85478

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5031	04-00344-00-TL	WINNEBAGO	28	7
	ILLINOIS	CONTRACT NO.		85478

BENCHMARK:

BM #5 - EAST BOLT ON FIRE HYDRANT LOCATED ACROSS FROM THE ENTER/EXIT OF RALSTON ELEMENTARY ON THE SOUTH SIDE OF RALSTON ROAD BETWEEN GENTIAN DRIVE & BLUEBONNET DRIVE, APPROXIMATELY 250' EAST OF THE INTERSECTION OF RALSTON ROAD & BLUEBONNET DRIVE
ELEV = 741.42

NOTE:
GASKET IN STORM SEWER WITHIN 10' OF WATER

NOTE:
REMOVE RAISED REFLECTIVE MARKERS BEFORE OVERLAYING

TO BE REMOVED 10"ø TREE
TO BE REMOVED EXISTING 12"ø RCCP STORM SEWER
170'
EXISTING R.O.W.
ADJUST SAN MH #139-074 T CAST 734.67 INV 724.00
TO BE REMOVED CURB INLET T CAST 734.64 INV 730.19
STA 10+99.26 34.50 LT 734.63 TC
34.29 LT. STA. 11+02.88 INLET SPECIAL NO 2 TC 734.68 INV 729.44
75'
27' - 12"ø RCCP STORM SEWER @ 1.0%
FUTURE CONCRETE WALK (BY OTHERS)
6 - 2"ø TELEPHONE CONDUITS
EXISTING 18"ø RCCP STORM SEWER
CONCRETE CURB & GUTTER TYPE B6.24
RELOCATE MAILBOX
ADJUST STORM MH T CAST 734.60 INV 729.17
EXISTING 12"ø RCCP STORM SEWER
8' - 12"ø RCCP STORM SEWER @ 1.0%
2"ø GAS
6"ø GAS
FIBER OPTIC
TO BE REMOVED CURB INLET TC 734.65 INV 730.33
22.50 RT. STA. 10+93.62 INLET SPECIAL NO 2 TC 734.78 INV 730.41
STA. 11+97.83 28.50 RT 736.21 PVMT
STA. 12+17.69 28.50 RT 736.48 PVMT
NEW CONCRETE APRON
24.57 LT. STA. 12+64.64 INLET SPECIAL NO 2 TC 737.38 INV 732.92
10' - 12"ø RCCP STORM SEWER @ 1.0%
PE +11.20
23.1'
ADJUST STORM MH T CAST 737.34 INV 731.63
8"ø PVC SANITARY SEWER
NEW CONCRETE APRON
TO BE REMOVED CURB INLET TC 737.35 INV 732.82
EXISTING 12"ø RCCP STORM SEWER
8' - 12"ø RCCP STORM SEWER @ 1.0%
22.50 RT. STA. 12+62.19 INLET SPECIAL NO 2 TC 737.33 INV 733.50
TO BE REMOVED CURB INLET TC 737.39 INV 733.42
EXISTING 12"ø RCCP STORM SEWER
CE +14.66
25'
STA. 12+99.93 22.50 LT 737.98 TC
8"ø PVC SANITARY SEWER
ADJUST SAN MH #139-075 T CAST 738.27 INV 726.37
TO BE REMOVED 24" TREE
CE +87.23
27.8'
EXISTING CONCRETE WALK
NEW BITUMINOUS PAVEMENT
18.33 LT. STA. 14+92.17 INLET SPECIAL NO 2 TC 740.75 INV 736.66
NEW CONCRETE APRON
2' - 12"ø RCCP STORM SEWER @ 1.0%
REMOVE CONCRETE WALK
EXISTING R.O.W.
ADJUST WATER VALVE
FIRE HYDRANT
STA. 12+98.94 22.50 RT 737.87 TC
EXISTING 18"ø RCCP STORM SEWER
NEW HOT-MIX ASPHALT PAVEMENT
CONCRETE CURB & GUTTER TYPE B6.24
12"ø RCCP STORM SEWER
3' - 12"ø RCCP STORM SEWER @ 1.0%
18.10 RT. STA. 14+93.11 INLET SPECIAL TC 740.74 INV 736.67
TO BE REMOVED STORM MH T CAST 740.67 INV 735.39 IN INV 735.27 OUT
TO BE REMOVED CURB INLET TC 740.64 INV 735.64
EXISTING CONCRETE WALK
TO BE REMOVED CURB INLET TC 740.65 INV 736.64
1' STUB
1' STUB
REMOVE & REPLACE CONCRETE WALK
NEW CONCRETE APRON
CE +06.83
32.2'
TELEPHONE MH
EXISTING CONCRETE WALK
EXISTING 18"ø RCCP STORM SEWER
EXISTING STRIPED CROSSWALK
1.5' STUB
SECTION ENDS STA. 16+14.02
GRIND BUTT JOINT TO MATCH EXISTING BITUMINOUS PAVEMENT
30'
EXISTING CONCRETE CURB & GUTTER
EXISTING R.O.W.
185' RT & LT TURN LANE
200' TAPER
315' TAPER @ 45:1
SEE SHEET 6 MATCH LINE STA 10+50.00

