



DATE OF PHOTOGRAPHY  
18 JULY 1992

CENTER LINE T.P.			
T.P.	EAST	NORTH	
29	13,250,242.82	731,771.63	

  

CHANNEL LINE T.P.			
T.P.	EAST	NORTH	
77	13,250,327.05	731,715.82	
80	13,250,237.88	731,995.18	
80A	13,250,011.69	731,662.87	

HORIZONTAL CONTROL	
△	THIRD ORDER
○	LESS THAN THIRD ORDER
△	THIRD ORDER & BENCHMARK
○	VALUE UNKNOWN
VERTICAL CONTROL	
△	BENCHMARKS
⊗	BENCHMARKS

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.

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

**Project Information**  
Project Depth - 22.0 Ft.  
22.0 Ft. contour shown thus -----

**Survey Information**  
Survey by: R. DELESTOWICZ  
Date of survey: 18 AUGUST, 2004  
Position system: Ashtech Z-12 & MRB-2a DGPS via Coast Guard System  
Sonic sounder: InterSpace 448  
Transducer: 208 KHZ with 8.0 degree beam angle

NO.	DATE	REVISION	BY
1	FEBRUARY, 1994	CENTER LINE, CHANNEL LINE, AND PLAN VIEW UPDATED	R.D.

**U.S. ARMY ENGINEER DISTRICT, DETROIT**  
CORPS OF ENGINEERS  
DETROIT, MICHIGAN

**SAGINAW RIVER MI.**  
RIVER SECTION  
CONDITION AUGUST, 2004

SAGINAW FIELD OFFICE

DRAWN BY: R. DELESTOWICZ	DATE: _____
DESIGNED BY: _____	SCALE: 1" = 100'
CHECKED BY: _____	DRAWING NUMBER: _____
REVIEWED: _____	SHEET: 22 OF 30
APPROVED: _____ CHIEF, CONST. OPNS. DIV.	SGR2204C.DGN

INVITATION NO. \_\_\_\_\_

THIS PLAN ACCOMPANIES CONTRACT NO. \_\_\_\_\_  
MODIFICATION NO. \_\_\_\_\_