



CIVIL ENGINEER

DATE PREPARED
1/26/18

ROUTE STATE
MO

DISTRICT SHEET NO.
SL 4

COUNTY
JEFFERSON

JOB NO.
129-15

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

| DATE | DESCRIPTION |
|----------|----------------------------|
| 3/9/16 | MoDOT PRELIMINARY APPROVAL |
| 12/5/17 | FINAL R/W PLANS (REV) |
| 12/13/17 | PRELIM PLANS |
| 1/26/18 | PS&E PLANS |
| 5/31/18 | ADDENDUM 2 |

TRANSPORTATION ENGINEERS+PLANNERS

13400 OLIVE BLVD, SUITE 430
ST. LOUIS, MO 63141
(314) 878-6644

450 COTTONWOOD RD, SUITE B
GLEN CARBON, IL 62034
(618) 656-2612
www.cbtraffic.com

SCHEDULE OF QUANTITIES

ROADWAY IMPROVEMENTS
JEFFCO BLVD AND TENBROOK RD
ARNOLD, MISSOURI
CMAQ-5403(668) TIP 6624-16

| LOCATION | PLAN SHEET | REMOVAL OF IMPROVEMENTS (1L SUM) | | | | | | | | | | | | | | COLDMILLING <3" THICK (SQ YDS) | EX UTILITY MH (ATG) (EA) | EX BUSINESS SIGN (TBR&R) (EA) | EX WATER VALVE (ATG) (EA) | EX MAILBOX (TBR&R) (EA) | EX FENCE (TBR) (FT) | PAVEMENT EDGE TREATMENT (FT) | EPOXY COATED TIE BARS (DRILLED & INSTALLED) (LBS) |
|--------------------------|------------|----------------------------------|-------------------|------------------------|------------------------------------|---------------------------------|---------------------------|-------------------------------------|-----------------------|--------------------------|--------------------|------------------------|-------------------------|--------------------|-----------------------|--------------------------------|--------------------------|-------------------------------|---------------------------|-------------------------|---------------------|------------------------------|---------------------------------------------------|
| | | SAWCUT (FT) | CURB REMOVAL (FT) | PAV'T REMOVAL (SQ YDS) | PARKING LOT PAV'T REMOVAL (SQ YDS) | DRIVEWAY PAV'T REMOVAL (SQ YDS) | SIDEWALK REMOVAL (SQ YDS) | DOWELLED ON MEDIAN REMOVAL (SQ YDS) | EX SEWER REMOVAL (FT) | EX INLET/MH REMOVAL (EA) | EX TREE (TBR) (EA) | EX BOLLARDS (TBR) (EA) | EX GUARDRAIL (TBR) (FT) | EX SIGN (TBR) (EA) | REMOVE EX SIGNAL (EA) | | | | | | | | |
| 11+43.09 to 12+50.00 | REM 2 | 227 | 192 | 44 | 243 | | 8 | | | | | | | 1 | | | | | | | 227 | 237 | |
| 100% CITY FUNDING | | 227 | 192 | 44 | 243 | | 8 | | | | | | | 1 | | | | | | | 227 | 237 | |
| 12+50.00 to 13+25.00 | RT REM 2 | 9 | 247 | 17 | 134 | 134 | | | 18 | 1 | | | | | | | | | | | 9 | 10 | |
| 13+25.00 to 14+60.00 | RT REM 1 | 331 | 381 | 46 | | | 31 | | 20 | 2 | 1 | | | | | | | | | 2 | 331 | 345 | |
| 13+75.00 to 14+60.00 | LT REM 1 | 18 | | 6 | | | 76 | | | | | | | | | | | | | | 10 | 18 | |
| 14+60.00 to 14+69.71 | REM 1 | 256 | | 125 | | | | 7 | | | | | | | | | | | | | 10 | 256 | |
| 14+66.00 to 14+28.42 | LT REM 1 | | | | | | | | | | | | | | | | | | | | | | |
| 14+66.00 to 14+35.23 | RT REM 1 | 38 | 24 | | | | 12 | | | | | | | | | | | | | | 38 | 40 | |
| 13+99.85 to 13+15.00 | LT REM 1 | 173 | 42 | 30 | 33 | | | | | | | | | 1 | | | | | | | 173 | 180 | |
| 13+15.00 to 12+94.64 | LT REM 2 | 9 | | 4 | | | | | | | | | | | | | | | | | 9 | 10 | |
| 12+94.64 to 11+54.01 | LT REM 2 | 252 | | | 445 | | | | | | | | | | | | | | | | 252 | 263 | |
| 11+54.01 to 8+70.00 | LT REM 2 | 287 | | 64 | | 121 | | | | | | | | | | | | | | | 287 | 299 | |
| CMAQ FUNDING | | 1373 | 694 | 292 | 612 | 255 | 119 | 112 | 127 | 5 | 1 | 2 | 53 | 6 | 1 | 376 | 2 | 1 | 1 | 1 | 20 | 1373 | 1433 |

