| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 807 | 00-00374-00-PV | CHAMPAIGN | 149 | 37 |
| STA. 51+50 | TO STA. 56+20 | | | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | F.A. PROJECT M-5181(38) | | |

CONTRACT NO. 91308

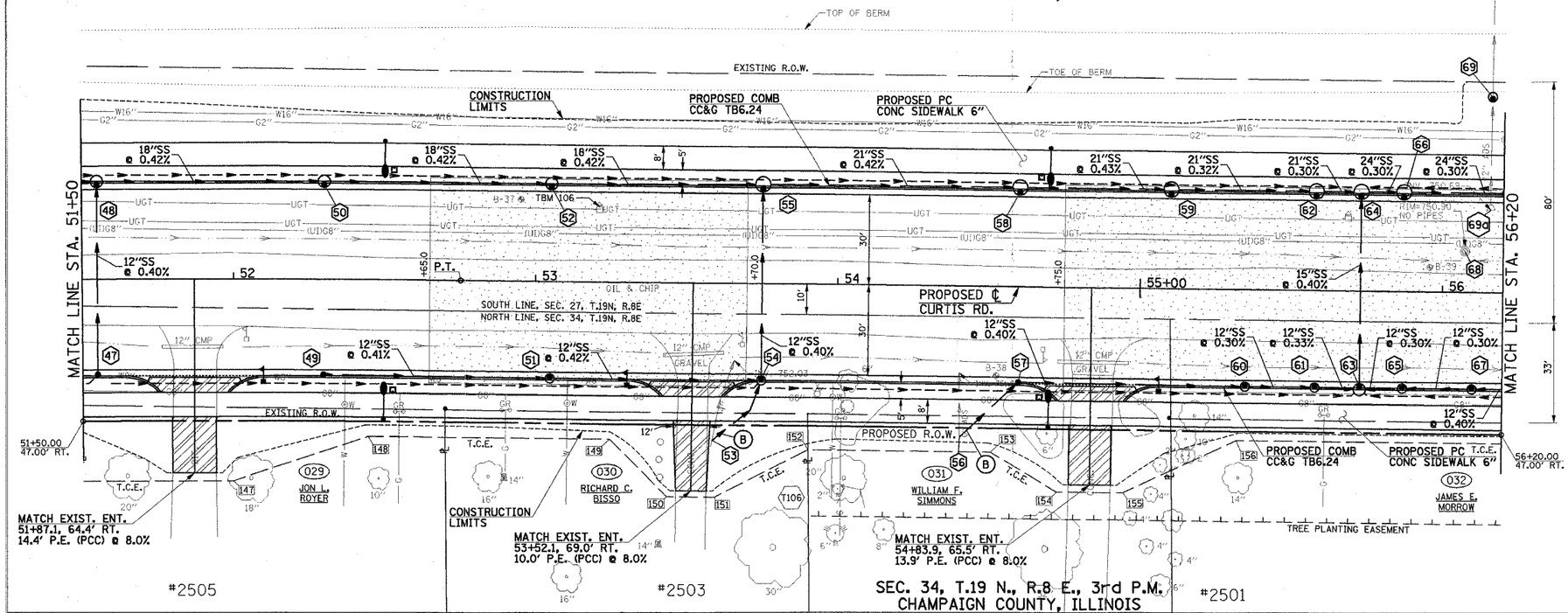
SEE SCHEDULE OF QUANTITIES FOR TYPICAL SECTION PAVEMENT PAY ITEMS AND THEIR LOCATIONS.

