

P:\PR57532\SC0100899\Roadway\Sheets\00899\CG001 - Copy.dgn Sheet 4/5/2021 3:21:23 PM kilin

| SHEET NUM. | | | | | | | | | | PART. | ITEM | ITEM EXT | GRAND TOTAL | UNIT | DESCRIPTION | SEE SHEET NO. |
|---|------|--------|----|--|--|--|--|--|--|-----------|---------|----------|-------------|------|--|---------------|
| 11 | 59 | 60 | 69 | | | | | | | 01/STR/BR | | | | | | |
| | | 135.5 | | | | | | | | 135.5 | 630 | 02100 | 135.5 | FT | GROUND MOUNTED SUPPORT, NO. 2 POST | |
| | | 17 | | | | | | | | 17 | 630 | 02101 | 17 | FT | GROUND MOUNTED SUPPORT, NO. 2 POST, AS PER PLAN | 8 |
| | | 29 | | | | | | | | 29 | 630 | 03100 | 29 | FT | GROUND MOUNTED SUPPORT, NO. 3 POST | |
| | | 2 | | | | | | | | 2 | 630 | 08600 | 2 | EACH | SIGN POST REFLECTOR | |
| | | 42 | | | | | | | | 42 | 630 | 80100 | 42 | SF | SIGN, FLAT SHEET | |
| | | 1 | | | | | | | | 1 | 630 | 80500 | 1 | EACH | SIGN, DOUBLE FACED, STREET NAME | |
| | | 13 | | | | | | | | 13 | 630 | 84900 | 13 | EACH | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL | |
| | | 3 | | | | | | | | 3 | 630 | 85100 | 3 | EACH | REMOVAL OF GROUND MOUNTED SIGN AND REERECTION | |
| | | 13 | | | | | | | | 13 | 630 | 86002 | 13 | EACH | REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL | |
| | 0.42 | | | | | | | | | 0.42 | 642 | 00104 | 0.42 | MILE | EDGE LINE, 6", TYPE 1 | |
| | 0.24 | | | | | | | | | 0.24 | 642 | 00300 | 0.24 | MILE | CENTER LINE, TYPE 1 | |
| | 20 | | | | | | | | | 20 | 642 | 00500 | 20 | FT | STOP LINE, TYPE 1, 24" | |
| STRUCTURE REPAIR (SCI-139-11.38) | | | | | | | | | | | | | | | | |
| | | LS | | | | | | | | LS | 202 | 11003 | LS | | STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN | 67 |
| | | 129 | | | | | | | | 129 | 202 | 22900 | 129 | SY | APPROACH SLAB REMOVED | |
| | | 582 | | | | | | | | 582 | 202 | 23500 | 582 | SY | WEARING COURSE REMOVED | |
| | | LS | | | | | | | | LS | 503 | 11101 | LS | | COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN | 67 |
| | | 639 | | | | | | | | 639 | 503 | 21100 | 639 | CY | UNCLASSIFIED EXCAVATION | |
| | | 128 | | | | | | | | 128 | 503 | 31100 | 128 | CY | ROCK EXCAVATION | |
| | | 91,780 | | | | | | | | 91,780 | 509 | 10000 | 91,780 | LB | EPOXY COATED REINFORCING STEEL | |
| | | 12 | | | | | | | | 12 | 510 | 10000 | 12 | EACH | DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT | |
| | | 250 | | | | | | | | 250 | 511 | 32212 | 250 | CY | CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE | |
| | | 2 | | | | | | | | 2 | 511 | 33500 | 2 | EACH | SEMI-INTEGRAL DIAPHRAGM GUIDE | |
| | | 70 | | | | | | | | 70 | 511 | 43212 | 70 | CY | CLASS QC1 CONCRETE WITH QC/QA, PIER | |
| | | 71 | | | | | | | | 71 | 511 | 44112 | 71 | CY | CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING | |
| | | 53 | | | | | | | | 53 | 511 | 46512 | 53 | CY | CLASS QC1 CONCRETE WITH QC/QA, FOOTING | |
| | | 389 | | | | | | | | 389 | 512 | 10100 | 389 | SY | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) | |
| | | 108 | | | | | | | | 108 | 512 | 33000 | 108 | SY | TYPE 2 WATERPROOFING | |
