Philip E. Johnson

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 80 | 32-2HBR | GRUNDY | 171 | 50 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

CONTRACT NO. 66412

N

℄ RAMP A
PROPOSED R.O.W.
A.C.
EXISTING R.O.W.
POT STA 100+00.00
POT STA 99+96.88
100+00
℄ F.A.I. 80
F.A.I. 80
805+00
800+00
795+00
POT STA 265+00.88
POT STA 279+25.94
POT STA 280+18.12
FUTURE EDGE OF PAVEMENT F.A.I. 80
MATCH LINE STA. 264+00
SEE SHEET NO.49
265+00
270+00 S 88° 01' 20" W
275+00
S 88° 01' 20" W
STA. 270+75.93
6'
2'
PROPOSED R.O.W. & A.C. LINE
EXISTING R.O.W.
℄ RAMP D
STA. 805+60.48
123.56' LT
STA. 806+21.34
127.97' LT
PORTLAND CEMENT CONCRETE PAVEMENT 9½" (JOINTED)
STABILIZED SUB-BASE 4"
AGGREGATE SUBGRADE 12"
9½" PORTLAND CEMENT
CONCRETE SHOULDER
AGGREGATE SHOULDERS TYPE B
STA. 794+68.61
100.11' LT
FUTURE 1' STUB
STA. 276+50.87
STA. 279+25.94 RAMP D=
STA. 791+36.73, 45' LT, F.A.I. 80
PROP. 11' STUB
STANDARD ENTRANCE RAMP
BASED OF FUTURE E.O.P. F.A.I. 80
Truman O. Larson
120 Acres

PLAN
SURVEYED BY
DRAWN BY
ALIGNMENT CHECKED
GRADES CHECKED
STRUCTURE LAYOUTS CHKD
NOTE BOOK
NO.
ROAD FILE NAME

DATE

630 625 620 615 610 605 600 595 590 585

FUTURE EDGE OF PAVEMENT F.A.I. 80
VPI STA. 264+25.88
ELEVATION 612.33
SEE SHEET NO.49
MATCH LINE STA. 264+00
6%
+0.23%
K = 646
50.00' V.C.
100.88 EL. 612.50
RT. 609.12
SPECIAL DITCH
RIGHT @0.12%
PROPOSED PROFILE
GRADE
SPECIAL DITCH
RIGHT @-0.21%
VPI STA. 266+63.00
ELEVATION 612.87
VPI STA. 267+00.88
ELEVATION 612.95
VPI STA. 267+25.88
ELEVATION 613.00
SPECIAL DITCH
RIGHT @0.48%
VPI STA. 268+00.88
ELEVATION 613.21
RT. 609.20
VPI STA. 268+75.88
ELEVATION 613.45
VPI STA. 269+00.88
ELEVATION 613.52
VPC STA. 269+63.00
(F.A.I. 80)
VPI STA. 270+63.00
ELEVATION 614.25
618.88
EXISTING PROFILE ALONG ℄
* SEE NOTE

* NOTE:
PROFILE ELEVATIONS HAVE BEEN CALCULATED THROUGH THE VERTICAL CURVE ON THE MAINLINE BASED ON THE STANDARD ENTRANCE TERMINAL DESIGN. THE PROFILE ELEVATIONS ARE GIVEN AT 25' INTERVALS BELOW:

| 264+00 | 265+00 | 266+00 | 267+00 | 268+00 | 269+00 | 270+00 | 271+00 | 272+00 | 273+00 | 274+00 | 275+00 | 276+00 | 277+00 | 278+00 | 279+00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 611.41 / 612.19 | 611.85 / 612.36 | 612.16 / 612.50 | 612.23 / 612.61 | 612.20 / 612.73 | 612.34 / 612.84 | 612.54 / 612.95 | 612.75 / 613.06 | 612.58 / 613.21 | 612.51 / 613.34 | 612.63 / 613.52 | 612.62 / 613.71 | 612.78 / 613.94 | 613.01 / 614.19 | 613.34 / 614.45 | 613.61 / 614.72 | 613.95 / 614.99 | 614.29 / 615.25 | 614.84 / 615.52 | 615.38 / 615.79 | 615.69 / 616.06 | 616.06 / 616.33 | 616.35 / 616.59 | 616.65 / 616.86 | 616.98 / 617.13 | 617.25 / 617.40 | 617.54 / 617.67 | 617.84 / 617.94 | 618.14 / 618.20 | 618.43 / 618.47 | 618.73 / 618.74 |
| | | | | | | 612.89 | | | | | | | | | | | | | | | | | | | | | | | |

PROFILE
SURVEYED BY
DRAWN BY
GRADES CHECKED
STRUCTURE LAYOUTS CHKD
NOTE BOOK
NO.

DATE

PROPOSED RAMP D

11/14/2005
V:\CHICAGO\IDOT\1836\CAD\rdwy\div\1836_PLN_PRF_RAMPD_02.dgn

16_PLN_PRF_RAMPD_02.dgn 11/14/2005 1:03:50 PM jbudgett