SCALE: 1" = 20'

LEGEND

- PROPOSED PCC DRIVEWAY PAVEMENT (SEE DETAIL)
- PROPOSED AGGREGATE SUBGRADE, SPECIAL
- PIPE UNDERDRAINS 6"
- (B) BACKFLOW PREVENTER

SEC. 27, T.19 N., R.8 E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS




SEC. 34, T.19 N., R.8 E., 3rd P.M.
CHAMPAIGN COUNTY, ILLINOIS

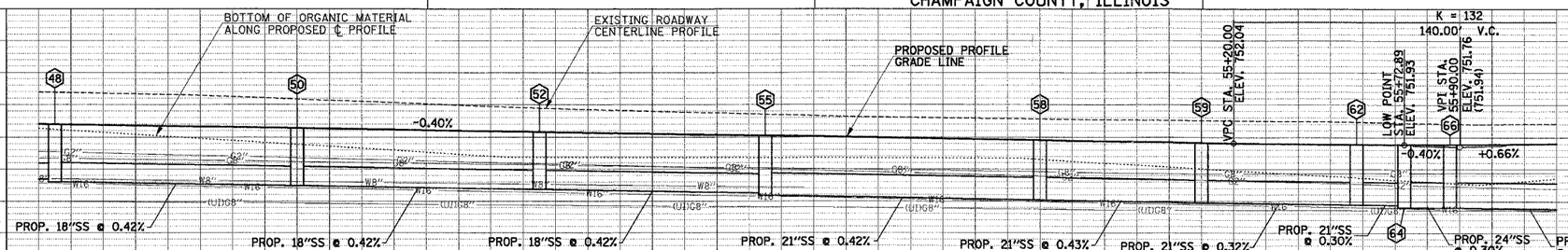
TREE PLANTING EASEMENT
STATIONS AND OFFSETS

| POINT | STATION | LOCATION |
|---|---|---|
| T106 | 53+91.15 | 77.00' RT. |

TEMPORARY CONSTRUCTION EASEMENT
STATIONS AND OFFSETS

| POINT | STATION | LOCATION |
|---|---|---|
| 147 | 52+00.00 | 67.00' RT. |
| 148 | 52+45.00 | 52.00' RT. |
| 149 | 53+25.00 | 52.00' RT. |
| 150 | 53+44.00 | 71.00' RT. |
| 151 | 53+60.00 | 71.00' RT. |
| 152 | 53+90.75 | 55.00' RT. |
| 153 | 54+51.00 | 55.00' RT. |
| 154 | 54+73.00 | 68.00' RT. |
| 155 | 54+95.00 | 68.00' RT. |
| 156 | 55+32.24 | 50.00' RT. |

TBM 106 - R.R. SPIKE, NORTH SIDE OF POWER POLE, ON NORTH SIDE OF CURTIS RD., SECOND POLE EAST FROM MEADOW LANE. STA. 53+21, 24' LT. ELEV. 754.18




STORM SEWER PIPE SCHEDULE

| LOCATION STR. - STR. OR STA., O.S. | STORM SEW CL A 1 12 (FOOT) | STORM SEW CL A 1 15 (FOOT) | STORM SEWCL A 1 18 (FOOT) | STORM SEW CL A 1 21 (FOOT) | STORM SEW CL A 1 24 (FOOT) | PIPE DRAINS 6 (FOOT) | GRADE % | TRENCH BACKFILL (SPECIAL) (CU YD) |
|---|---|---|---|---|---|---|---|---|
| 47 - 48 | 62 | | | | | | 0.40 | 6.1 |
| 48 - 50 | | | 72 | | | | 0.42 | 9.4 |
| 50 - 52 | | | 72 | | | | 0.42 | 9.4 |
| 52 - 55 | | | 66 | | | | 0.42 | 8.6 |
| 49 - 51 | 73 | | | | | | 0.41 | 6.2 |
| 51 - 54 | 67 | | | | | | 0.42 | 5.7 |
| 53 - 54 | | | | | | 30•• | • | 1.7 |
| 54 - 55 | 62 | | | | | | 0.40 | 6.1 |
| 55 - 58 | | | | 81 | | | 0.42 | 11.3 |
| 58 - 59 | | | | 46 | | | 0.43 | 6.4 |
| 59 - 62 | | | | 44 | | | 0.32 | 6.1 |
| 62 - 64 | | | | 11 | | | 0.30 | 1.5 |
| 56 - 57 | | | | | | 30•• | • | 2.2 |
| 57 - 60 | 73 | | | | | | 0.40 | 6.2 |
| 60 - 61 | 20 | | | | | | 0.30 | 1.7 |
| 61 - 63 | 12 | | | | | | 0.33 | 1.0 |
| 63 - 64 | | 62 | | | | | 0.40 | 6.9 |
| 65 - 63 | 12 | | | | | | 0.30 | 1.1 |
| 67 - 65 | 20 | | | | | | 0.30 | 1.7 |
| 70 - 67 | 48 | | | | | | 0.40 | 4.2 |
| 64 - 66 | | | | | 11 | | 0.30 | 1.7 |
| 66 - 71 | | | | | 69 | | 0.30 | 13.2 |

