



Georgetown County, South Carolina

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ADDENDUM #2 TO BID #20-001

BID NUMBER: 20-001

ISSUE DATE: Wednesday, July 29, 2020

OPENING DATE: Thursday, August 20, 2020

OPENING TIME: 3:00 PM (ET)

Bid Opening Location: Virtual Meeting

Voluntary Pre-Bid Meeting: -CLOSED-

Pre-Bid Site Inspection: Independent-On Own

PROCUREMENT FOR: Brick Chimney Road Improvement Project

This addendum will amend **Bid #20-001, Brick Chimney Road Improvement Project** originally issued on Wednesday, July 1, 2020. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at: www.gtcounty.org, select Quick Links, “Bid Opportunities” and “View Current Bid Solicitations.”

Question 1: (Question 7 from Addendum #1):

On sheet 5, there is a detail on the crossline pipe installation. What do you mean by pipe bedding #57 stone, 24” minimum thickness, beginning 12” below pipe? I don’t quite understand that, beginning 12” below pipe.

Response: Cross line pipe detail has been updated, see updated plan sheet 5 included in this addendum.

Question 2: (Question 8 from Addendum #1)

Where is that pipe bedding paid for?

Response: **No. 57 stone for pipe bedding as called for on plan sheet 5 shall be paid for by the pay item “No. 57 stone for backfill”. Quantity has been updated for No. 57 stone for backfill, see updated bid tab and plan sheet 2 included in this addendum.**

Question 3: (Question 9 from Addendum #1)
Also, on that detail it says do not use sand fill within 2 vertical ft. of the water level at the time of construction? How will that be paid for? The water table probably fluctuates.

Response: **This requirement has been removed. See updated plan sheet 5 included in this addendum.**

Question 4: (Question 18 from Addendum #1)
Where is Item # 2052000 “No. 57 Stone for Backfill” to be utilized?

Response: **See response to question 1 and 2.**

Question 5: I would like to ask a question concerning haul route restrictions. Question being, is there a particular route we are allowed, time restrictions etc.? Coming from the Browns Ferry side the Bridge will come into play and on the Johnson road end it is a residential area.

Response: **McDonald Road (S-22-71) shall not be used as a haul route. As stated in Addendum #1, page 3, “Haul routes need to be submitted for approval to County before they are used.”**

Question 6: Could you please clarify if the clearing limits are to the Right of Way or to the NPDES line?

Response: **Clearing limits are to NPDES line.**

Question 7: Pay Items S000003 Concrete Median & S000004 Concrete Stamping have the same quantity of 1,510 SY. Could you clarify whether or not any concrete is to be included in the stamping item or that the stamping is to take place within the same area of the median pay item? This typically one pay item and I want to make sure that we aren't doubling up on the cost.

Response: **Stamping of the concrete shall be paid separately from the concrete median. There are pay items for the concrete median and the stamping of the concrete median.**

Question 8: During the pre-bid it was mentioned that the muck excavation pay item includes the mucking out and the borrow to replace it. Please verify that this is correct. These items are also usually separated and the quantity of imported borrow required to replace it is greater due to the shrinkage of soils from compaction.

Response: **This is correct. The pay item for Muck Excavation includes the borrow needed to replace the mucked area per the specifications**

Question 9: I have several questions concerning material disposal.

A. In clearing and grubbing, is the contractor permitted to burn the debris on site?

Response: **No.**

B. If burning is not allowed can the debris be taken to the landfill for grinding into mulch, waving the dump fees?

Response: **No.**

C. Concerning the muck excavation spoil material, can it also be taken to the landfill and utilized as capping material and once again wave the disposal fees?

Response: **See response to Addendum #1, Questions 20 and 21.**

Question 10: On the GCWSD Utility Relocation Drawings, Sheet 10, "Trench in Grass" detail, it calls out for #57 stone to be added to the spring-line of the pipe. Is the #57 stone required for water lines and force mains, or only gravity lines.

Response: **GCWSD does NOT require #57 stone on water lines or force mains, only gravity lines.**

Question 11: Water Line Improvements

A. Is the 6" Water Line to deflect under the proposed storm sewer crossing in lieu of using 45's on Sheet 6 of 10?

Response: **The Contractor shall use 45's to cross under the storm drain shown. Clearance shall be at least 18" with 57 stone between the two utility lines.**

B. What should we expect to do with the existing 10" WL near the existing Brick Chimney Road on Sheet 7 of 10? Should we abandon it close the existing 12" W.L.

Response: **The existing 10" water line shall be abandoned in the same way as the 12" water line.**

C. Is there only 2 Services for the project that needs relocating and reconnecting?

Response: **Correct, there are only two water services plus the fire line and fire hydrant that will need to be relocated**

D. Can you better described what is required for the 6" Fire Line/Backflow connection on Sheet 6 of 10?

Response: **The 6" fire line will need to be relocated and the backflow and meter for the fire line as well. Once the backflow has been relocated, it will need to be tested again per SCDHEC requirements. The backflow and meter for the fire line shall be relocated AFTER the proposed line has operational approval, so that the fire protection for the church is not down for a long amount of time.**

Sewer Improvements

E. Are we supposed to include any work for the sewer services/cleanouts called out Sheet 6 of 10?

Response: **Yes, the Contractor shall move the sewer services and clean outs to the proposed right of way line since customers should not own anything within the public right of way.**

F. Can the water and force main tie-ins be done during the day time hours or we should we expect them to be done at night?

Response: **This work can be done during the day, but with notification to GCWSD and the customers affected. All tie ins and service interruptions shall be scheduled with the District.**

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“EXHIBIT H” (REVISED 7/29/2020)

**UNIT PRICE SCHEDULE
(Mandatory Bid Submittal Form)**

When changes in the work are ordered by the Owner, and such changes involve the following items, the following unit prices will be used to calculate adjustments to the Contract Sum. These unit prices shall be for the Work as specified, including all labor, materials, equipment, accessories, shipping, preparation, insurance, testing, overhead, profit, applicable taxes, permits, fees, warranties and all other associated costs for the finished and completed Work. All unit prices for utility conduits shall include sweeps, bends, couplings, caps, fittings, etc. which shall be included in the unit price per linear foot. Unit prices for undercut soils shall include material in place, surveyed and compacted pursuant to the Contract Documents.

