NOTES:
1. SEE SHEET 65 FOR PROPOSED GRADING DETAILS
2. TEMPORARY DRAINAGE CONNECT FOR DRAINAGE SYSTEM OUTLET PRIOR TO PERMANENT RELOCATION OF THE ILLINOIS RAILWAY (INCIDENTAL TO STORM SEWER, CL A, TY 2, 24")

MATCHLINE STA. 52+00.00

MATCHLINE STA. 58+00.00

COLLEGE AVENUE

22 STORM SEWER, CLASS A, TY 1, 12", 13' @ 1.0%

33 STA. 52+69, 41.0 LT
MAN HOLE, TY A,
4' DIA, TYP 8 GR
RIM ELEV.=737.50
S. INV. ELEV.=734.00
W. INV. ELEV.=734.37

22A STORM SEWER, CLASS A, TY 2, 18", 19' @ 1.0%

33A STA. 52+53, 46.0 LT
INLET TY A, TYP 18 GR
RIM ELEV.=738.00
N. INV. ELEV.=736.85
S. INV. ELEV.=734.50

6°-0'-00" SKEW FROM 90°

22B STORM SEWER, CLASS A, TY 2, 18", 45' @ 1.0%

32 STA. 52+84, 24.0 LT
31 MANHOLE, TY A, 4' DIA.
TY 3 FR & GR
RIM ELEV.=737.39
N. INV. ELEV.=733.80
S. INV. ELEV.=733.70

52

53

32 STA. 52+69, 24.0 RT
MANHOLE, TY A, 4' DIA.
TY 3 FR & GR
RIM ELEV.=737.78
N. INV. ELEV.=733.25
S. INV. ELEV.=733.15

22C STORM SEWER, CLASS A, TY 2, 18", 73' @ 1.0%

54

23 STORM SEWER, CLASS A, TY 2, 12", 52' @ 1.0%

28 STORM SEWER, CLASS A, TY 2, 12", 52' @ 1.0%

PROP. ℄ COLLEGE AVE.

55+00

56

57

30 STORM SEWER, CLASS A, TY 2, 12", 59' @ 1.0%

BACK OF E. ABUTMENT
STA. 52+34.00

37 STA. 52+26, 100.0 RT
MAN HOLE, TY A,
5' DIA., TYP 1 CLOSED LID
RIM ELEV.=718.00
E. INV. ELEV.=712.00
W. INV. ELEV.=703.66

35 STA. 53+75, 26.2 RT
SP INLET, TY 1,
RIM ELEV.=740.97
N. INV. ELEV.=735.45
E. INV. ELEV.=735.50
S. INV. ELEV.=724.60
W. INV. ELEV.=732.42

24 STORM SEWER, CLASS A, TY 2, 24", 40' @ 1.5%

27 STORM SEWER, CLASS A, TY 2, 24", 172' @ 1.5%

36 STA. 53+70, 70.0 RT
MAN HOLE, TY A,
5' DIA., TYP 1 OPEN LID
RIM ELEV.=730.50
N. INV. ELEV.=724.00
W. INV. ELEV.=714.18

25 STORM SEWER, CLASS A, TY 2, 24", 145' @ 1.5%

TEMPORARY DRAINAGE CONNECTION (50 FEET, SLOPE=1.0%)
STORM SEWER, CLASS A, TY 2, 24"
NORTH INVERT=732.50
SOUTH INVERT=732.00

34 STA. 53+75, 26.2 LT
SP INLET, TY 1,
RIM ELEV.=740.97
S. INV. ELEV.=735.97

40 STA. 55+50, 26.2 LT
SP INLET, TY 1,
RIM ELEV.=746.13
S. INV. ELEV.=741.13

39 STA. 55+50, 26.2 RT
SP INLET, TY 1,
RIM ELEV.=746.13
N. INV. ELEV.=740.61
E. INV. ELEV.=739.82
W. INV. ELEV.=738.08

29 STORM SEWER, CLASS A, TY 2, 24", 160' @ 1.0%

42 STA. 57+10, 30.6 LT
SP INLET, TY 1,
RIM ELEV.=747.98
S. INV. ELEV.=742.98

41 STA. 57+10, 28.5 RT
SP INLET, TY 1,
RIM ELEV.=747.95
N. INV. ELEV.=742.39
E. INV. ELEV.=741.52
W. INV. ELEV.=741.42

31 STORM SEWER, CLASS A, TY 2, 24", 129' @ 0.5%

PIPE UNDERDRAINS 4" (405 FOOT)
STA. 53+70 TO STA. 57+50
TIE-IN TO PROPOSED MANHOLE

N

SCALE: 1" = 20'

PLAN
DRAWN/CHECKED
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
DRAWN/CHECKED
PLOTTED
GRADES CHECKED
CADD FILE NAME
NOTE BOOK
NO.
STRUCTURE NO'S/ATMS CP/RD
BY
DATE

PROPOSED GRADE LINE AT PROP. ℄

EXIST. GRADELINE AT PROP. ℄

750
745
740
735
730
725
720
715
710

33A 33 31 32 34 35 40 39 42 41 36 37

73' STORM SEWER, CLASS A, TYPE 1, 18"

172' STORM SEWER, CLASS A, TYPE 2, 24"

160' STORM SEWER, CLASS A, TYPE 2, 24"

129' STORM SEWER, CLASS A, TYPE 2, 24"

45' STORM SEWER, CLASS A, TYPE 2, 18"

19' STORM SEWER, CLASS A, TYPE 2, 18"

13' STORM SEWER, CLASS A, TYPE 1, 12"

12" SANITARY SEWER

40' STORM SEWER, CLASS A, TYPE 2, 24"

145' STORM SEWER, CLASS A, TYPE 2, 24"

737.54	738.77	739.37	739.46	739.87	740.23	741.17	741.83	742.84	744.07	745.89	747.50	748.16	749.70	748.83	749.02	749.62	749.95	750.29	750.72	751.23	750.84	750.53	750.19	749.13
714.69	724.22	734.19	737.60	738.34	739.16	740.06	741.04	742.00	742.89	743.70	744.44	745.10	745.69	746.20	746.64	747.00	747.29	747.54	747.79	748.04	748.29	748.54	748.79	749.04
735.53	736.22	736.91																						

52+00 52+50 53+00 53+50 54+00 54+50 55+00 55+50 56+00 56+50 57+00 57+50 58+00

J:\rockford\0826082\dgn\cadd_sheets\PLDR_28_4.dgn

CMT CRAWFORD, MURPHY & TILLY, INC. CONSULTING ENGINEERS License No. 184-000613	USER NAME = Steve Prange	DESIGNED SJP / MNB	REVISED -	CITY OF ROCKFORD MORGAN STREET BRIDGE
©Copyright CMT, Inc.		DRAWN ERD	REVISED -	
	PLOT SCALE = 40.0000 ' / IN.	CHECKED SJP	REVISED -	
	PLOT DATE = 02/04/11	DATE 02/04/2011	REVISED -	

PROPOSED DRAINAGE PLAN & PROFILE
MORGAN STREET /COLLEGE AVENUE

SCALE: 1" = 20' | SHEET NO. 4 OF 11 SHEETS | STA. 52+00 TO STA. 58+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5077	99-00493-00-BR	WINNEBAGO	253	45
		CONTRACT NO. 85529		
FED. ROAD DIST. NO. 2	ILLINOIS	FED. AID PROJECT BRM-5099(165)		