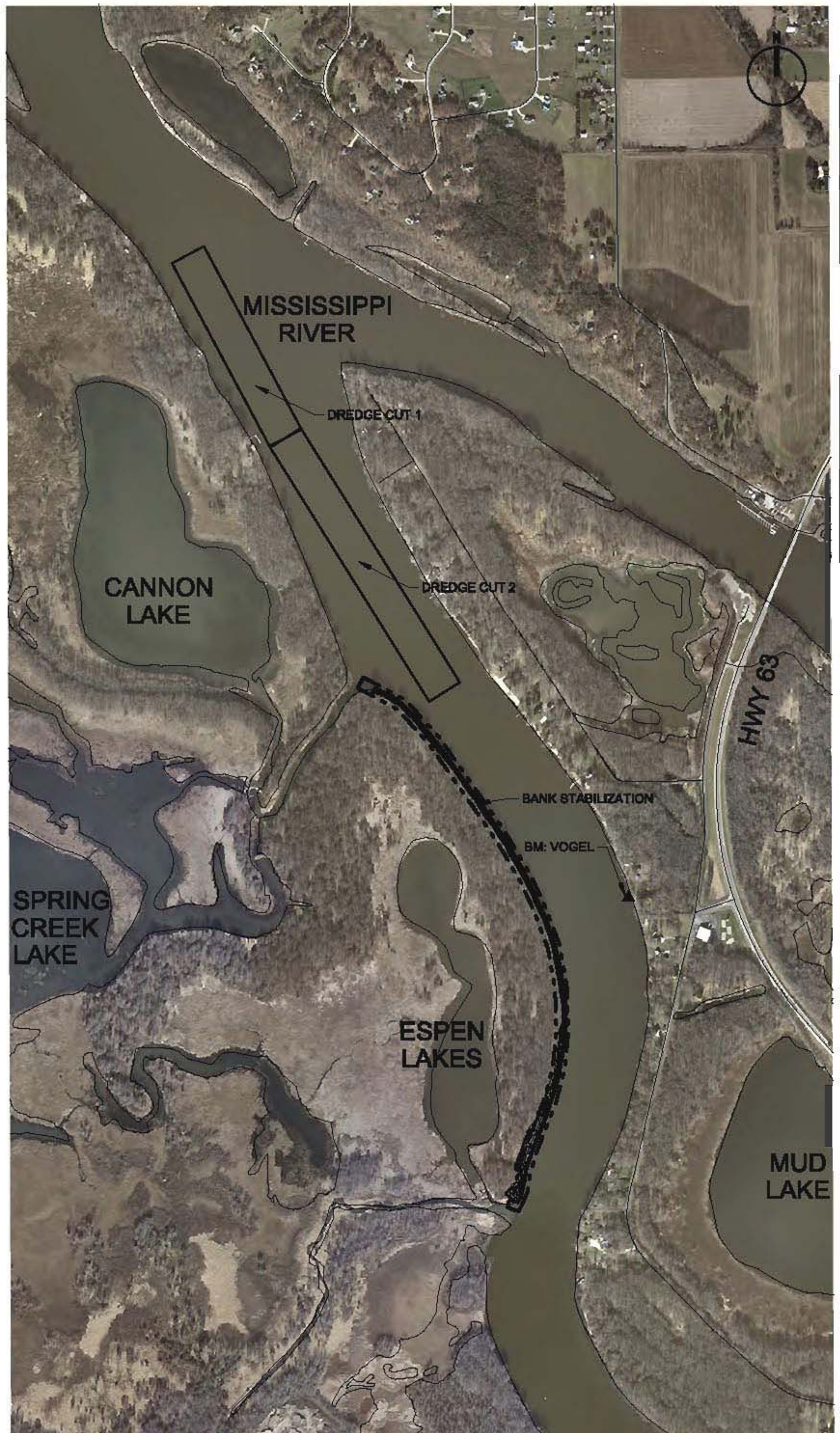


VICINITY MAP

LD3 RED WING WILDLIFE LEAGUE BANK PROTECTION

0 600' 1200'