Submit unit price and proposal amount for the following items. This list may not include all components necessary to provide a completed product, therefore any applicable items necessary to provide a completed product should be considered in your unit price response.

In case of errors in the extension of prices, unit price governs. In case of error in summations, corrected bid amounts will be totaled and will govern.

Contractor shall make quantity take-offs using drawings to determine quantities to his satisfaction, reporting promptly any discrepancies which may affect bidding. This is not a comprehensive list of items included in the contract documents, and represents only a portion of the project total.

| Roadway Quantities | | | | | |
|---------------------------|--|------|----------|-------------|-------------|
| ITEM NO. | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
| 1031000 | MOBILIZATION | LS | NEC | | |
| 1032010 | BONDS AND INSURANCE | LS | 1 | | |
| 1052000 | UTILITY RELOCATION | LS | NEC | \$30,000.00 | \$30,000.00 |
| 1050800 | CONSTRUCTION STAKES, LINES & GRADES | EA | 1 | | |
| 1071000 | TRAFFIC CONTROL | LS | NEC | | |
| 1092000 | AS-BUILT CONSTRUCTION PLANS | LS | 1 | | |
| 2012000 | CLEARING & GRUBBING WITHIN ROADWAY | LS | NEC | | |
| 2031000 | UNCLASSIFIED EXCAVATION | CY | 47712 | | |
| 2033000 | BORROW EXCAVATION | CY | 25282 | | |
| 2034000 | MUCK EXCAVATION | CY | 26255 | | |
| 2036000 | GEOTEXTILE FOR SEPARATION OF SUBGRADE&SUBBASE/BASE CR | SY | 26255 | | |
| 2052000 | NO. 57 STONE FOR BACKFILL | TON | 461 | | |
| 2081001 | FINE GRADING | SY | 54983 | | |
| 3050110 | GRADED AGGREGATE BASE COURSE (10" UNIFORM) | SY | 47285 | | |
| 3069900 | MAINTENANCE STONE | TON | 744 | | |
| 3100310 | HOT MIX ASPHALT BASE COURSE - TYPE A | TON | 1622 | | |
| 4010005 | PRIME COAT | GAL | 14186 | | |
| 4011004 | LIQUID ASPHALT BINDER PG64-22 | TON | 803 | | |
| 4012080 | FULL DEP.ASPH.PAV.PATCH-8"UNIF | SY | 1000 | | |
| 4013200 | MILLING EXISTING ASPHALT PAVEMENT 2.0" | SY | 7657 | | |
| 4019000 | MILLED-IN RUMBLE STRIP | MI | 5.33 | | |
| 4020320 | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B | TON | 7817 | | |
| 4030340 | HOT MIX ASPHALT SURFACE COURSE TYPE C | TON | 484 | | |
| 4030320 | HOT MIX ASPHALT SURFACE COURSE TYPE B | TON | 5790 | | |
| 6021120 | PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED) | SF | 368 | | |
| 609110E | PAVEMENT MARKINGS(TEMP-EPOXY) 6" WHITE BROKEN LINES | LF | 190 | | |
| 609115F | PAVEMENT MARKING(TEMP.-EPOXY)4" YELLOW SOLID LINES | LF | 190 | | |
| 6250025 | 24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT | LF | 168 | | |
| 6250030 | WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT | EA | 12 | | |
| 6250035 | WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT | EA | 20 | | |
| 6250110 | 4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT | LF | 73390 | | |