| | | 4 | | | | | | | | 4 | 515 | 15000 | 4 | EACH | DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (52'-8" BEAM LENGTH) | |
| | | 8 | | | | | | | | 8 | 515 | 15000 | 8 | EACH | DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (53'-10" BEAM LENGTH) | |
| | | 9 | | | | | | | | 9 | 515 | 20000 | 9 | EACH | INTERMEDIATE DIAPHRAGMS | |
| | | 49 | | | | | | | | 49 | 516 | 13900 | 49 | SF | 2" PREFORMED EXPANSION JOINT FILLER | |
| | | 98 | | | | | | | | 98 | 516 | 14020 | 98 | FT | SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL | |
| | | 16 | | | | | | | | 16 | 516 | 44100 | 16 | EACH | ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11 1/2 "x14"x2 3/16 ") | |
| | | 8 | | | | | | | | 8 | 516 | 44101 | 8 | EACH | ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12 1/2 "x14"x2 3/16 ") | 90 |
| | | 326 | | | | | | | | 326 | 517 | 70000 | 326 | FT | RAILING (TWIN STEEL TUBE) | |
| | | 49 | | | | | | | | 49 | 518 | 21200 | 49 | CY | POROUS BACKFILL WITH GEOTEXTILE FABRIC | |
| | | 401 | | | | | | | | 401 | SPECIAL | 51822300 | 401 | FT | STEEL DRIP STRIP | 67 |
| | | 109 | | | | | | | | 109 | 518 | 40000 | 109 | FT | 6" PERFORATED CORRUGATED PLASTIC PIPE | |
| | | 91 | | | | | | | | 91 | 518 | 40010 | 91 | FT | 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS | |
| | | 48 | | | | | | | | 48 | 524 | 94705 | 48 | FT | DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN | 67 |
| | | 111 | | | | | | | | 111 | 524 | 94803 | 111 | FT | DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN | 67 |
| | | 48 | | | | | | | | 48 | 524 | 94805 | 48 | FT | DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN | 67 |
| | | 206 | | | | | | | | 206 | 526 | 25010 | 206 | SY | REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") | |
| | | 77 | | | | | | | | 77 | 526 | 90010 | 77 | FT | TYPE A INSTALLATION | |
| | | 456 | | | | | | | | 456 | 840 | 23000 | 456 | CY | SELECT GRANULAR BACKFILL | |
| | | 4 | | | | | | | | 4 | 894 | 10000 | 4 | EACH | THERMAL INTEGRITY PROFILING (TIP) TEST | |
| | | 11 | | | | | | | | 11 | 894 | 10100 | 11 | FT | CONCRETE CORE SAMPLING AND GROUTING | |
| | | 4 | | | | | | | | 4 | 894 | 10200 | 4 | EACH | CONCRETE CORE STRENGTH TEST | |
| MAINTENANCE OF TRAFFIC | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | 80 | 614 | 11110 | 80 | hour | LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE | |
| 1,880 | | | | | | | | | | 1,880 | 614 | 11630 | 1,880 | FT | INCREASED BARRIER DELINEATION | |
| 4 | | | | | | | | | | 4 | 614 | 12338 | 4 | EACH | WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL) | |
| LS | | | | | | | | | | LS | 614 | 12420 | LS | | DETOUR SIGNING | |
| 37 | | | | | | | | | | 37 | 614 | 13310 | 37 | EACH | BARRIER REFLECTOR, TYPE 1, (BIDIRECTIONAL) | |
| 19 | | | | | | | | | | 19 | 614 | 13314 | 19 | EACH | BARRIER REFLECTOR, TYPE 3, (BIDIRECTIONAL) | |
| 56 | | | | | | | | | | 56 | 614 | 13360 | 56 | EACH | OBJECT MARKER, TWO WAY | |
| 0.73 | | | | | | | | | | 0.73 | 614 | 22000 | 0.73 | MILE | WORK ZONE EDGE LINE, CLASS I, 4" | |
| 0.08 | | | | | | | | | | 0.08 | 614 | 22300 | 0.08 | MILE | WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE II | |

