SEC. 8, T. 19 N, R. 10 E.

286+30.00 PROP. S.N. 010-8160
P.C.C. BOX CULVERT (SPECIAL)
1 @ 8' X 2' X 45'
U.S.F.L. 22.5', 286+30.00 RT, ELEV. = 671.55
D.S.F.L. 22.5', 286+30.00 LT, ELEV. = 671.40
BOX CULVERT END SECTION, CULVERT NO. 8

28-22-08-400-003
HERSHBERGER, JAMES
HERSHBERGER, MAX L.
AS TRUSTEE
5730017

289+00.00 PROP. S.N. 010-8161
P.C.C. BOX CULVERT (SPECIAL)
1 @ 8' X 2' X 46.5'
U.S.F.L. 23.3' RT 289+00.00, ELEV. = 671.55
D.S.F.L. 23.3' LT 289+00.00, ELEV. = 671.40
BOX CULVERT END SECTION, CULVERT NO. 9 = 2 EA.

A.R. STATION 289+00.00
EXISTING 24" CMP
PIPE CULVERT REMOVAL = 42.0'

A.R. STATION 289+46.56
EXISTING 2' X 2'
REMOVAL OF EXISTING STRUCTURE NO. 8

N

PROPOSED R.O.W.

EXISTING R.O.W.

12" CLAY

(W/V)

28.01'
22.09'
40.0'
45.0'

285+79.94
286+23.33 12' LT
286+36.67 12' LT
286+79.94
286+23.33 12' RT
286+36.67 12' RT
285+00
286
287
℄ FAU 7152 (U.S. 150)
288
288+49.94
288+93.33 12' LT
289+06.67 12' LT
289+49.94
288+93.33 12' RT
289+06.67 12' RT
289
290+00
3'
12'
29

EXISTING R.O.W.

(TEL)

(OPT)

CSX TRANSPORTATION, INC.
5730001

PERMANENT EASEMENT

CLASS D PATCH, TYPE IV, 8"

AGG WEDGE SHOULDERS, TYPE B

SEC. 17, T. 19 N, R. 10 E.

WATERWAY INFORMATION

Drainage Area = 0.3 sq. mi. Low Grade Elev. 675.04 @ Sta. 283+50.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	46	4	14				Over	673.3
Design	50	75	4	16				Over	674.0
Base	100	88	4	16				Over	674.2
Overtopping									
Max. Calc.	500	120	4	16				Over	Over

WATERWAY INFORMATION

Drainage Area = 0.3 sq. mi. Low Grade Elev. 675.04 @ Sta. 283+50.00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft. Exist.	Opening Sq. Ft. Prop.	Nat. H.W.E.	Head - Ft. Exist.	Head - Ft. Prop.	Headwater El. Exist.	Headwater El. Prop.
	10	46	4	14				Over	673.3
Design	50	75	4	16				Over	674.0
Base	100	88	4	16				Over	674.2
Overtopping									
Max. Calc.	500	120	4	16				Over	675.2

℄ FAU 7152 (U.S. 150)

DESIGN HIGH WATER ELEV = 674.0

DESIGN HIGH WATER ELEV = 674.0

-1.30%
+0.06%
+0.06%
-8.70%
-1.30%
-0.37%
+0.00%
+0.00%
+0.00%
+0.00%
+0.00%
+0.00%
+2.85%
+2.45%
+2.45%
+2.85%
+0.70%
+1.31%

EXISTING RIGHT DITCH
EXISTING LT. DITCH
PROPOSED RIGHT DITCH
PROPOSED LEFT DITCH

PROP. D.S.F. = 671.40 LT.
PROP. U.S.F. = 671.55 RT.

PROP. D.S.F. = 671.40 LT.
PROP. U.S.F. = 671.55 RT.

678 676 674 672 670 668 666 664 662

LEFT DITCH: 673.23/672.81 | 673.23/672.16 | 673.23/671.51 | 673.23/671.40 | 673.23/671.40 | 673.14/671.40 | 673.05/671.40 | 672.93/671.40 | 672.82/671.40 | 673.55/672.83 | 674.28/674.25 | 674.64/674.60 | 675.00/674.95

RIGHT DITCH: 672.30/672.30 | 672.33/672.33 | 672.36/672.36 | 672.31/671.55 | 672.26/671.55 | 672.36/671.55 | 672.46/671.55 | 672.45/671.55 | 672.44/671.55 | 673.22/672.77 | 674.00/674.00 | 674.85/674.68 | 675.69/675.37

674.99/675.06 | 675.00/675.07 | 675.01/675.08 | 675.02/675.09 | 675.05/675.12 | 675.09/675.16 | 675.13/675.20 | 675.35/675.42 | 675.60/675.67 | 675.88/675.95 | 676.37/676.44 | 676.86/676.93 | 677.39/677.46

285+00 285+50 286+00 286+50 287+00 287+50 288+00 288+50 289+00 289+50 290+00 290+50 291+00

FILE NAME = c:\pw_work\pwidot\ceaclock.jd\d0120316\D5708663-sht-drain.dgn	USER NAME = ceaclock.jd	DESIGNED JMS	REVISED -
		DRAWN JMS	REVISED -
	PLOT SCALE = 40.0200 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 10/18/2013	DATE 081610	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF A.R. BOX CULVERT(S) NO. 8 & 9
STA. 286+30.00 (S.N. 010-8160), STA. 289+00.00 (S.N. 010-8161)

SCALE: 1" = 20' | SHEET NO. 1 OF 11 SHEETS | STA. 285+00.00 TO STA. 291+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(2X,3)RS-3 & 2RS-4	CHAMPAIGN	55	21
* F.A.U. 7152 & F.A.S. 1512		CONTRACT NO. 70663		
	ILLINOIS FED. AID PROJECT			

PLAN: CONVERTED | PLOTTED | ALIGNMENT CHECKED | GRADES CHECKED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | PATH AND FILE NAME | BY | DATE

PROFILE: CONVERTED | PLOTTED | GRADES CHECKED | STRUCTURE NOTATIONS CHKD | NOTE BOOK | NO. | BY | DATE