block-Out) Type I: W-Beam guardrail (w-beam rail, block & post)	300.000 LF	_____	_____	_____	_____
2910	603016 SBT: Steel-Backed Timber Guardrail/Posts	100.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 71 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2915	603026 Guiderail Exit Terminal 603026 F&I Guardrail Complete Exit Terminal, SHA Type K	15.000 EACH	_____	_____	_____	_____
2920	603038 Rub Rail	10.000 LF	_____	_____	_____	_____
2925	603042 Remove Guiderail Buried Terminal	4.000 EACH	_____	_____	_____	_____
2930	603044 Remove W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
2935	603046 Reset W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
2940	603048 Extra Guiderail Components	5,000.000 LBS	_____	_____	_____	_____
2945	603991 Steel Guiderails Special Item - EACH 603021 Remove/Reset Timber Post (any depth)	1.000 EACH	_____	_____	_____	_____
2950	603991 Steel Guiderails Special Item - EACH 603029 Type K Buffer End Section	1.000 EACH	_____	_____	_____	_____
2955	603991 Steel Guiderails Special Item - EACH 603031 Type K Soil Tube	1.000 EACH	_____	_____	_____	_____
2960	603991 Steel Guiderails Special Item - EACH 603033 Type K Anchor Rail	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 72 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2965	603991 Steel Guiderails Special Item - EACH 603035 Type K Wood Post	1.000 EACH	_____	_____	_____	_____
2970	603991 Steel Guiderails Special Item - EACH 603037 Type K Cable Assembly	1.000 EACH	_____	_____	_____	_____
2975	603991 Steel Guiderails Special Item - EACH 603039 Type K Anchor Bracket	1.000 EACH	_____	_____	_____	_____
2980	603991 Steel Guiderails Special Item - EACH 603041 Type K Strut	1.000 EACH	_____	_____	_____	_____
2985	603991 Steel Guiderails Special Item - EACH 603051 F&I Guardrail Complete Exit terminal SHA Type K Brown Color	1.000 EACH	_____	_____	_____	_____
2990	603991 Steel Guiderails Special Item - EACH 603055 Type K Buffer End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
2995	603991 Steel Guiderails Special Item - EACH 603057 Type K Soil Tube, Brown Color	1.000 EACH	_____	_____	_____	_____
3000	603991 Steel Guiderails Special Item - EACH 603059 Type K Anchor Rail, Brown Color	1.000 EACH	_____	_____	_____	_____
3005	603991 Steel Guiderails Special Item - EACH 603061 Type K Cable Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 73 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3010	603991 Steel Guiderails Special Item - EACH 603063 Type K Anchor Bracket, Brown Color	1.000 EACH	_____.	_____	_____.	_____
3015	603991 Steel Guiderails Special Item - EACH 603065 Type K Strut, Brown Color	1.000 EACH	_____.	_____	_____.	_____
3020	603991 Steel Guiderails Special Item - EACH 603093 F&I SHA Type A Complete End Terminal	1.000 EACH	_____.	_____	_____.	_____
3025	603991 Steel Guiderails Special Item - EACH 603097 4 Inch Guardrail Height Transition	6.000 EACH	_____.	_____	_____.	_____
3030	603991 Steel Guiderails Special Item - EACH 603099 W-Beam Post (6 FT length)	20.000 EACH	_____.	_____	_____.	_____
3035	603991 Steel Guiderails Special Item - EACH 603101 W-Beam Post (8 FT length)	5.000 EACH	_____.	_____	_____.	_____
3040	603991 Steel Guiderails Special Item - EACH 603103 W-Beam Post (6 FT) Brown Color	5.000 EACH	_____.	_____	_____.	_____
3045	603991 Steel Guiderails Special Item - EACH 603105 W-Beam Post (8 FT) Brown Color	5.000 EACH	_____.	_____	_____.	_____



Proposal Schedule of Items

Page 74 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3050	603991 Steel Guiderails Special Item - EACH 603107 W-Beam Post (6 FT) Weathering Steel	10.000 EACH	_____.	_____.	_____.	_____.
3055	603991 Steel Guiderails Special Item - EACH 603109 W-Beam Post (8 FT) Weathering Steel	5.000 EACH	_____.	_____.	_____.	_____.
3060	603991 Steel Guiderails Special Item - EACH 603111 W-Beam rail system - Block (any type) 6"x8"x14"	20.000 EACH	_____.	_____.	_____.	_____.
3065	603991 Steel Guiderails Special Item - EACH 603113 Thrie-Beam rail system - Block (any type) 6"x8"x22"	5.000 EACH	_____.	_____.	_____.	_____.
3070	603991 Steel Guiderails Special Item - EACH 603121 MSKT SP Complete End Terminal	8.000 EACH	_____.	_____.	_____.	_____.
3075	603991 Steel Guiderails Special Item - EACH 603123 MSKT SP Impact Head	1.000 EACH	_____.	_____.	_____.	_____.
3080	603991 Steel Guiderails Special Item - EACH 603125 MSKT SP 12 Gauge Anchor Rail, End Section	1.000 EACH	_____.	_____.	_____.	_____.
3085	603991 Steel Guiderails Special Item - EACH 603127 MSKT SP First Top Post	1.000 EACH	_____.	_____.	_____.	_____.



