Washington Street

Sanitary Lift Station

East Big Horn Drive

PROP. R.O.W.

75+00

80+00

SANITARY LIFT STATION AND DETENTION BASIN ACCESS POINT

PROP. ℄ WASHINGTON STREET

BIKE PATH PATCH

EXIST. FES TO BE REMOVED

NOTE: SEE SHEETS DU 25 FOR BACKFLOW VALVE STRUCTURE DETAILS

CONTOUR DATA WEST OF THIS LIMIT IS FROM SURVEY. IT MOST ACCURATELY DEFINES THE GROUND IN THE AREA OF BASIN 1 WHERE SUBSTANTIAL GRADING IS REQUIRED.

STONE RIP RAP CLASS A4 12 SQ. YD.

GA

GB

G-1

G-2

G-3

EXIST. INV: 778.62

BIKE PATH PATCH

STONE RIP RAP CLASS A5 15 SQ. YD.

EXIST. INV: 780.90

EXIST. INV: 779.99

WETLAND LIMITS

EXIST. INV: 782.58

DETENTION 2-YR HWL 781.77

DETENTION 100-YR HWL 782.79

PROP. BASIN #1 ADDITIONAL 0.76 AC-FT PROVIDED DETENTION AND COMPENSATORY STORAGE HWL 782.00

EL. = 780.00

VARIES

SECTION A-A

EL. = 780.00

10'

SECTION B-B

HIGH WATER LEVEL AND EXISTING CONTOURS FROM RESURFACING PLANS BY ENVIRODYNE ENGINEERING, DATED AUG, 1990; AND PROPOSED BIKEPATH PLANS BY LCDOT DATED NOV 30, 2001

LEGEND:

BOUNDARY LINES/SYMBOLS	EXISTING	PROPOSED
REFERENCE LINE/CENTERLINE OFFSET AND STATIONING	10+00	10+00
CONTOURS	881	881
2-YR DETENTION HIGH WATER LEVEL (HWL)	790	
100-YR DETENTION HIGH WATER LEVEL (HWL)		

STORM SEWER SCHEDULE

PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
GA	G-2	G-1	30	24	P CUL CL A 1 24	4.23	0.00
GB	G-3	G-2	8	24	P CUL CL A 1 24	4.13	0.00

DRAINAGE STRUCTURE SCHEDULE

STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET		RIM ELEV.	INVERT (N)	INVERT (S)	INVERT (W)	INVERT (E)
G-1	GRATED CULVERT END SEC 24	75+80.54	218.78	RT	782.40			780.40	
G-2	MAN TA 4 DIA TIP CL	75+99.06	190.52	RT	783.50			781.67	781.67
G-2	SUP ON FLAT BOTTOM CHECK VALVE 24"	75+99.06	190.52	RT	783.50			781.67	781.67
G-3	GRATED CULVERT END SEC 24	77+06.35	181.34	RT	784.00				782.00

PATRICK ENGINEERING

PATRICK ENGINEERING INC.
4970 VARSITY DRIVE
LISLE, IL 60532
patrickengineering.com

USER NAME = zciaromski(Rdwy_Lisle)	DESIGNED - ZSC	REVISED 1 -05/11/2015 ADDENDUM
PLOT CONFIG= PDF(Grey_Small).plt	DRAWN - ZSC	REVISED -
=	CHECKED - EYC	REVISED -
PLOT DATE = 5/8/2015 2:59:10 PM	DATE - 4/23/2015	REVISED -

LakeCounty
Division of Transportation

WASHINGTON STREET FROM HAINESVILLE TO HARYAN WAY
BASIN 1 GRADING PLAN

SCALE: 1"=30' | SHEET NO. DU 23 OF 53 | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
187	11-00121-10-WR	LAKE	439	118

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

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