

PRELIMINARY RESULTS

| | | |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| CAMPBELL | 6-8105.00 | RI |

Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT

NKU CONNECTOR ROAD AA HIGHWAY TO JOHNS HILL ROAD SECTION 1



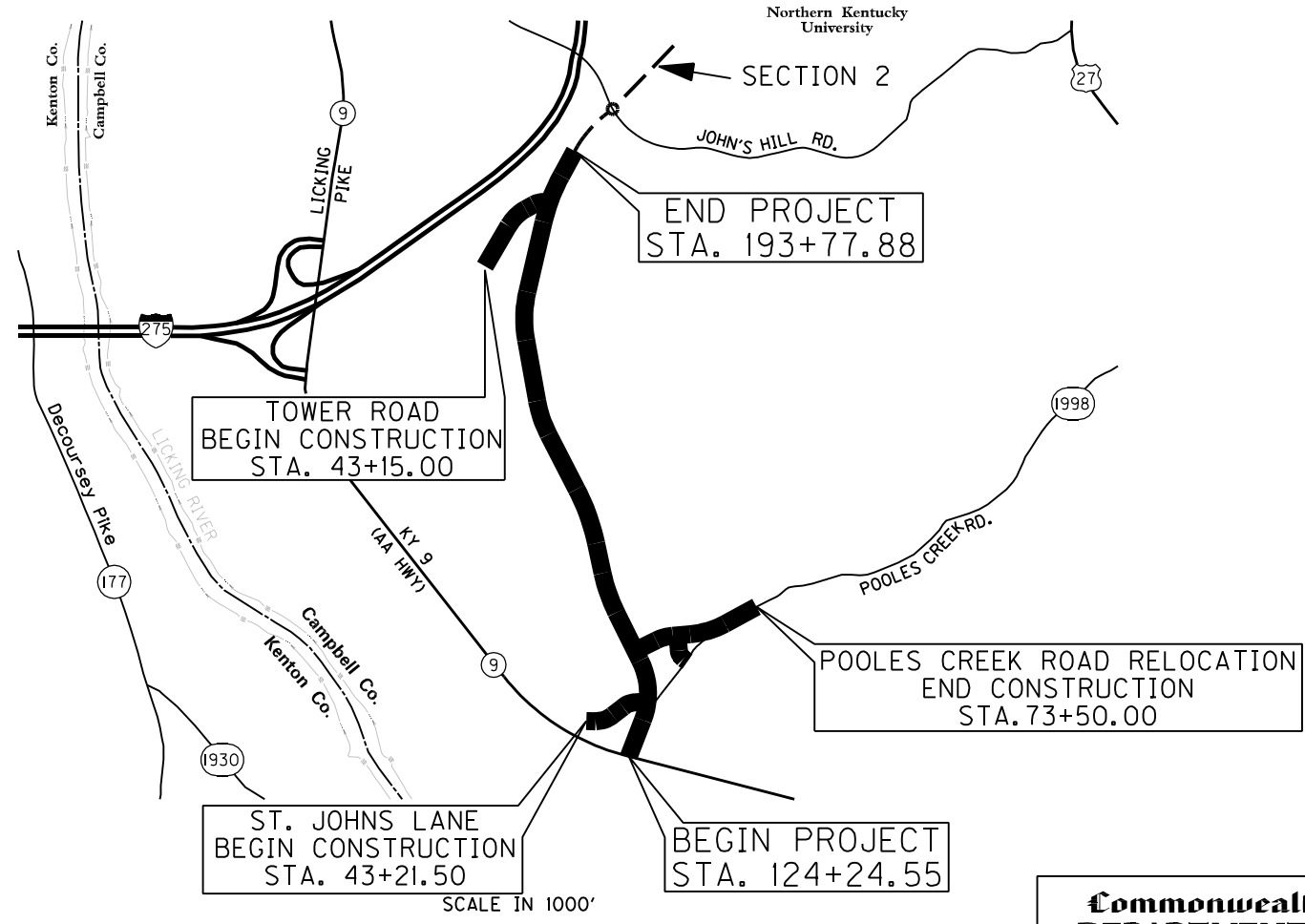
| INDEX OF SHEETS | |
|-----------------|--|
| SHEET NO. | DESCRIPTION |
| R1 | LAYOUT SHEET |
| R2 | TYPICAL SECTIONS-SUMMARY OF QUANTITIES |
| R3 - R21 | PLAN AND PROFILE SHEETS |
| | UTILITY REFERENCE SHEETS |
| | RIGHT OF WAY SUMMARY SHEETS |
| | RIGHT OF WAY STRIP MAP SHEETS |
| | DETAIL SHEETS |
| | TRAFFIC CONTROL SHEETS |
| | EROSION CONTROL SHEETS |
| | MITIGATION PLAN SHEETS |
| | COORDINATE CONTROL SHEETS |
| | SOIL PROFILE SHEETS |
| | PIPE DRAINAGE SHEETS |
| S1 | STRUCTURE PLANS |
| T1 | TRAFFIC PLANS |
| U1 | UTILITY RELOCATION PLANS |
| X1 | CROSS SECTION SHEETS |

SHEETS NOT INCLUDED IN TOTAL SHEETS

| STANDARD DRAWINGS | |
|-------------------|-------------|
| NUMBER | DESCRIPTION |
| | |

| | | |
|----------|------|--|
| NO. SETS | DATE | |
| | | |

| | | |
|-------------|--------------------------|--|
| REVIEWED BY | DIVISION OF CONSTRUCTION | |
| | | |



THIS PROJECT IS A PARTIALLY CONTROLLED ACCESS HIGHWAY. ACCESS SHALL BE PROVIDED ONLY WHERE SPECIFICALLY INDICATED ON PLANS.

THESE PLANS ARE FOR GRADE, DRAIN, AND SURFACING

DESIGN CRITERIA

CLASS OF HIGHWAY _____

TYPE OF TERRAIN _____

DESIGN SPEED 45 MPH

REQUIRED NPSD _____

REQUIRED PSD _____

LEVEL OF SERVICE _____

ADT PRESENT () _____

ADT FUTURE () _____

DHV _____

D % _____

T % _____

GEOGRAPHIC COORDINATES

LATITUDE _____ DEGREES _____ MINUTES NORTH

LONGITUDE _____ DEGREES _____ MINUTES WEST

DESIGNED

% RESTRICTED SD _____

LEVEL OF SERVICE _____

MAX. DISTANCE W/O PASSING _____

KY DIG SAFELY

CALL 1-800-752-6007 TOLL FREE A MINIMUM OF TWO AND NO MORE THAN TEN BUSINESS DAYS PRIOR TO EXCAVATION FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES WHICH SUBSCRIBE TO THE KENTUCKY DIG SAFELY SERVICE. COORDINATE EXCAVATION WITH ALL UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO BUD. SHOW ALL UTILITIES AND A CONTACT PERSON FOR EACH COMPANY ON SHEET NO. 3 OF THE PLANS.

SCALE IN 1000'
LAYOUT MAP

| | | | |
|--|--|--|--|
| LENGTH _____ LIN. FT. _____ MILES | LENGTH _____ LIN. FT. _____ MILES | LENGTH _____ LIN. FT. _____ MILES | LENGTH _____ LIN. FT. _____ MILES |
| ADDED _____ FOR EQUALITIES _____ LIN. FT. | ADDED _____ FOR EQUALITIES _____ LIN. FT. | ADDED _____ FOR EQUALITIES _____ LIN. FT. | ADDED _____ FOR EQUALITIES _____ LIN. FT. |
| DEDUCTED _____ NOT INCLUDED _____ LIN. FT. | DEDUCTED _____ NOT INCLUDED _____ LIN. FT. | DEDUCTED _____ NOT INCLUDED _____ LIN. FT. | DEDUCTED _____ NOT INCLUDED _____ LIN. FT. |
| RAILROAD CROSSINGS NO. _____ LIN. FT. | RAILROAD CROSSINGS NO. _____ LIN. FT. | RAILROAD CROSSINGS NO. _____ LIN. FT. | RAILROAD CROSSINGS NO. _____ LIN. FT. |
| BRIDGES _____ LIN. FT. | BRIDGES _____ LIN. FT. | BRIDGES _____ LIN. FT. | BRIDGES _____ LIN. FT. |

**Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
CAMPBELL**

ITEM NO. 6-8105.00

PROJECT NUMBER: _____

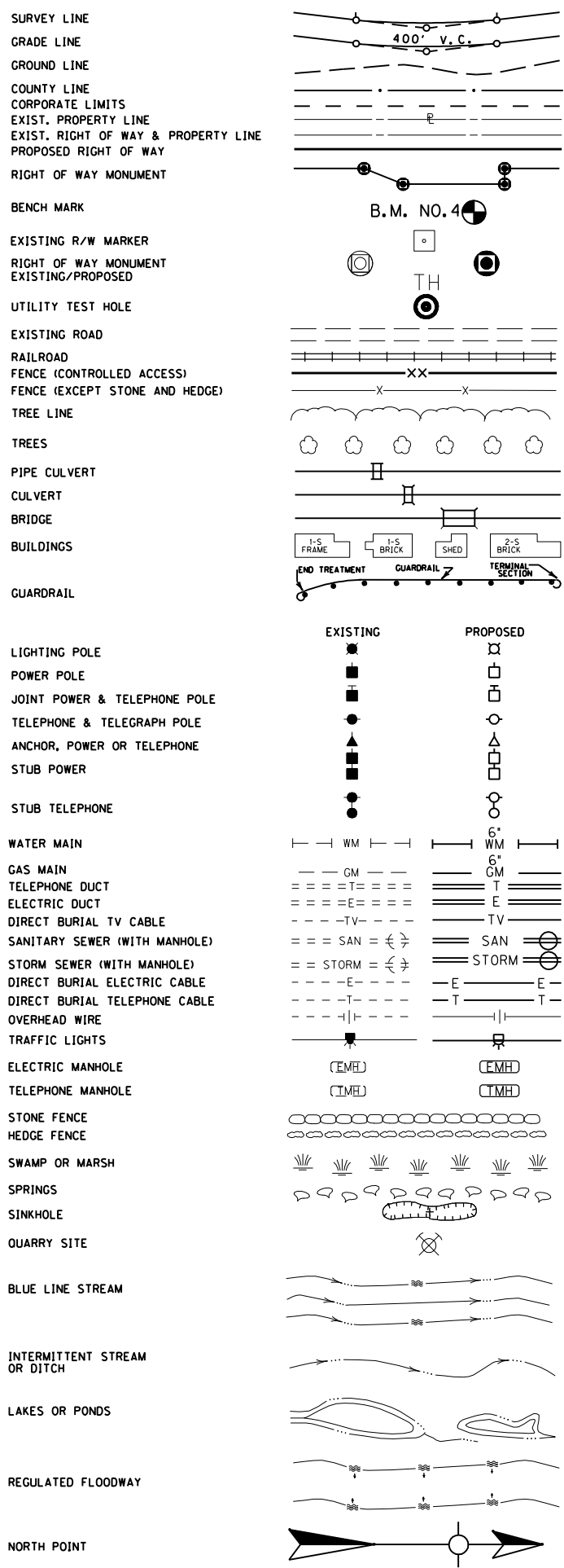
LETTING DATE: _____

RECOMMENDED BY: _____ PROJECT MANAGER DATE: _____

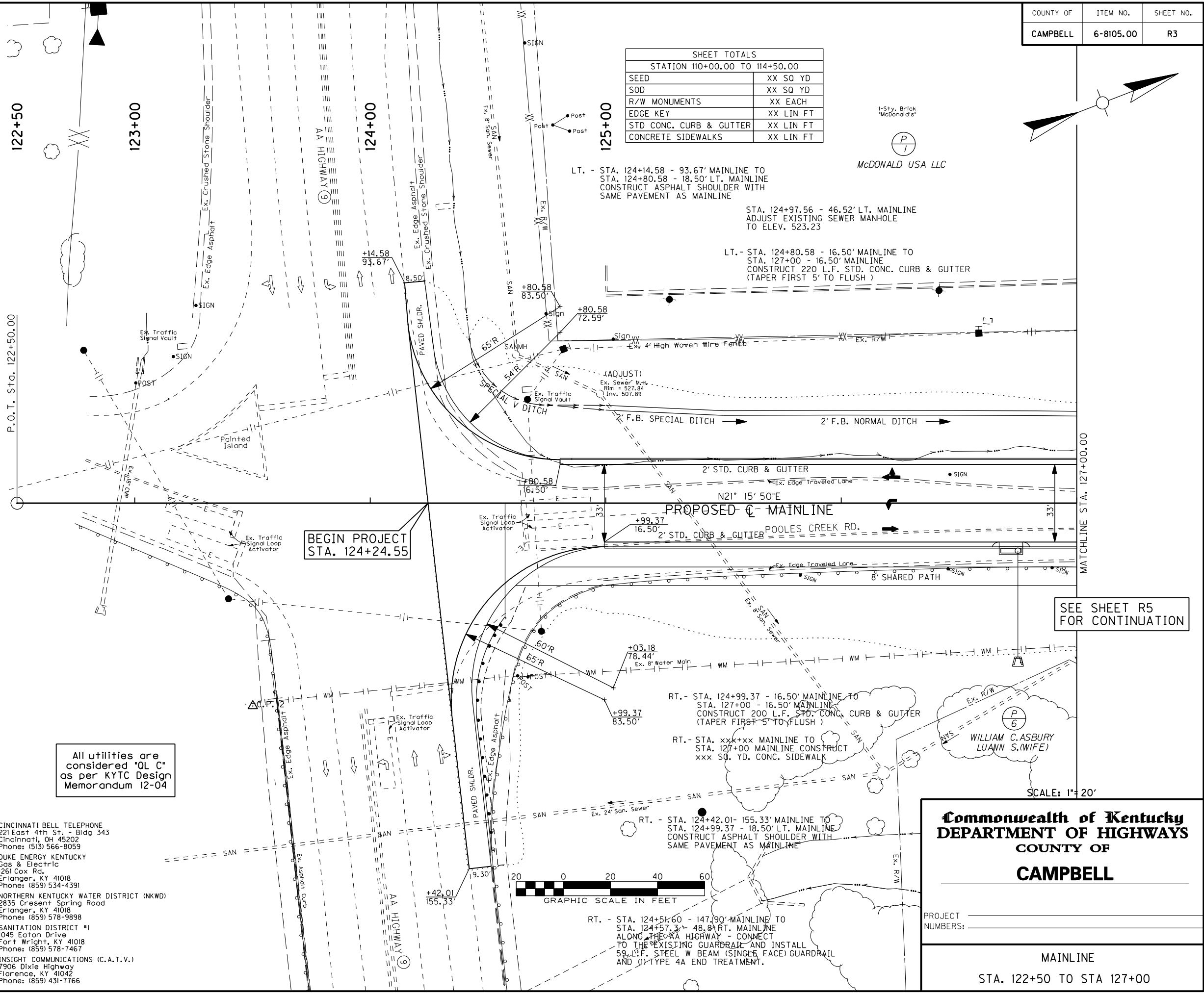
PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER DATE: _____

DRAFT

CONVENTIONAL SIGNS



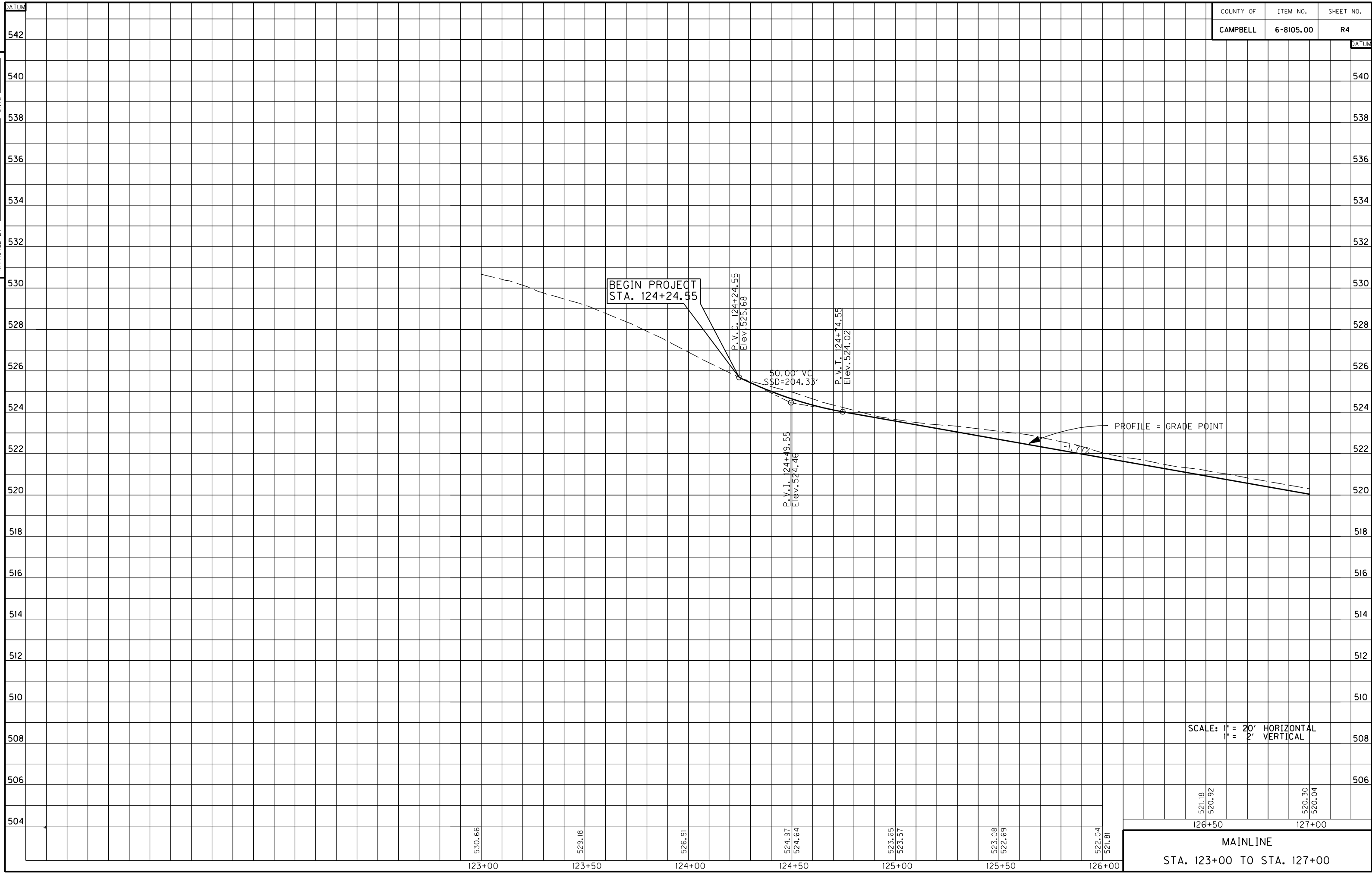
PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
 COUNTY OF
CAMPBELL

PROJECT NUMBERS: _____
 MAINLINE
 STA. 122+50 TO STA 127+00

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



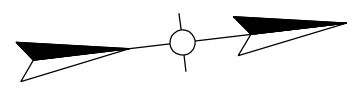
USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$design\$file\$specification\$\$\$
 E-SHEET NAME:

SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

| | | | | | |
|----------------------------|--------|--------|--|--------|--------|
| 521.18 | 520.92 | | | 520.30 | 520.04 |
| 126+50 | | 127+00 | | | |
| MAINLINE | | | | | |
| STA. 123+00 TO STA. 127+00 | | | | | |

| SHEET TOTALS | |
|--------------------------------|-----------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SQ YD |
| SOD | XX SQ YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CONC. CURB & GUTTER | XX LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