| | | | | | |
|----------|--|------|----------|------------|-------------|
| 6250005 | 4" WHITE BROKEN LINES -(GAPS EXCLUDED)-FAST DRY PAINT | LF | 1170 | | |
| 6250012 | 6" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT | LF | 62286 | | |
| 6262012 | 6" WHITE SOLID LINES (PVT. EDGE LINES) EPOXY PAINT | LF | 190 | | |
| 6262110 | 4"YELLOW SOLID LINES-PVT.EDGE&NO PASSING ZONE - EPOXY PAINT | LF | 190 | | |
| ITEM NO. | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
| 6271005 | 4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC- 90 MIL. | LF | 585 | | |
| 6271012 | 6" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL. | LF | 31143 | | |
| 6271025 | 24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL | LF | 84 | | |
| 6271030 | WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL. | EA | 10 | | |
| 6271035 | WHITE WORD MESSAGE "ONLY" -THERMOPLASTIC - 125 MIL. | EA | 10 | | |
| 6271074 | 4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL. | LF | 73390 | | |
| 6300005 | PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR.- 4"X4" | EA | 20 | | |
| 6301100 | PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4" | EA | 349 | | |
| 6510106 | FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG | SF | 92 | | |
| 6531210 | U-SECTION POST FOR SIGN SUPPORTS - 3P | LF | 196 | | |
| 6531500 | REFLECTIVE SIGN POST PANELS | LF | 98 | | |
| 6584690 | BARRICADE - PERMANENT WITH TYPE III SHEETING | LF | 30 | | |
| 7141144 | 24"X 38" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III | LF | 72 | | |
| 7141148 | 34"X 53" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III | LF | 432 | | |
| 7142514 | 24" R. C. PIPE CUL. BEVELED END SECTN-CL 3 | EA | 6 | | |
| 7142516 | 36" R. C. PIPE CUL. BEVELED END SECTN-CL 3 | EA | 8 | | |
| 7143013 | 18" R. C. PIPE CUL. BEVELED END SECTN-CL 4 18" | EA | 6 | | |
| 7141112 | 15" RC PIPE CUL.-CLASS III | LF | 922 | | |
| 7141123 | 18" RC PIPE CUL.-CLASS IV | LF | 524 | | |
| 7141114 | 24" RC PIPE CUL.-CLASS III | LF | 250 | | |
| 7141116 | 36" RC PIPE CUL.-CLASS III | LF | 388 | | |
| 7192105 | MANHOLE | EA | 2 | | |
| 7199100 | BEVELING OF PIPE END | EA | 16 | | |
| 7199200 | 4' SLOPE FLUME (6" CURB STYLE WITH CUTOFFS) | LF | 31 | | |
| 7201010 | CONCRETE CURB (6" AT BRIDGE) | LF | 65 | | |
| 7201100 | CONCRETE CURB (TRANSITION) | LF | 12 | | |
| 7203210 | CONCRETE CURB AND GUTTER(2'-0") VERTICAL FACE | LF | 66 | | |
| 7203220 | CONCRETE CURB AND GUTTER(2'-0") SLOPING FACE | LF | 2925 | | |
| 7204000 | CONCRETE WASHOUT | EA | 2 | | |
| 8020100 | PLANTED MEDIAN SUBSURFACE DRAINAGE | SY | 380 | | |
| 8021204 | 4" PERFORATED PIPE UNDERDRAIN | LF | 280 | | |
| 8041020 | RIP-RAP (CLASS B) | TON | 1247 | | |
| 8048215 | GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D | SY | 1716 | | |
| 8051151 | MT3 LEADING END TREATMENT TL3 | EA | 1 | | |
| 8051155 | MT2 LEADING END TREATMENT TL2 | EA | 1 | | |
| 8052150 | MGS3CS GR COMPRESSED SHOULDER | LF | 1000 | | |
| 8052600 | THRIE BEAM G.R.BRIDGE CONN. | EA | 4 | | |
| 8053257 | FLUME INLET AT GUARDRAIL (HANDWORK) | EA | 2 | | |
| 8055250 | NON-MOW STRIP UNDER GUARDRAIL | SY | 50 | | |
| 8055800 | GUARDRAIL W-BEAM CURVED SYSTEM | LF | 75 | | |
| 8057500 | GR TRAILING END TREATMENT W-BEAM TYPE B | EA | 4 | | |
| ITEM NO. | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
| 8091010 | RIGHT OF WAY MARKER(REBAR AND CAP) | EA | 56 | | |
| 8091050 | RIGHT OF WAY PLAT | LS | 1 | | |
| 8100100 | PERMANENT COVER | ACRE | 25.4 | | |
| 8100200 | TEMPORARY COVER | ACRE | 25.4 | | |
| 8104005 | FERTILIZER (NITROGEN) | LB | 2537 | | |

| | | | | | |
|---------|---|------|--------|--|--|
| 8104010 | FERTILIZER (PHOSPHORIC ACID) | LB | 2537 | | |
| 8104015 | FERTILIZER (POTASH) | LB | 2537 | | |
| 8105005 | AGRICULTURAL GRANULAR LIME | LB | 50727 | | |
| 8109050 | SELECTIVE WATERING | GAL | 688607 | | |
| 8109901 | MOWING | ACRE | 102 | | |
| 8151110 | TEMPORARY EROSION CONTROL BLANKET (ECB) | MSY | 77.018 | | |
| 8151201 | HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 1 | ACRE | 49.915 | | |
| 8151203 | HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3 | ACRE | 1.052 | | |
| 8152007 | SEDIMENT TUBES FOR DITCH CHECKS | LF | 3935 | | |
| 8153000 | SILT FENCE | LF | 10966 | | |
| 8153090 | REPLACE/REPAIR SILT FENCE | LF | 1097 | | |
| 8153801 | DEWATERING BAGS | EA | 4 | | |
| 8154050 | REMOVAL OF SILT RETAINED BY SILT FENCE | LF | 2742 | | |
| 8156490 | STABILIZED CONSTRUCTION ENTRANCE | SY | 1100 | | |
| S000001 | 19"X 30" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-IV | LF | 74 | | |
| S000002 | PIPE AND BOLLARD DOUBLE GATE | EA | 4 | | |
| S000003 | CONCRETE MEDIAN | SY | 1510 | | |
| S000004 | CONCRETE STAMPING | SY | 1510 | | |

Roadway Quantities Subtotal

Bridge Quantities

| ITEM NO. | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
|----------|--|------|----------|------------|-------------|
| 1031000 | Mobilization | LS | NEC | | |
| 1050810 | Staking for Bridge Construction | LS | NEC | | |
| 2028220 | Removal & Disposal of Existing Bridge | LS | NEC | | |
| 6750278 | 2" PVC Conduit | LF | 224 | | |
| 7011400 | Conc. for Structures - Class 4000 | CY | 237.7 | | |
| 7023200 | Grooved Surface Finish | SY | 255 | | |
| 7031200 | Reinf. Steel for Structures (Bridge) | LBS. | 54788 | | |
| 7041010 | AASHTO Type I Mod. | LF | 324.8 | | |
| 7054008 | Concrete Bridge Railing Wall (2'8"HT) | LF | 110 | | |
| 7110001 | Dynamic Pile Analyzer Test Steup | EA | 4 | | |
| 7110010 | Pile Driving Set-Up | EA | 17 | | |
| 7113180 | Steel Pipe Piling (18" Diameter) | LF | 368 | | |
| 7113182 | Steel Pipe Index Piling (18" Diameter) | LF | 58 | | |
| 7243100 | Elastomeric Bearing | EA | 12 | | |
| 8011210 | Agg. Underdrain | Ton | 133 | | |
| 8142100 | Waterproofing (Substructure) | SY | 33.9 | | |

Bridge Quantities Subtotal

Landscape Quantities

| ITEM | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
|---------|-------------------------|------|----------|------------|-------------|
| S000005 | Planter/ Soil Prep | LS | 1.00 | | |
| S000006 | Tree Gator Watering Bag | EA | 6.00 | | |
| S000007 | Sabal Palmetto | EA | 6 | | |
| S000008 | Sweet Grass | EA | 122 | | |
| S000009 | Pinestraw Mulch | SF | 2,454 | | |

