| DESIGN | | |
|---|---|---|
| INT. | DATE | REASON |

| PLOTS & CHECKS | | | |
|---|---|---|---|
| INT. | DATE | NO. | REASON |

| CHECKS | | |
|---|---|---|
| INT. | DATE | REASON |

## SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | 80% FED. 20% STATE ROADWAY 0004 | 100% CITY CITY 0021 | 80% FED 20% STATE TRAINEES 0042 | 80% FED 20% STATE BRIDGE 0011 |
|---|---|---|---|---|---|---|---|
| 48101200 | AGGREGATE SHOULDERS, TYPE B | TON | 64 | 64 | | | |
| 48101500 | AGGREGATE SHOULDERS, TYPE B 6" | SQ YD | 58,999 | 58,999 | | | |
| 48203023 | HOT-MIX ASPHALT SHOULDERS 6 1/2" | SQ YD | 33,983 | 33,983 | | | |
| 48203029 | HOT-MIX ASPHALT SHOULDERS 8" | SQ YD | 3,857 | 3,857 | | | |
| 48203037 | HOT-MIX ASPHALT SHOULDERS 10" | SQ YD | 716 | 716 | | | |
| 50100100 | REMOVAL OF EXISTING STRUCTURES | EACH | 1 | | | | 1 |
| 50100300 | REMOVAL OF EXISTING STRUCTURES NO. 1 | EACH | 1 | 1 | | | |
| 50100400 | REMOVAL OF EXISTING STRUCTURES NO. 2 | EACH | 1 | 1 | | | |
| 50100500 | REMOVAL OF EXISTING STRUCTURES NO. 3 | EACH | 1 | 1 | | | |
| 50100600 | REMOVAL OF EXISTING STRUCTURES NO. 4 | EACH | 1 | 1 | | | |
| 50100700 | REMOVAL OF EXISTING STRUCTURES NO. 5 | EACH | 1 | 1 | | | |
| 50100800 | REMOVAL OF EXISTING STRUCTURES NO. 6 | EACH | 1 | 1 | | | |
| 50101000 | REMOVAL OF EXISTING STRUCTURES NO. 8 | EACH | 1 | 1 | | | |
| 50101100 | REMOVAL OF EXISTING STRUCTURES NO. 9 | EACH | 1 | 1 | | | |
| 50101300 | REMOVAL OF EXISTING STRUCTURES NO. 11 | EACH | 1 | 1 | | | |
| 50101400 | REMOVAL OF EXISTING STRUCTURES NO. 12 | EACH | 1 | 1 | | | |
| 50101410 | REMOVAL OF EXISTING STRUCTURES NO. 13 | EACH | 1 | 1 | | | |
| 50101415 | REMOVAL OF EXISTING STRUCTURES NO. 14 | EACH | 1 | 1 | | | |
| 50101420 | REMOVAL OF EXISTING STRUCTURES NO. 15 | EACH | 1 | 1 | | | |
| 50101421 | REMOVAL OF EXISTING STRUCTURES NO. 16 | EACH | 1 | 1 | | | |
| 50101422 | REMOVAL OF EXISTING STRUCTURES NO. 17 | EACH | 1 | 1 | | | |
| 50101423 | REMOVAL OF EXISTING STRUCTURES NO. 18 | EACH | 1 | 1 | | | |
| 50101424 | REMOVAL OF EXISTING STRUCTURES NO. 19 | EACH | 1 | 1 | | | |
| 50101425 | REMOVAL OF EXISTING STRUCTURES NO. 20 | EACH | 1 | 1 | | | |
| 50101426 | REMOVAL OF EXISTING STRUCTURES NO. 21 | EACH | 1 | 1 | | | |
| 50101427 | REMOVAL OF EXISTING STRUCTURES NO. 22 | EACH | 1 | 1 | | | |
| 50102400 | CONCRETE REMOVAL | CU YD | 11.7 | 11.7 | | | |
| 50104400 | CONCRETE HEADWALL REMOVAL | EACH | 7 | 7 | | | |
| 50105220 | PIPE CULVERT REMOVAL | FOOT | 3,183 | 3,183 | | | |
| 50200100 | STRUCTURE EXCAVATION | CU YD | 500 | 300 | | | 200 |
| 50200400 | ROCK EXCAVATION FOR STRUCTURES | CU YD | 93 | 93 | | | |
| 50200450 | REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES | CU YD | 51 | 51 | | | |
| 50300100 | FLOOR DRAINS | EACH | 10 | | | | 10 |
| 50300225 | CONCRETE STRUCTURES | CU YD | 39.6 | | | | 39.6 |
| 50300255 | CONCRETE SUPERSTRUCTURES | CU YD | 147.9 | | | | 147.9 |
| 50300260 | BRIDGE DECK GROOVING | SQ YD | 381 | | | | 381 |
| 50300300 | PROTECTIVE COAT | SQ YD | 477 | | | | 477 |
| 50500105 | FURNISHING AND ERECTING STRUCTURAL STEEL | L SUM | 1 | | | | 1 |
| 50500505 | STUD SHEAR CONNECTORS | EACH | 1,827 | | | | 1,827 |
| 50800105 | REINFORCEMENT BARS | POUND | 52,574 | 52,574 | | | |
| 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 32,580 | | | | 32,580 |
| 50800515 | BAR SPLICERS | EACH | 419 | 48 | | | 371 |
| 51201600 | FURNISHING STEEL PILES HP 12 X 53 | FOOT | 871 | | | | 871 |
| 51202305 | DRIVING PILES | FOOT | 871 | | | | 871 |
| 51203600 | TEST PILE STEEL HP 12 X 53 | EACH | 1 | | | | 1 |
| 51204650 | PILE SHOES | EACH | 14 | | | | 14 |
| 51500100 | NAME PLATES | EACH | 2 | 1 | | | 1 |
| 54000175 | BOX CULVERT END SECTION, CULVERT NO. 75 | EACH | 2 | 2 | | | |
| 54001001 | BOX CULVERT END SECTION, CULVERT NO. 1 | EACH | 2 | 2 | | | |
| 54001004 | BOX CULVERT END SECTION, CULVERT NO. 4 | EACH | 2 | 2 | | | |
| 54001007 | BOX CULVERT END SECTION, CULVERT NO. 7 | EACH | 2 | 2 | | | |
| 54001009 | BOX CULVERT END SECTION, CULVERT NO. 9 | EACH | 2 | 2 | | | |

## SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY | 80% FED 20% STATE ROADWAY 0004 | 100% CITY CITY 0021 | 80% FED 20% STATE TRAINEES 0042 | 80% FED. 20% STATE BRIDGE 0011 |
|---|---|---|---|---|---|---|---|
| 54001011 | BOX CULVERT END SECTION, CULVERT NO. 11 | EACH | 2 | 2 | | | |
| 54001016 | BOX CULVERT END SECTION, CULVERT NO. 16 | EACH | 2 | 2 | | | |
| 54001043 | BOX CULVERT END SECTION, CULVERT NO. 43 | EACH | 2 | 2 | | | |
| 54001044 | BOX CULVERT END SECTION, CULVERT NO. 44 | EACH | 2 | 2 | | | |
| 54002020 | EXPANSION BOLTS 3/4 INCH | EACH | 288 | 288 | | | |
| 54003000 | CONCRETE BOX CULVERTS | CU YD | 213.2 | 213.2 | | | |
| 54010202 | PRECAST CONCRETE BOX CULVERT 2' X 2' | FOOT | 54 | 54 | | | |
| 54010302 | PRECAST CONCRETE BOX CULVERT 3' X 2' | FOOT | 235 | 235 | | | |
| 54010402 | PRECAST CONCRETE BOX CULVERT 4' X 2' | FOOT | 76 | 76 | | | |
| 54011208 | PRECAST CONCRETE BOX CULVERTS 12' X 8' | FOOT | 60 | 60 | | | |
| 542A0220 | PIPE CULVERTS, CLASS A, TYPE 1 15" | FOOT | 364 | 364 | | | |
| 542A0223 | PIPE CULVERTS, CLASS A, TYPE 1 18" | FOOT | 134 | 134 | | | |
| 542A0229 | PIPE CULVERTS, CLASS A, TYPE 1 24" | FOOT | 1,296 | 1,296 | | | |
| 542A0235 | PIPE CULVERTS, CLASS A, TYPE 1 30" | FOOT | 84 | 84 | | | |
| 542A0253 | PIPE CULVERTS, CLASS A, TYPE 1 48" | FOOT | 48 | 48 | | | |
| 542A1063 | PIPE CULVERTS, CLASS A, TYPE 2 18" | FOOT | 96 | 96 | | | |
| 542A5473 | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18" | FOOT | 46 | 46 | | | |
| 542A5479 | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24" | FOOT | 612 | 612 | | | |
| 542A5485 | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 30" | FOOT | 44 | 44 | | | |
| 542A5491 | PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36" | FOOT | 260 | 260 | | | |
| 542D0217 | PIPE CULVERTS, CLASS D, TYPE 1 12" | FOOT | 40 | 40 | | | |
| 542D0220 | PIPE CULVERTS, CLASS D, TYPE 1 15" | FOOT | 264 | 264 | | | |
| 542D0223 | PIPE CULVERTS, CLASS D, TYPE 1 18" | FOOT | 376 | 376 | | | |
| 542D0229 | PIPE CULVERTS, CLASS D, TYPE 1 24" | FOOT | 376 | 376 | | | |
| 542D5479 | PIPE CULVERTS, CLASS D, TYPE 1 EQUIVALENT ROUND-SIZE 24" | FOOT | 152 | 152 | | | |
| 542JA012 | PIPE CULVERTS, CLASS A 12" (JACKED) | FOOT | 77 | 77 | | | |
| 542JA024 | PIPE CULVERTS, CLASS A 24" (JACKED) | FOOT | 364 | 364 | | | |
| 542D018 | PIPE CULVERTS, CLASS D, TYPE 1, 18" (TEMPORARY) | FOOT | 85 | 85 | | | |
| 54213450 | END SECTIONS 15" | EACH | 14 | 14 | | | |
| 54213453 | END SECTIONS 18" | EACH | 14 | 14 | | | |