Proposal Schedule of Items

Page 75 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3090	603991 Steel Guiderails Special Item - EACH 603129 MSKT SP First Bottom Post	1.000 EACH	_____	_____	_____	_____
3095	603991 Steel Guiderails Special Item - EACH 603131 MSKT SP Second Top Post	1.000 EACH	_____	_____	_____	_____
3100	603991 Steel Guiderails Special Item - EACH 603133 MSKT SP Second Bottom Post	1.000 EACH	_____	_____	_____	_____
3105	603991 Steel Guiderails Special Item - EACH 603135 MSKT SP Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
3110	603991 Steel Guiderails Special Item - EACH 603137 MSKT SP Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
3115	603991 Steel Guiderails Special Item - EACH 603139 MSKT SP Strut	1.000 EACH	_____	_____	_____	_____
3120	603991 Steel Guiderails Special Item - EACH 603141 MSKT SP W-Beam MGS Rail Section (9' 4.5")	1.000 EACH	_____	_____	_____	_____
3125	603991 Steel Guiderails Special Item - EACH 603151 M Fleate Complete End Terminal	6.000 EACH	_____	_____	_____	_____
3130	603991 Steel Guiderails Special Item - EACH 603153 M Fleat Impact Head	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 76 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3135	603991 Steel Guiderails Special Item - EACH 603155 M Fleet Anchor rail, 12' 6"	1.000 EACH	_____	_____	_____	_____
3140	603991 Steel Guiderails Special Item - EACH 603157 M Fleet Second Rail, 10' 5"	1.000 EACH	_____	_____	_____	_____
3145	603991 Steel Guiderails Special Item - EACH 603159 M Fleet Third Rail, 13' 6 1/2"	1.000 EACH	_____	_____	_____	_____
3150	603991 Steel Guiderails Special Item - EACH 603161 M Fleet First Top Post	1.000 EACH	_____	_____	_____	_____
3155	603991 Steel Guiderails Special Item - EACH 603163 M Fleet First Bottom Post	1.000 EACH	_____	_____	_____	_____
3160	603991 Steel Guiderails Special Item - EACH 603165 M Fleet Hinge Second/Third Top Post	1.000 EACH	_____	_____	_____	_____
3165	603991 Steel Guiderails Special Item - EACH 603167 M Fleet Hinge Second/ Third Bottom Post	1.000 EACH	_____	_____	_____	_____
3170	603991 Steel Guiderails Special Item - EACH 603169 M Fleet Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
3175	603991 Steel Guiderails Special Item - EACH 603171 M Fleet Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 77 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3180	603991 Steel Guiderails Special Item - EACH 603173 M Fleet Ground Strut	1.000 EACH	_____	_____	_____	_____
3185	603991 Steel Guiderails Special Item - EACH 603183 MSKT SP Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
3190	603991 Steel Guiderails Special Item - EACH 603185 MSKT SP Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
3195	603991 Steel Guiderails Special Item - EACH 603187 MSKT SP 12 Gauge Anchor rail End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
3200	603991 Steel Guiderails Special Item - EACH 603189 MSKT SP First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3205	603991 Steel Guiderails Special Item - EACH 603191 MSKT SP First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3210	603991 Steel Guiderails Special Item - EACH 603193 MSKT SP Second Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3215	603991 Steel Guiderails Special Item - EACH 603195 MSKT SP Second Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 78 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3220	603991 Steel Guiderails Special Item - EACH 603197 MSKT SP Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
3225	603991 Steel Guiderails Special Item - EACH 603199 MSKT SP Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____
3230	603991 Steel Guiderails Special Item - EACH 603201 MSKT SP Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
3235	603991 Steel Guiderails Special Item - EACH 603203 MSKT SP W-beam MGS Rail Section (9'4.5"), Brown Color	1.000 EACH	_____	_____	_____	_____
3240	603991 Steel Guiderails Special Item - EACH 603213 M Fleet Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
3245	603991 Steel Guiderails Special Item - EACH 603215 M Fleet Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
3250	603991 Steel Guiderails Special Item - EACH 603217 M Fleet Anchor Rail, 12' 6", Brown Color	1.000 EACH	_____	_____	_____	_____
3255	603991 Steel Guiderails Special Item - EACH 603219 M Fleet Second Rail, 10' 5", Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3260	603991 Steel Guiderails Special Item - EACH 603221 M Fleet Third Rail, 13' 6.5", Brown Color	1.000 EACH	_____	_____	_____	_____
3265	603991 Steel Guiderails Special Item - EACH 603223 M Fleet First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3270	603991 Steel Guiderails Special Item - EACH 603225 M Fleet First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3275	603991 Steel Guiderails Special Item - EACH 603227 M Fleet Hinge Second/Third Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3280	603991 Steel Guiderails Special Item - EACH 603229 M Fleet Hinge Second/ Third Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
3285	603991 Steel Guiderails Special Item - EACH 603231 M Fleet Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
