| F.A.P RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 95 | * | EFFINGHAM | 409 | 49 |
| STA. 217+00.00 | TO STA. 229+00.00 | | | |
| FED. ROAD DIST. NO. 7 | ILLINOIS | FED. AID PROJECT | | |

*(6,7)Y, RS-1, 6B-1, 7B-1 & 7BR-2

CONTRACT NO. 94356

50 0 50 100

N

7

PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
PT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PIPE CULVERTS, CLASS D, TYPE 1
EQUIVALENT ROUND-SIZE 36"
STA. 221+24.83, 35' LT
LENGTH = 43'
UPSTREAM FLOWLINE = 591.05
DOWNSTREAM FLOWLINE = 590.76

END SECTIONS, EQUIVALENT ROUND-SIZE 36"
35' LT STA. 221+02.33 1 EACH
35' LT STA. 221+46.33 1 EACH
TOTAL 2 EACH

BOX CULVERT REMOVAL
1600TH ST N 30'
1600TH ST S 30'
TOTAL 60'

STA 221+04.87
75.00' LT.

STA. 221+24.83 (IL RTE 33) =
STA. 13+00.00 (1600TH ST)
(SEE SHEET 92)

STA 220+85
60.00' LT.

STA 220+00
50.00' LT.

1600TH STREET

STA 221+44.87
75.00' LT.

STA 221+65
60.00' LT.

STA 222+50
50.00' LT.

+50.00

+00.00

MATCH LINE STA. 217+00.00

MATCH LINE STA. 229+00.00

220+00

225+00

IL RTE 33

RAILROAD CROSSING
BY OTHERS

SUB-
STATION

PIPE CULVERTS, TYPE I
REINFORCED CONCRETE-
ELLIPTICAL, EQUIVALENT
ROUND-SIZE 24"
STA. 221+74.03
LENGTH = 48'
OFFSET = 24' LT - 24' RT
UPSTREAM FLOWLINE = 591.38 RT
DOWNSTREAM FLOWLINE = 591.23 LT

PRC FLARED END SECTIONS-ELLIPTICAL,
EQUIVALENT ROUND-SIZE 24"
LT & RT STA. 221+74.03 2 EACH

PAVEMENT REMOVAL
1600TH ST S 85 SQ YD

PERMANENT SURVEY MARKERS, TYPE I
P.O.T. STA. 222+00.00 1 EACH

FURNISHING AND ERECTING RIGHT-OF-WAY MARKERS

| | |
|---|---|
| 50' LT STA. 220+00.00 | 1 EACH |
| 60' LT STA. 220+85.00 | 1 EACH |
| 75' LT STA. 221+04.87 | 1 EACH |
| 75' LT STA. 221+44.87 | 1 EACH |
| 60' LT STA. 221+65.00 | 1 EACH |
| 50' LT STA. 222+50.00 | 1 EACH |
| TOTAL | 6 EACH |

PROFILE

SURVEYED
PLOTTED
CHECKED
BM. NOTED
STRUCTURE NO'S/PINS CHKD
NOTE BOOK
NO.
BY
DATE

610 605 600 595 590 585 580 575 570

m = 0.08'
100.00' V.C.

VPI STA. 218+50.00
ELEVATION 593.28

VPI STA. 219+00.00
ELEVATION 593.43

m = 0.07'
100.00' V.C.

VPI STA. 220+50.00
ELEVATION 594.88

VPI STA. 223+00.00
ELEVATION 595.93

PR PROFILE GRADE
EX PROFILE GRADE
EX LEFT DITCH
EX RIGHT DITCH

+0.28% +0.97% +0.97% +0.42% +0.32% -0.30%
(RT) +0.47% (RT) +0.67% (RT) +0.32% (RT) -0.30%
(LT) +0.25% (LT) +0.65% (LT) +0.75% (LT) -0.60%

+00.00 EL. 591.20
+00.00 EL. 590.75
+00.00 EL. 591.40
+00.00 EL. 594.40
+00.00 EL. 594.50

+92.53 EL. 592.48
+74.03 EL. 591.38

| STA | (LT) | (RT) |
|---|---|---|
| 217+00 | 589.76 | 590.27 |
| 218+00 | 589.88 | 590.50 |
| 219+00 | 590.00 | 590.73 |
| 220+00 | 590.13 | 590.97 |
| 221+00 | 590.25 | 591.20 |
| 222+00 | 590.38 | 591.53 |
| 223+00 | 590.50 | 591.87 |
| 224+00 | 590.63 | 592.20 |
| 225+00 | 590.75 | 592.53 |
| 226+00 | 591.08 | 591.71 |
| 227+00 | 591.40 | 593.20 |
| 228+00 | 591.78 | 593.36 |
| 229+00 | 592.15 | 593.53 |
| 229+73 | 592.29 | 593.91 |
| 230+00 | 592.31 | 593.05 |
| 231+00 | 592.95 | 593.09 |
| 232+00 | 592.99 | 593.14 |
| 233+00 | 593.14 | 593.28 |
| 234+00 | 593.29 | 593.51 |
| 235+00 | 593.53 | 593.91 |
| 236+00 | 593.77 | 594.40 |
| 237+00 | 594.08 | 594.88 |
| 238+00 | 594.39 | 595.09 |
| 239+00 | 594.77 | 595.30 |
| 240+00 | 595.14 | 595.51 |
| 241+00 | 595.47 | 595.72 |
| 242+00 | 595.78 | 595.93 |
| 243+00 | 596.03 | 596.17 |
| 244+00 | 596.29 | 596.43 |
| 245+00 | 596.44 | 596.59 |
| 246+00 | 596.60 | 596.74 |
| 247+00 | 596.59 | 596.74 |
| 248+00 | 596.59 | 596.73 |
| 249+00 | 596.67 | 596.82 |
| 250+00 | 596.57 | 596.71 |
| 251+00 | 596.39 | 596.54 |
| 252+00 | 596.25 | 596.40 |
| 253+00 | 595.99 | 596.14 |
| 254+00 | 595+73 | 595.88 |
| 255+00 | 592.60 | 593.60 |

(LT. & RT. DITCH ELEVATIONS)

10' 5' 100' 50' 0'