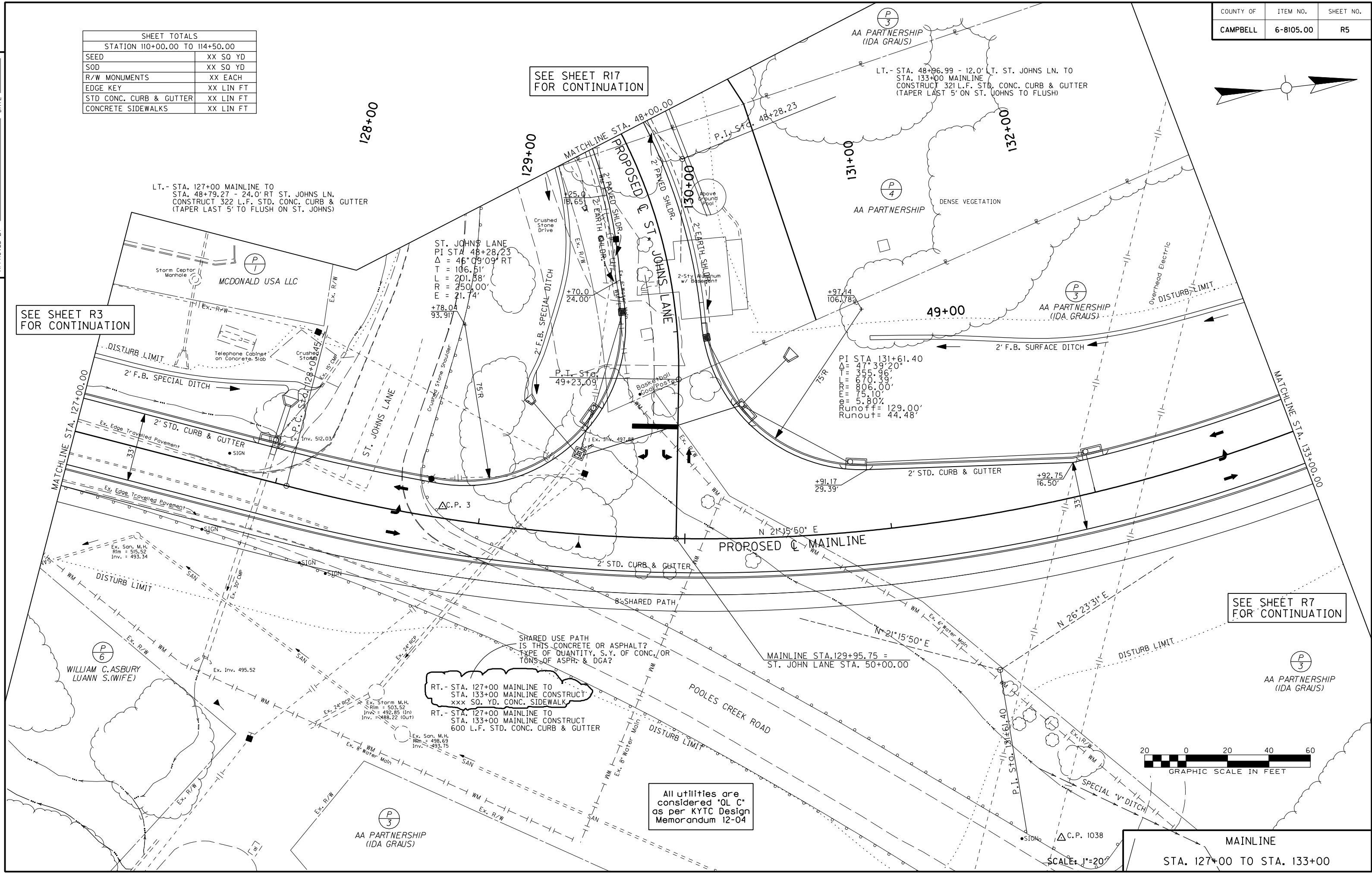
SEE SHEET R17
FOR CONTINUATION



PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

SEE SHEET R3
FOR CONTINUATION

SEE SHEET R7
FOR CONTINUATION



RT.- STA. 127+00 MAINLINE TO
STA. 133+00 MAINLINE CONSTRUCT
XXX SQ. YD. CONC. SIDEWALK

RT.- STA. 127+00 MAINLINE TO
STA. 133+00 MAINLINE CONSTRUCT
600 L.F. STD. CONC. CURB & GUTTER

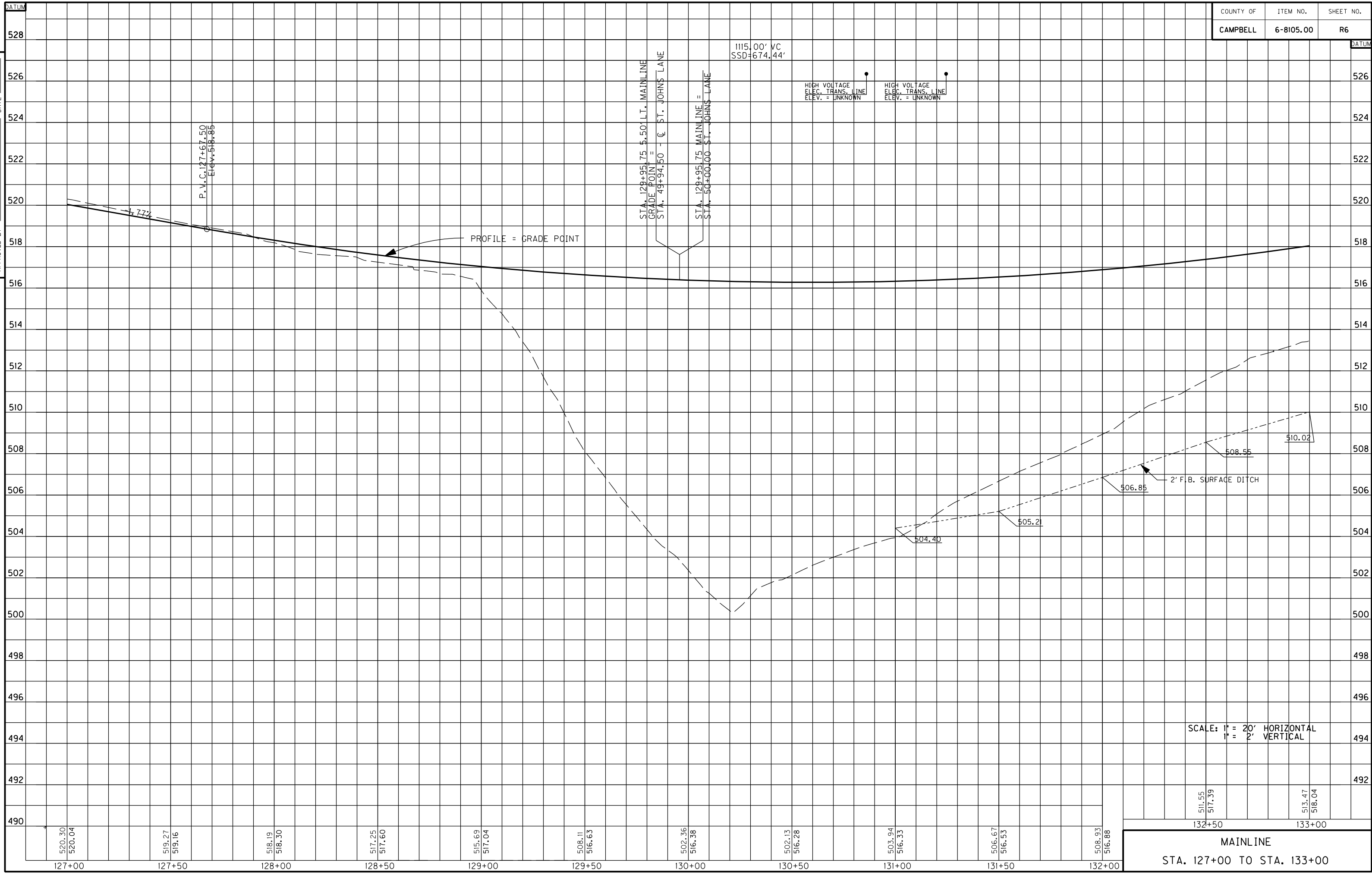
All utilities are
considered "OL C"
as per KYTC Design
Memorandum 12-04



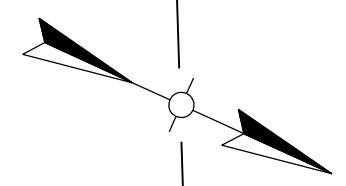
SCALE: 1"=20'
MAINLINE
STA. 127+00 TO STA. 133+00

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



| SHEET TOTALS | |
|--------------------------------|-----------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SQ YD |
| SOD | XX SQ YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CONC. CURB & GUTTER | XX LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |



PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

PI STA 131+61.40
 $\Delta = 47^\circ 39' 20''$ LT
 T = 355.96'
 L = 670.39'
 R = 806.00'
 E = 75.10'
 e = 5.80%

LT.- STA. 133+00 MAINLINE TO
 STA. 139+00 MAINLINE CONSTRUCT
 596.0 L.F. STD. CONC. CURB & GUTTER

SEE SHEET R9
 FOR CONTINUATION

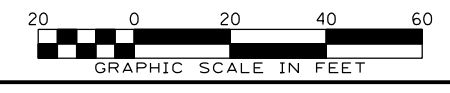
MATCHLINE STA. 133+00.00

MATCHLINE STA. 139+00.00

SEE SHEET R5
 FOR CONTINUATION

SEE SHEET R19
 FOR CONTINUATION

All utilities are
 considered 'OL C'
 as per KYTC Design
 Memorandum 12-04

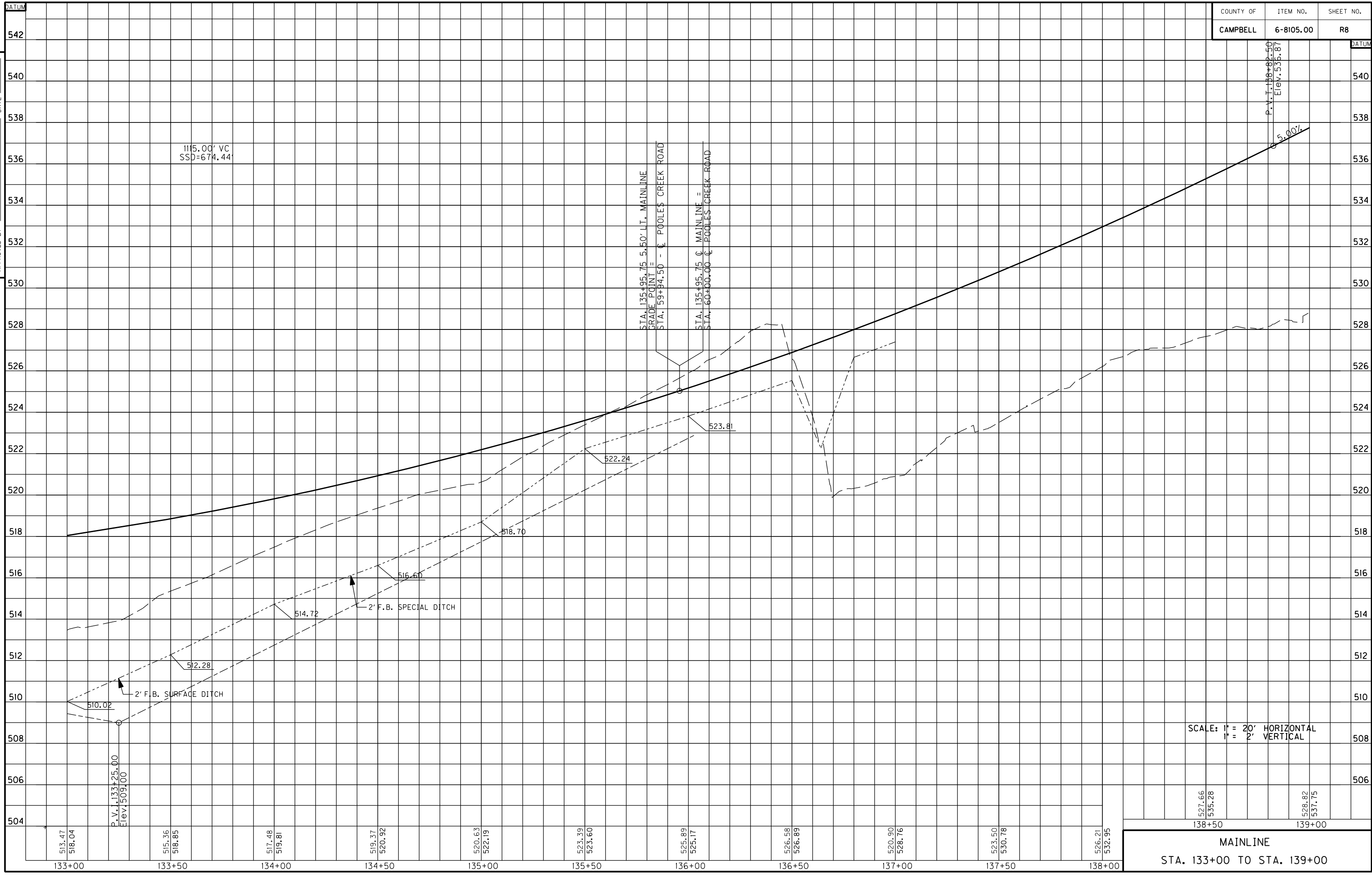


SCALE: 1"=20'

MAINLINE
 STA. 133+00 TO STA. 139+00

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designsfile\$\$\$specifications\$\$\$
 E-SHEET NAME:

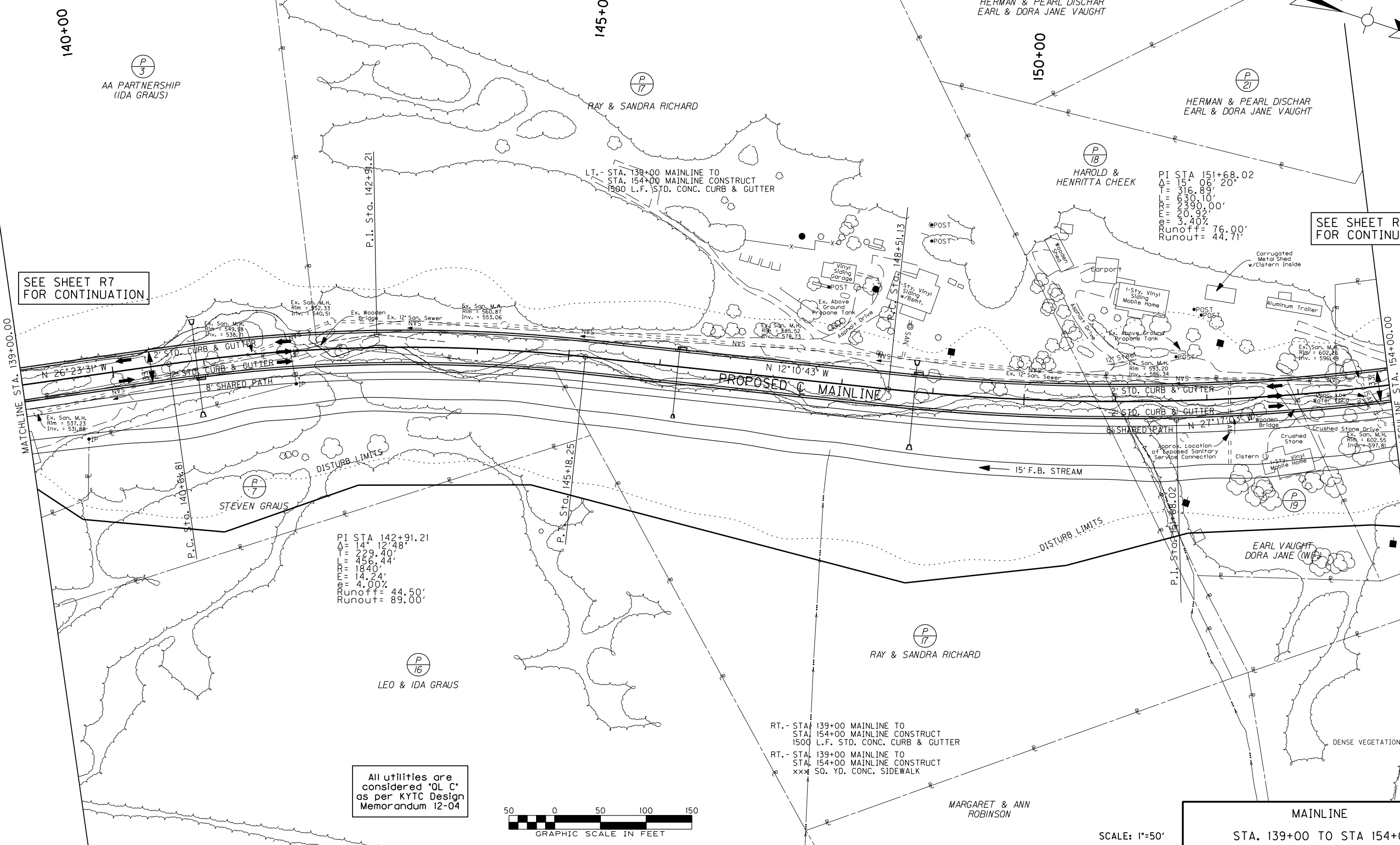
527.66
 535.28
 138+50

528.82
 537.75
 139+00

| | | |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| CAMPBELL | 6-8105.00 | R9 |

| SHEET TOTALS | |
|--------------------------------|-------------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SQ YD |
| SOD | XX SQ YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CONC. CURB & GUTTER | 1500 LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

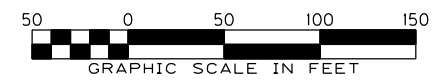


SEE SHEET R7 FOR CONTINUATION.