3290	603991 Steel Guiderails Special Item - EACH 603233 M Fleet Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 80 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3295	603991 Steel Guiderails Special Item - EACH 603235 M Fleet Ground Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
3300	603991 Steel Guiderails Special Item - EACH 603247 Anchorage at Str., Bridge or Conc. Barrier (any type guardrail)	1.000 EACH	_____	_____	_____	_____
3305	603991 Steel Guiderails Special Item - EACH 603251 F&I SHA Type L Complete End Terminal	1.000 EACH	_____	_____	_____	_____
3310	603991 Steel Guiderails Special Item - EACH 603253 Anchor Rail	1.000 EACH	_____	_____	_____	_____
3315	603991 Steel Guiderails Special Item - EACH 603255 Timber Post	1.000 EACH	_____	_____	_____	_____
3320	603991 Steel Guiderails Special Item - EACH 603257 Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
3325	603991 Steel Guiderails Special Item - EACH 603267 W-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____
3330	603991 Steel Guiderails Special Item - EACH 603269 Thrie-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 81 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3335	603991 Steel Guiderails Special Item - EACH 603271 W-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
3340	603991 Steel Guiderails Special Item - EACH 603273 Thrie-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
3345	603991 Steel Guiderails Special Item - EACH 603275 W-Beam Approach Transition, Brown Color	1.000 EACH	_____	_____	_____	_____
3350	603991 Steel Guiderails Special Item - EACH 603277 Thrie-Beam Approach Transition, , Brown Color	1.000 EACH	_____	_____	_____	_____
3355	603995 Steel Guiderails Special Item - LF - 603019 Remove/Reset Timber Guardrail	100.000 LF	_____	_____	_____	_____
3360	603995 Steel Guiderails Special Item - LF - 603071 W-Beam Guardrail (rail only)	2,000.000 LF	_____	_____	_____	_____
3365	603995 Steel Guiderails Special Item - LF - 603073 Double W-Beam Guardrail (rail only)	100.000 LF	_____	_____	_____	_____
3370	603995 Steel Guiderails Special Item - LF - 603075 W-Beam Post with Bolted Base (any length)	200.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 82 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3375	603995 Steel Guiderails Special Item - LF - 603077 Thrie-Beam Guardrail (rail only)	50.000 LF	_____	_____	_____	_____
3380	603995 Steel Guiderails Special Item - LF - 603079 W-Beam Guardrail Weathering Steel (rail only)	125.000 LF	_____	_____	_____	_____
3385	603995 Steel Guiderails Special Item - LF - 603081 Double W-Beam Guardrail Weathering Steel (rail only)	50.000 LF	_____	_____	_____	_____
3390	603995 Steel Guiderails Special Item - LF - 603083 W-Beam Guardrail (rail only) Brown Color	300.000 LF	_____	_____	_____	_____
3395	603995 Steel Guiderails Special Item - LF - 603085 Double W-Beam Guardrail (rail only) Brown Color	200.000 LF	_____	_____	_____	_____
3400	604040 Reset Chain Link Fence	10.000 LF	_____	_____	_____	_____
3405	604991 Miscellaneous Fencing Special Item - LF - 604007 F&I Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
3410	604991 Miscellaneous Fencing Special Item - LF - 604009 Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 83 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3415	604991 Miscellaneous Fencing Special Item - LF - 604011 F&I Ornamental Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
3420	604991 Miscellaneous Fencing Special Item - LF - 604013 Ornamental Fence 6-8 FT Ht	10.000 LF	_____	_____	_____	_____
3425	604991 Miscellaneous Fencing Special Item - LF - 604019 Reset Ornamental Fence	10.000 LF	_____	_____	_____	_____
3430	604991 Miscellaneous Fencing Special Item - LF - 604023 F&I Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
3435	604991 Miscellaneous Fencing Special Item - LF - 604025 Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
3440	604991 Miscellaneous Fencing Special Item - LF - 604027 F&I Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
3445	604991 Miscellaneous Fencing Special Item - LF - 604029 Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
3450	610002 PCC Median Barrier	5.000 LF	_____	_____	_____	_____
3455	610012 Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 84 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3460	610012 Portable Precast PCC Barrier 610019 R/R Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
3465	610012 Portable Precast PCC Barrier 610021 Remove Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
3470	610991 PCC Traffic Barriers Special Item - CY - 610011 R/R PCC Median Barrier (0 CY less than or equal to 5 CY)	1.000 CY	_____	_____	_____	_____
3475	610991 PCC Traffic Barriers Special Item - CY - 610013 R/R PCC Median Barrier (greater than 5 CY less than or equal to 10 CY)	1.000 CY	_____	_____	_____	_____
3480	610991 PCC Traffic Barriers Special Item - CY - 610015 R/R PCC Median Barrier (greater than 10 CY)	1.000 CY	_____	_____	_____	_____
3485	612002 Maintenance of Highway Traffic	LUMP SUM	LUMP SUM		_____	_____
3490	612028 Type III PVC Barricade	5.000 EACH	_____	_____	_____	_____
3495	616993 Traffic Signing Special Item - SF - 616009 F&I Impact Attenuator Nose Warning Sign	400.000 SF	_____	_____	_____	_____