GENERAL SUMMARY

SCI-139-11.38

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| ESTIMATED QUANTITIES | | | | | | | CALC'D | DATE | CHK'D | DATE |
|----------------------|-----------|------|--|-----------|--------|-----------|---------|--------|-----------|------|
| ITEM | ITEM EXT. | UNIT | DESCRIPTION | ABUTMENTS | PIERS | SUPERSTR. | GENERAL | TOTAL | SHT. REF. | |
| 202 | 11003 | LS | STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN | LS | LS | LS | LS | LS | 3 / 40 | |
| 202 | 22900 | SY | APPROACH SLAB REMOVED | | | | 129 | 129 | | |
| 202 | 23500 | SY | WEARING COURSE REMOVED | | | | 582 | 582 | | |
| 204 | 30010 | CY | GRANULAR MATERIAL, TYPE B | 33 | | | | 33 | | |
| 503 | 11101 | LS | COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN | LS | | | | LS | 3 / 40 | |
| 503 | 21100 | CY | UNCLASSIFIED EXCAVATION | 639 | | | | 639 | | |
| 503 | 31100 | CY | ROCK EXCAVATION | 128 | | | | 128 | | |
| 509 | 10000 | LB | EPOXY COATED REINFORCING STEEL | 10,757 | 15,497 | 65,526 | | 91,780 | | |
| 510 | 10000 | EACH | DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT | | 12 | | | 12 | | |
| 511 | 32212 | CY | CLASS QC2 CONCRETE WITH QC/QA, SUPERSTRUCTURE | | | 250 | | 250 | | |
| 511 | 33500 | EACH | SEMI-INTEGRAL DIAPHRAGM GUIDE | 2 | | | | 2 | | |
| 511 | 43212 | CY | CLASS QC1 CONCRETE WITH QC/QA, PIER | | 70 | | | 70 | | |
| 511 | 44112 | CY | CLASS QC1 CONCRETE WITH QC/QA, ABUTMENT NOT INCLUDING FOOTING | 71 | | | | 71 | | |
| 511 | 46512 | CY | CLASS QC1 CONCRETE WITH QC/QA, FOOTING | 53 | | | | 53 | | |
| 512 | 10100 | SY | SEALING OF CONCRETE SURFACES (EPOXY-URETHANE) | 102 | | 287 | | 389 | | |
| 512 | 33000 | SY | TYPE 2 WATERPROOFING | 63 | | 45 | | 108 | | |
| 515 | 15000 | EACH | DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (52'-8" BEAM LENGTH) | | | 4 | | 4 | | |
| 515 | 15000 | EACH | DRAPED STRAND PRESTRESSED CONCRETE BRIDGE I-BEAM MEMBERS, LEVEL 3, TYPE 2 (53'-10" BEAM LENGTH) | | | 8 | | 8 | | |
| 515 | 20000 | EACH | INTERMEDIATE DIAPHRAGMS | | | 9 | | 9 | | |
| 516 | 13900 | SF | 2" PREFORMED EXPANSION JOINT FILLER | 49 | | | | 49 | | |
| 516 | 14020 | FT | SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL | 98 | | | | 98 | | |
| 516 | 44101 | EACH | ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE), AS PER PLAN (12 1/2" x 14" x 2 3/16") | 8 | | | | 8 | 26 / 40 | |
| 516 | 44100 | EACH | ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE) (11 1/2" x 14" x 2 3/16") | | 16 | | | 16 | | |
| 517 | 70000 | FT | RAILING (TWIN STEEL TUBE) | | | 326 | | 326 | | |
| 518 | 21200 | CY | POROUS BACKFILL WITH GEOTEXTILE FABRIC | 49 | | | | 49 | | |
| 518 | 40000 | FT | 6" PERFORATED CORRUGATED PLASTIC PIPE | 109 | | | | 109 | | |
| 518 | 40010 | FT | 6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS | 91 | | | | 91 | | |
| 524 | 94705 | FT | DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK, AS PER PLAN | | 48 | | | 48 | 3 / 40 | |
| 524 | 94803 | FT | DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK, AS PER PLAN | 56 | 55 | | | 111 | 3 / 40 | |
| 524 | 94805 | FT | DRILLED SHAFTS, 42" DIAMETER, INTO BEDROCK, AS PER PLAN | 48 | | | | 48 | 3 / 40 | |
| 526 | 25010 | SY | REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=15") | | | 206 | | 206 | | |
| 526 | 90010 | FT | TYPE A INSTALLATION | | | 77 | | 77 | | |
| 601 | 32204 | CY | ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC | | | | 341 | 341 | | |
| 840 | 23000 | CY | SELECT GRANULAR BACKFILL | 456 | | | | 456 | | |
| 863 | 00100 | SY | GEOGRID, TYPE P1 | 2,337 | | | | 2,337 | | |
| 894 | 10000 | EACH | THERMAL INTEGRITY PROFILING (TIP) TEST | 2 | 2 | | | 4 | | |
| 894 | 10100 | FT | CONCRETE CORE SAMPLING AND GROUTING | | 11 | | | 11 | | |
| 894 | 10200 | EACH | CONCRETE CORE STRENGTH TEST | 2 | 2 | | | 4 | | |
| SPECIAL | 51822300 | FT | SPECIAL - STEEL DRIP STRIP | | | 401 | | 401 | | |

BURGESS & NIPLÉ
 Engineers ■ Architects ■ Planners
 5085 REED ROAD, COLUMBUS, OHIO 43220

DATE 4/14/20
 REVIEWED MAK
 STRUCTURE FILE NUMBER 7303816

DRAWN BDE/AAA
 REVISIONS
 DESIGNED BDE
 CHECKED JHL

ESTIMATED QUANTITIES
 SCI-139-1138
 OVER ROCKY FORK CREEK

SCI-139-11.38
 PID No. 100891

5 / 40

69
 108