BEGIN IMPROVEMENT (RONNIE GRAY DRIVE)
STA. 17+10

LEGACY PARK

STA. 17+40
150 L.F. 2'x8' BOX RCP
W/ FES @ 0.20%
N. INV = 677.05
S. INV = 676.75

FUTURE PARK CONNECTION

BEGIN PATH STA. 19+95

COMMONWEALTH EDISON COMPANY EASEMENT ALONG ROAD RIGHT OF WAY, DOCUMENT #72-754

EXIST. R.O.W.

PROP. 8' PATH

REMOVE AND REINSTALL 60 L.F. GUARD RAIL

BEGIN CURB STA. 19+95

18:1 TAPER (170')

B-29 (685.76)

B-28 (682.88)

RONNIE GRAY DRIVE

22:1 TAPER (170')

REMOVE AND REINSTALL 60 L.F. GUARD RAIL

SPEED LIMIT SIGN 35 MPH

(680.68) RIM

36" CMP CULVERT
N INV =678.74
S INV =678.01

EXIST. 5' SIDEWALK

(679.50)

(676.75) INV

(677.40)

(676.73) INV

NEW PAVED DITCH

EXIST. STM INLET
RIM =677.00
12" RCP NW =674.49
12" RCP SE =674.33

EXIST. STM MANHOLE
RIM =679.99
12" RCP E =677.59

EXIST. STM MANHOLE
RIM =681.05
12" RCP N,S,E,W =676.30

MATCH LINE - STA. 22+00
SEE SHEET 19

GRAPHIC SCALE (IN FEET)
1 inch = 20 ft.

BEGIN IMPROVEMENT STA. 17+10

START STA. 18+25
START ELEV. 688.33
BVCS: 18+40
BVCE: 687.73

200.00' VC
PVI STA = 19+40
PVI ELEV = 683.73
A.D. = 3.50
K = 57.14

-4.00%

EVCS: 20+40
EVCE: 683.23

-0.50%

Brn. Sur. = 7.0"
Agg. Base = 8.0"

Black & Brown Silty Clay, (Fill)

Brown Silty Clay, Sand, Gravel
End of Boring @ 10'

Brn. Sur. = 9.0"
Agg. Base = 9.0"

Black Silty Clay, Topsoil (Fill)

Brown Silty Clay, Sand, Gravel
End of Boring @ 16'

2'x8' BOX RCP @ 0.20%

335 L.F. 24" RCP @ 0.18%

10 L.F. 12" RCP @ 1.00%

12" RCP @ 1.00%

210 L.F. 24" RCP @ 0.18%

MATCH LINE - STA. 22+00
SEE SHEET 19

EX. ℄ ELEV.: 694.4 | 693.1 | 691.8 | 690.6 | 689.4 | 688.3 / 688.33 | 687.4 / 687.34 | 686.6 / 686.44 | 685.9 / 685.64 | 685.3 / 684.96 | 684.6 / 684.39 | 684.0 / 683.92 | 683.7 / 683.57 | 683.5 / 683.32 | 683.3 / 683.18 | 683.1 / 683.05 | 683.0 / 682.93 | 682.8 / 682.80 | 682.7 / 682.68 | 682.6 / 682.55 | 682.5 / 682.43

NEW ℄ ELEV.: (676.75)

693 692 691 690 689 688 687 686 685 684 683 682 681 680 679 678 677

17+00 17+50 18+00 18+50 19+00 19+50 20+00 20+50 21+00 21+50 22+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	59	18

CONTRACT NO. 87252

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT

* RONNIE GRAY DRIVE (6502)
MAPLE STREET (6512)

** 00-00054-00-FP

TYSON ENGINEERING, INC.
CONSULTING CIVIL ENGINEERS
LAND SURVEYORS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
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Contractor shall be responsible for verifying all dimensions.

Information hereon and herein is confidential.

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	10/30/09	MRG	PER IDOT REVIEW

RONNIE GRAY DRIVE
PLAN AND PROFILE
STA. 17+00 TO STA. 22+00

PROJECT:
VILLAGE OF MANTENO
MAPLE STREET AND RONNIE GRAY DRIVE IMPROVEMENTS
MANTENO, ILLINOIS

SECTION
00-00054-00-FP

DATE: 9/25/09	JOB NO. E06030
SCALE: HORZ.: 1"=20' VERT.: 1"=2'	FILE NO.
DRAWN BY: MRG	SHEET 18
CHECKED BY: SRM	

"24x36(ARCH D)" (1:1) 11/11/2009 10:01:24 AM, M:\PROJECTS\2006\06030\ENGINEERING\PLAN\PLAN-PROFILE.DWG, 36, JPG, 1:1, 0.00, 24.00, 36.00, 0.00, 0.00, 0