Proposal Schedule of Items

Page 85 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3500	616995 Traffic Signing Special Item - EACH - 616013 F&I Impact Attenuator ID Marker	10.000 EACH	_____	_____	_____	_____
3505	616995 Traffic Signing Special Item - EACH - 616017 F&I Flexible Delineator Post 28" high	10.000 EACH	_____	_____	_____	_____
3510	617008 Sand-Filled Module Impact Attenuator	112.500 EACH	_____	_____	_____	_____
3515	617991 Impact Attenuator Special Item - EACH - 617039 F&I 5-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
3520	617991 Impact Attenuator Special Item - EACH - 617043 F&I 6-Bay Quad Guard M10 Impact Attenuator (30")	1.000 EACH	_____	_____	_____	_____
3525	617991 Impact Attenuator Special Item - EACH - 617013 Reset Sand-filled Module Impact Attenuator	60.000 EACH	_____	_____	_____	_____
3530	617991 Impact Attenuator Special Item - EACH - 617015 F&I Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____
3535	617991 Impact Attenuator Special Item - EACH - 617017 Install Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 86 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3540	617991 Impact Attenuator Special Item - EACH - 617021 F&I Temporary Impact Attenuator MASH, Sentry Longitudinal Energy Dissipat	1.000 EACH	_____	_____	_____	_____
3545	617991 Impact Attenuator Special Item - EACH - 617023 Containment Impact Sled with empty module	1.000 EACH	_____	_____	_____	_____
3550	617991 Impact Attenuator Special Item - EACH - 617025 Module-Water Filled	1.000 EACH	_____	_____	_____	_____
3555	617991 Impact Attenuator Special Item - EACH - 617031 F&I 1-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
3560	617991 Impact Attenuator Special Item - EACH - 617033 F&I 2-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
3565	617991 Impact Attenuator Special Item - EACH - 617035 F&I 3-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
3570	617991 Impact Attenuator Special Item - EACH - 617037 F&I 4-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 87 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3575	617991 Impact Attenuator Special Item - EACH - 617041 F&I 6-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
3580	617991 Impact Attenuator Special Item - EACH - 617045 F&I 6-Bay Quad Guard M10 Impact Attenuator (36")	1.000 EACH	_____	_____	_____	_____
3585	617991 Impact Attenuator Special Item - EACH - 617047 F&I 6-Bay Quad Guard M10 Impact Attenuator (69")	1.000 EACH	_____	_____	_____	_____
3590	617991 Impact Attenuator Special Item - EACH - 617049 F&I 6-Bay Quad Guard M10 Impact Attenuator (90")	1.000 EACH	_____	_____	_____	_____
3595	617991 Impact Attenuator Special Item - EACH - 617051 F&I 8 Bay Quad Guard M10 Impact Attenuator (24" wide)	1.000 EACH	_____	_____	_____	_____
3600	617991 Impact Attenuator Special Item - EACH - 617053 F&I 8 Bay Quad Guard M10 Impact Attenuator (30" wide)	1.000 EACH	_____	_____	_____	_____
3605	617991 Impact Attenuator Special Item - EACH - 617055 F&I 8 Bay Quad Guard M10 Impact Attenuator (36" wide)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 88 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3610	617991 Impact Attenuator Special Item - EACH - 617057 F&I 8 Bay Quad Guard Elite M10 Attenuator (24" TO 36" wide)	1.000 EACH	_____	_____	_____	_____
3615	617991 Impact Attenuator Special Item - EACH - 617081 Quad Guard Fender Panel	20.000 EACH	_____	_____	_____	_____
3620	617991 Impact Attenuator Special Item - EACH - 617083 Quad Guard Nose Assembly	40.000 EACH	_____	_____	_____	_____
3625	617991 Impact Attenuator Special Item - EACH - 617085 Quad Guard Diaphragm	15.000 EACH	_____	_____	_____	_____
3630	617991 Impact Attenuator Special Item - EACH - 617087 Quad Guard Cartridge	190.000 EACH	_____	_____	_____	_____
3635	617991 Impact Attenuator Special Item - EACH - 617097 Quad Guard Elite Nose Assembly	10.000 EACH	_____	_____	_____	_____
3640	617991 Impact Attenuator Special Item - EACH - 617099 Quad Guard Elite Diaphragm	10.000 EACH	_____	_____	_____	_____
3645	617991 Impact Attenuator Special Item - EACH - 617101 Quad Guard Elite Fender Panel	10.000 EACH	_____	_____	_____	_____
3650	617991 Impact Attenuator Special Item - EACH - 617103 Quad Guard Elite Nose Cylinder 28"x30" HDPE	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 89 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3655	617991 Impact Attenuator Special Item - EACH - 617105 Quad Guard Elite ME1 Cylinder	10.000 EACH	_____	_____	_____	_____
3660	617991 Impact Attenuator Special Item - EACH - 617107 Quad Guard Elite ME2 Cylinder	5.000 EACH	_____	_____	_____	_____
3665	617991 Impact Attenuator Special Item - EACH - 617109 Quad Guard Elite ME3 Cylinder	5.000 EACH	_____	_____	_____	_____
3670	617991 Impact Attenuator Special Item - EACH - 617143 Tau II Nose Assembly	20.000 EACH	_____	_____	_____	_____
3675	617991 Impact Attenuator Special Item - EACH - 617145 Tau II Front Support Leg Kit	20.000 EACH	_____	_____	_____	_____
3680	617991 Impact Attenuator Special Item - EACH - 617149 Tau II Front Support Assembly	20.000 EACH	_____	_____	_____	_____
3685	617991 Impact Attenuator Special Item - EACH - 617151 Tau II Middle Support Assembly	10.000 EACH	_____	_____	_____	_____
3690	617991 Impact Attenuator Special Item - EACH - 617153 Tau II Sliding Panel	10.000 EACH	_____	_____	_____	_____
3695	617991 Impact Attenuator Special Item - EACH - 617155 Tau II Cartridge	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 90 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3700	617991 Impact Attenuator Special Item - EACH - 617167 SMART Cushion Impact Attenuator Nose Assembly	10.000 EACH	_____	_____	_____	_____
3705	617991 Impact Attenuator Special Item - EACH - 617169 SMART Cushion Impact Attenuator Fender Panel	5.000 EACH	_____	_____	_____	_____
3710	617991 Impact Attenuator Special Item - EACH - 617171 SMART Cushion Impact Attenuator Diaphragm	5.000 EACH	_____	_____	_____	_____
3715	617991 Impact Attenuator Special Item - EACH - 617173 Repair SMART Cushion Impact Attenuator	5.000 EACH	_____	_____	_____	_____
3720	617993 Impact Attenuator Special Item - EACH - 617125 Quad Guard Monorail (3-Bay)	1.000 EACH	_____	_____	_____	_____
3725	617993 Impact Attenuator Special Item - EACH - 617127 Quad Guard Monorail (4-Bay)	1.000 EACH	_____	_____	_____	_____
3730	617993 Impact Attenuator Special Item - EACH - 617129 Quad Guard Monorail (5-Bay)	1.000 EACH	_____	_____	_____	_____
3735	617993 Impact Attenuator Special Item - EACH - 617131 Quad Guard Monorail (6-Bay)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 91 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3740	617993 Impact Attenuator Special Item - EACH - 617133 Quad Guard Monorail (8-Bay)	1.000 EACH	_____	_____	_____	_____
3745	703991 Concrete for Structures Special Item - CY - 703011 PCC Impact Attenuator Platform/Backup	1.000 CY	_____	_____	_____	_____
3750	703991 Concrete for Structures Special Item - CY - 703019 R/R Platform/Backup PCC	1.000 CY	_____	_____	_____	_____
3755	704002 Reinforcing Steel	80.000 LBS	_____	_____	_____	_____
3760	704004 Epoxy Coated Reinforcement Bars	80.000 LBS	_____	_____	_____	_____
3765	709991 Railing Special Item - LF - 709005 Any Type of Railing	10.000 LF	_____	_____	_____	_____
3770	900001 Equipment Special Item - HR - 900013 Portable Air Compressor	20.000 HR	_____	_____	_____	_____
3775	900001 Equipment Special Item - HR - 900011 Backhoe/Loader	20.000 HR	_____	_____	_____	_____
3780	900001 Equipment Special Item - HR - 900015 Dump Truck	20.000 HR	_____	_____	_____	_____



Proposal Schedule of Items

Page 92 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0004 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 4

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3785	900001 Equipment Special Item - HR - 900017 Boom Truck	20.000 HR	_____	_____	_____	_____
3790	900001 Equipment Special Item - HR - 900019 Sweep Truck	20.000 HR	_____	_____	_____	_____
3795	900001 Equipment Special Item - HR - 900021 Service Truck/Flatbed Truck	20.000 HR	_____	_____	_____	_____
3800	900001 Equipment Special Item - HR - 900023 Truck Mounted Attenuator - Hourly Rate	20.000 HR	_____	_____	_____	_____
3805	900001 Equipment Special Item - HR - 900025 Skid Steer Loader	20.000 HR	_____	_____	_____	_____
3810	900009 Labor Special Item - HR - 900113 Foreman	20.000 HR	_____	_____	_____	_____
3815	900009 Labor Special Item - HR - 900115 Skilled Laborer	20.000 HR	_____	_____	_____	_____
3820	900009 Labor Special Item - HR - 900117 Unskilled Laborer	20.000 HR	_____	_____	_____	_____
Section: 0004			Total:		_____	_____