SCALE:1"-600'

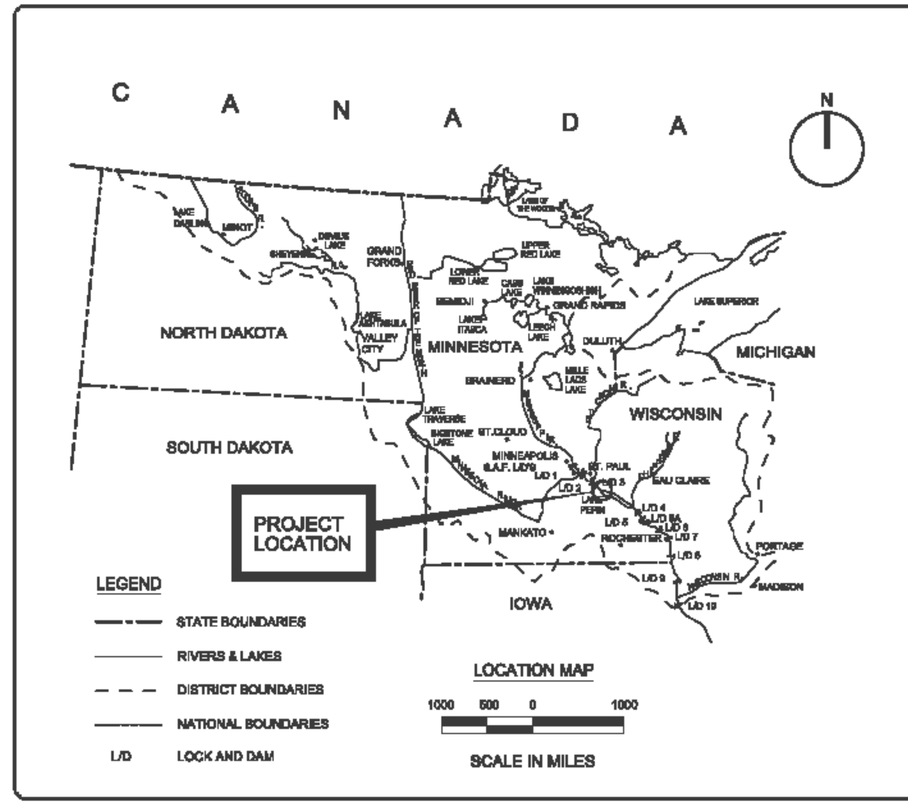
HORIZONTAL CONTROL

TITLE	ELEVATION	DESCRIPTION
NGS PP0431:	EL. 782.58	NGS MARKER
X EVERTS:	EL. 669.55	CHISELED X AT EVERTS LANDING
VOGEL:	EL. 668.273	2 INCH O.D. PIPE AT CAMPGROUND
NGS PP3485:	EL. 720.47	NGS MARKER
RW-1:	EL. 679.99	USACE BRASS CAP AFFIXED TO 36" PIPE IN 8" CONCRETE MONUMENT
RW-2:	EL. 678.29	USACE BRASS CAP AFFIXED TO 36" PIPE IN 8" CONCRETE MONUMENT

VERTICAL CONTROL

TITLE	NORTHING	EASTING	DESCRIPTION
PP0431:	912,752.89 N	3,016,835.51 E	BRONZE CAP (NGS MARKER)
X EVERTS:	916,052.40 N	2,997,953.70 E	CHISELED X AT EVERTS LANDING
VOGEL:	907,697.032 N	3,002,838.924 E	2 INCH O.D. PIPE AT CAMPGROUND
NGS PP3485:	900,888.83 N	3,003,346.12 E	NGS MARKER
RW-1:	902,716.89 N	3,002,584.65 E	USACE BRASS CAP AFFIXED TO 36" PIPE IN 8" CONCRETE MONUMENT
RW-2:	902,017.70 N	3,003,048.55 E	USACE BRASS CAP AFFIXED TO 36" PIPE IN 8" CONCRETE MONUMENT

