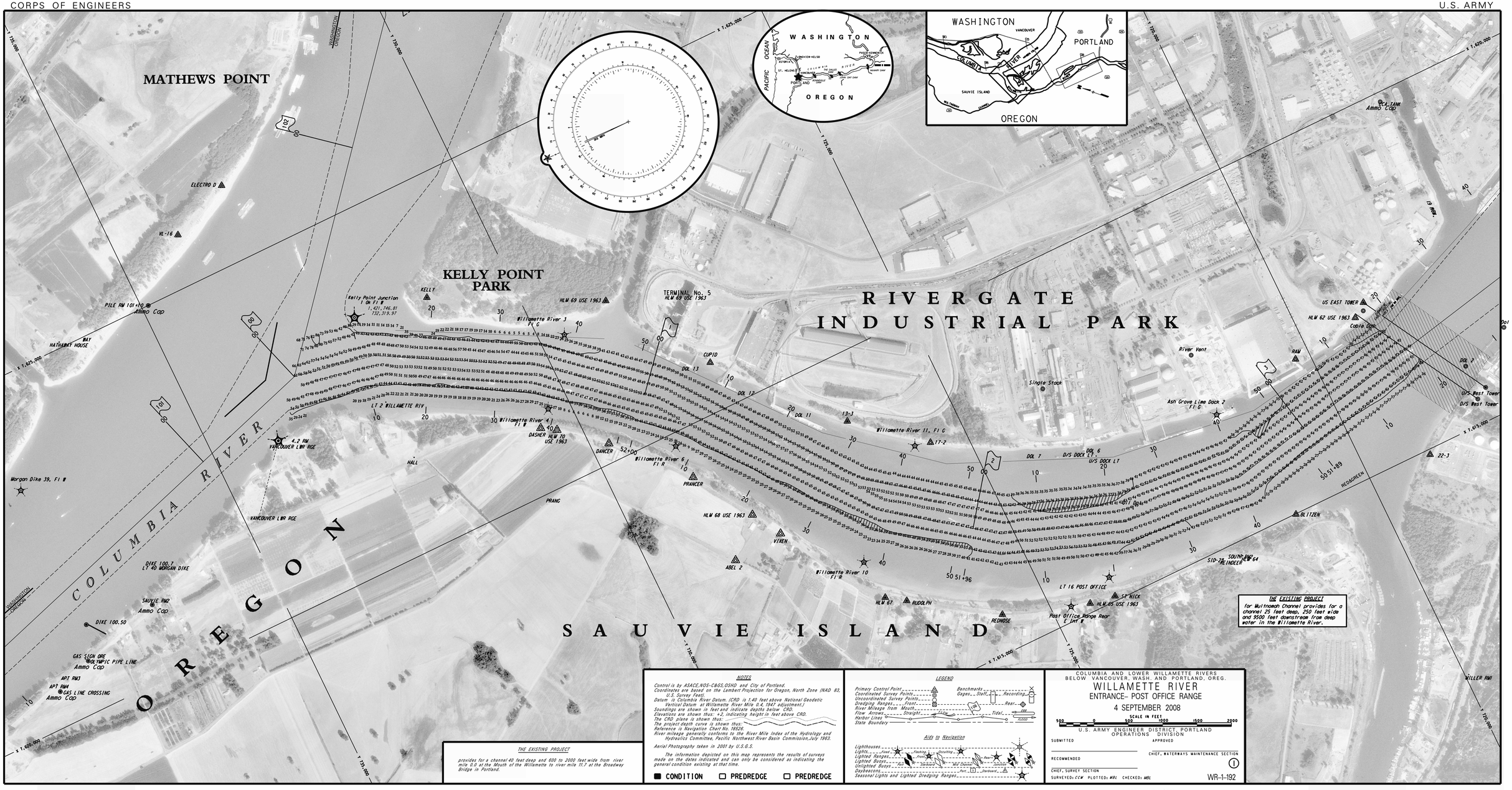
MATHEWS POINT
KELLY POINT PARK
RIVERGATE INDUSTRIAL PARK
SAUVIE ISLAND
COLUMBIA RIVER
OREGON
WASHINGTON
OREGON
PACIFIC OCEAN
PORTLAND
VANCOUVER
SAUVIE ISLAND
ELECTRO D
VL-16
PILE RW 101+10
Ammo Cap
HATHAWAY HOUSE
Kelly Point Junction
Fl W
KELLY
HLM 69 USE 1963
Willamette River 3
Fl G
TERMINAL No. 5
HLM 69 USE 1963
CUPID
DOL 13
DOL 12
DOL 11
13-3
Willamette River 11, Fl G
17-2
LT 2 WILLAMETTE RIV
Willamette River 4
Fl W
DASHER
HLM 10
USE 1963
DANCER
Willamette River 6
Fl R
PRANCER
PRANG
HALL
4.2 RW
VANCOUVER LWR RGE
Morgan Dike 39, Fl W
VANCOUVER LWR RGE
DIKE 100.7
LT 40 MORGAN DIKE
SAUVIE RW2
Ammo Cap
DIKE 100.50
GAS SIGN ORE
OLYMPIC PIPE LINE
Ammo Cap
APT RW3
APT RW4
GAS LINE CROSSING
Ammo Cap
HLM 68 USE 1963
VIXEN
ABEL 2
Willamette River 10
Fl R
HLM 67
RUDOLPH
REDNOSE
DOL 7
D/S DOCK LT
DOL 6
U/S DOCK LT
River Vent
Single Stack
Ash Grove Lime Dock 2
Fl G
RAW
US EAST TOWER
HLM 62 USE 1963
Cable Line
U/S West Tower
D/S West Tower
DOL 2
22-3
REDAUREEN
BLITZEN
SOUTH RW2
HLM 64
SID-REINDEER
LT 16 POST OFFICE
ST NICK
HLM 65 USE 1963
Post Office Range Rear
E Int W
WILLER RW1
Ammo Cap
19 RW4
Gas Tank
Ammo Cap
THE EXISTING PROJECT
for Multnomah Channel provides for a channel 25 feet deep, 250 feet wide and 9500 feet downstream from deep water in the Willamette River.
NOTES
Control is by ASACE,NOS-C&GS,OSHD and City of Portland.
Coordinates are based on the Lambert Projection for Oregon, North Zone (NAD 83, U.S. Survey Feet).
Datum is Columbia River Datum. (CRD is 1.40 feet above National Geodetic Vertical Datum at Willamette River Mile 0.4, 1947 adjustment.)
