Ⓐ STONE RIPRAP
CLASS B4
L20′ X W20′

Ⓑ STONE RIPRAP
CLASS B4
L100′ X W20′

Ⓒ STONE RIPRAP
CLASS B4
L25′ X W25′

Ⓓ STONE RIPRAP
CLASS B4
L20′ X W20′

(EX1)(EX2)(EX3)(EX4)
EX1 EX2

SEE DETOUR 1 DRAINAGE PLANS FOR STAGE 1 CONSTRUCTION AND EXISTING STRUCTURE DRAINAGE INFORMATION

(54) SEE BOGUS HOLLOW ROAD DRAINAGE PLANS FOR CULVERT INFORMATION

4 STAGE 2 CONSTRUCTION:
STA. 527+65.00 (US 34) 129.0′ RT
MANHOLES, TYPE A, 7′ DIA
WITH SPECIAL FRAME & GRATE
(604101) GRATE EL = 670.50

TREE REMOVAL SHALL BE APPROVED BY ENGINEER PRIOR TO REMOVAL. LEAVE ALL TREES OUTSIDE CONSTRUCTION LIMITS (STA. 524+00 TO STA. 528+00)

(6) STAGE 1 CONSTRUCTION:
80′ PIPE CULVERTS, CLASS A, TYPE 1, 24″
1 PRCFES 24″
USFL = 672.93, 525+00.00, 1.56′ LT
DSFL = 672.50, 525+00.00, 87.00′ LT

3 STAGE 1 CONSTRUCTION:
STA. 525+00.00 ℄ (US 34)
MANHOLES, TYPE A, 4′ DIA
WITH MEDIAN INLET (604101)
GRATE EL = 676.51

STAGE 2 CONSTRUCTION:
STA. 526+00
EARTH MEDIAN DITCH CHECK
(STD 202001)
TOP EL = 677.10

5 STAGE 2 CONSTRUCTION:
STA. 529+83.59 (US 34) 6.00′ RT
MANHOLES, TYPE A, 5′ DIA
WITH MEDIAN INLET (604106)
GRATE EL = 679.26

(55) STAGE 1 CONSTRUCTION:
71′ PCBC 3′ X 3′, ASTM C 1577
DESIGN FILL = 2.4 MIN / 3.0 MAX, PGE = 97 CU YD
2 BOX CUL END SEC C6
USFL = 674.65, 149+00.00 (TR 111), 41.00′ RT
DSFL = 674.15, 149+00.00 (TR 111), 42.00′ LT

SEE SCHEDULE OF QUANTITIES FOR PIPE UNDERDRAIN OUTLETS LOCATION, OFFSET, AND ELEVATION

SEE PIPE UNDERDRAIN SHEETS FOR UNDERDRAIN PROFILES AND INVERTS AT EDGE OF PAVEMENT

(7) STA. 527+65.00 (US 34)
STAGE 1 CONSTRUCTION:
INSTALL 80′ PIPE CULVERTS
CLASS A, TYPE 2, 42″
W / TEMPORARY CAPS
USFL = 673.42, 527+65.00
US OFFSET = 80.86′ LT
DSFL = 669.80, 527+65.00
DS OFFSET = 1.23′ LT
STAGE 2 CONSTRUCTION:
REMOVE TEMP CAPS
INSTALL 1 PRCFES, 42″
USFL = 673.80, 527+65.00
US OFFSET = 89.00′ LT
DSFL = 673.42, 527+65
DS OFFSET = 80.86′ LT
INSTALL 128′ PIPE CULVERTS
CLASS A, TYPE 2, 42″
USFL = 669.80, 527+65.00
US OFFSET = 1.23′ LT
DSFL = 664.00, 527+65.00
DS OFFSET = 126.25′ RT

(T1) STAGE 1 CONSTRUCTION:
101′ PIPE CULVERTS, CLASS D, TYPE 2, 18″ (TEMPORARY)
USFL = 676.89, 529+83.59, 1.00′ RT
DSFL = 676.22, 529+83.59, 100.00′ LT
STAGE 2 CONSTRUCTION:
GROUT & FILL

(8) STAGE 2 CONSTRUCTION:
80′ PIPE CULVERTS, CLASS A, TYPE 2, 30″
1 PRCFES 30″
USFL = 674.32, 529+83.59, 8.17′ RT
DSFL = 673.89, 529+83.59, 94.00′ RT