SEE SHEET R11 FOR CONTINUATION.

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

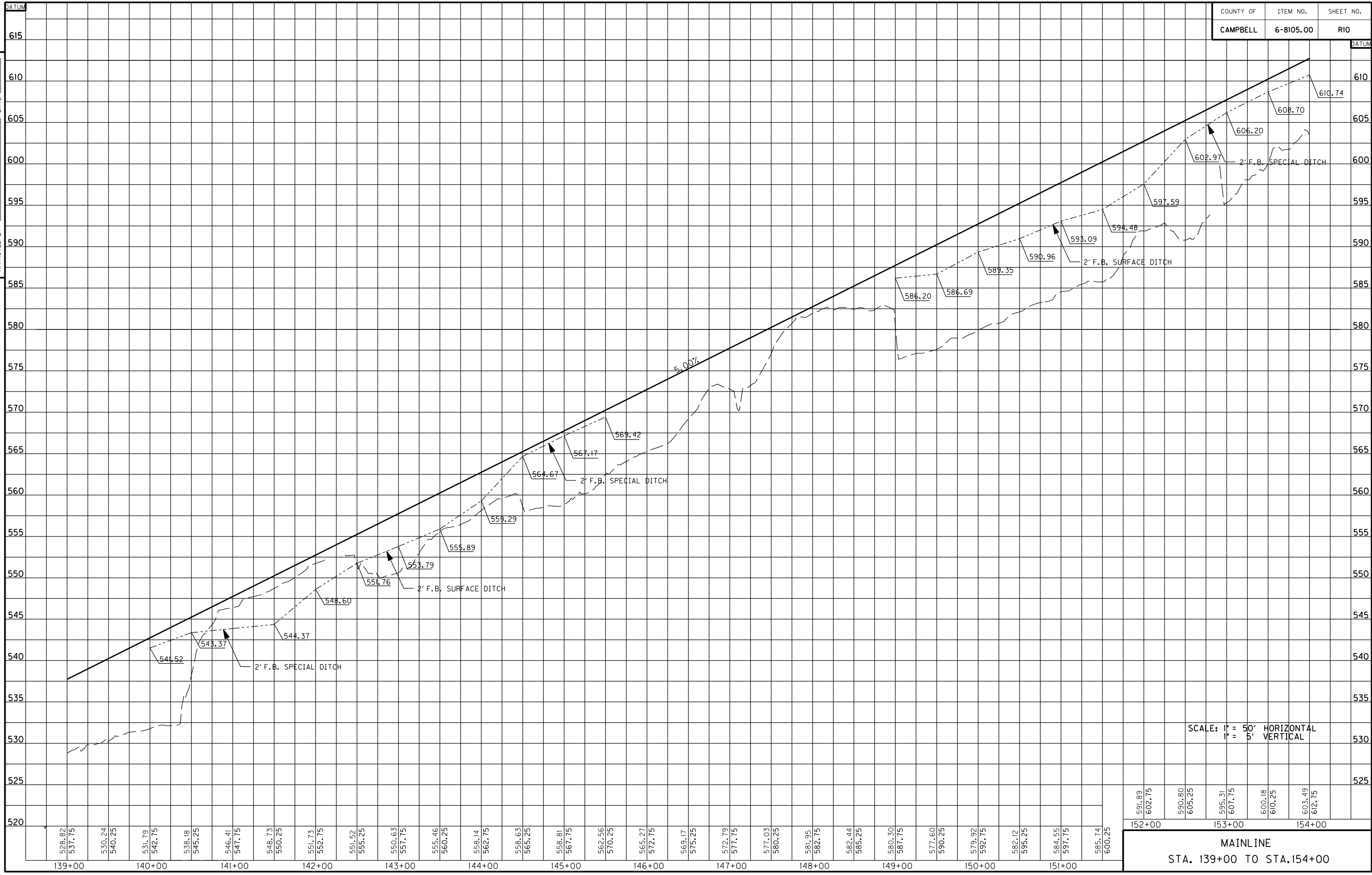
All utilities are considered "OL C" as per KYTC Design Memorandum 12-04



SCALE: 1"=50'

MAINLINE
 STA. 139+00 TO STA 154+00

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$design\$filespecification\$\$\$
 E-SHEET NAME:

| SHEET TOTALS | |
|--------------------------------|-------------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SQ YD |
| SOD | XX SQ YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CONC. CURB & GUTTER | 3000 LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

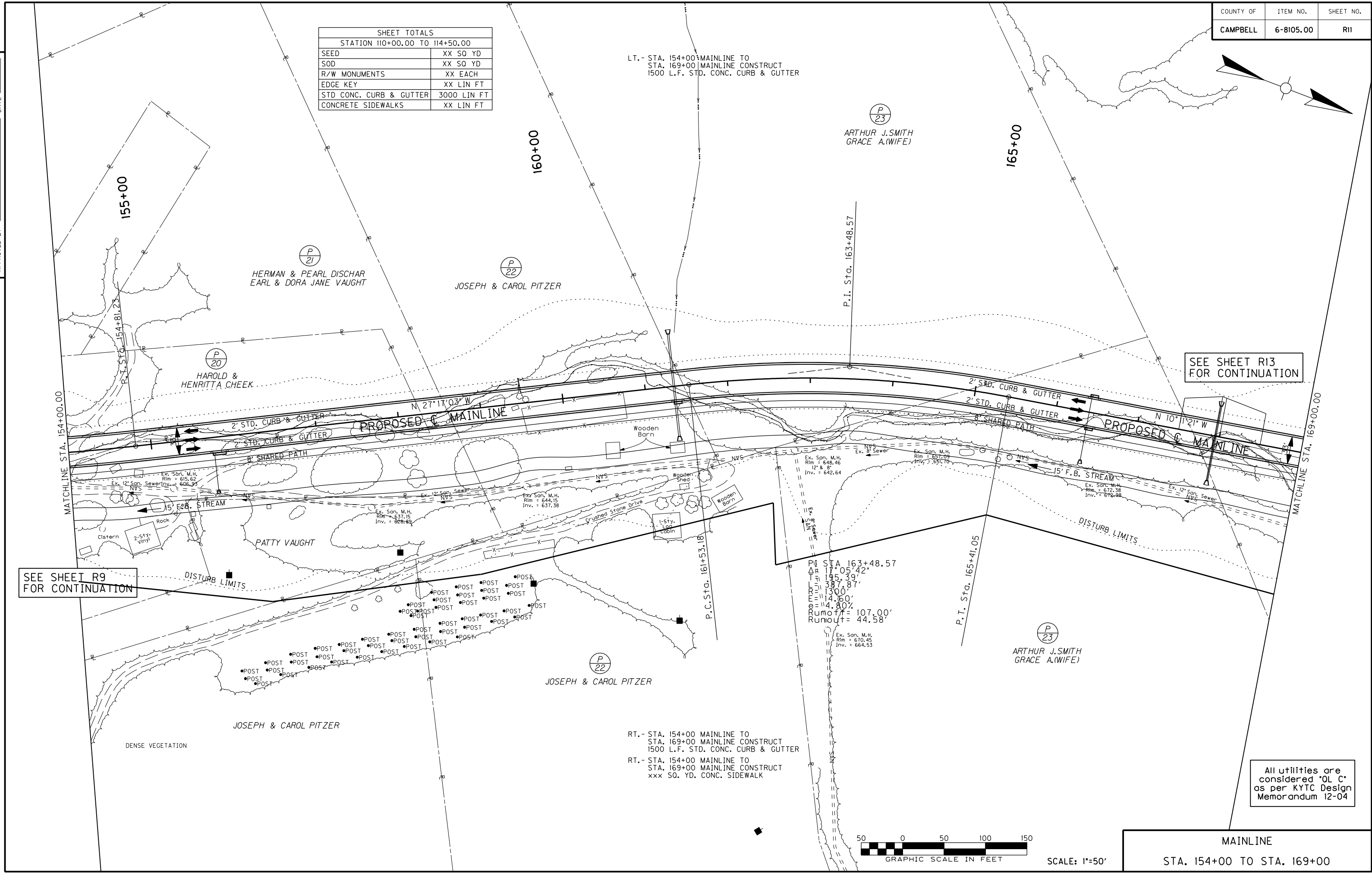
LT.- STA. 154+00 MAINLINE TO
STA. 169+00 MAINLINE CONSTRUCT
1500 L.F. STD. CONC. CURB & GUTTER

RT.- STA. 154+00 MAINLINE TO
STA. 169+00 MAINLINE CONSTRUCT
1500 L.F. STD. CONC. CURB & GUTTER

RT.- STA. 154+00 MAINLINE TO
STA. 169+00 MAINLINE CONSTRUCT
xxx SQ. YD. CONC. SIDEWALK

PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____

USER: \$\$\$USER\$\$\$
DATE: \$\$\$DATE\$\$\$
FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
E-SHEET NAME:

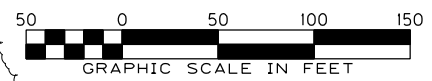


SEE SHEET R13
FOR CONTINUATION

SEE SHEET R9
FOR CONTINUATION

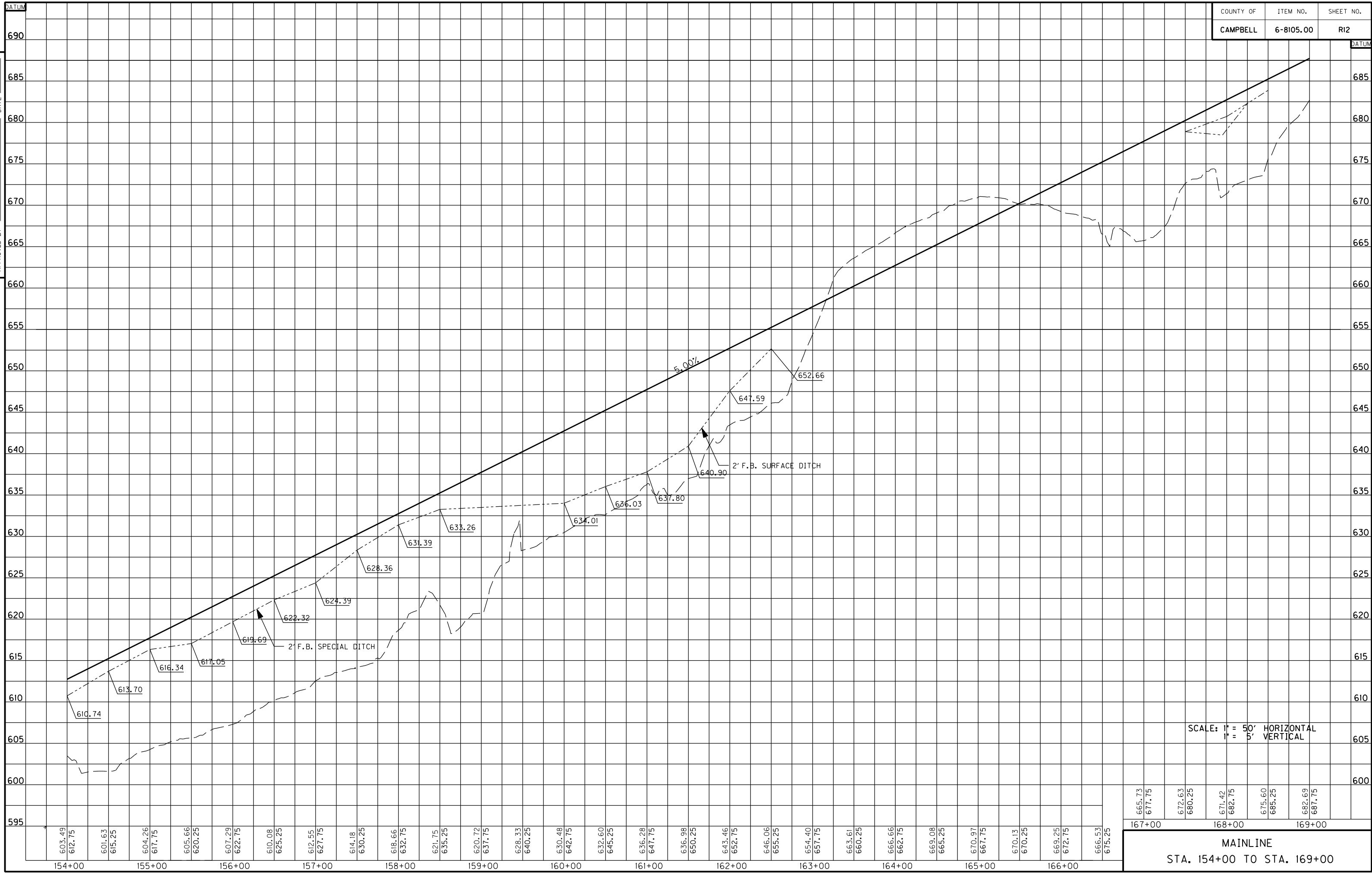
All utilities are
considered "OL C"
as per KYTC Design
Memorandum 12-04

