

| ROUTE NO | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------|--------------------|--------|--------------|-----------|
| FAU 9319 C.H. 2 EXT | 04-00042 -01-WR | MONROE | 24 | 3 |

FEDERAL AID PROJECT
CONTRACT 97275

GENERAL NOTES

EXISTING UTILITIES SHOWN ARE LOCATED FROM SURFACE OBSERVATIONS OR INFORMATION PROVIDED BY THE RESPECTIVE UTILITIES AND MUST BE CONSIDERED APPROXIMATE. THERE MAY BE OTHERS, THE EXACT LOCATION OF WHICH ARE UNKNOWN AND NOT SHOWN. THE CONTRACTOR WILL BE RESPONSIBLE FOR NOTIFYING THE RESPECTIVE UTILITIES BEFORE WORK IS BEGUN. FIELD MARKINGS OF UNDERGROUND UTILITIES MAY BE OBTAINED BY PROVIDING A MINIMUM OF 48 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 1-800-892-0123 OR BY DIRECT CONTACT WITH NON-MEMBERS OF J.U.L.I.E.

ELECTRIC

CITY OF WATERLOO
100 W. 4TH STREET
WATERLOO, ILLINOIS 62298
1-618-939-8600

MONROE COUNTY CO-OP
6132 STATE ROUTE 3
WATERLOO, ILLINOIS 62298
1-618-939-7171

TELEPHONE

HARRISONVILLE TELEPHONE COMPANY
213 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
1-618-939-6112

CABLE TV

CHARTER COMMUNICATIONS
210 WEST DIVISION ST.
MARYVILLE, IL 62062
1-618-345-8003

WATER

CITY OF WATERLOO
100 W. 4TH STREET
WATERLOO, ILLINOIS 62298
1-618-939-8600

FIBER OPTIC

HARRISONVILLE TELEPHONE COMPANY
213 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
1-618-939-6112

GAS

CITY OF WATERLOO
100 W. 4TH STREET
WATERLOO, ILLINOIS 62298
1-618-939-8600

SEWER

CITY OF WATERLOO
100 W. 4TH STREET
WATERLOO, ILLINOIS 62298
1-618-939-8600

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JANUARY 1, 2002 AND THE LATEST SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.

TRAFFIC CONTROL AND PROTECTION AND PROPER BARRICADES SHALL BE MAINTAINED BY THE CONTRACTOR.

USE ALL FLOURESCENT ORANGE CONSTRUCTION SIGNS.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED ON THIS PROJECT.

DITCHES ADJACENT TO EMBANKMENT SHALL BE CONSTRUCTED PRIOR TO STARTING THE CONSTRUCTION OF THE EMBANKMENT FILL.

FORMS FOR COMBINATION CONCRETE CURB AND GUTTER SHALL BE OF METAL ONLY, EXCEPT THAT WOOD FORMS SHALL BE USED ON SHORT RADIUS CURVES.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING MATERIALS.

FULL DEPTH SAW CUT SHALL BE REQUIRED FOR REMOVING PAVEMENT; AT THE EXISTING PAVEMENT OR APPURTENANCE IN PLACE. COST OF SAW CUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR PAVEMENT REMOVAL.

FACTORS USED FOR QUANTITY CALCULATIONS ARE AS FOLLOWS:

- ALL BITUMINOUS CONCRETE - 112.0 LBS/SQ YD PER 1" THICKNESS
- BITUMINOUS MATERIALS (PRIME COAT) OVER AGGREGATE - 0.30 GAL/SQ.YD.
- BITUMINOUS MATERIAL (PRIME COAT) OVER ASPHALT - 0.05 GAL/SQ.YD.
- ALL AGGREGATE - 2.05 TONS/CU.YD.

THE THICKNESS OF THE BITUMINOUS MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS, DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR PLANNING, IMPLEMENTATION AND MAINTENANCE OF EROSION CONTROL IN ACCORDANCE WITH THE I.E.P.A. STANDARD SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION AND AS DIRECTED BY THE ENGINEER.

SIDEWALK APPROX. STA. 19+92 RIGHT TO STA. 35+00 RIGHT SHALL HAVE EARLY COMPLETION. REFER TO SPECIAL PROVISIONS

UNDER NO CIRCUMSTANCES WILL ORGANIC MATERIAL (ORGANIC SILTS, LOW-GRADE PEAT, OR BURIED FORMER TOPSOIL) AS DETERMINED BY THE ENGINEER, BE USED IN THE CONSTRUCTION OF ANY EMBANKMENT.

SIDEWALK TO MATCH DRIVEWAY CROSS SLOPES STA. 22+50 TO STA. 31+43 RIGHT, AND STA. 10+39.44 RIGHT.

REMOVAL OF EXISTING AGGREGATE SHOULDER SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR EARTH EX. MATERIAL MAY BE USED WITHIN EMBANKMENT PER THE STANDARD SPECIFICATIONS.

ACCESS SHALL BE PROVIDED FROM PRIVATE ENTRANCES AT ALL LOCATIONS DURING ALL STAGES. SEE SPECIAL PROVISION "AGGREGATE FOR TEMPORARY ACCESS" EXCEPT THAT CONTRACTOR MAY CLOSE ONE CARE CENTER ENTRANCE AT A TIME TO ALLOW FOR CONCRETE CONSTRUCTION.