Landscape Quantities Subtotal

GCWSD UTILITY RELOCATION QUANTITIES

| ITEM | PAY ITEM | UNIT | QUANTITY | UNIT PRICE | TOTAL PRICE |
|---------|--|------|----------|------------|-------------|
| S000010 | New 6"-8" Waterline Relocation along Brick Chimney Road/Johnson Road. Approximately 580 LF 6" and 220 LF 8" LF. Includes ALL required appurtenances.* | LS | 1 | | |
| S000011 | New 12" Waterline Relocation along Browns Ferry Road (SC-51). Approximately 1820 LF. Includes 120LF Bore and Jack. Includes ALL required appurtenances.* | LS | 1 | | |

| | | | | | |
|--|--|----|---|--|-------------|
| S000012 | New 8" Sewer Force Main Relocation along Browns Ferry Road (SC-51). Approximately 1480 LF. Includes 100LF Bore and Jack. Includes ALL required appurtenances.* | LS | 1 | | |
| S000013 | Abandonment (flowable fill) of existing 6" waterline along Brick Chimney Road/Johnson Road | LS | 1 | | |
| S000014 | Abandonment of existing 12" waterline along Browns Ferry Road (SC-51).** | LS | 1 | | |
| S000015 | Abandonment of existing 4" waterline along Browns Ferry Road (SC-51).** | LS | 1 | | |
| S000016 | Abandonment of existing 8" force main along Browns Ferry Road (SC-51).** | LS | 1 | | |
| *Appurtenances include all fittings, sleeves, restraints, valves, valve markers, plugs, DIP for crossings, casings with spiders, | | | | | |
| ** Abandon in-place using flowable fill. | | | | | |
| GCWSD Utility Relocation Quantities Subtotal | | | | | |
| | | | | | Grand Total |

