A STA 815+17.00, 45.0' RT
PR MH, T-A 4', T-1 F, CL
(STD 602401, 602601, 602701, 604001)
INV = 506.94
TOL = 510.30

B STA 815+18.00, 20.0' RT
PR MH, T-A 4' Ø
W/FSL, T-3 F&G
(STD 602401, 602601, 602701, 604006)
INV = 507.00 NOTE: CAN'T GO ANY HIGHER
TOG = 510.00 TOG ELEV CONTROLS
W/ 3.0' MIN Δ NEEDED
FROM INV TO TOG

C STA 815+80.00, 20.0' RT
1 - PR PRC FL END SEC 15" (STD 542301)

D STA 815+18.00, 20.0' LT
PR MH, T-A 4' Ø
W/FSL, T-3 F&G
(STD 602401, 602601, 602701, 604006)
INV = 507.10
TOG = 510.30

E STA 815+75.00, 20.0' LT
PR INLET, T-B
T-8G
(STD 602301, 604036)
INV = 507.26
TOG = 509.16

F STA 816+50.00, 20.0' LT
PR INLET, T-B
W/T-8G
(STD 602301, 604036)
INV = 507.41
TOG = 509.31

G STA 817+20.00, 20.0' LT
PR INLET, T-B
W/T-8G
(STD 602301, 604036)
INV = 507.55
TOG = 509.21

H STA 818+00.00, 20.0' LT
PR INLET, T-B
W/T-8G
(STD 602301, 604036)
INV = 507.71
TOG = 509.60

A - B PR S.S. CLA TY1 15" X 25.0'
USFL = 507.00
DSFL = 506.94

B - C PR S.S. CLA TY1 15" X 62.0'
USFL = 508.00
DSFL = 507.00

B - D PR S.S. CLA TY1 15" X 40.0'
USFL = 507.10
DSFL = 507.00

D - E PR S.S. (WMR) 15" X 57.0'
T-1
USFL = 507.26
DSFL = 507.15

E - F PR S.S. (WMR) 15" X 75.0'
T-1
USFL = 507.41
DSFL = 507.26

F - G PR S.S. (WMR) 15" X 70.0'
T-1
USFL = 507.55
DSFL = 507.41

G - H PR S.S. (WMR) 15" X 80.0'
T-1
USFL = 507.71
DSFL = 507.55

SEE SCHEDULES & DETAILS FOR ENTRANCE AND SIDEROAD IMPROVEMENTS

814+58.83 38.00' LT
17.47' RADIUS (BOC)

815+15.75 36.67' LT
15.62' RADIUS (BOC)

EX 12" X 53' CONC. SS. W/HDWL TBR

LT STA 816+14
EX 12" X 16' CMP TBR

LT STA 817+02
EX 12" X 18' CMP TBR

LT STA 817+68
EX 15" X 39' CMP TBR

STA 814+86.385 (EOD1)=
STA 10+00.00 (SOD1)

STA 814+80.947 (EOD1)=
STA 10+00.00 (SOD2)

89°-18'-07"

90°-02'-04"

EX 15" X 55' CONC. SS. W/HDWL TBR

PR C&G REM & REPL.
PR SW REM & REPL.
(STD 424001, 606001)
SEE SCHEDULES

EX 15" X 25' CONC. SS. TBR

815+18.05 34.69' RT
13.77' RADIUS (BOC)

STA 815+17.00
EX 12"/15" X 40' CLAY SS. TBR
2 - EX INLETS W GRATES TBR
EX 15"/18" CONC./CLAY S.S. TBR

MATCHLINE STA 818+00.00

N

EXIST. ℄ PROFILE IL 10

EXIST. DITCH PROFILE (LT.)

EXIST. DITCH, LT.
PR STORM SEWER, LT. (15")

MANHOLE "D" 815+18.00 510.30

INLET "E" 815+75.00 509.16

INLET "F" 816+50.00 509.31

INLET "G" 817+20.00 509.21

INLET "H" 818+00.00 509.60

57 LF 15" S.S. @ 0.20%
EL. 507.15

75 LF 15" S.S. @ 0.20%
EL. 507.26

70 LF 15" S.S. @ 0.20%
EL. 507.41

80 LF 15" S.S. @ 0.20%
EL. 507.55
507.71

	812+00	812+50	813+00	813+50	814+00	814+50	815+00	815+50	816+00	816+50	817+00	817+50	818+00
EXIST DITCH, LT.	510.54	510.49	510.47	510.36	510.26	510.27	510.29	510.48	508.65	508.46	510.28	510.19	508.63
PR STORM SEWER, LT. (15")								507.22	507.32	507.42	507.52	507.62	507.72
	511.18	511.22	511.21	511.17	511.11	511.07	510.98	510.84	510.78	510.78	510.78	510.83	510.89

PLAN: SURVEYED, PLOTTED, ALL ELEMENT CHECKED, RT. OF WAY CHECKED, CADD FILE NAME, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, ALL ELEMENT CHECKED, BM. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

FILE NAME = c:\pw_work\PWIDOT\LAUGHLINRL\dms20672\D672B52-sht-plan&pro.dgn
USER NAME = laughlinrl
PLOT SCALE = 40.0000 ' / IN.
PLOT DATE = Feb-09-2010 10:10:11AM
DESIGNED -
DRAWN -
CHECKED -
DATE -
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN AND PROFILE

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1585	3T	MASON	20	7
		CONTRACT NO. 72B52		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			