Soundings are shown in feet and indicate depths below CRD.
Elevations are shown thus: +2, indicating height in feet above CRD.
The CRD plane is shown thus:
The project depth curve is shown thus:
Reference is Navigation Chart No. 18526.
River mileage generally conforms to the River Mile Index of the Hydrology and Hydraulics Committee, Pacific Northwest River Basin Commission, July 1965.
Aerial Photography taken in 2001 by U.S.G.S.
The information depicted on this map represents the results of surveys made on the dates indicated and can only be considered as indicating the general condition existing at that time.
THE EXISTING PROJECT
provides for a channel 40 feet deep and 600 to 2000 feet wide from river mile 0.0 at the Mouth of the Willamette to river mile 11.7 at the Broadway Bridge in Portland.
CONDITION
PREDREDGE
PREDREDGE
LEGEND
Primary Control Point
Coordinated Survey Points
Uncoordinated Survey Points
Dredging Ranges
River Mileage from Mouth
Flow Arrows
Harbor Lines
State Boundary
Benchmarks
Gages
Aids to Navigation
Lighthouses
Lights
Lighted Ranges
Lighted Buoys
Unlighted Buoys
Daybeacons
Seasonal Lights and Lighted Dredging Ranges
COLUMBIA AND LOWER WILLAMETTE RIVERS
BELOW VANCOUVER, WASH. AND PORTLAND, OREG.
WILLAMETTE RIVER
ENTRANCE- POST OFFICE RANGE
4 SEPTEMBER 2008
SCALE IN FEET
U.S. ARMY ENGINEER DISTRICT, PORTLAND
OPERATIONS DIVISION
SUBMITTED
APPROVED
RECOMMENDED
CHIEF, WATERWAYS MAINTENANCE SECTION
CHIEF, SURVEY SECTION
SURVEYED: CCW PLOTTED: WBC CHECKED: WBC
WR-1-192