Bidder/Proposer: _____

Signature: _____

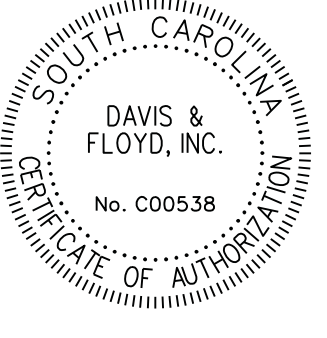

Title: _____

Dated: _____

SUMMARY OF ESTIMATED QUANTITIES

| ITEM NO. | PAY ITEM | UNIT | QUANTITY | ITEM NO. | PAY ITEM | UNIT | QUANTITY |
|----------|--|------|------------|----------|---|------|-------------|
| 1031000 | MOBILIZATION | LS | NEC | 7142516 | 36" R. C. PIPE CUL. BEVELED END SECTN-CL 3 | EA | 8.000 |
| 1032010 | BONDS AND INSURANCE | LS | 1.000 | 7143013 | 18" R. C. PIPE CUL. BEVELED END SECTN-CL 4 18" | EA | 6.000 |
| 1052000 | UTILITY RELOCATION | LS | NEC | 7141112 | 15" RC PIPE CUL.-CLASS III | LF | 922.000 |
| 1050800 | CONSTRUCTION STAKES, LINES & GRADES | EA | 1.000 | 7141123 | 18" RC PIPE CUL.-CLASS IV | LF | 524.000 |
| 1071000 | TRAFFIC CONTROL | LS | NEC | 7141114 | 24" RC PIPE CUL.-CLASS III | LF | 250.000 |
| 1092000 | AS-BUILT CONSTRUCTION PLANS | LS | 1 | 7141116 | 36" RC PIPE CUL.-CLASS III | LF | 388.000 |
| 2012000 | CLEARING & GRUBBING WITHIN ROADWAY | LS | NEC | 7192105 | MANHOLE | EA | 2.000 |
| 2031000 | UNCLASSIFIED EXCAVATION | CY | 47,712.000 | 7199100 | BEVELING OF PIPE END | EA | 16.000 |
| 2033000 | BORROW EXCAVATION | CY | 25,282.000 | 7199200 | 4' SLOPE FLUME (6" CURB STYLE WITH CUTOFFS) | LF | 31.000 |
| 2034000 | MUCK EXCAVATION | CY | 26,255.000 | 7192020 | DROP INLET (24" X 36") | EA | 3.000 |
| 2036000 | GEOTEXTILE FOR SEPARATION OF SUBGRADE&SUBBASE/BASE CR | SY | 26,255.000 | 7201010 | CONCRETE CURB (6" AT BRIDGE) | LF | 65.000 |
| 2052000 | NO. 57 STONE FOR BACKFILL | TON | 461.000 | 7201100 | CONCRETE CURB (TRANSITION) | LF | 12.000 |
| 2081001 | FINE GRADING | SY | 54,983.000 | 7203210 | CONCRETE CURB AND GUTTER(2'-0") VERTICAL FACE | LF | 66.000 |
| 3050110 | GRADED AGGREGATE BASE COURSE (10" UNIFORM) | SY | 47,285.000 | 7203220 | CONCRETE CURB AND GUTTER(2'-0") SLOPING FACE | LF | 2,925.000 |
| 3069900 | MAINTENANCE STONE | TON | 744.000 | 7204000 | CONCRETE WASHOUT | EA | 2.000 |
| 3100310 | HOT MIX ASPHALT BASE COURSE - TYPE A | TON | 1,622.000 | 8020100 | PLANTED MEDIAN SUBSURFACE DRAINAGE | SY | 380.000 |
| 4010005 | PRIME COAT | GAL | 14,186.000 | 8021204 | 4" PERFORATED PIPE UNDERDRAIN | LF | 280.000 |
| 4011004 | LIQUID ASPHALT BINDER PG64-22 | TON | 803.000 | 8041020 | RIP-RAP (CLASS B) | TON | 1,247.000 |
| 4012080 | FULL DEP.ASPH.PAV.PATCH-8"UNIF | SY | 1,000.000 | 8048215 | GEOTEXTILE FOR EROSION CONTROL UNDER RIPRAP(CLASS 2)TYPE D | SY | 1,716.000 |
| 4013200 | MILLING EXISTING ASPHALT PAVEMENT 2.0" | SY | 7,657.000 | 8051151 | MT3 LEADING END TREATMENT TL3 | EA | 1.000 |
| 4019000 | MILLED-IN RUMBLE STRIP | MI | 5.330 | 8051155 | MT2 LEADING END TREATMENT TL2 | EA | 1.000 |
| 4020320 | HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B | TON | 7,817.000 | 8052150 | MGS3CS GR COMPRESSED SHOULDER | LF | 1,000.000 |
| 4030320 | HOT MIX ASPHALT SURFACE COURSE TYPE B | TON | 5,790.000 | 8052600 | THRIE BEAM G.R.BRIDGE CONN. | EA | 4.000 |
| 4030340 | HOT MIX ASPHALT SURFACE COURSE TYPE C | TON | 484.000 | 8053257 | FLUME INLET AT GUARDRAIL (HANDWORK) | EA | 2.000 |
| 6021120 | PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED) | SF | 368.000 | 8055250 | NON-MOW STRIP UNDER GUARDRAIL | SY | 50.000 |
| 609110E | PAVEMENT MARKINGS(TEMP-EPOXY) 6" WHITE BROKEN LINES | LF | 190.000 | 8055800 | GUARDRAIL W-BEAM CURVED SYSTEM | LF | 75.000 |
| 609115F | PAVEMENT MARKING(TEMP.-EPOXY)4" YELLOW SOLID LINES | LF | 190.000 | 8057500 | GR TRAILING END TREATMENT W-BEAM TYPE B | EA | 4.000 |
| 6250025 | 24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT | LF | 168.000 | 8091010 | RIGHT OF WAY MARKER(REBAR AND CAP) | EA | 56.000 |
| 6250030 | WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT | EA | 12.000 | 8091050 | RIGHT OF WAY PLAT | LS | 1.000 |
| 6250035 | WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT | EA | 20.000 | 8100100 | PERMANENT COVER | ACRE | 25.400 |
| 6250110 | 4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT | LF | 73,390.000 | 8100200 | TEMPORARY COVER | ACRE | 25.400 |
| 6250005 | 4" WHITE BROKEN LINES -(GAPS EXCLUDED)-FAST DRY PAINT | LF | 1,170.000 | 8104005 | FERTILIZER (NITROGEN) | LB | 2,537.000 |
| 6250012 | 6" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT | LF | 62,286.000 | 8104010 | FERTILIZER (PHOSPHORIC ACID) | LB | 2,537.000 |
| 6262012 | 6" WHITE SOLID LINES (PVT. EDGE LINES) EPOXY PAINT | LF | 190.000 | 8104015 | FERTILIZER (POTASH) | LB | 2,537.000 |
| 6262110 | 4"YELLOW SOLID LINES-PVT.EDGE&NO PASSING ZONE - EPOXY PAINT | LF | 190.000 | 8105005 | AGRICULTURAL GRANULAR LIME | LB | 50,727.000 |
| 6271005 | 4" WHITE BROKEN LINES(GAPS EXCL.)THERMOPLASTIC - 90 MIL. | LF | 585.000 | 8109050 | SELECTIVE WATERING | GAL | 688,607.000 |
| 6271012 | 6" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL. | LF | 31,143.000 | 8109901 | MOWING | ACRE | 102.000 |
| 6271025 | 24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL | LF | 84.000 | 8151110 | TEMPORARY EROSION CONTROL BLANKET (ECB) | MSY | 77.018 |
| 6271030 | WHITE SINGLE ARROWS (LT, STRGHT, RT) THERMO.-125 MIL. | EA | 10.000 | 8151201 | HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 1 | ACRE | 49.915 |
| 6271035 | WHITE WORD MESSAGE "ONLY" - THERMOPLASTIC - 125 MIL. | EA | 10.000 | 8151203 | HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3 | ACRE | 1.052 |
| 6271074 | 4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL. | LF | 73,390.000 | 8152007 | SEDIMENT TUBES FOR DITCH CHECKS | LF | 3,935.000 |
| 6300005 | PERMANENT CLEAR PAVEMENT MARKERS- MONO-DIR.- 4"X4" | EA | 20.000 | 8153000 | SILT FENCE | LF | 10,966.000 |
| 6301100 | PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4" | EA | 349.000 | 8153090 | REPLACE/REPAIR SILT FENCE | LF | 1,097.000 |
| 6510106 | FLAT SHEET, TYPE III, SIZE DETERMINED BY MSG | SF | 92.000 | 8153801 | DEWATERING BAGS | EA | 4.000 |
| 6531210 | U-SECTION POST FOR SIGN SUPPORTS - 3P | LF | 196.000 | 8154050 | REMOVAL OF SILT RETAINED BY SILT FENCE | LF | 2,742.000 |
| 6531500 | REFLECTIVE SIGN POST PANELS | LF | 98.000 | 8156490 | STABILIZED CONSTRUCTION ENTRANCE | SY | 1,100.000 |
| 6584690 | BARRICADE - PERMANENT WITH TYPE III SHEETING | LF | 30.000 | S000001 | 19"X 30" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-IV | LF | 74.000 |
| 7141144 | 24"X 38" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III | LF | 72.000 | S000002 | PIPE AND BOLLARD DOUBLE GATE | EA | 4.000 |
| 7141148 | 34"X 53" HORIZONTAL ELLIPTICAL(HE) RC PIPE CUL.-CLASS HE-III | LF | 432.000 | S000003 | CONCRETE MEDIAN | SY | 1,510.000 |
| 7142514 | 24" R. C. PIPE CUL. BEVELED END SECTN-CL 3 | EA | 6.000 | S000004 | CONCRETE STAMPING | SY | 1,510.000 |