MAINLINE
STA. 154+00 TO STA. 169+00



SCALE: 1"=50'

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

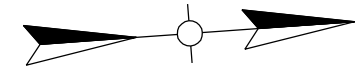
USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designsfile\$\$\$specifications\$\$\$
 E-SHEET NAME:

| | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 665.73 | 677.75 | 672.63 | 680.25 | 671.42 | 682.75 | 675.60 | 685.25 | 682.69 | 687.75 |
| 167+00 | | 168+00 | | 169+00 | | | | | |
| MAINLINE STA. 154+00 TO STA. 169+00 | | | | | | | | | |

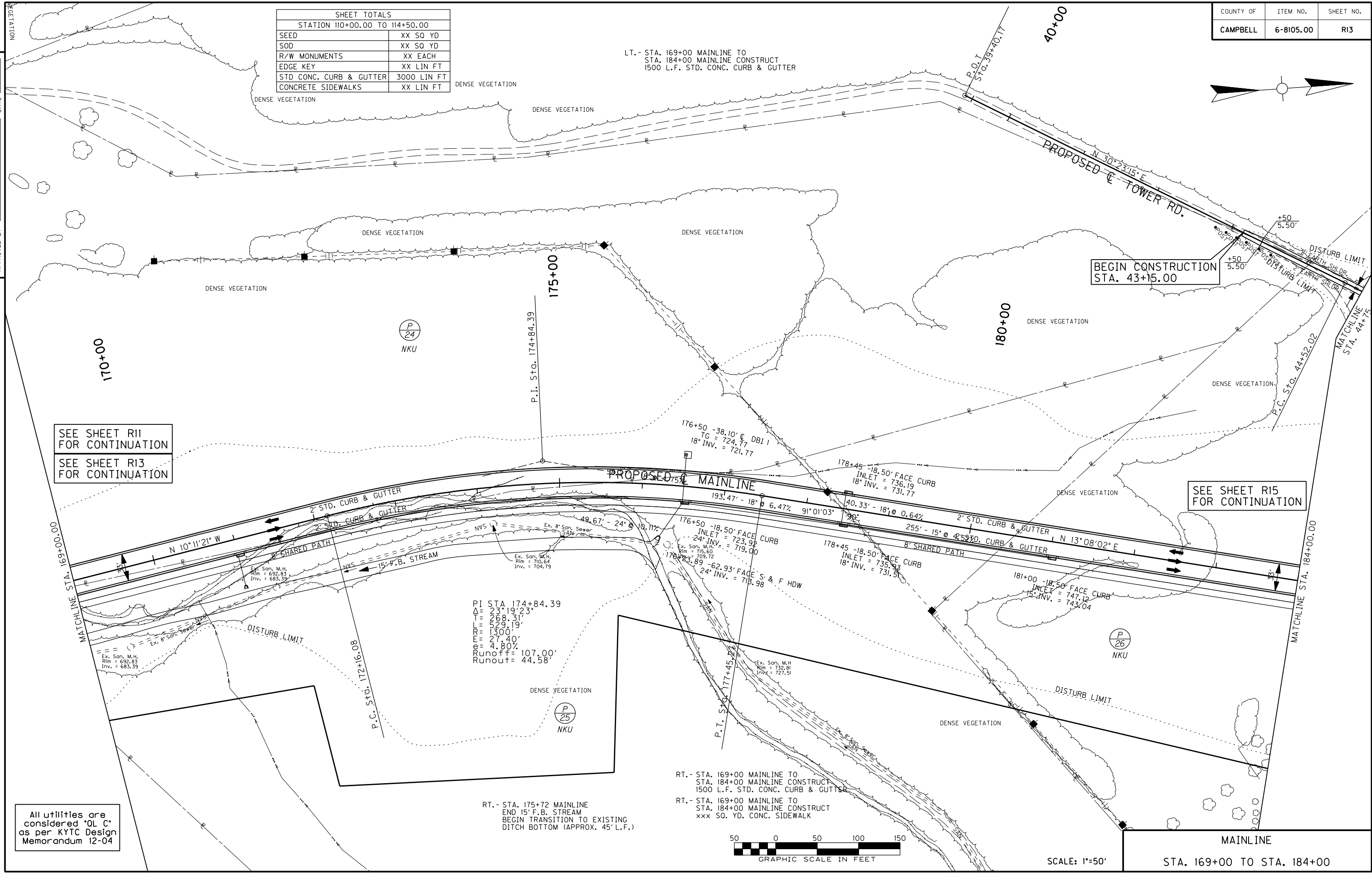
| | | |
|-----------|-----------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
| CAMPBELL | 6-8105.00 | R13 |

| SHEET TOTALS | |
|--------------------------------|-------------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SO YD |
| SOD | XX SO YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CONC. CURB & GUTTER | 3000 LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

LT.- STA. 169+00 MAINLINE TO
STA. 184+00 MAINLINE CONSTRUCT
1500 L.F. STD. CONC. CURB & GUTTER



PREPARED BY _____ DATE _____
CHECKED BY _____ DATE _____
APPROVED BY _____ DATE _____



SEE SHEET R11
FOR CONTINUATION

SEE SHEET R13
FOR CONTINUATION

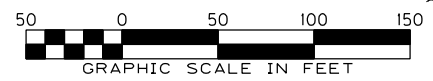
SEE SHEET R15
FOR CONTINUATION

PI STA 174+84.39
Δ = 23°19'23"
T = 268.31'
L = 529.19'
E = 1300'
F = 27.40'
R = 4.80%
Runoff = 107.00'
Runout = 44.58'

RT.- STA. 169+00 MAINLINE TO
STA. 184+00 MAINLINE CONSTRUCT
1500 L.F. STD. CONC. CURB & GUTTER

RT.- STA. 175+72 MAINLINE
END 15' F.B. STREAM
BEGIN TRANSITION TO EXISTING
DITCH BOTTOM (APPROX. 45' L.F.)

RT.- STA. 169+00 MAINLINE TO
STA. 184+00 MAINLINE CONSTRUCT
xxx SO. YD. CONC. SIDEWALK



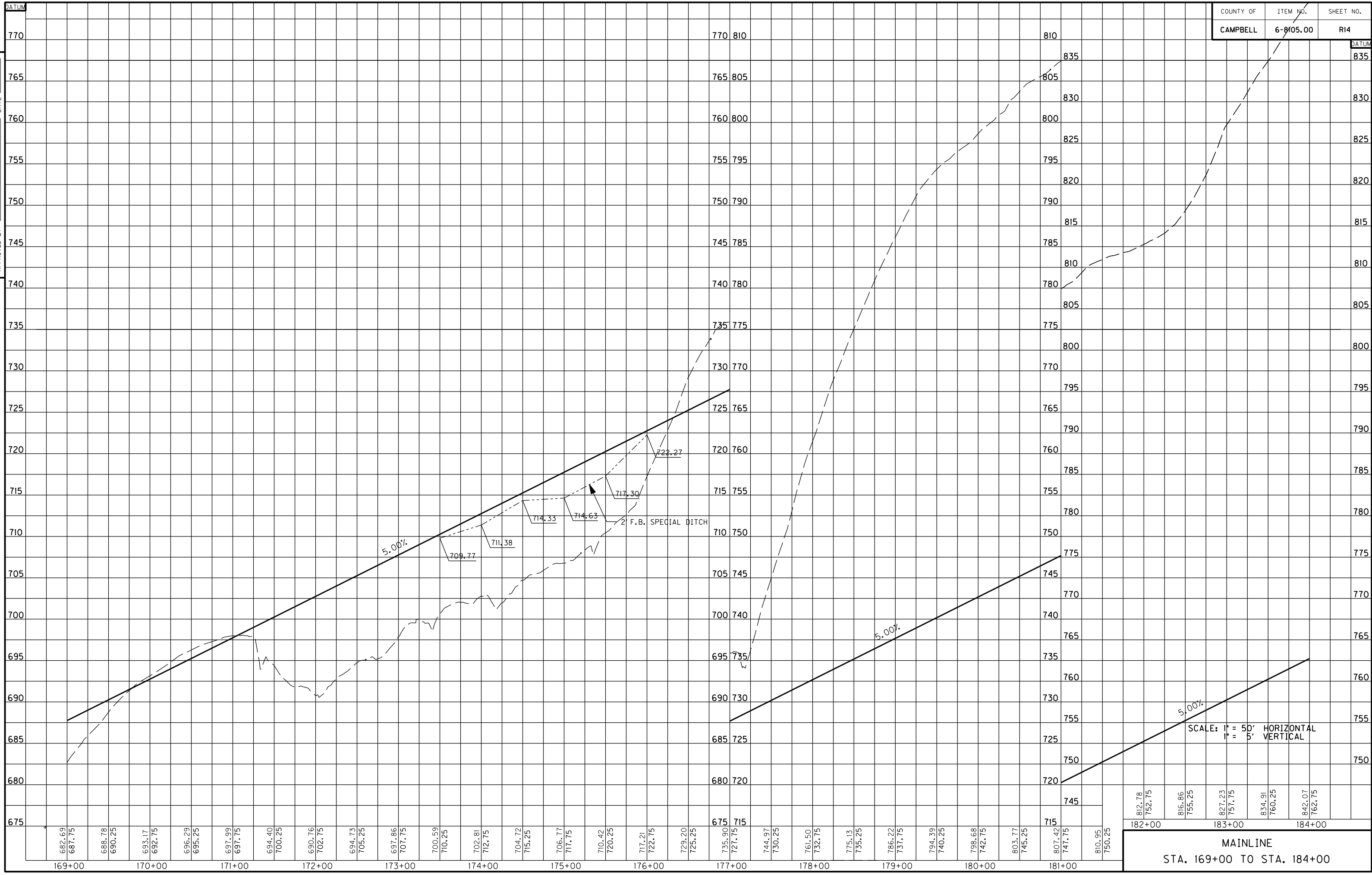
SCALE: 1"=50'

MAINLINE
STA. 169+00 TO STA. 184+00

USER: \$\$\$USER\$\$\$
DATE: \$\$\$DATE\$\$\$
FILE NAME: \$\$\$designs\$filespecification\$\$\$
E-SHEET NAME:

