

GRID SCALE FACTOR: 0.999971748
 GRID DIST. DIVIDED BY GRID SCALE FACTOR = GROUND DIST.

HORIZONTAL CONTROL	
△	THIRD ORDER
○	LESS THAN THRD ORDER
⊕	THRD ORDER & BENCHMARK
⊙	VALUE UNKNOWN
VERTICAL CONTROL	
⊕	BENCHMARKS

LEGEND
 The information depicted on this map represents the results of the surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.

LOW WATER DATUM
 All depths and project depths are referred to Low Water Datum elevation 577.5 Ft. above Mean Water Level, I.G.L.D. 1985.

GRID COORDINATES
 Grids shown are based on the National Geodetic Survey Projection Tables, State of Michigan, South Zone (2113), Lambert Projection, 1983 North American Datum, US SURVEY FOOT.

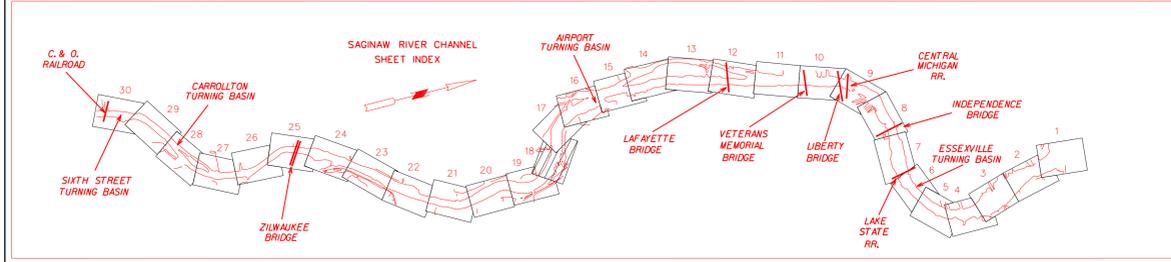
POSITIONING
 Positions were determined by corrections from C.G. reference beacon 115, Saginaw, frequency of 301 KHz, of 100 cps.

Navigation Buoys
 Location of navigation buoys represents that general location on the date of the survey and cannot be considered for navigation.

Project Information
 22.0 ft. project depth contour

Survey Information
 Survey by: R. DELESTOWICZ
 Date of survey: 19 APRIL 2012
 Position system: TRIMBLE DGPS
 Sounding: Sonic sounder
 Transducer: 200 KHz with 8.0 degree beam angle

U.S. ARMY ENGINEER DISTRICT, DETROIT CORPS OF ENGINEERS DETROIT, MICHIGAN		PLAN VIEW UPDATED	
		NO.	DATE
DRAWN BY: R. DELESTOWICZ DESIGNED BY: CHECKED BY: REVIEWED: SUBMITTED:		APPROVAL RECOMMENDED: CHIEF, PROJ OPNS SEC: CHIEF, OPER & MAINT BR	
APPROVED:		SCALE: 1" = 100' DRAWING NUMBER: SGR1812C.DGN	
DATE OF PHOTOGRAPHY: 19 JULY 1992		SHEET 18 OF 30	



CENTER LINE T.P.			
T.P.	EAST	NORTH	
22	13,249,637.92	743,374.59	
23	13,250,834.04	742,426.12	

CHANNEL LINE T.P.			
T.P.	EAST	NORTH	
63	13,249,886.91	743,466.03	
64	13,249,274.49	743,354.43	
65	13,250,712.83	742,489.18	
66	13,249,800.70	743,381.92	
68	13,250,555.26	742,363.05	



THIS PLAN ACCOMPANIES CONTRACT NO. _____
 MODIFICATION NO. _____

INVITATION NO. _____