PROP. ℄ EAST ENTRANCE ROAD
CURVE 3 DATA
PI STA. = 16+38.99
Δ = 22° 52' 06" (RT)
D = 10° 25' 03"
R = 550.00'
T = 111.24'
L = 219.52'
E = 11.14'
e = N.C.
P.C. STA = 15+27.75
P.T. STA = 17+47.27

PROP. ℄ EAST ENTRANCE ROAD
CURVE 4 DATA
PI STA. = 17+99.30
Δ = 14° 49' 22" (LT)
D = 14° 19' 26"
R = 400.00'
T = 52.03'
L = 103.48'
E = 3.37'
e = N.C.
P.C. STA = 17+47.27
P.T. STA = 18+50.76

SCALE: 1" = 20'

PIPE CULVERT TO BE CLEANED 36"
78 L.F.

PC STA 15+27.75

PRC STA 17+47.27

PT STA 18+50.76

LIMITS OF CONSTRUCTION

PIPE CULVERT, CLASS D, TYPE 1 12"
48 L.F. @ 0.30%
T.B.F. = 9 CU. YD.

STA. 19+78.66, 25.81' LT.
METAL END SECTION 12"
INV. ELEV. = 525.34

F.E. 18" AGG.
STA. 20+04.43

PIPE CULVERT REMOVAL
37 L.F.

AGGREGATE BASE COURSE,
TYPE B 47.4 TONS

STA. 20+30.22, 26.54' LT.
METAL END SECTION 12"
INV. ELEV. = 525.49

MATCHLINE STA. 15+00.00

MATCHLINE STA. 21+00.00

EAST ENTRANCE DRIVE

11' ± 11' ± 1' SHLDR.

1' SHLDR.

90°00'00"

AGGREGATE WEDGE SHOULDER, TYPE B

PROPOSED ℄ EAST ENTRANCE DRIVE

STONE RIPRAP, CLASS A3
7 SQ. YD.

INLET AND PIPE PROTECTION, 1 EA.

TEMPORARY DITCH CHECK, 6 L.F. (EACH LOCATION)

PROFILE
SURVEYED
PLOTTED
CHECKED
NOTE BOOK
NO.
DRAWN
CHECKED
BM. NOTED
STRUCTURE NOTATIONS GIVEN
DATE
BY

PROPOSED EAST ENTRANCE ROAD PROFILE ALONG ℄

EXISTING EAST ENTRANCE ROAD PROFILE ALONG ℄

-0.62%
+1.01%
+0.43%
+0.30%

VPI STA. 15+40.00
ELEVATION 527.45

+90.00 EL. 527.99

VPI STA. 16+90.00
ELEVATION 529.06

+34.86, EL. 524.30

+40.00 EL. 528.52

+40.00 EL. 529.27

+04.35
EL. 524.51

+20.00 EL. 530.46

LT. & RT. DITCH

MATCH EXISTING DITCH

MATCH EXISTING DITCH

SSD = 172'
ex = -0.08'
K = 155
100.00' V.C.

EX. 12" CMP

12" CMP

LT. & RT. DITCH
INV. ELEV. = 525.49

INV. ELEV. = 525.34

SSD = 159'
ex = -0.39'
K = 51.8
400.00' V.C.

INV. ELEV. = 518.36

INV. ELEV. = 517.53

EXISTING
PROPOSED

SCALE
2"
20'

15+00	15+50	16+00	16+50	17+00	17+50	18+00	18+50	19+00	19+50	20+00	20+50	21+00
527.17 / 527.71	527.11 / 527.69	527.66 / 528.09	528.12 / 528.63	528.53 / 529.05	528.68 / 529.31	528.99 / 529.52	529.18 / 529.74	529.47 / 529.95	529.72 / 530.16	529.73 / 530.38	529.88 / 530.58	530.09 / 530.74

FILE NAME = L:\IDOT\118618\WO_13\Draw\CA00.Sheets\D746255.PNP East 026.dgn	USER NAME = Brian Bond	DESIGNED - BMB	REVISED -
Default		DRAWN - RAH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JMM	REVISED -
	PLOT DATE = 3/29/2013	DATE - 3/29/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EAST ENTRANCE DRIVE – PLAN & PROFILE SHEET
NEWTON LAKE STATE FISH AND WILDLIFE AREA

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N/A	PARKS ROADS	JASPER	66	47
		CONTRACT NO. 46255		
	ILLINOIS FED. AID PROJECT			