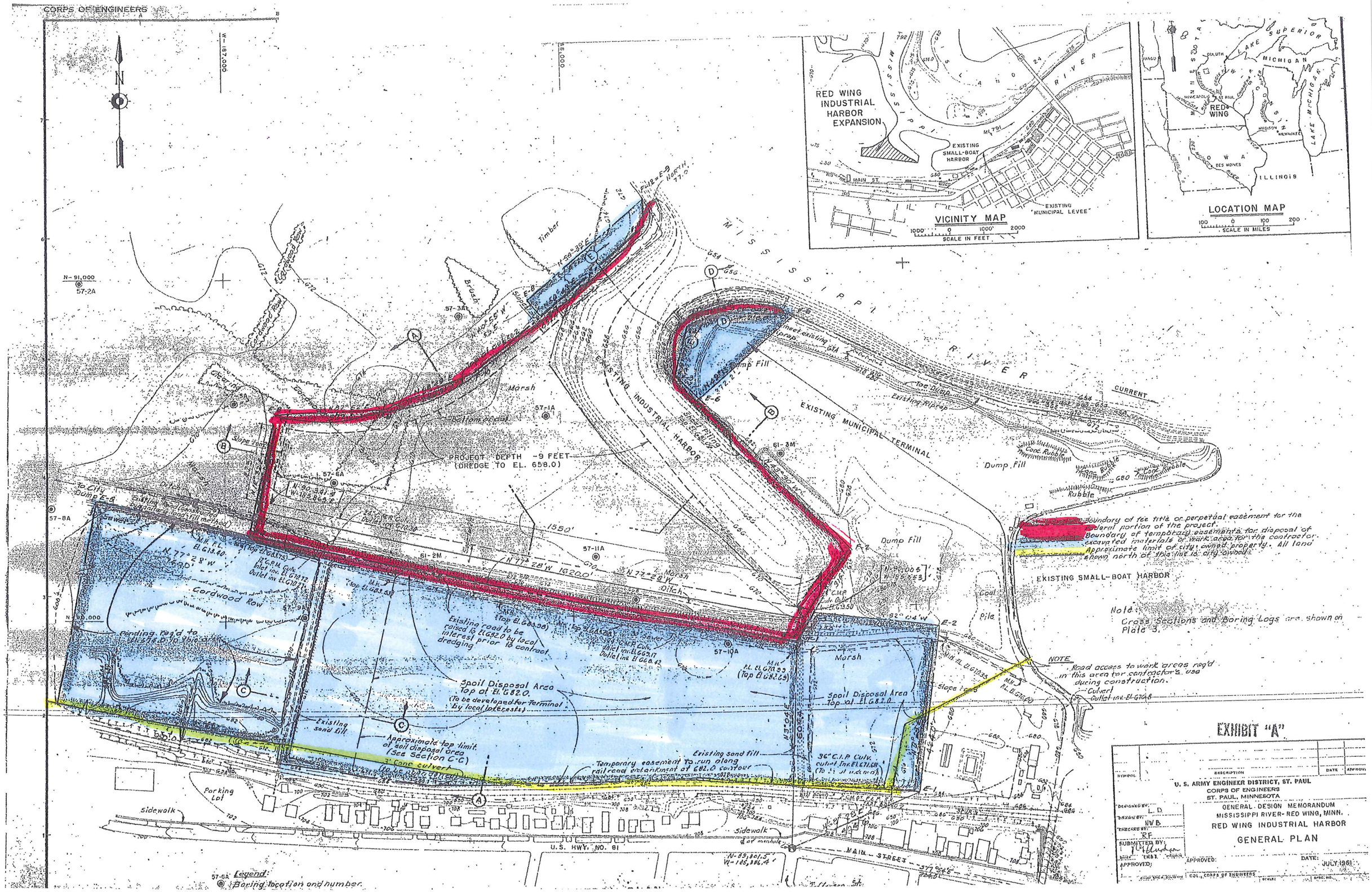
CORPS OF ENGINEERS
N
RED WING INDUSTRIAL HARBOR EXPANSION
EXISTING SMALL-BOAT HARBOR
MAIN ST.
EXISTING MUNICIPAL LEVEE
VICINITY MAP
SCALE IN FEET
LAKE SUPERIOR
MICHIGAN
RED WING
ILLINOIS
LOCATION MAP
SCALE IN MILES
MISSISSIPPI RIVER
CURRENT
EXISTING MUNICIPAL TERMINAL
EXISTING INDUSTRIAL HARBOR
PROJECT DEPTH -9 FEET (DREDGE TO EL. 658.0)
Dump Fill
Existing Riprap
Toe Dump
Marsh
Timber
Brush
Cordwood Row
Existing road to be raised to El. 682.0 by local interest prior to contract dredging
Spoil Disposal Area Top at El. 682.0. (To be developed for Terminal by local interests)
Existing sand fill
Approximate top limit of soil disposal area (See Section C-C)
Temporary easement to run along railroad embankment at 682.0 contour
36" C.I.P. Culv. outlet Inv. El. 671.68
Parking Lot
Sidewalk
U.S. HWY. NO. 61
MAIN STREET
Boundary of fee title or perpetual easement for the federal portion of the project.
Boundary of temporary easements for disposal of excavated materials or work area for the contractor.
Approximate limit of city owned property. All land shown north of this line is city owned.
EXISTING SMALL-BOAT HARBOR
Note: Cross Sections and Boring Logs are shown on Plate 3.
NOTE: Road access to work areas req'd in this area for contractor's use during construction.
Culvert Outlet Inv. El. 676.8
Legend: Boring location and number.
EXHIBIT "A"
U. S. ARMY ENGINEER DISTRICT, ST. PAUL
CORPS OF ENGINEERS
ST. PAUL, MINNESOTA
GENERAL DESIGN MEMORANDUM
MISSISSIPPI RIVER-RED WING, MINN.
RED WING INDUSTRIAL HARBOR
GENERAL PLAN
DESIGNED BY: L.D.
DRAWN BY: HWB
CHECKED BY: RF
SUBMITTED BY:
APPROVED:
DATE: JULY 1961
COL., CORPS OF ENGINEERS