SEC. 9, T. 19 N, R. 10 E.

28-22-09-300-01
RUSSELL, RAY JR.
AS TRUSTEE
5730019

316+00.00 PROP. S.N. 010-8162
P.C.C. BOX CULVERT (SPECIAL)
1 @ 12' X 2' X 46.5'
U.S.F.L. 23.5' LT, 316+00.00, ELEV. = 667.98
D.S.F.L. 23.5' RT, 316+00.00, ELEV. = 667.88
BOX CULVERT END SECTION, CULVERT NO. 10 = 2 EA.

A.R. STATION 316+00.00
EXISTING 36" X 24" ELLIPTICAL CMP
PIPE CULVERT REMOVAL = 42.0'

CLASS D PATCH, TYPE IV, 8"

AGG WEDGE SHOULDERS, TYPE B

PROPOSED R.O.W.

EXISTING R.O.W.

℄ FAU 7152 (U.S. 150)

315+91.00 12' LT
316+09.00 12' LT
315+50.00
315+91.00 12' RT
316+09.00 12' RT
316+50.00

313 314 315+00 317 318

28.0'
23.1'
12' 3' 3'
12' 3' 3'
45°
45°

CSX TRANSPORTATION, INC.
5730001

PERMANENT EASEMENT

N

SEC. 16, T. 19 N, R. 10 E.

WATERWAY INFORMATION

Drainage Area = 2.11 sq. mi. Low Grade Elev. 672.05 @ Sta. 316+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	76	12	24				670.7	669.9
Design	50	119	12	24				Over	670.4
Base	100	137	12	24				Over	670.7
Overtopping									
Max. Calc.	500	181	12	24				Over	671.6

674 672 670 668 666 664 662 660 658

-0.16% -0.36% -0.16% -0.36% -0.85% -0.59% -0.85% -0.59% -1.91% -2.06% -2.25% -1.98% +0.48% +0.73% +0.48% +0.73% +0.20% +0.29%

℄ FAU 7152 (U.S. 150)

DESIGN HIGH WATER ELEV = 689.40

EXISTING RIGHT DITCH

EXISTING LT. DITCH

PROPOSED LEFT DITCH

PROPOSED RIGHT DITCH

PROP. D.S.F.L. = 667.88 RT.
PROP. U.S.F.L. = 667.98 LT.

	313+00	313+50	314+00	314+50	315+00	315+50	316+00	316+50	317+00	317+50	318+00	318+50	319+00
LEFT DITCH	670.86	670.68	670.50	670.20	669.91	669.33	668.75	669.49	670.23	670.47	670.71	670.81	670.91
	670.86	670.68	670.50	670.20	669.91	668.95	667.98	669.11	670.23	670.47	670.71	670.81	670.91
RIGHT DITCH	670.97	670.88	670.79	670.37	669.95	669.13	668.31	669.09	669.86	670.23	670.59	670.74	670.88
	670.95	670.87	670.79	670.37	669.94	668.91	667.88	668.87	669.86	670.23	670.59	670.74	670.88
	672.85	672.78	672.72	672.50	672.28	672.06	671.95	671.98	672.05	672.10	672.13	672.16	672.12
	672.92	672.85	672.79	672.57	672.35	672.13	672.02	672.05	672.12	672.17	672.20	672.23	672.19

PLAN — SCANNED / PLOTTED / DRAWN / CHECKED / R.L. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SCANNED / PLOTTED / DRAWN / CHECKED / R.L. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE / STRUCTURE NOTATIONS TOPPED

FILE NAME = c:\pw_work\pwidot\cmarlock_jd\d0120316\D5706663-sht-drain.dgn
USER NAME = cma-lock_jd
PLOT SCALE = 40.0000 ' / in.
PLOT DATE = 10/10/2013

DESIGNED JMS
DRAWN JMS
CHECKED -
DATE 081610

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF A.R. BOX CULVERT NO. 10
STA. 316+00.00, S.N. 010-8162

SCALE: 1" = 20' | SHEET NO. 1 OF 6 SHEETS | STA. 313+00.00 TO STA. 319+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	(2X,3)RS-3 & 2RS-4	CHAMPAIGN	551	222
• F.A.U. 7152 & F.A.S. 1512		CONTRACT NO. 70663		
ILLINOIS FED. AID PROJECT				