All utilities are
considered "OL C"
as per KYTC Design
Memorandum 12-04

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

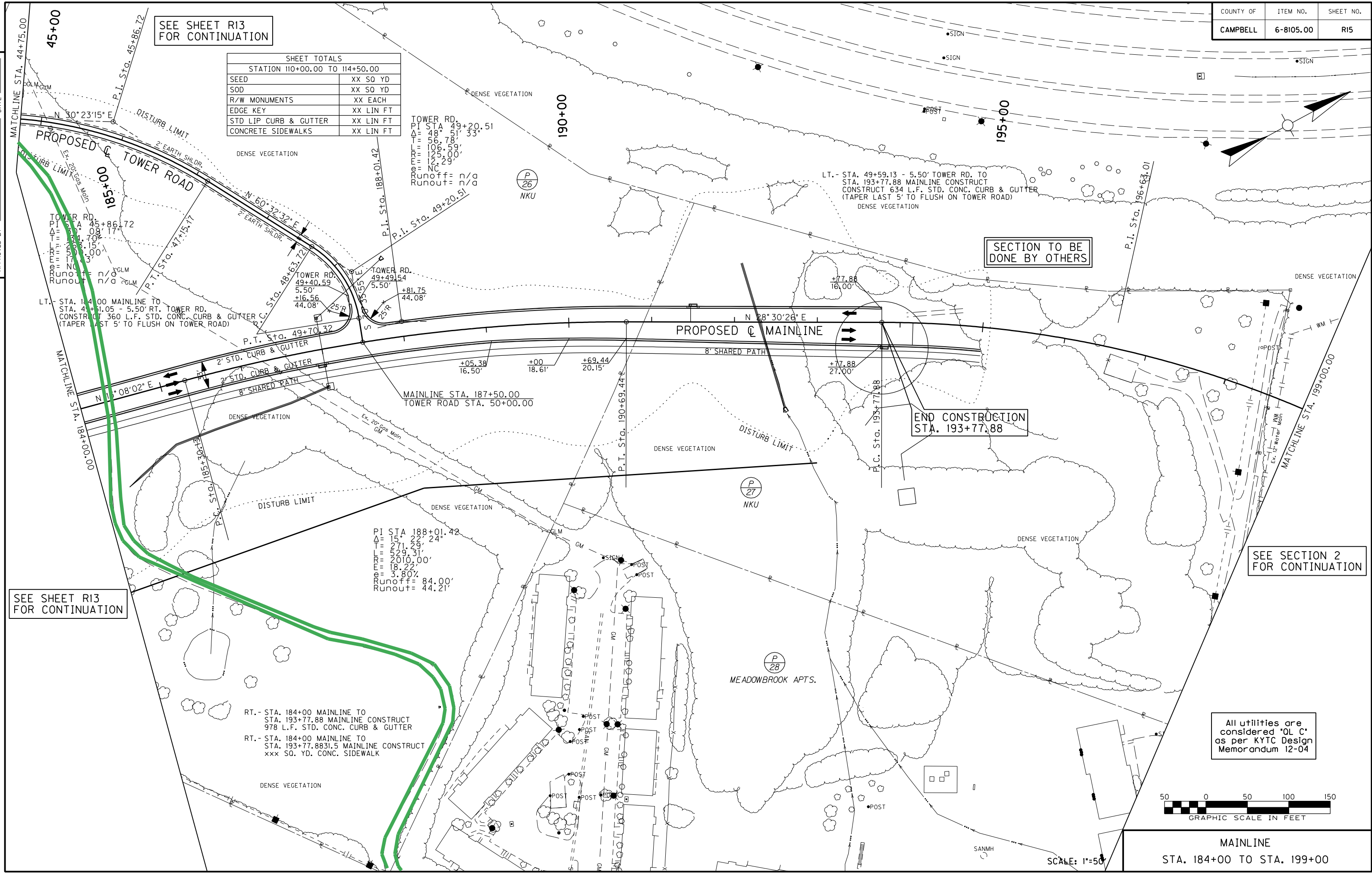


| | | | | |
|--------|--------|--------|--------|--------|
| 812.78 | 816.86 | 827.23 | 834.91 | 842.07 |
| 752.75 | 755.25 | 757.75 | 760.25 | 762.75 |
| 182+00 | | 183+00 | | 184+00 |

MAINLINE
 STA. 169+00 TO STA. 184+00

| SHEET TOTALS | |
|--------------------------------|-----------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SO YD |
| SOD | XX SO YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD LIP CURB & GUTTER | XX LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



SEE SHEET R13 FOR CONTINUATION

SECTION TO BE DONE BY OTHERS

END CONSTRUCTION STA. 193+77.88

SEE SECTION 2 FOR CONTINUATION

SEE SHEET R13 FOR CONTINUATION

All utilities are considered "OL C" as per KYTC Design Memorandum 12-04



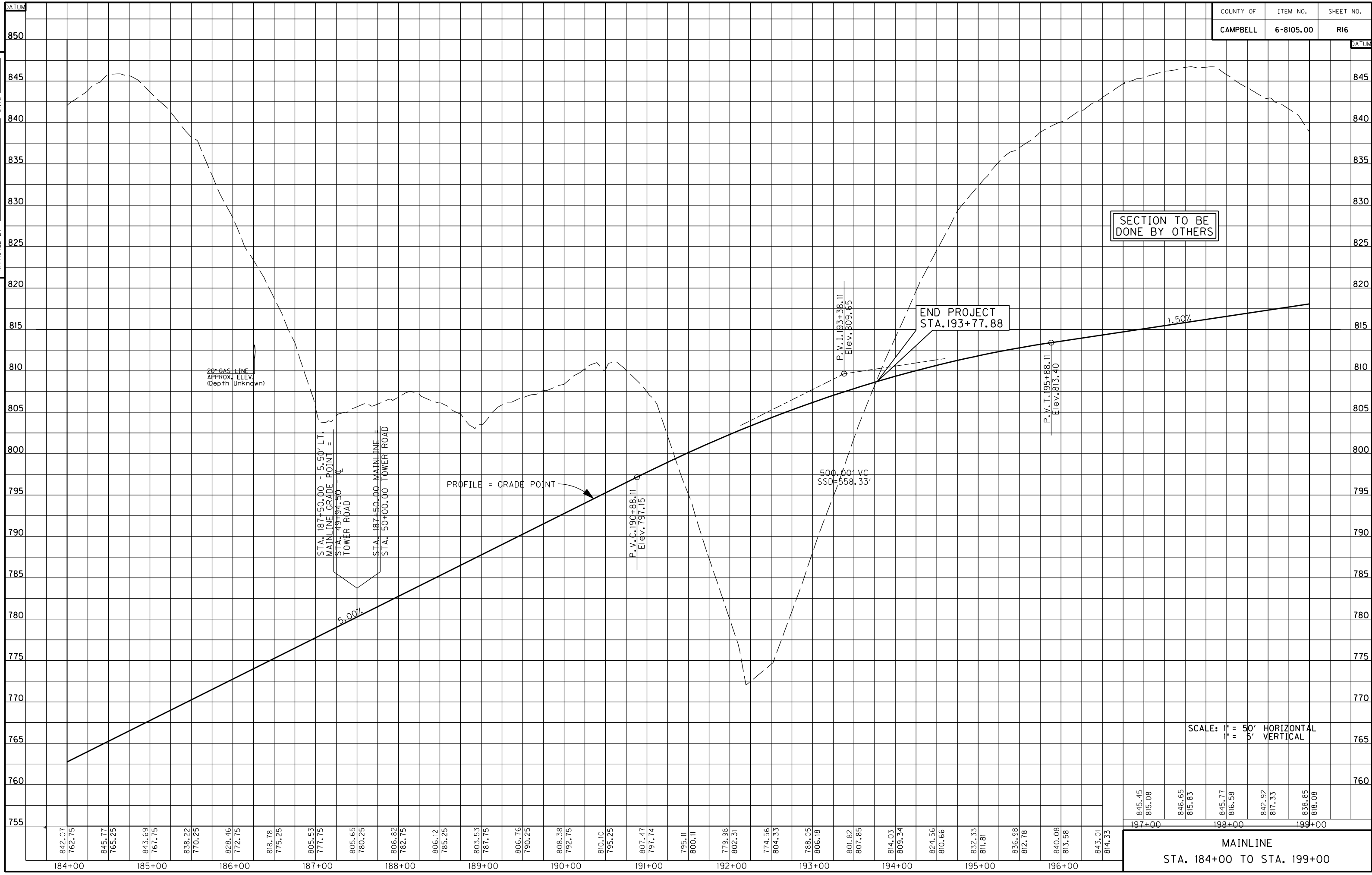
MAINLINE
STA. 184+00 TO STA. 199+00

SCALE: 1"=50'

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designsfile\$\$\$specifications\$\$\$
 E-SHEET NAME:



SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

SECTION TO BE DONE BY OTHERS

END PROJECT
 STA. 193+77.88

PROFILE = GRADE POINT

20' GAS LINE
 APPROX. ELEV.
 (Depth Unknown)

STA. 187+50.00 - 5.50' LT.
 MAINLINE GRADE POINT =
 STA. 49+94.50 - C
 TOWER ROAD

STA. 187+50.00 MAINLINE =
 STA. 50+00.00 TOWER ROAD

500.00' VC
 SSD=558.33'

P.V.I. 193+38.11
 Elev. 809.65

P.V.C. 190+88.11
 Elev. 797.15

P.V.T. 195+88.11
 Elev. 813.40

1.50%

5.00%

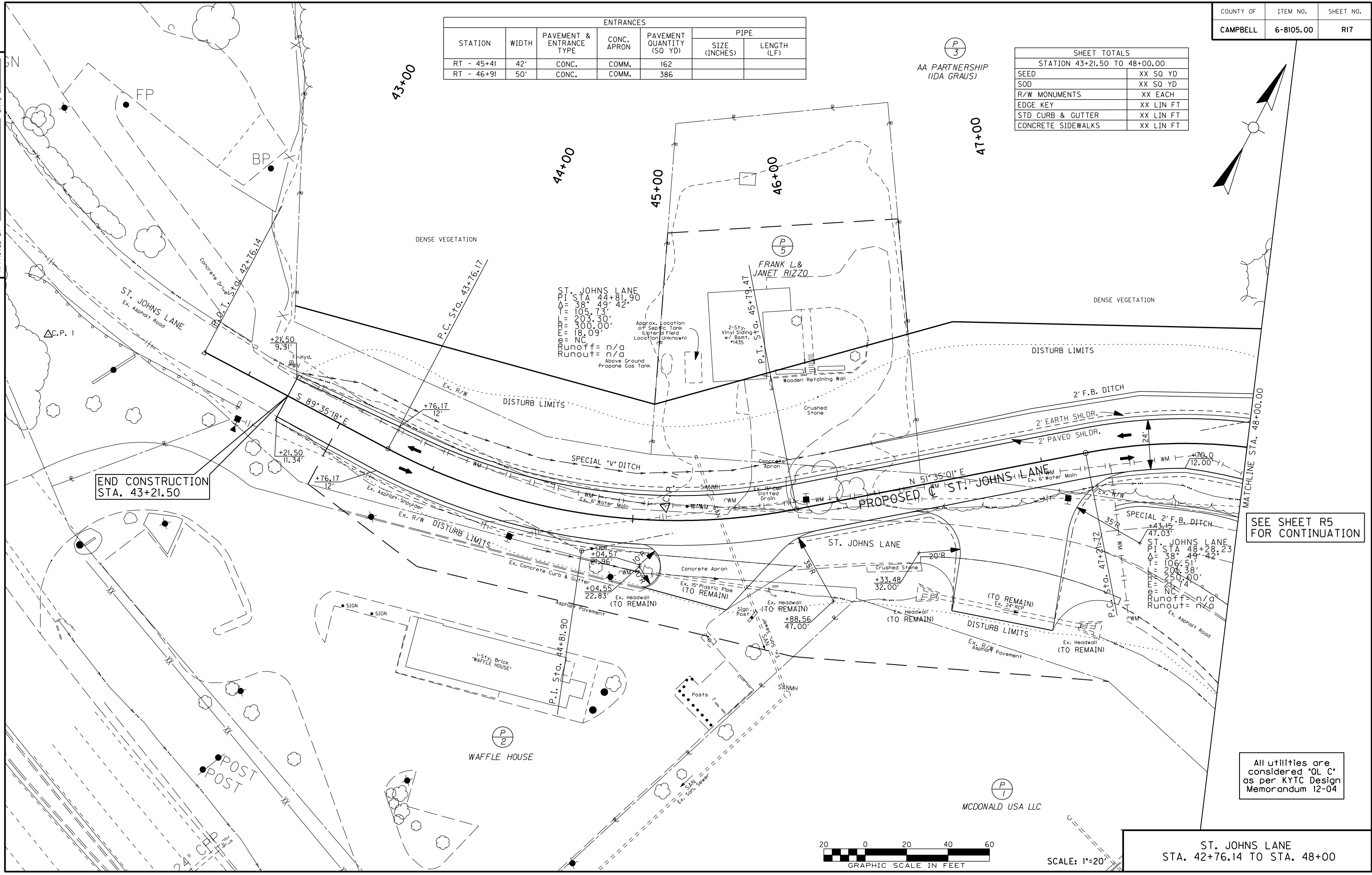
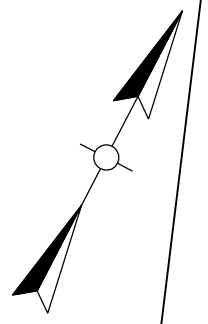
MAINLINE
 STA. 184+00 TO STA. 199+00

| ENTRANCES | | | | | | |
|------------|-------|--------------------------|-------------|---------------------------|---------------|-------------|
| STATION | WIDTH | PAVEMENT & ENTRANCE TYPE | CONC. APRON | PAVEMENT QUANTITY (SQ YD) | PIPE | |
| | | | | | SIZE (INCHES) | LENGTH (LF) |
| RT - 45+41 | 42' | CONC. | COMM. | 162 | | |
| RT - 46+91 | 50' | CONC. | COMM. | 386 | | |

| SHEET TOTALS | |
|------------------------------|-----------|
| STATION 43+21.50 TO 48+00.00 | |
| SEED | XX SQ YD |
| SOD | XX SQ YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD CURB & GUTTER | XX LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