Proposal Schedule of Items

Page 93 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3825	000003 Employee Training	80.000 HR	_____	_____	_____	_____
3830	000505 Unassigned Special Item -DAYS - 108001 Mobilization	130.000 DAYS	_____	_____	_____	_____
3835	000506 Unassigned Special Item -EACH - 108003 Emergency Mobilization	3.000 EACH	_____	_____	_____	_____
3840	000511 Unassigned Special Item -LS - 000099 Miscellaneous Materials (Non-Bid Item)	LUMP SUM	LUMP SUM		96,000.00	
3845	202002 Common Excavation	10.000 CY	_____	_____	_____	_____
3850	205010 Structure Hard Surface Excavation	10.000 CY	_____	_____	_____	_____
3855	209991 Aggregate Base Course Special Item - CY- 209003 Aggregate Base Course	5.000 CY	_____	_____	_____	_____
3860	603002 Type I: W-Beam (Standard Block-Out) Type I: W-Beam guardrail (w-beam rail, block & post)	300.000 LF	_____	_____	_____	_____
3865	603016 SBT: Steel-Backed Timber Guardrail/Posts	100.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 94 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3870	603026 Guiderail Exit Terminal 603026 F&I Guardrail Complete Exit Terminal, SHA Type K	15.000 EACH	_____	_____	_____	_____
3875	603038 Rub Rail	10.000 LF	_____	_____	_____	_____
3880	603042 Remove Guiderail Buried Terminal	4.000 EACH	_____	_____	_____	_____
3885	603044 Remove W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
3890	603046 Reset W Beam/Thrie Beam Guiderail	400.000 LF	_____	_____	_____	_____
3895	603048 Extra Guiderail Components	5,000.000 LBS	_____	_____	_____	_____
3900	603991 Steel Guiderails Special Item - EACH 603021 Remove/Reset Timber Post (any depth)	1.000 EACH	_____	_____	_____	_____
3905	603991 Steel Guiderails Special Item - EACH 603029 Type K Buffer End Section	1.000 EACH	_____	_____	_____	_____
3910	603991 Steel Guiderails Special Item - EACH 603031 Type K Soil Tube	1.000 EACH	_____	_____	_____	_____
3915	603991 Steel Guiderails Special Item - EACH 603033 Type K Anchor Rail	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 95 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3920	603991 Steel Guiderails Special Item - EACH 603035 Type K Wood Post	1.000 EACH	_____	_____	_____	_____
3925	603991 Steel Guiderails Special Item - EACH 603037 Type K Cable Assembly	1.000 EACH	_____	_____	_____	_____
3930	603991 Steel Guiderails Special Item - EACH 603039 Type K Anchor Bracket	1.000 EACH	_____	_____	_____	_____
3935	603991 Steel Guiderails Special Item - EACH 603041 Type K Strut	1.000 EACH	_____	_____	_____	_____
3940	603991 Steel Guiderails Special Item - EACH 603051 F&I Guardrail Complete Exit terminal SHA Type K Brown Color	1.000 EACH	_____	_____	_____	_____
3945	603991 Steel Guiderails Special Item - EACH 603055 Type K Buffer End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
3950	603991 Steel Guiderails Special Item - EACH 603057 Type K Soil Tube, Brown Color	1.000 EACH	_____	_____	_____	_____
3955	603991 Steel Guiderails Special Item - EACH 603059 Type K Anchor Rail, Brown Color	1.000 EACH	_____	_____	_____	_____
3960	603991 Steel Guiderails Special Item - EACH 603061 Type K Cable Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 96 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
3965	603991 Steel Guiderails Special Item - EACH 603063 Type K Anchor Bracket, Brown Color	1.000 EACH	_____	_____	_____	_____
3970	603991 Steel Guiderails Special Item - EACH 603065 Type K Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
3975	603991 Steel Guiderails Special Item - EACH 603093 F&I SHA Type A Complete End Terminal	1.000 EACH	_____	_____	_____	_____
3980	603991 Steel Guiderails Special Item - EACH 603097 4 Inch Guardrail Height Transition	6.000 EACH	_____	_____	_____	_____
3985	603991 Steel Guiderails Special Item - EACH 603099 W-Beam Post (6 FT length)	20.000 EACH	_____	_____	_____	_____
3990	603991 Steel Guiderails Special Item - EACH 603101 W-Beam Post (8 FT length)	5.000 EACH	_____	_____	_____	_____
3995	603991 Steel Guiderails Special Item - EACH 603103 W-Beam Post (6 FT) Brown Color	5.000 EACH	_____	_____	_____	_____
4000	603991 Steel Guiderails Special Item - EACH 603105 W-Beam Post (8 FT) Brown Color	5.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 97 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4005	603991 Steel Guiderails Special Item - EACH 603107 W-Beam Post (6 FT) Weathering Steel	10.000 EACH	_____	_____	_____	_____
4010	603991 Steel Guiderails Special Item - EACH 603109 W-Beam Post (8 FT) Weathering Steel	5.000 EACH	_____	_____	_____	_____
4015	603991 Steel Guiderails Special Item - EACH 603111 W-Beam rail system - Block (any type) 6"x8"x14"	20.000 EACH	_____	_____	_____	_____
4020	603991 Steel Guiderails Special Item - EACH 603113 Thrie-Beam rail system - Block (any type) 6"x8"x22"	5.000 EACH	_____	_____	_____	_____
4025	603991 Steel Guiderails Special Item - EACH 603121 MSKT SP Complete End Terminal	8.000 EACH	_____	_____	_____	_____
4030	603991 Steel Guiderails Special Item - EACH 603123 MSKT SP Impact Head	1.000 EACH	_____	_____	_____	_____
4035	603991 Steel Guiderails Special Item - EACH 603125 MSKT SP 12 Gauge Anchor Rail, End Section	1.000 EACH	_____	_____	_____	_____
4040	603991 Steel Guiderails Special Item - EACH 603127 MSKT SP First Top Post	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 98 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4045	603991 Steel Guiderails Special Item - EACH 603129 MSKT SP First Bottom Post	1.000 EACH	_____	_____	_____	_____
4050	603991 Steel Guiderails Special Item - EACH 603131 MSKT SP Second Top Post	1.000 EACH	_____	_____	_____	_____
4055	603991 Steel Guiderails Special Item - EACH 603133 MSKT SP Second Bottom Post	1.000 EACH	_____	_____	_____	_____
4060	603991 Steel Guiderails Special Item - EACH 603135 MSKT SP Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
4065	603991 Steel Guiderails Special Item - EACH 603137 MSKT SP Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
4070	603991 Steel Guiderails Special Item - EACH 603139 MSKT SP Strut	1.000 EACH	_____	_____	_____	_____
4075	603991 Steel Guiderails Special Item - EACH 603141 MSKT SP W-Beam MGS Rail Section (9' 4.5")	1.000 EACH	_____	_____	_____	_____
4080	603991 Steel Guiderails Special Item - EACH 603151 M Fleate Complete End Terminal	6.000 EACH	_____	_____	_____	_____
4085	603991 Steel Guiderails Special Item - EACH 603153 M Fleat Impact Head	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 99 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4090	603991 Steel Guiderails Special Item - EACH 603155 M Fleet Anchor rail, 12' 6"	1.000 EACH	_____	_____	_____	_____
4095	603991 Steel Guiderails Special Item - EACH 603157 M Fleet Second Rail, 10' 5"	1.000 EACH	_____	_____	_____	_____
4100	603991 Steel Guiderails Special Item - EACH 603159 M Fleet Third Rail, 13' 6 1/2"	1.000 EACH	_____	_____	_____	_____
4105	603991 Steel Guiderails Special Item - EACH 603161 M Fleet First Top Post	1.000 EACH	_____	_____	_____	_____
4110	603991 Steel Guiderails Special Item - EACH 603163 M Fleet First Bottom Post	1.000 EACH	_____	_____	_____	_____
4115	603991 Steel Guiderails Special Item - EACH 603165 M Fleet Hinge Second/Third Top Post	1.000 EACH	_____	_____	_____	_____
4120	603991 Steel Guiderails Special Item - EACH 603167 M Fleet Hinge Second/ Third Bottom Post	1.000 EACH	_____	_____	_____	_____