| 54213459 | END SECTIONS 24" | EACH | 17 | 17 | | | |
| 54213657 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12" | EACH | 4 | 4 | | | |
| 54213660 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15" | EACH | 17 | 17 | | | |
| 54213663 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18" | EACH | 4 | 4 | | | |
| 54213669 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24" | EACH | 42 | 42 | | | |
| 54213675 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30" | EACH | 4 | 4 | | | |
| 54213681 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36" | EACH | 1 | 1 | | | |
| 54213693 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS 48" | EACH | 2 | 2 | | | |
| 54214299 | END SECTIONS, EQUIVALENT ROUND-SIZE 24" | EACH | 2 | 2 | | | |
| 54214503 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - EQUIVALENT ROUND-SIZE 18" | EACH | 2 | 2 | | | |
| 54214509 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - EQUIVALENT ROUND-SIZE 24" | EACH | 20 | 20 | | | |
| 54214515 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - EQUIVALENT ROUND-SIZE 30" | EACH | 2 | 2 | | | |
| 54214521 | PRECAST REINFORCED CONCRETE FLARED END SECTIONS - EQUIVALENT ROUND-SIZE 36" | EACH | 6 | 6 | | | |
| 54215553 | METAL END SECTIONS, 18" | EACH | 2 | 2 | | | |
| 54216555 | REINFORCED CONCRETE PIPE TEE, 15" PIPE WITH 15" RISER | EACH | 1 | 1 | | | |
| 54216580 | REINFORCED CONCRETE PIPE TEE, 30" PIPE WITH 15" RISER | EACH | 1 | 1 | | | |
| 54216597 | REINFORCED CONCRETE PIPE TEE, 36" PIPE WITH 15" RISER | EACH | 1 | 1 | | | |
| 54247150 | GRATING FOR CONCRETE FLARED END SECTION 30" | EACH | 2 | 2 | | | |
| 54247190 | GRATING FOR CONCRETE FLARED END SECTION 48" | EACH | 2 | 2 | | | |
| 54248160 | GRATING FOR CONCRETE FLARED END SECTION EQUIVALENT ROUND-SIZE 36" | EACH | 4 | 4 | | | |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 95 | * | JASPER | 545 | 6 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

*(5,6)Y,RS-2,6BR-7
CONTRACT NO. 94437

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

FAP ROUTE 95 (IL RTE. 33)
SECTION (5,6)Y,RS-2,6BR-7
JASPER COUNTY

SCALE: VERT. HORIZ.
DATE: 09/16/02

DRAWN BY: BISHOP
DESIGNED BY: COLBROOK
CHECKED BY: COLBROOK

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
RAIL CONSTRUCTION OFFICE
SPRINGFIELD, ILLINOIS 62707
PROFESSIONAL DESIGN FIRM NO. 184-000879
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 793-5884, (217) 793-5207 (FAX) (MAIL) - mail@greenebradford.com

COMPUTER FILE NO. SUMMARY - 50
PROJECT 01256
4/21/11 - AH

REVISED 2/22/12