SEE BOGUS HOLLOW RD DRAINAGE PLANS FOR DITCH INFORMATION

REGRADE EXISTING DITCH TO DRAIN AS REQUIRED

MATCH LINE STA. 524+00

MATCH LINE STA. 536+00

PR TE
CONST LIMIT
AC
PR ROW & A/C
EX ROW & A/C
TR 111
L150+00
L350-E
525+00
530+00
535+00
℄ U.S. RTE. 34
℄ EX U.S. RTE. 34
EX ROW
DETOUR 1 LT DITCH
4′ FB DITCH
GRADE TO DRAIN
BOGUS HOLLOW RD.
EX 36″ CMP
EX 3X2 RCB
EX 36″ CMP
EX 36″ CMP

N
50′ 0 50′ 100′
HORIZONTAL SCALE

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
BRIDGE NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK NO.
BY
DATE

700 695 690 685 680 675 670 665 660

PROPOSED MEDIAN DITCH PROFILE
PROPOSED US ROUTE 34 AT PGL
EXISTING ℄ PROFILE
LT DITCH PROFILE
RT DITCH PROFILE
PR WT WBL ℄ -0.33%
+00.00, 5.40′ RT FL 676.84
+00.00, 4.07′ LT FL 677.13
+00.00, 4.53′ LT FL 677.75
+00.00, 3.50′ LT FL 679.34
+00.00 ℄ FL 676.51
+00.00 RT FL 677.10
+00.00 LT FL 675.12
+43.00 LT FL 674.15
+45.00 LT FL 674.65
+83.59, 6.00′ RT FL 679.26
+94.41 ℄ FL 684.93
+00.00 LT FL 679.86
+00.00 RT FL 680.20
+00.00 LT FL 671.50
+00.00 LT FL 673.31
+00.00 RT FL 672.81 MATCH EX GROUND
+65.00 LT FL 673.80
+65.00 RT FL 670.50
+00.00 RT FL 673.22 MATCH RT DITCH PROFILE BOGUS HOLLOW RD STA. 8+80.00 (BOGUS HOLLOW RD)
+83.59 RT FL 673.51
+00.00 RT FL 675.84
+0.50% RT
+1.00% LT
+3.62% LT
+1.81% LT (TEMP)
+0.62%
+1.59%
-0.80% LT
+0.30% LT (TEMP)
-1.40% RT
+0.45% LT
+0.30% RT
+2.00% RT
+1.38%
+1.47% LT
+0.87% RT
LT DITCH PROFILE (STAGE 2 AND 3 CONSTRUCTION)
TEMP LT DITCH PROFILE (STAGE 1 CONSTRUCTION)

SEE DETOUR 1 DRAINAGE PLANS FOR ADDITIONAL STAGE 1 CONSTRUCTION AND TEMPORARY DRAINAGE INFORMATION

50′ 5′

	524+00	525+00	526+00	527+00	528+00	529+00	530+00	531+00	532+00	533+00	534+00	535+00	536+00
EX ℄ EL	675.85	675.81	676.52	676.81	677.38	677.20	675.75	674.11	674.55	676.72	680.68	677.10	676.53
PR PGL EL	679.19	679.42	679.65	679.89	680.12	680.35	680.59	680.82	681.08	681.39	681.76	682.19	682.67

EX ℄ EL	676.61	677.32	677.74	678.35	678.61	682.14	684.23	685.07	685.81	686.34	686.91	687.48
PR PGL EL	683.21	683.80	684.45	685.15	685.90	686.69	687.47	688.26	689.04	689.83	690.60	691.37

FILE NAME = D468409-sht-02-drain-US34-02.dgn	USER NAME = zachl	DESIGNED - DBS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN AND PROFILE US ROUTE 34
		DRAWN - PSBA	REVISED -		
	PLOT SCALE = 100.0000 ′ / in.	CHECKED - CSB	REVISED -		
	PLOT DATE = 10/16/2012	DATE - 10/2012	REVISED -		SCALE: 1″=50′ · SHEET NO. 2 OF 61 SHEETS · STA. 524+00 TO STA. 536+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2 ; 6-1	HENDERSON	976	276
		CONTRACT NO. 68409		
		ILLINOIS FED. AID PROJECT		