4125	603991 Steel Guiderails Special Item - EACH 603169 M Fleet Cable Anchor Box	1.000 EACH	_____	_____	_____	_____
4130	603991 Steel Guiderails Special Item - EACH 603171 M Fleet Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 100 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4135	603991 Steel Guiderails Special Item - EACH 603173 M Fleet Ground Strut	1.000 EACH	_____	_____	_____	_____
4140	603991 Steel Guiderails Special Item - EACH 603183 MSKT SP Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
4145	603991 Steel Guiderails Special Item - EACH 603185 MSKT SP Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
4150	603991 Steel Guiderails Special Item - EACH 603187 MSKT SP 12 Gauge Anchor rail End Section, Brown Color	1.000 EACH	_____	_____	_____	_____
4155	603991 Steel Guiderails Special Item - EACH 603189 MSKT SP First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4160	603991 Steel Guiderails Special Item - EACH 603191 MSKT SP First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4165	603991 Steel Guiderails Special Item - EACH 603193 MSKT SP Second Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4170	603991 Steel Guiderails Special Item - EACH 603195 MSKT SP Second Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4175	603991 Steel Guiderails Special Item - EACH 603197 MSKT SP Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
4180	603991 Steel Guiderails Special Item - EACH 603199 MSKT SP Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____
4185	603991 Steel Guiderails Special Item - EACH 603201 MSKT SP Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
4190	603991 Steel Guiderails Special Item - EACH 603203 MSKT SP W-beam MGS Rail Section (9'4.5"), Brown Color	1.000 EACH	_____	_____	_____	_____
4195	603991 Steel Guiderails Special Item - EACH 603213 M Fleet Brown Color Complete End Terminal	6.000 EACH	_____	_____	_____	_____
4200	603991 Steel Guiderails Special Item - EACH 603215 M Fleet Impact Head, Brown Color	1.000 EACH	_____	_____	_____	_____
4205	603991 Steel Guiderails Special Item - EACH 603217 M Fleet Anchor Rail, 12' 6", Brown Color	1.000 EACH	_____	_____	_____	_____
4210	603991 Steel Guiderails Special Item - EACH 603219 M Fleet Second Rail, 10' 5", Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4215	603991 Steel Guiderails Special Item - EACH 603221 M Fleet Third Rail, 13' 6.5", Brown Color	1.000 EACH	_____	_____	_____	_____
4220	603991 Steel Guiderails Special Item - EACH 603223 M Fleet First Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4225	603991 Steel Guiderails Special Item - EACH 603225 M Fleet First Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4230	603991 Steel Guiderails Special Item - EACH 603227 M Fleet Hinge Second/Third Top Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4235	603991 Steel Guiderails Special Item - EACH 603229 M Fleet Hinge Second/ Third Bottom Post, Brown Color	1.000 EACH	_____	_____	_____	_____
4240	603991 Steel Guiderails Special Item - EACH 603231 M Fleet Cable Anchor Box, Brown Color	1.000 EACH	_____	_____	_____	_____
4245	603991 Steel Guiderails Special Item - EACH 603233 M Fleet Cable Anchor Assembly, Brown Color	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4250	603991 Steel Guiderails Special Item - EACH 603235 M Fleat Ground Strut, Brown Color	1.000 EACH	_____	_____	_____	_____
4255	603991 Steel Guiderails Special Item - EACH 603247 Anchorage at Str., Bridge or Conc. Barrier (any type guardrail)	1.000 EACH	_____	_____	_____	_____
4260	603991 Steel Guiderails Special Item - EACH 603251 F&I SHA Type L Complete End Terminal	1.000 EACH	_____	_____	_____	_____
4265	603991 Steel Guiderails Special Item - EACH 603253 Anchor Rail	1.000 EACH	_____	_____	_____	_____
4270	603991 Steel Guiderails Special Item - EACH 603255 Timber Post	1.000 EACH	_____	_____	_____	_____
4275	603991 Steel Guiderails Special Item - EACH 603257 Cable Anchor Assembly	1.000 EACH	_____	_____	_____	_____
4280	603991 Steel Guiderails Special Item - EACH 603267 W-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____
4285	603991 Steel Guiderails Special Item - EACH 603269 Thrie-Beam Approach Transition	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 104 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4290	603991 Steel Guiderails Special Item - EACH 603271 W-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
4295	603991 Steel Guiderails Special Item - EACH 603273 Thrie-Beam Approach Transition Weathering Steel	1.000 EACH	_____	_____	_____	_____
4300	603991 Steel Guiderails Special Item - EACH 603275 W-Beam Approach Transition, Brown Color	1.000 EACH	_____	_____	_____	_____
4305	603991 Steel Guiderails Special Item - EACH 603277 Thrie-Beam Approach Transition, , Brown Color	1.000 EACH	_____	_____	_____	_____
4310	603995 Steel Guiderails Special Item - LF - 603019 Remove/Reset Timber Guardrail	100.000 LF	_____	_____	_____	_____
4315	603995 Steel Guiderails Special Item - LF - 603071 W-Beam Guardrail (rail only)	2,000.000 LF	_____	_____	_____	_____
4320	603995 Steel Guiderails Special Item - LF - 603073 Double W-Beam Guardrail (rail only)	100.000 LF	_____	_____	_____	_____
4325	603995 Steel Guiderails Special Item - LF - 603075 W-Beam Post with Bolted Base (any length)	200.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4330	603995 Steel Guiderails Special Item - LF - 603077 Thrie-Beam Guardrail (rail only)	50.000 LF	_____	_____	_____	_____
4335	603995 Steel Guiderails Special Item - LF - 603079 W-Beam Guardrail Weathering Steel (rail only)	125.000 LF	_____	_____	_____	_____
4340	603995 Steel Guiderails Special Item - LF - 603081 Double W-Beam Guardrail Weathering Steel (rail only)	50.000 LF	_____	_____	_____	_____
4345	603995 Steel Guiderails Special Item - LF - 603083 W-Beam Guardrail (rail only) Brown Color	300.000 LF	_____	_____	_____	_____
4350	603995 Steel Guiderails Special Item - LF - 603085 Double W-Beam Guardrail (rail only) Brown Color	200.000 LF	_____	_____	_____	_____
4355	604040 Reset Chain Link Fence	10.000 LF	_____	_____	_____	_____
4360	604991 Miscellaneous Fencing Special Item - LF - 604007 F&I Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
4365	604991 Miscellaneous Fencing Special Item - LF - 604009 Ornamental Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4370	604991 Miscellaneous Fencing Special Item - LF - 604011 F&I Ornamental Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
4375	604991 Miscellaneous Fencing Special Item - LF - 604013 Ornamental Fence 6-8 FT Ht	10.000 LF	_____	_____	_____	_____
4380	604991 Miscellaneous Fencing Special Item - LF - 604019 Reset Ornamental Fence	10.000 LF	_____	_____	_____	_____
4385	604991 Miscellaneous Fencing Special Item - LF - 604023 F&I Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
4390	604991 Miscellaneous Fencing Special Item - LF - 604025 Chain Link Fence 4-6 Ft Ht	10.000 LF	_____	_____	_____	_____
4395	604991 Miscellaneous Fencing Special Item - LF - 604027 F&I Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
4400	604991 Miscellaneous Fencing Special Item - LF - 604029 Chain Link Fence 6-8 Ft Ht	10.000 LF	_____	_____	_____	_____
4405	610002 PCC Median Barrier	5.000 LF	_____	_____	_____	_____
4410	610012 Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____



