STONE RIPRAP CL A4, 15.2 SQ YD
FILTER FABRIC FOR RIPRAP, 15.2 SQ YD
L=16'

PROP. R.O.W. PROP. R.O.W.

MATCH LINE A

SEE MATCH LINE A

WETLAND SITE 5

NO WETLAND IMPACTS

NOTE: SEE SHEET 255 FOR DRAINAGE PLAN AND PROFILE ON NORTH SIDE OF US ROUTE 14.

℄ PROP. U.S. ROUTE 14

℄ EX. U.S. ROUTE 14

MATCH LINE STA. 390+00
SEE SHEET 255

MATCH LINE STA. 404+00
SEE SHEET 257

PROP. R.O.W.

EX. R.O.W.

390+00 | 55+00 | 60+00 | 395+00 | 400+00 | 65+00

CONNECT EX 15" RCP TO PR STRUCTURE

180' - PR PAVED DITCH TYPE B-30 @ 0.14%

SEE SHEET 268
MATCH LINE STA 1+50

℄ EX. DOTY RD.

BEGIN PAVED DITCH
STA. 0+90.50, 60.1' RT, INV. 925.85

DRAINAGE LEGEND

- PROPOSED INLET
- PROPOSED MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED DRY WELL
- PROPOSED CULVERT END SECTION
- PROPOSED PAVED DITCH
- EXISTING CULVERT
- EXISTING STORM SEWER
- PROPOSED STORM SEWER
- PROPOSED UNDERDRAIN
- PROPOSED SUMMIT
- PROPOSED SWALE
- PROPOSED DITCH
- RT DITCH PROFILE
- LT DITCH PROFILE
- (XX) PROPOSED PIPE
- XX PROPOSED STR.
- WETLAND IMPACTS

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

PROFILE
SURVEYED
PLOTTED
DRAWN CHECKED
B.M. NOTED
STRUCTURE NO'S CHK'D
NOTE BOOK
NO.
BY
DATE

LEGEND:
DS- 105 DRAINAGE STRUCTURE NO.
L LENGTH OF PIPE
S SLOPE OF PIPE
SS- 105 STORM SEWER NO.

PROP. U.S. ROUTE 14 PGL

EXISTING GROUND AT PROP. ℄ U.S. ROUTE 14

L=89.54 FT
STORM SEW CL A 1 24
S=0.50%
SS- 301

L=96.87 FT
SS CL A 2 EQRS 30
S=0.20%
SS- 354

L=94.44 FT
SS CL A 2 EQRS 30
S=0.20%
SS- 357

L=39.90 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 361

L=49.60 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 363

L=114.00 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 364

L=31.00 FT
SS CL A 2 EQRS 24
S=0.20%
SS- 370

L=28.34 FT
SS CL A 2 EQRS 24
S=0.53%
SS- 371

L=58.22 FT
STORM SEW CL A 1 15
S=0.50%
SS- 377

L=19.05 FT
STORM SEW CL A 1 15
S=0.50%
SS- 418

L=15.11 FT
STORM SEW CL A 2 15
S=0.53%
SS- 376

L=18.27 FT
STORM SEW CL A 1 15
S=1.09%
SS- 386

L=206.01 FT
STORM SEW CL A 2 15
S=0.40%
SS- 381

STA. 397+33.34
+05 930.50
+15 929.20
+00.00 929.94
928.15

LEFT DITCH PROFILE BETWEEN NB LANES AND MULTI-USE PATH

+40 934.96
+00 934.10
+45 934.10
+00 933.60
+00 933.20

+1.70%
+0.40%
-0.54%
-0.40%

RIGHT DITCH PROFILE

RIGHT DITCH PROFILE

950 945 940 935 930 925 920 915

939.56 939.00 | 938.55 938.11 | 936.98 937.23 | 935.64 936.34 | 934.09 935.46 | 933.26 934.58 | 932.66 933.69 | 932.45 932.25 | 933.25 932.83 | 932.01 932.44 | 931.78 932.09 | 931.68 931.78 | 931.58 931.51 | 931.47 931.27 | 931.37 931.08 | 931.34 930.92 | 931.32 930.79 | 931.30 930.71 | 931.28 930.66 | 931.34 930.65 | 931.34 930.68 | 931.33 930.75 | 931.32 930.85 | 931.34 930.99 | 931.36 931.17 | 931.38 931.30 | 931.64 931.55 | 931.93 931.67 | 932.26 931.78 | 932.62 931.91 | 933.03 932.60 | 933.86 933.23 | 934.69 934.37 | 935.52 934.87 | 935.91 935.38 | 936.26 935.92 | 936.57 936.39 | 936.83 936.85 | 937.05 937.30 | 937.23 937.59 | 937.36 937.88 | 937.45 938.14 | 937.49 938.30 | 937.50 938.45 | 937.46 938.50 | 937.37 938.55 | 937.24 938.58 | 937.07 938.38 | 936.86

390+00 | 391+00 | 392+00 | 393+00 | 394+00 | 395+00 | 396+00 | 397+00 | 398+00 | 399+00 | 400+00 | 401+00 | 402+00 | 403+00 | 404+00

11-07-2013, 16:41:01
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HECHTBR

FILE NAME = $FILE1$	USER NAME = HECHTBR	DESIGNED -	REVISED -
		DRAWN - MRK	REVISED -
exp U.S. Services Inc. Chicago, IL BUILDINGS · EARTH & ENVIRONMENT · ENERGY INDUSTRIAL · INFRASTRUCTURE · SUSTAINABILITY	PLOT SCALE = $SCALE$	CHECKED - TKL	REVISED -
	PLOT DATE = $DATE$	DATE - 11/01/13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 14

PROPOSED DRAINAGE
U.S. ROUTE 14 PLAN & PROFILE – SOUTH SIDE
STA. 390+00 TO STA. 404+00

SCALE: HORIZ. 1"=50' VERT. 1"=5' STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
305	27R-2	MCHENRY	673	256
		CONTRACT NO. 62268		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		