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|  |  | DAVIS & FLOYD SINCE 1954 | 3229 W. MONTAGUE AVENUE CHARLESTON, SC 29418 (843) 554-8602 | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%;">5</td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td><td style="width: 5%;"></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td><td></td></tr> <tr> <td style="font-size: 8px;">REV. NO.</td> <td style="font-size: 8px;">BY</td> <td style="font-size: 8px;">DATE</td> <td colspan="2" style="font-size: 8px;">DESCRIPTION OF REVISION</td> </tr> <tr> <td style="font-size: 8px;">DESIGNED BY</td> <td style="font-size: 8px;">DRAWN BY</td> <td style="font-size: 8px;">CHECKED BY</td> <td colspan="2"></td> </tr> </table> | 5 | | | | | 4 | | | | | 3 | | | | | 2 | | | | | 1 | | | | | REV. NO. | BY | DATE | DESCRIPTION OF REVISION | | DESIGNED BY | DRAWN BY | CHECKED BY | | | GEORGETOWN COUNTY SUMMARY OF ESTIMATED QUANTITIES |
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GENERAL CONSTRUCTION NOTES:

THE CONTRACTOR MUST PERFORM ALL WORK IN ACCORDANCE WITH THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR ROAD CONSTRUCTION (LATEST EDITION), SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION), SCDOT TRAFFIC SIGNAL SPECIFICATIONS, AND THE MUTCD, 2009 EDITION.

THE CONTRACTOR SHALL IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES TO PREVENT THE TRANSFER OF SUSPENDED SOLIDS AND/OR CHEMICAL SOLUTIONS OFF-SITE, AND TO PREVENT EXCESSIVE SILTATION OF EXISTING DRAINAGE PIPES, CULVERTS, AND DITCHES. THE CONTRACTOR SHALL ROUTINELY INSPECT AND MAINTAIN THESE DEVICES. ALL CHECK DAMS AND RIPRAP SHOWN ARE CLASS B UNLESS OTHERWISE STATED.

THE CONTRACTOR SHALL SUBMIT THE CONCRETE STAMPING DETAILS AND SPECIFICATIONS TO THE COUNTY FOR APPROVAL.

THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE FACILITIES SHOWN ON THE PLANS ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE UTILITIES INFORMATION SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXACT LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT THE PROPER COORDINATION WITH THE VARIOUS UTILITY OWNERS HAS BEEN PERFORMED. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY DURING RELOCATION OPERATIONS.

THE LOCATION OF UTILITIES SHOWN IN THE PLANS SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS DESIGNATED BY A TEST HOLE. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR OR COORDINATE WITH UTILITY OWNERS TO REPAIR ANY DAMAGES DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.

THE CONTRACTOR SHALL NOT STORE ANY MATERIALS OR EQUIPMENT WITHIN 15 FT OF THE EDGE OF TRAVEL WAY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMISSION TO STORE EQUIPMENT ON ADJACENT PROPERTIES.

PIPE LENGTHS THAT ARE SHOWN ON THE PLANS ARE ROUNDED TO THE NEAREST 4' INCREMENT AND CALCULATED ALONG THE PIPE SLOPE FROM CENTER OF BOX TO CENTER OF BOX. FIELD ADJUSTMENTS OF THE ACTUAL PIPE LENGTHS MAY BE NECESSARY.

ANY COSTS ASSOCIATED WITH REMOVING EXISTING PIPE SHALL BE INCLUDED IN THE COST OF PLACING NEW PIPE.

FINAL SURFACE COURSE ON ALL ROADWAYS SHALL NOT BE PLACED UNTIL ALL DRAINAGE AND CURB AND GUTTER INSTALLATIONS ARE COMPLETE.

THE CONTRACTOR SHALL PROVIDE AND MAINTAIN PROPER DEWATERING PROCEDURES TO PREVENT THE FLOW AND ACCUMULATION OF SURFACE AND GROUND WATER IN EXCAVATED AREAS. DEWATERING BAGS ARE TO BE USED AS NEEDED, AND ARE TO BE DESIGNED ACCORDING TO SC-M-815-15. ALL OF THE WATER PUMPED OR DRAINED SHALL BE DISPOSED OF WITHOUT UNDUE INTERFERENCE WITH OTHER WORK OR DAMAGE TO PAVEMENTS AND OTHER SURFACES OR PROPERTY. DISCHARGED WATER FROM ALL DEWATERING OPERATIONS SHALL BE FILTERED IN ACCORDANCE WITH SCDHEC OR OCRM REGULATIONS OR AS APPROVED BY THE ENGINEER. A PLAN FOR DEWATERING SHALL BE SUBMITTED TO THE RESIDENT CONSTRUCTION ENGINEER AND OCRM FOR APPROVAL PRIOR TO ANY WORK BEING PERFORMED WHERE DEWATERING IS REQUIRED. ONCE APPROVED AN ADDITIONAL COPY OF THE PLAN SHOULD BE PROVIDED TO GEORGETOWN COUNTY PUBLIC WORKS. DISCHARGED WATER FROM ALL DEWATERING OPERATIONS SHALL NOT ENTER THE IP CANAL.

THE CONTRACTOR SHALL PROVIDE A DETAILED CONTRACTOR'S EROSION CONTROL PLAN TO THE RESIDENT CONSTRUCTION MANAGER FOR APPROVAL PRIOR TO COMMENCING ANY WORK ON THE PROJECT.

THE CONTRACTOR SHALL PROVIDE A DETAILED TRAFFIC CONTROL PLAN TO THE RESIDENT CONSTRUCTION MANAGER FOR APPROVAL BEFORE STARTING ANY WORK ON THE PROJECT. THIS PLAN SHALL INCLUDE DETAILS CONCERNING PLACEMENT OF REFLECTORIZED BARRELS, CONES, AND/OR TYPE 2 BARRICADES IN ACCORDANCE WITH THE 2009 MUTCD.

THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES AND UTILITIES OR TO MINIMIZE TRENCH WIDTH AS REQUIRED. PAYMENT FOR SUCH MEASURES IS INCLUDED IN THE BID PRICE FOR THE ITEM BEING CONSTRUCTED.