ALL SEEDING ON LEFT TO BE CLASS 2, SPECIAL. ALL SEEDING ON RIGHT TO BE CLASS 1, SPECIAL.

CEMENT AGGREGATE MIX MAY BE USED IN LIEU OF PORTLAND CEMENT CONCRETE FOR BASE WIDENING.

A POURED IN PLACE CONCRETE COLLAR, OR APPROVED CONNECTION, BETWEEN WATER MAIN PIPE AND STORM SEWER CL B AT STA. 12+89.89, 22.4' LT, WILL BE REQUIRED. COST OF THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE FOR STORM SEWERS CLASS B TY 1 18".

SALVAGE: MILLINGS, SEE SPECIAL PROVISIONS

MAINLINE SURFACING SUMMARY

| LOCATION STATION - STATION | BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "C", N50 | LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50 | COMBINATION CURB & GUTTER, B6.24 | PORTLAND CEMENT CONCRETE BASE WIDEN. 7" THICK | PCC SIDEWALK 5' WIDE/4" THICK | BITUMINOUS MATERIALS (PRIME COAT), | AGGREGATE (PRIME COAT) | BITUMINOUS SURFACE REMOVAL (BUTT JOINT) | BITUMINOUS SURFACE REMOVAL, 2" | AREA REFLECTIVE CRACK CONTROL |
|-------------------------------|--|---|-------------------------------------|---|----------------------------------|---------------------------------------|---------------------------|---|-----------------------------------|----------------------------------|
| UNIT | TON | TON | LIN. FT. | SQ. YD. | SQ. FT. | GAL | TON | SQ. YD. | SQ. YD. | SQ. YD. |
| LEFT | | | | | | | | | | |
| STA. 8+45.17 TO STA. 11+64.32 | 29.8 | 17.9 | 292 | 25.0 | -- | 21 | 1.0 | -- | 390.0 | -- |
| STA. 11+64.32 TO STA. 35+53 | 222.4 | 133.6 | 2353 | 252.0 | 8959 | 6 | 0.3 | 97.8 | 64.4 | 2903.7 |
| STA. 35+53 TO STA. 39+02.87 | 29.9 | 18.0 | -- | -- | -- | 15 | 0.7 | 97.8 | -- | 332.3 |
| RIGHT | | | | | | | | | | |
| STA. 8+45.17 TO STA. 8+70.07 | 3.5 | 2.1 | -- | -- | -- | 5 | 0.3 | -- | 49.8 | -- |
| STA. 8+70.17 TO 11+75.79 | 32.3 | 19.4 | 221 | 17.0 | 1100 | 15 | 0.7 | -- | 448.0 | -- |
| STA. 11+75.79 TO 19+27.33 | 70.7 | 42.8 | 610 | 72.0 | 3417 | 6 | 0.3 | 97.8 | 50.4 | 811.2 |
| STA. 19+27.33 TO 31+43 | 212.3 | 166.4 | -- | -- | 4189 | 386 | 3.1 | -- | 1226.0 | 1564.7 |
| STA. 31+43 TO STA. 35+00 | 61.0 | 44.3 | -- | -- | 1493 | 90 | 0.7 | -- | 309.5 | 459.5 |
| STA. 35+00 TO 39+02.87 | 60.1 | 24.5 | -- | -- | -- | 61 | 0.5 | 292.1 | 44.9 | 415.6 |
| TOTALS | 722.0 | 469.0 | 3476 | 366.0 | 19158 | 605.0 | 7.6 | 585.5 | 2583.0 | 6487.0 |

EARTHWORK SCHEDULE

| LOCATION | EARTH EXCAVATION (CY) | EARTH EX. FROM STORM SEWER (CY) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CY) | EMBANKMENT (CY) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CY) |
|-----------------------------|-----------------------------|--|--|--------------------|--|
| STA. 8+45.17 TO STA. 11+50 | 52 | 40 | 39 | 69 | -30 |
| STA. 11+50 TO STA. 19+50 | 113 | 183 | 85 | 940 | -855 |
| STA. 19+50 TO STA. 35+00 | 187 | 240 | 140 | 1342 | -1202 |
| STA. 35+00 TO STA. 39+02.87 | 2 | 0 | 2 | 92 | -90 |
| PROJECT TOTALS | 354 | 463 | 613 | 2443 | -1830 |

NOTE: AN ESTIMATED 463 CU. YD. OF ADDITIONAL MATERIAL WILL BE EXCAVATED DURING STORM SEWER INSTALLATION.

SUPERPAVE MIXTURE REQUIREMENTS

| LOCATION(S) | ALL | | |
|--|----------------|-----------------|----------------|
| MIXTURE USE(S) | SURFACE | LEVELING BINDER | INCIDENTAL |
| AC/PG | PG 64-22 | PG 64-22 | PG 64-22 |
| RAP % (MAX) | 15% | 15% | 15% |
| DESIGN AIR VOIDS | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 | 4.0% @ Ndes=50 |
| MIXTURE COMPOSITION (GRADATION MIXTURE) | IL 9.5 | | |
| FRICITION AGGREGATE | MIXTURE C | MIXTURE C | MIXTURE C |

GENERAL NOTES, SCHEDULES
HAMACHER STREET IMPROVEMENTS
SECTION 04-00042-01-WR
CITY OF WATERLOO
MONROE COUNTY, IL

DRAWING FILE: SA-HAMACHER IMPROV-COVERHAM