| LOCATION | PLAN SHEET | PAVING SCHEDULE | | | | | | | PERMANENT CONCRETE TRAFFIC BARRIER TYPE B (MODIFIED) (FT) |
|--------------------------|------------|------------------------------|---------------------------------|-----------------------|------------------|-----------------------------|-------------------------------------------|------------|-----------------------------------------------------------|
| | | 4" TYPE 5 AGGREGATE (SQ YDS) | 6" TYPE B (INTERGRAL) CURB (FT) | 8" PCC PAV'T (SQ YDS) | TACK COAT (GALS) | BP-1 WEARING SURFACE (TONS) | STAMPED PCC MEDIAN (DOWELLED-ON) (SQ YDS) | | |
| 11+43.09 to 12+50.00 | RT PLN 2 | 151 | 109 | 127 | 15 | 32 | | | |
| 100% CITY FUNDING | | 151 | 109 | 127 | 15 | 32 | | | |
| 12+50.00 to 13+25.00 | RT PLN 2 | 130 | 77 | 113 | 6 | 113 | | | |
| 13+25.00 to 14+60.00 | RT PLN 1 | 232 | 142 | 200 | 10 | 200 | | | |
| 13+75.00 to 14+60.00 | LT PLN 2 | 2 | 18 | 5 | 1 | 5 | | | |
| 14+66.00 to 14+28.42 | LT PLN 2 | | | | | | 31 | | |
| 14+66.00 to 14+35.23 | RT PLN 2 | | | | | | 28 | | |
| 13+99.85 to 13+15.00 | LT PLN 2 | 55 | 15 | 52 | 3 | 52 | | | |
| 13+15.00 to 12+94.64 | LT PLN 1 | 12 | 6 | 11 | 2 | 26 | | | |
| 12+94.64 to 11+50.00 | LT PLN 1 | 144 | 13 | 142 | 8 | 156 | | | |
| 11+50.00 to 8+70.00 | LT PLN 1 | 179 | 113 | 154 | 8 | 154 | | 209 | |
| CMAQ FUNDING | | 754 | 384 | 677 | 38 | 706 | 82 | 209 | |

13
23
1

6
3
18
18

| LOCATION | PLAN SHEET | PEDESTRIAN ACCOMODATION SCHEDULE | | |
|----------------------|------------|----------------------------------|--------------------------|-------------------------|
| | | 4" PCC SIDEWALK (SQ YDS) | CONC CURB RAMPS (SQ YDS) | TRUNCATED DOMES (SQ FT) |
| 13+50.00 to 13+25.00 | RT PLN 2 | 40 | 12 | 39 |
| 13+25.00 to 14+60.00 | RT PLN 1 | 86 | 22 | 19 |
| 13+75.00 to 14+60.00 | LT PLN 2 | 73 | 18 | 30 |
| 14+66.00 to 14+35.23 | RT PLN 2 | | | 21 |
| CMAQ FUNDING | | 199 | 52 | 109 |