•FIELD DETERMINE. 1.00% DESIRABLE.
••INSTALL BACKFLOW PREVENTER. SEE SPECIAL PROVISIONS.

STORM SEWER STRUCTURE SCHEDULE

| STR. NO. | STRUCTURE TYPE | OFF-SET SIDE | STA. OF C/L 2 FT. OPENING | OFFSET OF C/L 2 FT. OPENING | STA. OF C/L STR. | OFFSET OF C/L STR. | EX. T/O FRAME/ GRATE ELEV. | PR. T/O FRAME/ GRATE ELEV. | PR. T/O FLAT SLAB TOP ELEV. | INVERT IN ELEV. | U.S. STR. NO. | INVERT OUT ELEV. | D.S. STR. NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 47 | INLETS TA T3V F&G | RT | ---- | ---- | 51+55.00 | 31.80 | ----- | 752.96 | ----- | 750.16 | UD | 749.65 | 48 |
| 48 | RD MAN 4 DIA T3V F&G | LT | 51+55.00 | 31.80 | 51+55.00 | 32.80 | ----- | 752.96 | 751.96 | 749.21 | 46 | 749.01 | 50 |
| | | | | | | | | | | 749.41 | 47 | | |
| | | | | | | | | | | 750.16 | UD | | |
| 49 | INLETS TA T3V F&G | RT | ---- | ---- | 52+30.00 | 31.80 | ----- | 752.66 | ---- | ----- | ---- | 749.35 | 51 |
| 50 | RD MAN 4 DIA T3V F&G | LT | 52+30.00 | 31.80 | 52+30.00 | 32.80 | ----- | 752.66 | 751.66 | 748.71 | 48 | 748.71 | 52 |
| 51 | RD INLETS TB T3V F&G | RT | 53+05.00 | 31.80 | 53+05.00 | 32.30 | ----- | 752.36 | 751.36 | 749.05 | 49 | 749.05 | 54 |
| 52 | RD MAN 4 DIA T3V F&G | LT | 53+05.00 | 31.80 | 53+05.00 | 32.80 | ----- | 752.36 | 751.36 | 748.41 | 50 | 748.41 | 55 |
| 53 | •PIPE CONNECTION | RT | ---- | ---- | 53+59 | 52.0 | ----- | ---- | ---- | •752.03 | PIPE | •752.03 | 54 |
| 54 | RD INLETS TB T3V F&G | RT | 53+75.00 | 31.80 | 53+75.00 | 32.30 | ----- | 752.08 | 751.08 | 748.77 | 51 | 748.77 | 55 |
| | | | | | | | | | | 749.28 | UD | | |
| | | | | | | | | | | 750.08 | 53 | | |
| 55 | RD MAN 5 DIA T3V F&G | LT | 53+75.00 | 31.80 | 53+75.00 | 33.30 | ----- | 752.08 | 751.08 | 748.13 | 52 | 747.93 | 58 |
| | | | | | | | | | | 748.53 | 54 | | |
| | | | | | | | | | | 749.28 | UD | | |
| 56 | ••PIPE CONNECTION | RT | ---- | ---- | 54+40.8 | 50.0 | ---- | ---- | ---- | ••751.53 | PIPE | ••751.53 | 57 |
| 57 | INLETS TA T3V F&G | RT | ---- | ---- | 54+60.00 | 31.80 | ----- | 751.74 | ---- | 749.74 | 56 | 748.43 | 60 |