Proposal Schedule of Items

Page 107 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4415	610012 Portable Precast PCC Barrier 610019 R/R Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
4420	610012 Portable Precast PCC Barrier 610021 Remove Portable Precast PCC Barrier	50.000 LF	_____	_____	_____	_____
4425	610991 PCC Traffic Barriers Special Item - CY - 610011 R/R PCC Median Barrier (0 CY less than or equal to 5 CY)	1.000 CY	_____	_____	_____	_____
4430	610991 PCC Traffic Barriers Special Item - CY - 610013 R/R PCC Median Barrier (greater than 5 CY less than or equal to 10 CY)	1.000 CY	_____	_____	_____	_____
4435	610991 PCC Traffic Barriers Special Item - CY - 610015 R/R PCC Median Barrier (greater than 10 CY)	1.000 CY	_____	_____	_____	_____
4440	612002 Maintenance of Highway Traffic	LUMP SUM	LUMP SUM		_____	_____
4445	612028 Type III PVC Barricade	5.000 EACH	_____	_____	_____	_____
4450	616993 Traffic Signing Special Item - SF - 616009 F&I Impact Attenuator Nose Warning Sign	400.000 SF	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4455	616995 Traffic Signing Special Item - EACH - 616013 F&I Impact Attenuator ID Marker	10.000 EACH	_____	_____	_____	_____
4460	616995 Traffic Signing Special Item - EACH - 616017 F&I Flexible Delineator Post 28" high	10.000 EACH	_____	_____	_____	_____
4465	617008 Sand-Filled Module Impact Attenuator	112.500 EACH	_____	_____	_____	_____
4470	617991 Impact Attenuator Special Item - EACH - 617039 F&I 5-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
4475	617991 Impact Attenuator Special Item - EACH - 617043 F&I 6-Bay Quad Guard M10 Impact Attenuator (30")	1.000 EACH	_____	_____	_____	_____
4480	617991 Impact Attenuator Special Item - EACH - 617013 Reset Sand-filled Module Impact Attenuator	60.000 EACH	_____	_____	_____	_____
4485	617991 Impact Attenuator Special Item - EACH - 617015 F&I Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____
4490	617991 Impact Attenuator Special Item - EACH - 617017 Install Sand-filled Module Impact Attenuator lid only	7.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID:

Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4495	617991 Impact Attenuator Special Item - EACH - 617021 F&I Temporary Impact Attenuator MASH, Sentry Longitudinal Energy Dissipat	1.000 EACH	_____	_____	_____	_____
4500	617991 Impact Attenuator Special Item - EACH - 617023 Containment Impact Sled with empty module	1.000 EACH	_____	_____	_____	_____
4505	617991 Impact Attenuator Special Item - EACH - 617025 Module-Water Filled	1.000 EACH	_____	_____	_____	_____
4510	617991 Impact Attenuator Special Item - EACH - 617031 F&I 1-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
4515	617991 Impact Attenuator Special Item - EACH - 617033 F&I 2-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
4520	617991 Impact Attenuator Special Item - EACH - 617035 F&I 3-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
4525	617991 Impact Attenuator Special Item - EACH - 617037 F&I 4-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 110 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4530	617991 Impact Attenuator Special Item - EACH - 617041 F&I 6-Bay Quad Guard M10 Impact Attenuator (24")	1.000 EACH	_____	_____	_____	_____
4535	617991 Impact Attenuator Special Item - EACH - 617045 F&I 6-Bay Quad Guard M10 Impact Attenuator (36")	1.000 EACH	_____	_____	_____	_____
4540	617991 Impact Attenuator Special Item - EACH - 617047 F&I 6-Bay Quad Guard M10 Impact Attenuator (69")	1.000 EACH	_____	_____	_____	_____
4545	617991 Impact Attenuator Special Item - EACH - 617049 F&I 6-Bay Quad Guard M10 Impact Attenuator (90")	1.000 EACH	_____	_____	_____	_____
4550	617991 Impact Attenuator Special Item - EACH - 617051 F&I 8 Bay Quad Guard M10 Impact Attenuator (24" wide)	1.000 EACH	_____	_____	_____	_____
4555	617991 Impact Attenuator Special Item - EACH - 617053 F&I 8 Bay Quad Guard M10 Impact Attenuator (30" wide)	1.000 EACH	_____	_____	_____	_____
4560	617991 Impact Attenuator Special Item - EACH - 617055 F&I 8 Bay Quad Guard M10 Impact Attenuator (36" wide)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 111 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4565	617991 Impact Attenuator Special Item - EACH - 617057 F&I 8 Bay Quad Guard Elite M10 Attenuator (24" TO 36" wide)	1.000 EACH	_____	_____	_____	_____
4570	617991 Impact Attenuator Special Item - EACH - 617081 Quad Guard Fender Panel	20.000 EACH	_____	_____	_____	_____
4575	617991 Impact Attenuator Special Item - EACH - 617083 Quad Guard Nose Assembly	40.000 EACH	_____	_____	_____	_____
4580	617991 Impact Attenuator Special Item - EACH - 617085 Quad Guard Diaphragm	15.000 EACH	_____	_____	_____	_____
4585	617991 Impact Attenuator Special Item - EACH - 617087 Quad Guard Cartridge	190.000 EACH	_____	_____	_____	_____
4590	617991 Impact Attenuator Special Item - EACH - 617097 Quad Guard Elite Nose Assembly	10.000 EACH	_____	_____	_____	_____
4595	617991 Impact Attenuator Special Item - EACH - 617099 Quad Guard Elite Diaphragm	10.000 EACH	_____	_____	_____	_____
4600	617991 Impact Attenuator Special Item - EACH - 617101 Quad Guard Elite Fender Panel	10.000 EACH	_____	_____	_____	_____
4605	617991 Impact Attenuator Special Item - EACH - 617103 Quad Guard Elite Nose Cylinder 28"x30" HDPE	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 112 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4610	617991 Impact Attenuator Special Item - EACH - 617105 Quad Guard Elite ME1 Cylinder	10.000 EACH	_____	_____	_____	_____
4615	617991 Impact Attenuator Special Item - EACH - 617107 Quad Guard Elite ME2 Cylinder	5.000 EACH	_____	_____	_____	_____
4620	617991 Impact Attenuator Special Item - EACH - 617109 Quad Guard Elite ME3 Cylinder	5.000 EACH	_____	_____	_____	_____
4625	617991 Impact Attenuator Special Item - EACH - 617143 Tau II Nose Assembly	20.000 EACH	_____	_____	_____	_____
4630	617991 Impact Attenuator Special Item - EACH - 617145 Tau II Front Support Leg Kit	20.000 EACH	_____	_____	_____	_____
4635	617991 Impact Attenuator Special Item - EACH - 617149 Tau II Front Support Assembly	20.000 EACH	_____	_____	_____	_____
4640	617991 Impact Attenuator Special Item - EACH - 617151 Tau II Middle Support Assembly	10.000 EACH	_____	_____	_____	_____
4645	617991 Impact Attenuator Special Item - EACH - 617153 Tau II Sliding Panel	10.000 EACH	_____	_____	_____	_____
4650	617991 Impact Attenuator Special Item - EACH - 617155 Tau II Cartridge	10.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 113 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4655	617991 Impact Attenuator Special Item - EACH - 617167 SMART Cushion Impact Attenuator Nose Assembly	10.000 EACH	_____	_____	_____	_____
4660	617991 Impact Attenuator Special Item - EACH - 617169 SMART Cushion Impact Attenuator Fender Panel	5.000 EACH	_____	_____	_____	_____
4665	617991 Impact Attenuator Special Item - EACH - 617171 SMART Cushion Impact Attenuator Diaphragm	5.000 EACH	_____	_____	_____	_____
4670	617991 Impact Attenuator Special Item - EACH - 617173 Repair SMART Cushion Impact Attenuator	5.000 EACH	_____	_____	_____	_____
4675	617993 Impact Attenuator Special Item - EACH - 617125 Quad Guard Monorail (3-Bay)	1.000 EACH	_____	_____	_____	_____
4680	617993 Impact Attenuator Special Item - EACH - 617127 Quad Guard Monorail (4-Bay)	1.000 EACH	_____	_____	_____	_____
4685	617993 Impact Attenuator Special Item - EACH - 617129 Quad Guard Monorail (5-Bay)	1.000 EACH	_____	_____	_____	_____
4690	617993 Impact Attenuator Special Item - EACH - 617131 Quad Guard Monorail (6-Bay)	1.000 EACH	_____	_____	_____	_____



Proposal Schedule of Items

Page 114 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4695	617993 Impact Attenuator Special Item - EACH - 617133 Quad Guard Monorail (8-Bay)	1.000 EACH	_____	_____	_____	_____
4700	703991 Concrete for Structures Special Item - CY - 703011 PCC Impact Attenuator Platform/Backup	1.000 CY	_____	_____	_____	_____
4705	703991 Concrete for Structures Special Item - CY - 703019 R/R Platform/Backup PCC	1.000 CY	_____	_____	_____	_____
4710	704002 Reinforcing Steel	80.000 LBS	_____	_____	_____	_____
4715	704004 Epoxy Coated Reinforcement Bars	80.000 LBS	_____	_____	_____	_____
4720	709991 Railing Special Item - LF - 709005 Any Type of Railing	10.000 LF	_____	_____	_____	_____
4725	900001 Equipment Special Item - HR - 900013 Portable Air Compressor	20.000 HR	_____	_____	_____	_____
4730	900001 Equipment Special Item - HR - 900011 Backhoe/Loader	20.000 HR	_____	_____	_____	_____
4735	900001 Equipment Special Item - HR - 900015 Dump Truck	20.000 HR	_____	_____	_____	_____



Proposal Schedule of Items

Page 115 of 115

Proposal ID: KA20260078

Project(s): KA20260078-1, KA20260078-2,
KA20260078-3, KA20260078-4,
KA20260078-5

Contractor: _____

SECTION: 0005 FY-2026 REPAIR AND UPGRADE GUARDRAIL &
ATTENUATOR ORDERING PERIOD 5

Alt Set ID: Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
4740	900001 Equipment Special Item - HR - 900017 Boom Truck	20.000 HR	_____	_____	_____	_____
4745	900001 Equipment Special Item - HR - 900019 Sweep Truck	20.000 HR	_____	_____	_____	_____
4750	900001 Equipment Special Item - HR - 900021 Service Truck/Flatbed Truck	20.000 HR	_____	_____	_____	_____
4755	900001 Equipment Special Item - HR - 900023 Truck Mounted Attenuator - Hourly Rate	20.000 HR	_____	_____	_____	_____
4760	900001 Equipment Special Item - HR - 900025 Skid Steer Loader	20.000 HR	_____	_____	_____	_____
4765	900009 Labor Special Item - HR - 900113 Foreman	20.000 HR	_____	_____	_____	_____
4770	900009 Labor Special Item - HR - 900115 Skilled Laborer	20.000 HR	_____	_____	_____	_____
4775	900009 Labor Special Item - HR - 900117 Unskilled Laborer	20.000 HR	_____	_____	_____	_____
Section: 0005			Total:		_____	_____
			Total Bid:		_____	_____