| LOCATION | PLAN SHEET | ENTRANCE & PARKING LOT SCHEDULE | | | | | | | | | | | | |
|--------------------------------------------|------------|---------------------------------|---------------------------------|---------------------------------|---------------------|----------------------------|--------------------------------|------------------|--------------------------------|---------------------------------|--------------------------------|------------------|-----------------------------|------------|
| | | 4" TYPE 5 AGGREGATE (SQ YDS) | 6" TYPE A (INTERGRAL) CURB (FT) | 6" TYPE B (INTERGRAL) CURB (FT) | 6" TYPE S CURB (FT) | 8" PAVED APPROACH (SQ YDS) | 6" PCC DRIVEWAY PAV'T (SQ YDS) | TACK COAT (GALS) | 6" BIT. PAV'T MIX (BASE) (TON) | 6" PCC DRIVEWAY GRAVEL (SQ YDS) | COLDMILLING <3" THICK (SQ YDS) | TACK COAT (GALS) | BP-1 WEARING SURFACE (TONS) | |
| 11+43.09 to 12+50 (FOX SCHOOL PARKING LOT) | PLN 2 | 57 | | 113-0 | 113 | | | 13 | 10.6 | | | 113 | 8 | 17 |
| 100% CITY FUNDING | | 57 | | 113-0 | 113 | | | 13 | 10.6 | | | 113 | 8 | 17 |
| 12+50 to 13+25 (FOX SCHOOL PARKING LOT) | PLN 2 | 36 | | 72-0 | 72 | | | 8 | 6.6 | | | | 2 | 5 |
| 13+25 to 15+00 (FOX SCHOOL PARKING LOT) | PLN 2 | 63 | | 122-0 | 122 | | | 14 | 11.8 | | | | 4 | 8 |
| 14+60 to 14+69.71 | PLN 2 | 160 | 55 | | | | | | | 147 | | | | |
| 13+59.67 | ENT 1 | 248 | 24 | | | | | | | 67 | | | 99 | 83.2 |
| 12+45.17, 11+83.08 & CONWAY DR (VACATED) | ENT 2 | 153 | 37 | | | | | | | 154 | | | 61 | 83.2 |
| 11+22.99 | ENT 3 | 30 | | | | | | | | 30 | | | | 13 |
| 9+24.12 | ENT 3 | 25 | | | | | | | | 25 | | | | 50 |
| 9+90.02 | ENT 3 | 44 | | | | | | | | 44 | | | | |
| CMAQ FUNDING | | 759 | 116 | 194-0 | 194-0 | 368 | 99 | 182 | 153.6 | 254.6 | 63 | 498 | 44 | 114 |

| LOCATION | PLAN SHEET | DRAINAGE STRUCTURE | | | | COVER/LID/GRATE/FRAME | | | SEWER CLASS II RCCP | | PVC | | END SECTIONS | |
|---------------------|------------|---------------------------------|------------------------------------|--------------------------|------------------------|-----------------------|-------------|--------------|---------------------|-----------|------------|----------|--------------|--|
| | | PRECAST DROP INLET 3' x 2' (FT) | PRECAST DROP INLET 3' x 2'-6" (FT) | PRECAST 60" MANHOLE (FT) | EX INLET/MH (ATG) (EA) | TYPE 4 (EA) | TYPE T (EA) | TYPE S1 (EA) | 24" (FT) | 30" (FT) | 6" (FT) | 24" (EA) | 9'X6' (EA) | |
| A2 to EX2 | SS1 | | | 5.4 | 1 | | | | 6 | | | | | |
| EX4 to A1 | SS1 | 3.9 | | | 1 | | 1 | | 19 | | | | | |
| B1 | SS1 | | 4.3 | | | | 1 | | | | | | | |
| C1 to C2 | SS2 | 2.4 | | | | | | 1 | | | 55 | | | |
| C2 to OUTLET | SS2 | 3.6 | | | | | 1 | | | | 48 | | | |
| 6x9 RCEP | SS2 | | | | | | | | | | | | 1 | |
| DRIVEWAY | PROF1 | | | | | | | | 32 | | | | 2 | |
| CMAQ FUNDING | | 9.9 | 4.3 | 5.4 | 1 | 2 | 1 | 3 | 32 | 25 | 103 | 2 | 1 | |

| LOCATION | PLAN SHEET | EROSION CONTROL SCHEDULE | | | | | | |
|--------------------------|------------|--------------------------|------------------|-----------------|------------------|-------------------------|----------------------|-----------------------|
| | | SODD (SQ YDS) | SEEDING (SQ YDS) | SILT FENCE (FT) | INLET CHECK (EA) | TYPE I DITCH CHECK (EA) | TREE PROTECTION (EA) | TEMP SEEDING (SQ YDS) |
| 11+43.09 to 12+50.00 | EC2 | 69 | | 108 | | | | 0.02 |
| 100% CITY FUNDING | | 69 | | 108 | | | | 0.1 |
| 12+50.00 to 13+25.00 | RT EC2 | 82 | | 116 | 1 | | | 0.02 |
| 13+25.00 to 14+60.00 | RT EC1 | 206 | | 157 | 2 | | | 0.05 |
| 13+75.00 to 14+60.00 | LT EC1 | 246 | | 876 | 2 | | | 0.06 |
| 13+99.85 to 13+15.00 | LT EC1 | 61 | | | | | | 0.02 |
| 13+15.00 to 12+94.64 | LT EC2 | 2 | | | | | | 0.01 |
| 12+94.64 to 11+50.00 | LT EC2 | 21 | 0.01 | | 2 | | | 0.01 |
| 11+50.00 to 8+70.00 | LT EC2 | 47 | 0.06 | 32 | 1 | 2 | 2 | 0.07 |
| CMAQ FUNDING | | 665 | 0.1 | 1181 | 8 | 2 | 2 | 0.3 |