PLAN
SCALE 1"=20'

RALSTON ROAD

PROFILE
SCALES
HORIZONTAL 1" = 20'
VERTICAL 1" = 5'

NOTE:
ALL GRADES ARE CENTERLINE GRADES. REFER TO CROSS SECTIONS FOR TOP OF CURB GRADES.

NOTE:
ALL INLET STATIONING TO BOC

SEE SHEET 6 MATCH LINE STA 10+50.00
ADJUST EXISTING SAN MH #139-074 RIM 734.67
ADJUST EXISTING STORM MH RIM 734.60
TO BE REMOVED EXISTING CURB INLET T CAST 734.65
INLET SPECIAL NO 2, STA 10+93.62, 22.50' RT CONSTRUCT 4X4 INLET, TC 734.78
EXISTING PROFILE ALONG CENTERLINE OF RALSTON ROAD
1.529 %
INV 730.41
INV 730.33
INV 729.17
INV 724.00
18"ø RCCP STORM SEWER
8"ø PVC SANITARY SEWER
INLET SPECIAL NO 2, STA 12+62.46, 22.50' RT CONSTRUCT 4X4 INLET, TC 737.33
TO BE REMOVED EXISTING CURB INLET T CAST 737.34
ADJUST EXISTING STORM MH RIM 737.34
INV 733.50
INV 733.42
INV 731.63
ADJUST EXISTING SAN MH #139-075 RIM 738.27
PROPOSED PROFILE ALONG CENTERLINE OF RALSTON ROAD
PVC 13+75.00 ELEV = 739.26
PVI 14+00.00 ELEV = 739.64
PVT 14+25.00 ELEV = 739.98
50.00ft VC
P.I. STA = 14+00 ELEV = 739.64 L = 50' K = 314.5 E = 0.01
INV 726.37
PVC 14+75.00 ELEV = 740.67
ADJUST EXISTING STORM MH T CAST 740.67
TO BE REMOVED CURB INLET T CAST 740.64
INLET SPECIAL CONSTRUCT TYPE 7 INLET, STA 14+93.17, 18.10' RT TC 740.74
50.00ft VC
P.I. STA = 15+00 ELEV = 741.01 L = 50' K = 138.5 E = 0.02
PVI 15+00.00 ELEV = 741.01
PVT 15+25.00 ELEV = 741.26
1.370 %
1.009 %
INV 735.64
INV 735.27
INV 736.67
18"ø RCCP STORM SEWER
SECTION ENDS Sta 16+14.02 ELEV = 742.03
EXISTING PROFILE ALONG CENTERLINE OF RALSTON ROAD
760 755 750 745 740 735 730 725 720
734.2 734.29 734.5 734.67 734.9 735.05 735.3 735.44 735.7 735.82 736.1 736.20 736.4 736.58 736.8 736.96 737.2 737.35 737.6 737.73 738.0 738.11 738.3 738.49 738.7 738.86 739.1 739.26 739.5 739.63 739.8 739.98 740.2 740.33 740.5 740.67 740.8 740.99 741.1 741.26 741.4 741.51 741.6 741.77 741.9 741.96
11+00 12+00 13+00 14+00 15+00 16+00

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1928-2006 78th ANNIVERSARY

DATE	05/17/06
BY	VRL
APPROVED	RFA
ORDER NO.	22475

REVISIONS
6-5-06 PER IDOT COMMENTS VRL
3-16-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
3-30-07 REVISED PER RRMRD COMMENTS VRL
4-02-07 REVISED PER WINNEBAGO COUNTY HIGHWAY DEPT. VRL
6-17-09 REVISED PER IDOT VRL
10-15-09 REVISED PER IDOT COMMENTS VRL