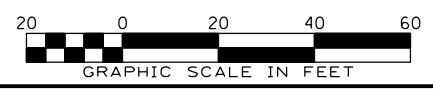
(P/3)
 AA PARTNERSHIP
 (IDA GRAUS)



END CONSTRUCTION
 STA. 43+21.50

SEE SHEET R5
 FOR CONTINUATION

All utilities are
 considered "OL C"
 as per KYTC Design
 Memorandum 12-04

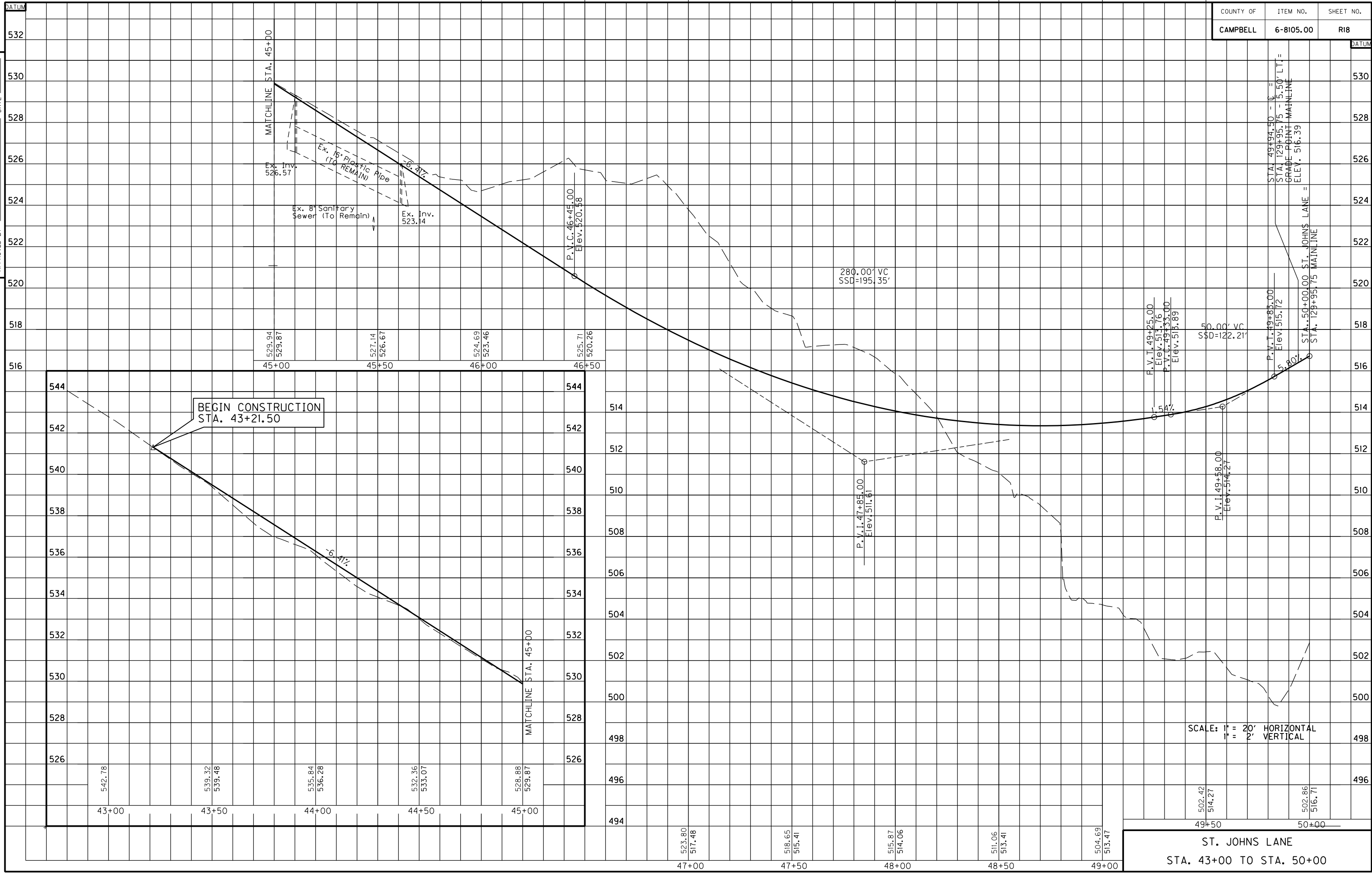


SCALE: 1"=20'

ST. JOHNS LANE
 STA. 42+76.14 TO STA. 48+00

USER: \$\$\$USER\$\$\$\$
 DATE: \$\$\$DATE\$\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

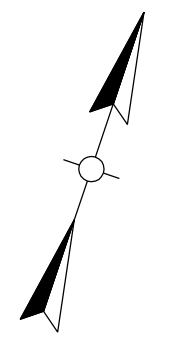
PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$filespecification\$\$\$
 E-SHEET NAME:

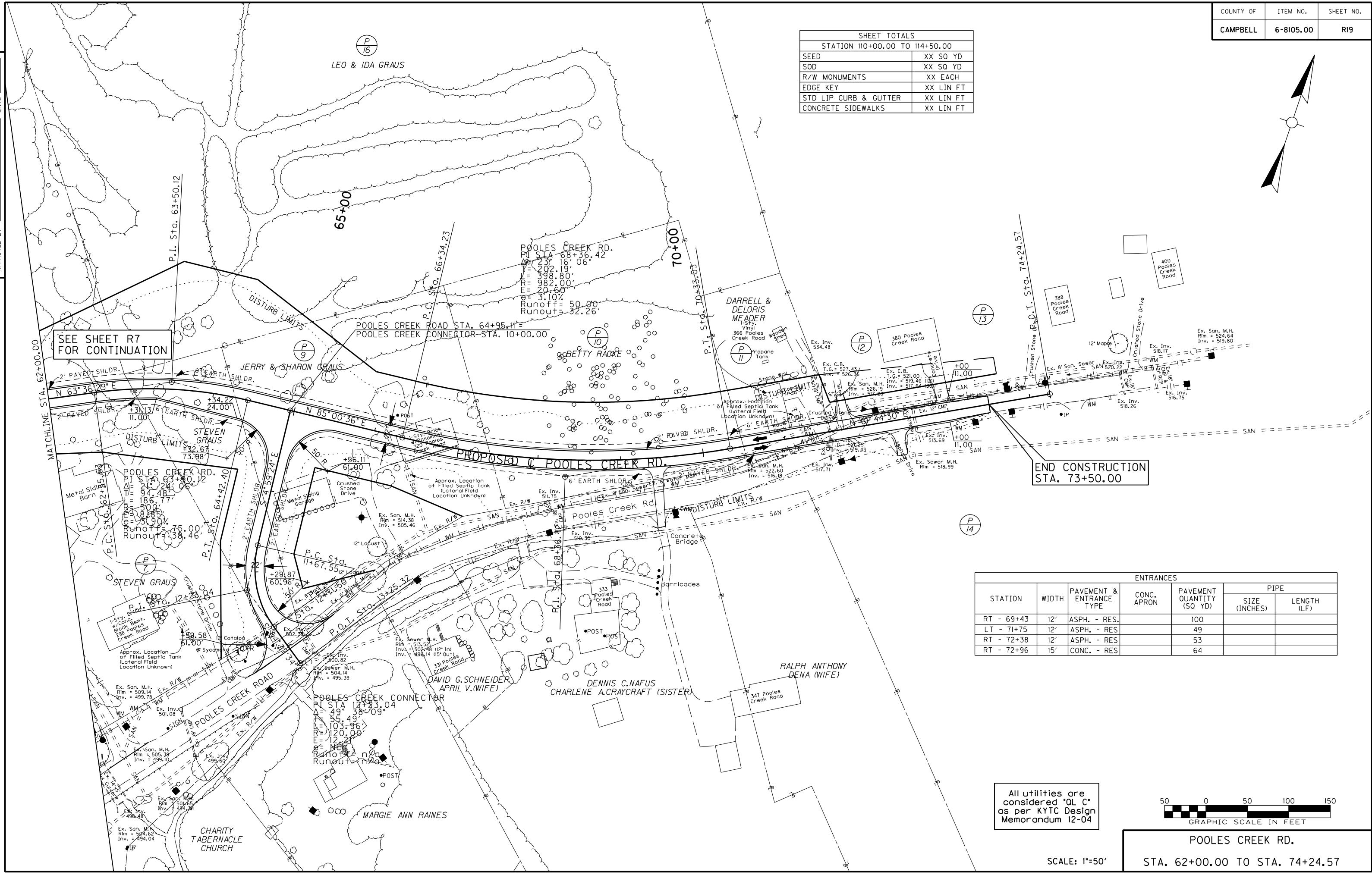
SCALE: 1" = 20' HORIZONTAL
 1" = 2' VERTICAL

ST. JOHNS LANE
 STA. 43+00 TO STA. 50+00



| SHEET TOTALS | |
|--------------------------------|-----------|
| STATION 110+00.00 TO 114+50.00 | |
| SEED | XX SO YD |
| SOD | XX SO YD |
| R/W MONUMENTS | XX EACH |
| EDGE KEY | XX LIN FT |
| STD LIP CURB & GUTTER | XX LIN FT |
| CONCRETE SIDEWALKS | XX LIN FT |

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

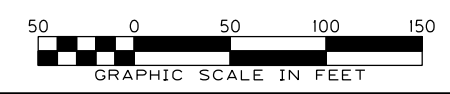


SEE SHEET R7 FOR CONTINUATION

END CONSTRUCTION STA. 73+50.00

| STATION | WIDTH | PAVEMENT & ENTRANCE TYPE | ENTRANCES | | PIPE | |
|------------|-------|--------------------------|-------------|---------------------------|---------------|-------------|
| | | | CONC. APRON | PAVEMENT QUANTITY (SQ YD) | SIZE (INCHES) | LENGTH (LF) |
| RT - 69+43 | 12' | ASPH. - RES. | | 100 | | |
| LT - 71+75 | 12' | ASPH. - RES. | | 49 | | |
| RT - 72+38 | 12' | ASPH. - RES. | | 53 | | |
| RT - 72+96 | 15' | CONC. - RES. | | 64 | | |

