Ⓐ STONE RIPRAP
CLASS B4
L20′ X W25′

Ⓑ STONE RIPRAP
CLASS B4
L20′ X W20′

Ⓒ STONE RIPRAP
CLASS B5
L24′ X W20′

Ⓓ STONE RIPRAP
CLASS B4
L60′ X W16′

Ⓔ STONE RIPRAP
CLASS B4
L20′ X W10′

① STA. 515+00.00 (US 34) SKEW = 36° 22′ LA
30′ PIPE CULVERTS, CLASS A, TYPE 2, 24″
1 PRCFES 24″
USFL = 657.24, 514+99.07, 99.38′ RT
DSFL = 656.40, 514+78.00, 128.00′ RT

[1] STA. 515+00.00, 98.12′ RT (US 34)
MANHOLES, TYPE A, 4′ DIA
FRAME & CLOSED LID (604001)
LID EL = 667.77

② STA. 515+72.24 (US 34) SKEW = 36° 22′ LA
SEE SPECIAL DETAIL
JACKED PIPE INSTALLATION
138′ PIPE CULVERTS, CLASS A 24″ (JACKED)
90′ PIPE CULVERTS, CLASS A, TYPE 2, 24″
1 PRCFES 24″
USFL = 669.08, 516+39.24, 91.00′ LT
DSFL = 661.61, 515+00.93, 96.86′ RT

③ 26′ PIPE CULVERTS, CLASS D, TYPE 2, 18″
2 MFES 18″
USFL = 669.70, 516+59.66, 88.00′ RT
DSFL = 669.46, 516+33.66, 88.00′ RT

④ STA. 520+85.00 (US 34) SKEW = 42° 17′ LA
37′ PIPE CULVERTS, CLASS A, TYPE 2, 36″
1 PRCFES 36″
USFL = 661.07, 520+98.40, 84.76′ RT
DSFL = 660.70, 520+70.00, 116.00′ RT

[2] STA. 521+00.00, 83.00′ RT (US 34)
MANHOLES, TYPE A, 6′ DIA
FRAME & CLOSED LID (604001)
LID EL = 675.11, 81.00′ RT

⑤ STA. 521+94.86 (US 34) SKEW = 48° 49′ LA
SEE SPECIAL DETAILS
JACKED PIPE INSTALLATION
140′ PIPE CULVERTS, CLASS A, 36″ (JACKED)
116′ PIPE CULVERTS, CLASS A, TYPE 2, 36″
1 PRCFES 36″
USFL = 669.51, 523+00.00, 92.00′ LT
DSFL = 664.24, 521+01.79, 81.43′ RT

POND
TO BE
REGRADED
BY OWNER

4′ FB DITCH, 1:3 S.S.
GRADE TO DRAIN

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

MATCH LINE STA. 512+00

MATCH LINE STA. 524+00

EX ROW

PR ROW & A/C

CONST LIMIT

PR TE

30″ CMP

36″ CMP

FUTURE W.B.L. US ROUTE 34

℄ U.S. RTE. 34

I 515+00

I 520+00

TREE REMOVAL SHALL BE
APPROVED BY ENGINEER
PRIOR TO REMOVAL
LEAVE ALL TREES OUTSIDE
CONSTRUCTION LIMITS
(STA. 515+00 TO STA. 524+00)

N

50′ 0 50′ 100′
HORIZONTAL SCALE

PROFILE

EX ℄ US 34

PROPOSED US ROUTE 34 AT PGL
PR ℄ US 34 WT-EBL

PROPOSED MEDIAN DITCH PROFILE

RT DITCH PROFILE

LT DITCH PROFILE

EXISTING ℄ PROFILE

+80.00 RT
FL 656.44

+10.80% RT

+00.00 RT
FL 669.16

-1.44%

+00.00 LT
FL 672.00

+39.24 LT
FL 669.08

+0.90% RT

+0.90% LT

+00.00 RT
FL 671.86

-3.86% RT

+00.00 RT
FL 668.00

+00.00 LT
FL 672.33

-10.43% RT

+70.00 RT
FL 660.70

+11.00% RT

+00.00 RT
FL 675.00

+00.00, 11.15′ RT
FL 677.17

-0.97%

+00.00, 16.66′ RT
FL 678.14

+00.00, 5.40′ RT
FL 676.84

-0.33%

+0.50% RT

-0.94% LT

+00.00 LT
FL 669.51

+1.00% LT

50′
5′

	512+00	513+00	514+00	515+00	516+00	517+00	518+00	519+00	520+00	521+00	522+00	523+00	524+00
EX ℄ EL	667.94	670.55	670.65	672.56	672.87	673.09	672.14	673.12	672.13	671.00	671.30	672.61	674.88
PR PGL EL	673.82	673.93	674.09	674.30	674.54	674.77	675.00	675.23	675.47	675.70	675.93	676.16	676.40
	675.55	676.24	676.47	676.29	673.88	670.19	671.83	672.73	673.97	674.70	676.04	675.85	
	676.63	676.86	677.10	677.33	677.56	677.79	678.03	678.26	678.49	678.72	678.96	679.19	

FILE NAME = D468409-sht-01-drain-US34-01.dgn	USER NAME = zachl	DESIGNED - DBS	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - PSBA	REVISED -	
	PLOT SCALE = 100.0000 ′ / in.	CHECKED - CSB	REVISED -	
	PLOT DATE = 10/16/2012	DATE - 10/2012	REVISED -	

DRAINAGE PLAN AND PROFILE
US ROUTE 34

SCALE: 1″=50′ | SHEET NO. 1 OF 61 SHEETS | STA. 512+00 TO STA. 524+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
313	7-2 ; 6-1	HENDERSON	976	275
		CONTRACT NO. 68409		
	ILLINOIS FED. AID PROJECT			

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

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