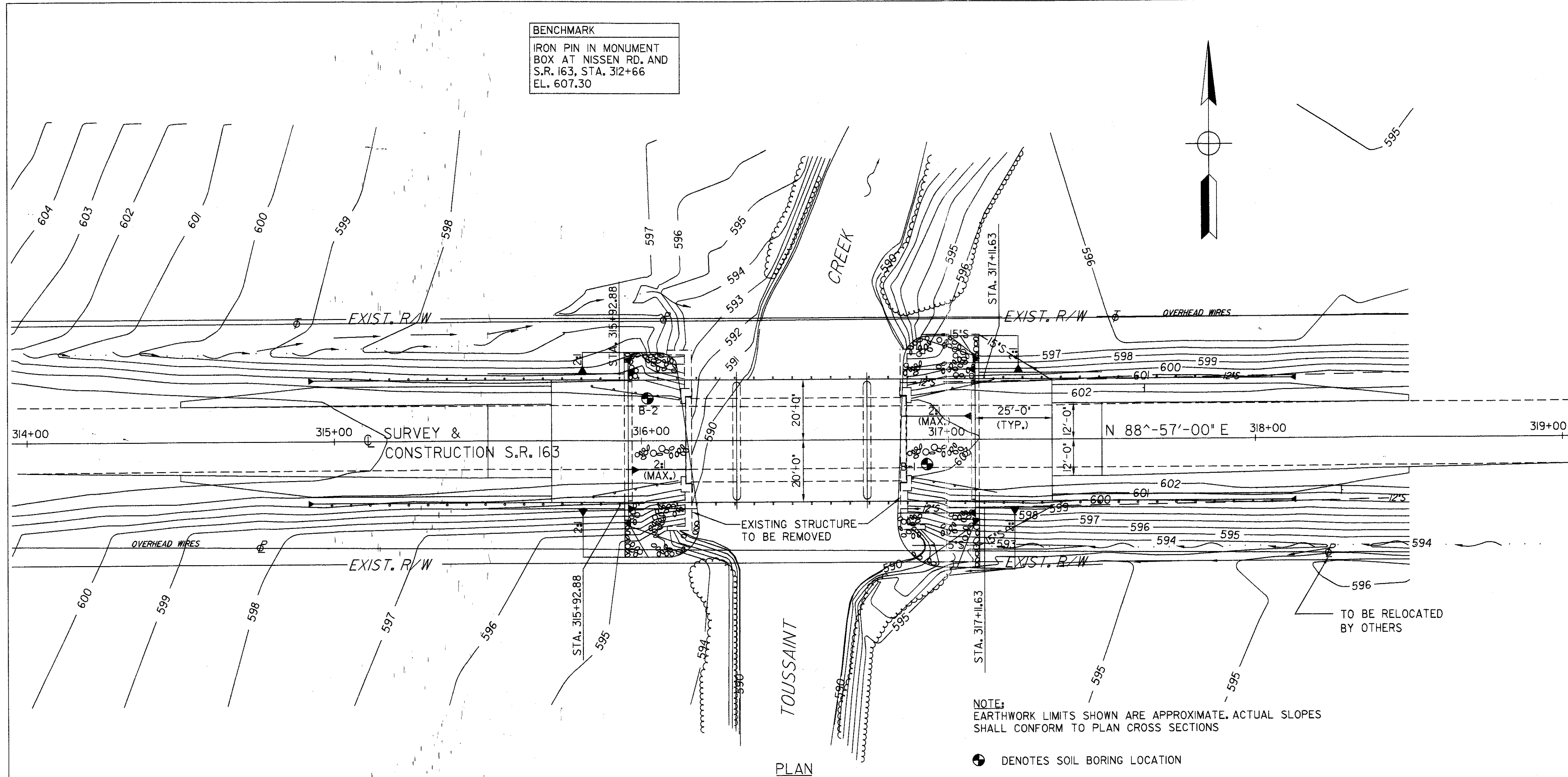




EXISTING STRUCTURE	
TYPE:	SINGLE SPAN STEEL BEAM BRIDGE WITH REINFORCED CONCRETE DECK SLAB
SPAN:	68' F/F ABUTMENTS
ROADWAY WIDTH:	24' F/F CURB
SKEW:	NONE
ALIGNMENT:	TANGENT
APPROACH SLABS:	20'-0" LONG
YEAR BUILT:	1936
CONDITION:	POOR
STRUCTURE FILE NO.:	6201539

PROPOSED STRUCTURE	
TYPE:	THREE SPAN CONTINUOUS SLAB BRIDGE ON CAPPED PILE ABUTMENTS AND CAPPED PILE PIERS
SPAN:	34'-42.5'-34' F/F ABUTMENTS
ROADWAY WIDTH:	40'-0" F/F BRIDGE RAILING
DESIGN LOADING:	HS20-44 AND ALTERNATE MILITARY LOADING
SKEW:	NONE
ALIGNMENT:	TANGENT
WEARING SURFACE:	MONOLITHIC CONCRETE
APPROACH SLABS:	25'-0" LONG (STD. DWG. AS-1-81)
CROWN:	3/16" / FT.

HYDRAULIC DATA			
DRAINAGE AREA		= 74.0 SQ. MI.	
YEAR	DISCHARGE	VELOCITY	BACKWATER ELEVATION
25	3110 CFS	3.40 FPS	599.42
100	3810 CFS	3.92 FPS	599.97

TRAFFIC DATA	
CURRENT ADT (1998)	= 4753
DESIGN YEAR ADT (2018)	= 6644

* THE ESTIMATED AVERAGE PILE LENGTH FOR STEEL H PILES SHALL BE AS FOLLOWS:
REAR ABUTMENT: 35 FT./PILE
FORWARD ABUTMENT: 25 FT./PILE
PIER 1: 45 FT./PILE
PIER 2: 40 FT./PILE