All utilities are considered "OL C" as per KYTC Design Memorandum 12-04

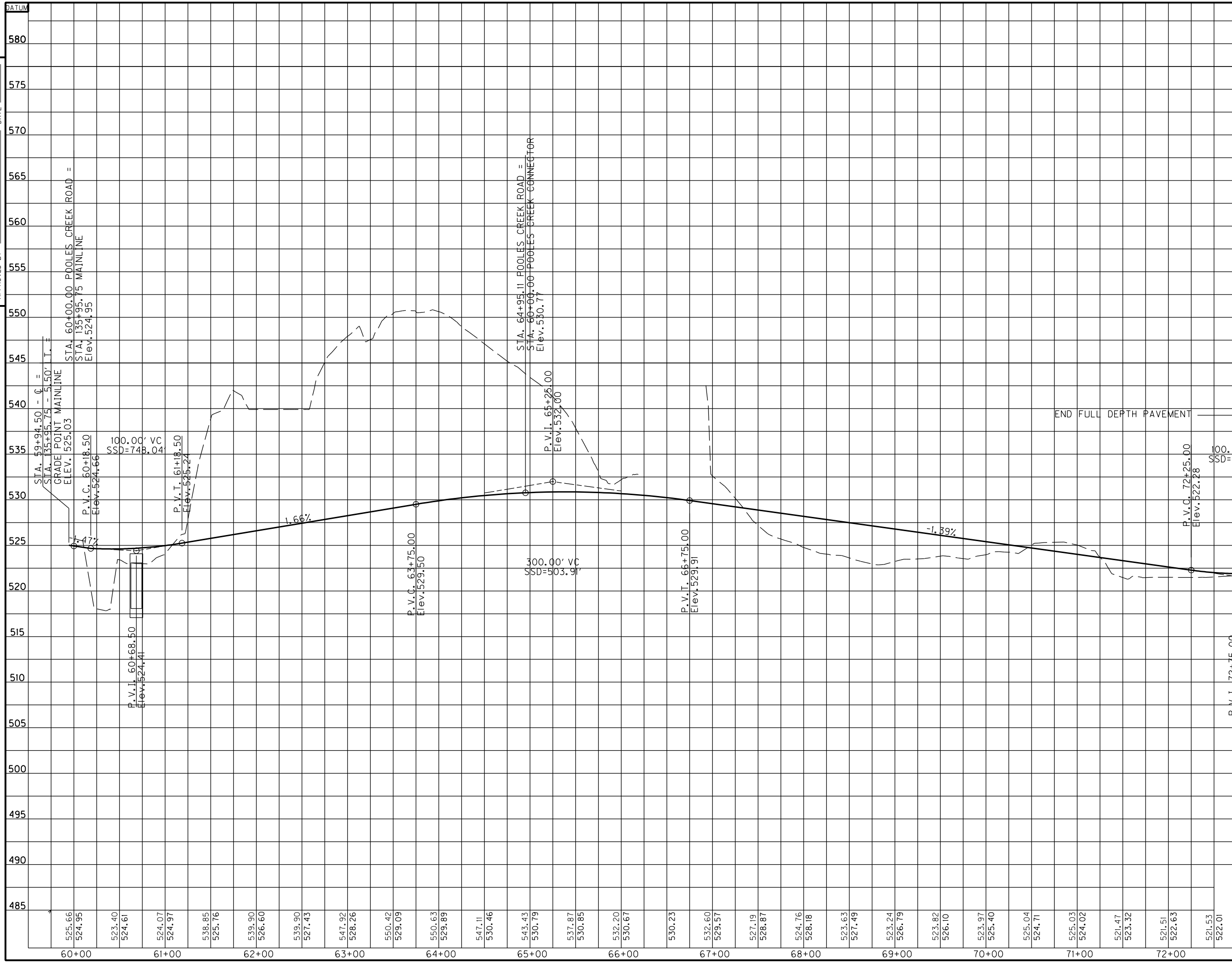


SCALE: 1"=50'

POOLES CREEK RD.
 STA. 62+00.00 TO STA. 74+24.57

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designs\$file\$specifications\$\$\$
 E-SHEET NAME:

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____



STA. 60+00.00 POOLLES CREEK ROAD =
 STA. 135+95.75 MAINLINE
 Elev. 524.95

STA. 64+95.11 POOLLES CREEK ROAD =
 STA. 60+00.00 POOLLES CREEK CONNECTOR
 Elev. 530.77

END FULL DEPTH PAVEMENT

MILL & OVERLAY WITH
 1/2" ASPHALT SURFACE

END CONSTRUCTION
 STA. 73+50.00

SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL

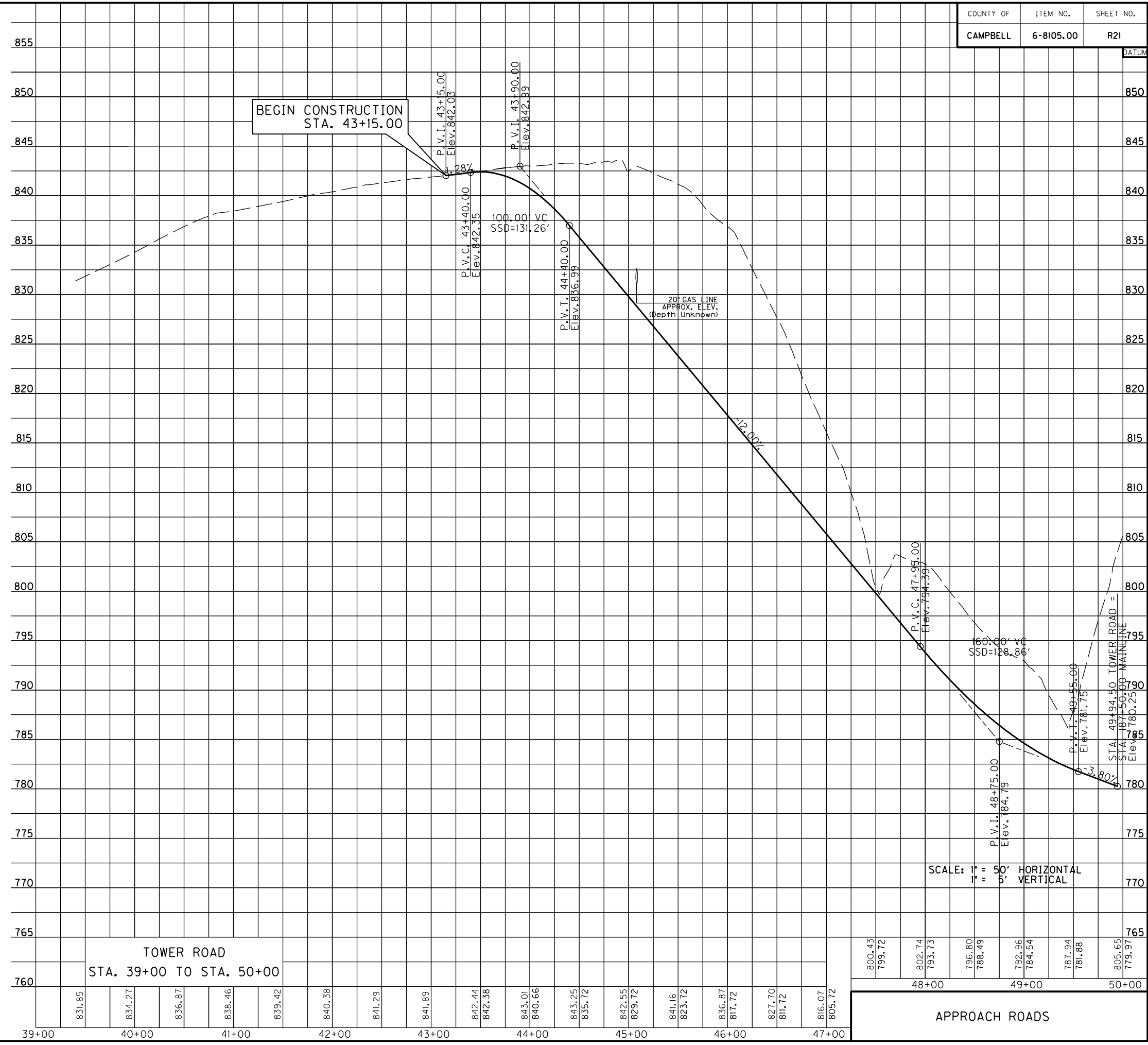
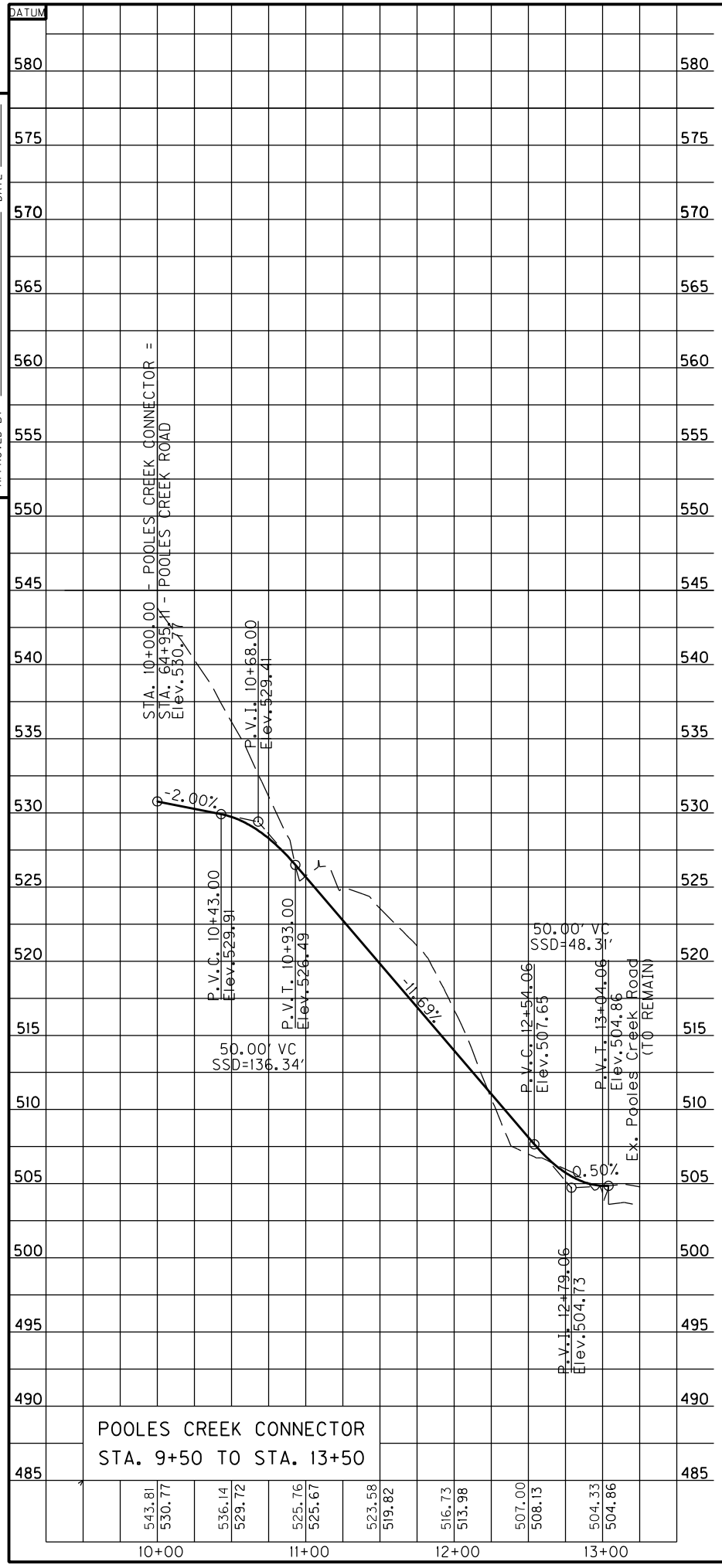
| | | | | |
|--------|--------|--------|--------|--------|
| 521.87 | 521.91 | 522.32 | 522.32 | 522.75 |
| 73+00 | | 74+00 | | 75+00 |

POOLLES CREEK ROAD
STA. 60+00 TO STA. 75+00

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designsfile\$\$\$specifications\$\$\$
 E-SHEET NAME:

PREPARED BY _____ DATE _____
 CHECKED BY _____ DATE _____
 APPROVED BY _____ DATE _____

USER: \$\$\$USER\$\$\$
 DATE: \$\$\$DATE\$\$\$
 FILE NAME: \$\$\$designsfile\$\$\$specifications\$\$\$
 E-SHEET NAME:



SCALE: 1" = 50' HORIZONTAL
 1" = 5' VERTICAL