COORDINATES FOR HORIZONTAL CONTROL POINTS SHALL BE VERIFIED BY THE CONTRACTOR



PROJECT GOALS AND OBJECTIVES

1. PLACE DREDGED MATERIAL ALONG THE BANK TO REPLACE PREVIOUSLY ERODED MATERIAL
2. PLACE TREE GROINS AND ROCK VANES TO MITIGATE FUTURE EROSION ALONG THE RESTORED BANK
3. LOCK AND DAM NUMBER 3 RED WING WILDLIFE LEAGUE BANK PROTECTION MITIGATION PROJECT: MISSISSIPPI RIVER MILES 791.9 TO 793.0

GENERAL PROJECT NOTES

4. ACCESS TO SITE IS BY RIVER ONLY; NO LAND ACCESS IS AVAILABLE
5. THE ENTIRE PROJECT SITE IS WITHIN THE RIVER AND IS HIGHLY SUSCEPTIBLE TO FLOODING AND RIVER STAGE FLUCTUATIONS THAT MAY IMPACT CONTRACTOR WORK PROGRESS
6. TOPOGRAPHICAL CONTOURS AND SITE ELEVATIONS DEPICTED ON THESE DRAWINGS WERE DEVELOPED FROM AERIAL PHOTOGRAPHY AND SURVEY DATA COLLECTED OVER A NUMBER OF YEARS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL ELEVATIONS
7. THE LAYOUT OF THE PROJECT FEATURES AS SHOWN SHALL BE FIELD STAKED BY THE CONTRACTOR AND APPROVED BY THE CONTRACTING OFFICER PRIOR TO CONSTRUCTION
8. THE GOVERNMENT RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS TO ANY OF THE PROJECT ALIGNMENTS
9. ALL ELEVATIONS ARE RECORDED USING VERTICAL DATUM NAVD88 - GEOID MODEL 03
10. HORIZONTAL CONTROL IS NAD 83 MINNESOTA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE, U.S. SURVEY FEET
11. IMAGERY TAKEN FROM USACE - GIS GEOREFERENCED DATA
12. APPROXIMATE ELEVATION OF POOL 4 AT RIVER MILE 792.5 AT TIME OF SURVEY WAS 667.0 FEET (NAVD88)
13. CONTACT USACE ST. PAUL DISTRICT CONTRACTING DIVISION WITH QUESTIONS
14. NO STOCKPILING OF EXCAVATED GRANULAR MATERIAL IS PERMITTED
15. PROPERTY LINES ARE SHOWN FOR REFERENCE ONLY, CONTRACTOR IS REASPONSIBLE FOR IDENTIFYING PRECISE LOCATION AND AVOIDING ANY PRIVATE PROPERTY
16. TIE DIAGRAMS AND DETAILED DESCRIPTIONS OF HORIZONTAL AND VERTICAL CONTROL POINTS ARE AVAILABLE FROM ST. PAUL DISTRICT OFFICE (651) 290-5598
17. NAVD 88 ELEVATION = MSL 1912 ELEVATION - 0.405 FEET

VERTICAL COORDINATE SYSTEM:
NAVD 88

HORIZONTAL COORDINATE SYSTEM:
NAD 83 STATE PLANE COORDINATES
MINNESOTA SOUTH ZONE

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE	APPR.

U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT
ST. PAUL, MINNESOTA

DESIGNED BY: GRB, BJS		DATE: 2011/03/29
DWN BY: GRB, BJS	CKD BY: CAA	SOLICITATION NO.:
SUBMITTED BY: MARSHA NOSE		CONTRACT NO.:
PLOT SCALE: 1" = 600'	PLOT DATE: No	FILE NUMBER:
SIZE: ANSI D	FILE NAME: LD3RWWL_xxxxxx—G-002—.dgn	

RED WING WILDLIFE LEAGUE BANK PROTECTION
MISSISSIPPI RIVER
NEAR ESPEN LAKES
RED WING, MN
LOCATION AND VICINITY MAP
INDEX AND LEGEND

SHEET IDENTIFICATION
G-002