| 58 | RD MAN 5 DIA T3V F&G | LT | 54+60.00 | 31.80 | 54+60.00 | 33.30 | ----- | 751.74 | 750.74 | 747.59 | 55 | 747.59 | 59 |
| 59 | RD MAN 5 DIA T3V F&G | LT | 55+10.00 | 31.80 | 55+10.00 | 33.30 | ----- | 751.54 | 750.54 | 747.39 | 58 | 747.39 | 62 |
| 60 | RD INLETS TB T3V F&G | RT | 55+35.00 | 31.80 | 55+35.00 | 32.30 | ----- | 751.45 | 750.45 | 748.14 | 57 | 748.14 | 61 |
| 61 | RD INLETS TB T3 F&G | RT | 55+58.00 | 31.80 | 55+58.00 | 32.30 | ----- | 751.40 | 750.40 | 748.08 | 60 | 748.08 | 63 |
| 62 | RD MAN 5 DIA T3 F&G | LT | 55+58.00 | 31.80 | 55+58.00 | 33.30 | ----- | 751.40 | 750.40 | 747.25 | 59 | 747.25 | 64 |
| 63 | RD MAN 4 DIA T3 F&G | RT | 55+72.89 | 31.80 | 55+72.89 | 32.80 | ----- | 751.39 | 750.39 | 748.04 | 61 | 747.84 | 64 |
| | | | | | | | | | | 748.04 | 65 | | |
| | | | | | | | | | | 748.59 | UD(2) | | |
| 64 | RD MAN 5 DIA T3 F&G | LT | 55+72.89 | 31.80 | 55+72.89 | 33.30 | ----- | 751.39 | 750.39 | 747.22 | 62 | 747.02 | 66 |
| | | | | | | | | | | 747.60 | 63 | | |
| | | | | | | | | | | 748.59 | UD(2) | | |
| 65 | RD INLETS TB T3 F&G | RT | 55+87.00 | 31.80 | 55+87.00 | 32.30 | ----- | 751.40 | 750.40 | 748.07 | 67 | 748.07 | 63 |
| 66 | RD MAN 5 DIA T3 F&G | LT | 55+87.00 | 31.80 | 55+87.00 | 33.30 | ----- | 751.40 | 750.40 | 746.99 | 64 | 746.99 | 71 |
| 67 | RD INLETS TB T3V F&G | RT | 56+10.00 | 31.80 | 56+10.00 | 32.30 | ----- | 751.43 | 750.43 | 748.13 | 70 | 748.13 | 65 |
| 68 | REMOVE INLET | LT | ---- | ---- | 56+07.4 | 13.6 | 750.90 | | | | | | |
| 69 | RD INLETS TB T1F CL | LT | 56+16.0 | 64.50 | 56+16.0 | 65.00 | ---- | 754.35 | 753.35 | †750.3 | 69a | | |

•FIELD VERIFY LOCATION AND ELEVATION. EXISTING ELEVATION SHOWN. RECONNECT WITH PROPOSED PIPE TO STRUCTURE 54.
••FIELD VERIFY LOCATION AND ELEVATION. EXISTING ELEVATION SHOWN. RECONNECT WITH PROPOSED PIPE TO STRUCTURE 57.
†FIELD VERIFY LOCATION AND ELEVATION.
UD = INVERT OF 6" UNDERDRAIN

CITY OF CHAMPAIGN SECTION NO. 00-00374-00-PV CHAMPAIGN COUNTY

SHEET 37 OF 149 SHEETS C01330

P:\C01330\GEOPAK\2DFILES\PP07CURTIS.DGN