CONTRACT NO. 85390

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	03-00520-00-WR	WINNEBAGO	254	121
STA. 278+00		TO STA. 284+00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.O.W. CHECKED / BLK. NOTED / STRUCTURE NOTATING DRWD / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADE CHECKED / BLK. NOTED / STRUCTURE NOTATING DRWD / NOTE BOOK / NO. / BY / DATE

N W E S

STA. 278+67.78 73.78' LT
INLETS TB T8G
RIM ELEV = 843.50

CONC. HEADWALL REMOVAL

STA. 278+67.46 53.00' LT
INLET SPECIAL NO. 3
WEIR ELEV = 841.43

EXISTING RIGHT-OF-WAY

I.P. FND

21' STORM SEW WATER MN 18
℄ 839.00 - 837.65

+99 ADJ MH

+13 ADJ MH

S.B. #27

HARRISON AVENUE

STA. 278+63.04 6.50' LT
MAN TA 5 DIA TIF CL
RIM ELEV = 842.67

MATCH LINE STA. 278+00

278

279

30" RCCP

109' STORM SEW CL A 1 12
℄ 839.46 - 838.32

STA. 278+90 11.58' LT
INLETS TA T12 F&G
GUTTER ℄ = 842.22

23' STORM SEW CL A 1 12
℄ 838.32 - 838.60

STA. 278+63 54.83' RT
INLET SPECIAL NO. 5
WEIR ELEV = 841.36

+63 ADJ MH

RIM 840.04
INV 835.54 N
INV 835.04 E

36" S.S.

I.P. FND

+54 ADJ MH

+58 ADJ MH

TIE MH

RIM 839.38
INV 832.34 NW

STA. 280+52.16 71.92' LT
MAN TA 4 DIA TIF CL
RIM ELEV = 839.54
REMOVE EXISTING INLET

RIM 840.65
INV 837.09 SE

15" S.S.

RIM 840.59
INV 836.84 N

MULFORD ROAD

280+00

16

98°18'22"

81°57'57"

14' STORM SEW CL A 1 15
℄ 835.89 - 835.73

STA. 280+70.66 74.75' LT
INLET SPECIAL NO. 3
WEIR ELEV = 838.76

92' STORM SEW CL A 1 15
℄ 835.63 - 834.35
1 EA PRC FLAR END SEC 15

RIM 839.78
INV 835.28 NW

I.P. FND

I.P. FND

12" S.S.

RIM 837.90
FILLED

+16 ADJ MH

19' PIPE CULVERT REMOVAL

15"

12"

14' STORM SEW WATER MN 12
℄ 834.26 - 834.00
1 EA END SEC 12

I.P. FND

EXISTING RIGHT-OF-WAY

STA. 282+00 54.83' LT
INLET SPECIAL NO. 5
WEIR ELEV = 837.68

14' STORM SEW WATER MN 12
℄ 832.26 - 832.00
1 EA END SEC 12

STA. 284+00 47.83' LT
INLET SPECIAL NO. 5
WEIR ELEV = 835.68

STA. 282+11 11.58' RT
INLETS TA T11 F&G
GUTTER ℄ = 838.72

STA. 283+43.57 4.57' RT
INLETS TA T11 F&G
GUTTER ℄ = 837.38

281

282

283

130' STORM SEW CL A 2 12
℄ 834.50 - 833.15

HARRISON AVENUE

STA. 284+00 42.72' RT
INLET SPECIAL NO. 5
WEIR ELEV = 835.81

MATCH LINE STA. 284+00

TEL

EXISTING RIGHT-OF-WAY

25' STORM SEW CL A 1 12
℄ 833.80 - 832.45
1 EA PRC FLAR END SEC 12

SCALE IN FEET
0 20 40

℄ PROPOSED DRAINAGE PROFILE, LEFT
℄ PROPOSED DRAINAGE PROFILE, MEDIAN
℄ PROPOSED DRAINAGE PROFILE, RIGHT

EXISTING PROFILE GRADE ALONG ℄

PROPOSED PROFILE GRADE

	278+00	279+00	280+00	281+00	282+00	283+00	284+00
EXISTING	843.59 / 843.32	843.36 / 843.10	843.09 / 842.88	842.82 / 842.66	842.55 / 842.45	842.28 / 842.23	841.95 / 842.01
	841.61 / 841.79	841.33 / 841.57	841.13 / 841.36	840.87 / 841.14	840.60 / 840.92	840.42 / 840.70	840.35 / 840.48
	840.17 / 840.27	839.99 / 840.05	839.93 / 839.83	839.88 / 839.61	839.79 / 839.39	839.55 / 839.18	839.31 / 838.96
	839.04 / 838.74	838.78 / 838.52	838.53 / 838.30	838.28 / 838.09	838.00 / 837.87	837.73 / 837.65	837.54 / 837.43
	837.35 / 837.21	837.10 / 837.00	836.47 / 836.78				

855 850 845 840 835 830 825 820 815

842.67 842.66 842.50 842.22 841.36 842.01 842.45

5% 1.22% 6.43%

837.37 837.54 837.09 836.99 836.84 832.68

EXISTING 12" EXISTING 16" EXISTING 16" EXISTING 16"

23' STORM SEW CL A 1 12
℄ 838.32 - 838.60

21' STORM SEW CL A 1 15
℄ 839.00 - 837.65

109' STORM SEW CL A 1 12
℄ 839.46 - 838.32

839.54 838.76 834.35 831.68 838.72 837.38 835.68

1.14% 1.39% 1.04% 1.46%

14' STORM SEW CL A 1 15
℄ 835.89 - 835.73

92' STORM SEW CL A 1 15
℄ 835.63 - 834.35
1 EA PRC FLAR END SEC 15

14' STORM SEW CL A 1 12
℄ 834.26 - 834.00
1 EA END SEC 12

130' STORM SEW CL A 2 12
℄ 834.50 - 833.15

12' STORM SEW CL A 1 12
℄ 832.26 - 832.00
1 EA END SEC 12

HARRISON AVENUE DRAINAGE DETAILS – STA. 278+00 TO 284+00