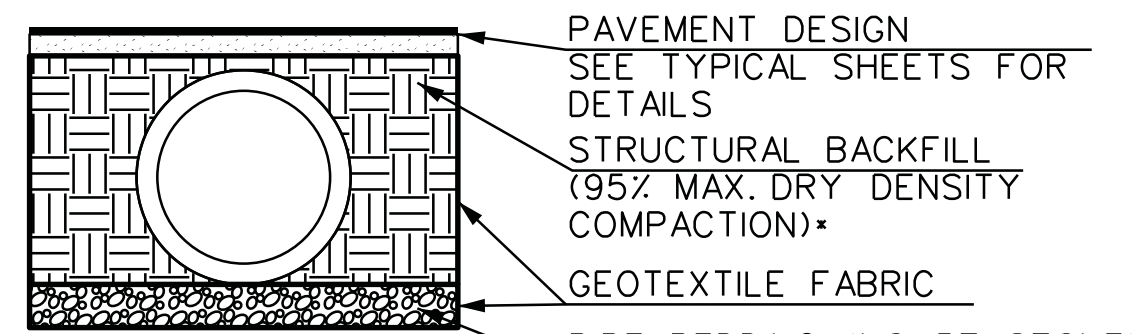
ALL PROPOSED PIPE SHALL BE O-RING PIPE.

WHERE STORM PIPES AND STRUCTURES ARE IDENTIFIED TO BE ABANDONED IN PLACE, THE FOLLOWING PROCEDURES SHALL BE UTILIZED:

- PIPES: PLUG END(S) WITH BRICK AND GROUT.
- STRUCTURES: REMOVE RIM/COVER AND CONE OR TOP SLAB.
- PLUG PIPE OPENINGS WITH BRICK AND GROUT.
- FILL STRUCTURE WITH FLOWABLE FILL TO BOTTOM OF PAVEMENT SECTION.
- TEMPORARY ASPHALT IF NEEDED.

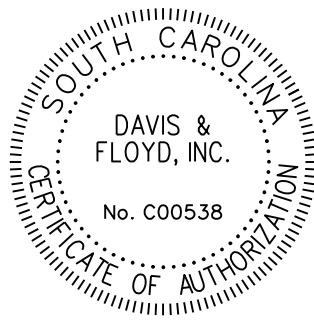
ANY COSTS ASSOCIATED WITH ABANDONING PIPES OR STRUCTURES SHALL BE INCLUDED IN THE COST OF PLACING NEW PIPE OR STRUCTURES ACCORDINGLY.

CROSSLINE PIPE INSTALLATION TYPICAL SECTION AT APPROXIMATE STATIONS 126+61, 129+35, 129+75, 139+75 AND 140+35 (NOT TO SCALE)



- SEE PLANS FOR LOCATIONS OF CROSSLINE PIPES
- GEOTEXTILE FABRIC TO BE INCLUDED IN QUANTITY FOR *57 STONE

THE CONTRACTOR SHALL NOTIFY PROPERTY OWNERS WITH SUFFICIENT ADVANCE OF THE ROAD CLOSURE TO INSTALL THE PIPE CROSSINGS. PROVIDE TEMPORARY ROAD CLOSURE SIGNAGE FOR PIPE CROSSING CONSTRUCTION



DAVIS & FLOYD
SINCE 1954

3229 W. MONTAGUE AVENUE
CHARLESTON, SC 29418
(843) 554-8602

CONSTRUCTION PLANS

| FED. ROAD DIST. NO. | STATE | COUNTY | D&F PROJECT NO. | ROAD NAME | ROUTE NO. | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|------------|-----------------|---------------|-----------|-----------|--------------|
| 3 | S.C. | GEORGETOWN | 31811.01 | BRICK CHIMNEY | | 5 | |

CONCRETE TRUCK WASHOUT:

DO NOT DISPOSE OF TRUCK WASHOUT WATER BY DUMPING INTO A SANITARY SEWER, STORM DRAIN, OR ONTO SOIL OR PAVEMENT THAT CARRIES STORM WATER RUNOFF. THE WASHOUT FROM A CONCRETE TRUCK SHALL BE DISPOSED OF INTO A DESIGNATED AREA THAT WILL LATER BE BACK FILLED, AN AREA WHERE THE CONCRETE WASH CAN HARDEN, BE BROKEN UP, AND THEN DISPOSED OF AS SOLID WASTE, OR A LOCATION WHICH IS NOT SUBJECT TO SURFACE WATER RUNOFF AND MORE THAN 50- FEET AWAY FROM A STORM DRAIN, OPEN DITCH, OR RECEIVING WATER. EXCESS CONCRETE IN CONCRETE PUMP BIN SHALL BE PUMPED BACK INTO CONCRETE MIXER TRUCK. CONCRETE WASHOUT FROM CONCRETE PUMPER BINS SHALL BE WASHED INTO CONCRETE PUMPER TRUCKS AND DISCHARGED INTO DESIGNATED WASHOUT AREA OR PROPERLY DISPOSED OFF SITE. MONITORING SHALL OCCUR THROUGHOUT THE DURATION TO THE CONSTRUCTION PROJECT TO ENSURE APPROPRIATE PRACTICES ARE BEING IMPLEMENTED. INSPECT WASHOUT SUMP REGULARLY AND REMOVE LIQUIDS AND SEDIMENT AS NEEDED. UNLESS THE DRIVEWAY IS LABELED, THE STANDARD DRIVEWAY RADIUS IS 15'. THIS MAY BE MODIFIED PER DIRECTION OF THE ENGINEER TO FIT FIELD CONDITIONS.

THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS SHOWN ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING CONSTRUCTION.

THE ENGINEER RESERVES THE RIGHT TO ADJUST THE LOCATION OF ALL PROPOSED IMPROVEMENTS TO MEET FIELD CONDITIONS IF NECESSARY.

STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.

ALL DISTURBED AREAS SHALL BE SEEDED AFTER GRADING IS COMPLETE OR WITHIN 7 DAYS AFTER WORK STOPS IN AN AREA UNLESS WORK IS TO RESUME IN THAT AREA IN LESS THAN 21 DAYS.

NOTE:

- IF A SIGN MARKED TO BE RELOCATED IS DAMAGED BY THE CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE FOR REPLACING THE SIGN.
- CONTRACTOR IS TO SAW-CUT CONNECTIONS TO EXISTING ROADWAYS AND/OR DRIVEWAYS WHERE APPLICABLE.
- SEE THE FOLLOWING SCDOT STANDARD DRAWINGS FOR DETAILS:

| | |
|------------|---------------------------------------|
| 625-305-00 | PAVEMENT MARKINGS |
| 651-110-00 | FLAT SHEET SIGN MOUNTING |
| 719-610-00 | END TREATMENT (RCP BEVELED END) |
| 802-405-00 | PIPE UNDERDRAIN (PLANTED MEDIAN) |
| 805-115-11 | TYPE MT3 LEADING END TREATMENT (TL3) |
| 805-115-11 | TYPE MT2 LEADING END TREATMENT (TL2) |
| 805-215-00 | MGS3 GUARDRAIL AT COMPRESSED SHOULDER |
| 805-635-00 | PREMASH TYPE-B TRAILING END TREATMENT |

PERMANENT CONSTRUCTION SIGNS:

CONSTRUCTION SIGN SETS SHALL BE PLACED AT BEGINNING OF CONSTRUCTION ON BRICK CHIMNEY RD, AT BEGINNING OF CONSTRUCTION ON JOHNSON RD, AND AT BOTH BEGINNING AND END OF CONSTRUCTION ON BROWNS FERRY RD. DISCRETION SHOULD BE USED IN PLACEMENT OF THE SIGNS, NO SIGHTLINES FROM ROADWAYS OR DRIVEWAYS SHOULD BE AFFECTED BY THE PLACEMENT OF THE SIGNS. FOR ADDITIONAL INFORMATION AND REQUIREMENTS FOR PERMANENT CONSTRUCTION SIGNS, SEE SCDOT STANDARD DRAWING 605-010-01.

INCLUSION ITEMS

| DESCRIPTION | UNIT | QUANTITY | DESCRIPTION |
|---|------|----------|------------------------------------|
| MOBILIZATION | LS | NEC | PER CONTRACT DOCUMENTS |
| BONDS AND INSURANCE | LS | 1 | PER CONTRACT DOCUMENTS |
| CONSTRUCTION STAKES, LINES & GRADES | EA | 1 | PER CONTRACT DOCUMENTS |
| TRAFFIC CONTROL | LS | NEC | PER CONTRACT DOCUMENTS |
| AS-BUILT CONSTRUCTION PLANS | LS | 1 | PER CONTRACT DOCUMENTS |
| CLEARING & GRUBBING WITHIN ROADWAY | LS | NEC | FOR ALL AREAS WITHIN ROADWAY |
| UNCLASSIFIED EXCAVATION | CY | 2215 | FOR STRIPPING |
| BORROW EXCAVATION | CY | 2880 | FILL FOR STRIPPING |
| MUCK EXCAVATION | CY | 26255 | FOR MUCKING |
| GEOTEXTILE FOR SEPARATION OF SUBGRADE&SUBBASE/BASE CR | SY | 26255 | FOR MUCKING AREAS |
| FINE GRADING | LS | NEC | WHERE DIRECTED BY THE ENGINEER |
| MAINTENANCE STONE | TON | 100.00 | WHERE DIRECTED BY THE ENGINEER |
| FULL DEPTH ASPH. PAV. PATCHING 8" UNIF | SY | 1000 | WHERE DIRECTED BY THE ENGINEER |
| MILLING EXISTING ASPHALT PAVEMENT 2.0" | SY | 7657 | WHERE DIRECTED BY THE ENGINEER |
| HOT MIX ASPHALT SURFACE COURSE TYPE C | TON | 484 | FOR BUILDUP OVER EXISTING PAVEMENT |
| 15" RC PIPE CUL.-CLASS III | LF | 390 | WHERE DIRECTED BY THE ENGINEER |
| 18" RC PIPE CUL.-CLASS IV | LF | 260 | WHERE DIRECTED BY THE ENGINEER |
| DROP INLET (24" X 36") | EA | 3 | WHERE DIRECTED BY THE ENGINEER |
| RIGHT OF WAY MARKER(REBAR AND CAP) | EA | 56 | FOR NEW R/W |
| PERMANENT COVER | ACRE | 25.4 | FOR ALL DISTURBED AREAS |
| TEMPORARY COVER | ACRE | 25.4 | FOR ALL DISTURBED AREAS |
| AGRICULTURAL GRANULAR LIME | LB | 50727 | FOR ALL DISTURBED AREAS |
| FERTILIZER (NITROGEN) | LB | 2537 | FOR ALL DISTURBED AREAS |
| FERTILIZER (PHOSPHORIC ACID) | LB | 2537 | FOR ALL DISTURBED AREAS |
| FERTILIZER (POTASH) | LB | 2537 | FOR ALL DISTURBED AREAS |
| SELECTIVE WATERING | GAL | 688607 | FOR ALL DISTURBED AREAS |
| MOWING | ACRE | 102 | FOR ALL DISTURBED AREAS |
| TEMPORARY EROSION CONTROL BLANKET (ECB) | MSY | 33,008 | WHERE DIRECTED BY THE ENGINEER |
| SEDIMENT TUBES FOR DITCH CHECKS | LF | 984 | WHERE DIRECTED BY THE ENGINEER |
| REPLACE/REPAIR SILT FENCE | LF | 1097 | WHERE DIRECTED BY THE ENGINEER |
| DEWATERING BAGS | EA | 5 | AS NEEDED FOR CONSTRUCTION |
| REMOVAL OF SILT RETAINED BY SILT FENCE | LF | 2742 | WHERE DIRECTED BY THE ENGINEER |
| STABILIZED CONSTRUCTION ENTRANCE | SY | 1100 | WHERE DIRECTED BY THE ENGINEER |

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GEORGETOWN COUNTY

GENERAL CONSTRUCTION NOTES

PLOT SIZE = 22" x 34"