

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	177-2 (-1A, B-1, VB-1)	STEPHENSON	386	82
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
P-92-029-02				
CONTRACT #64799				

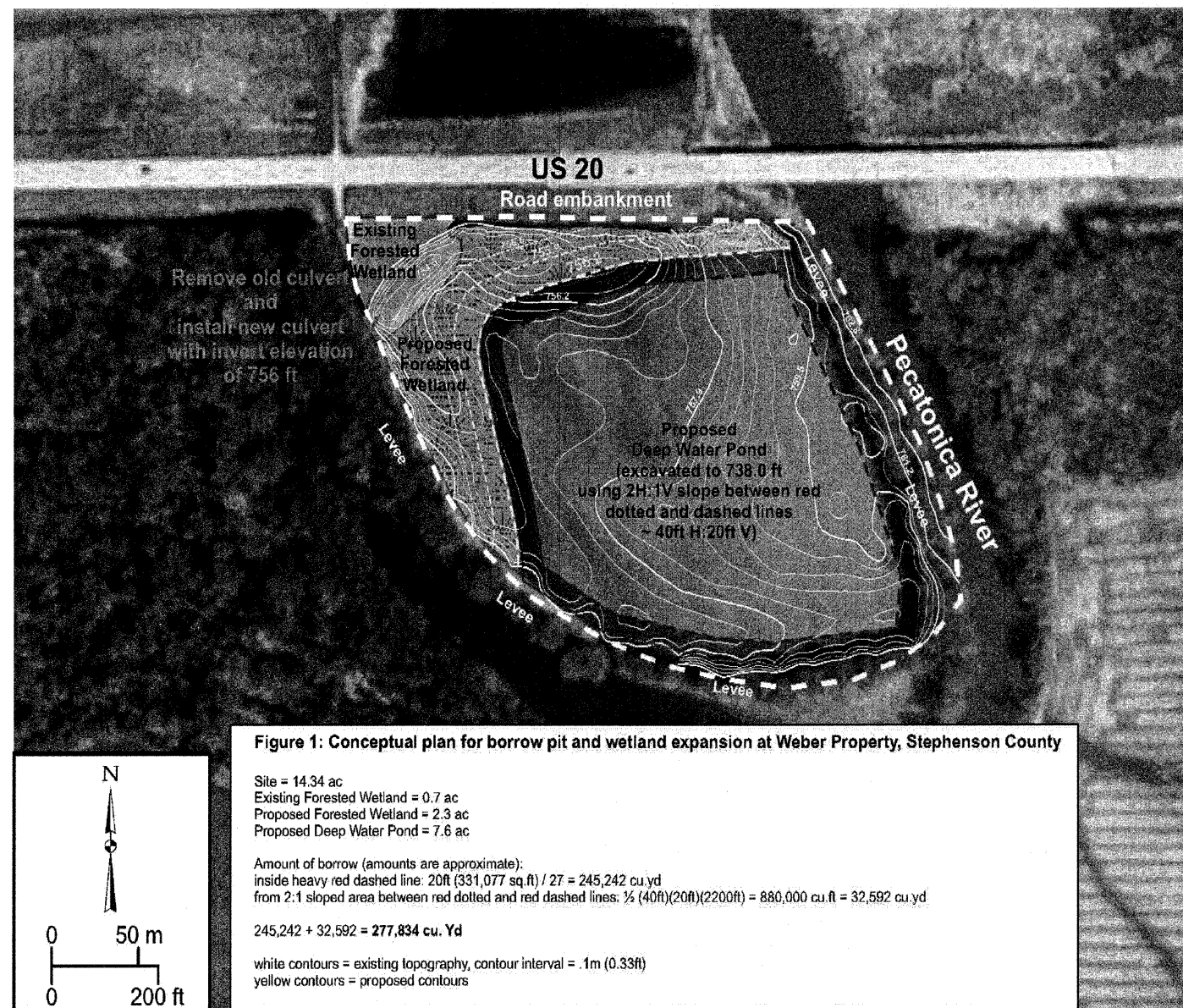


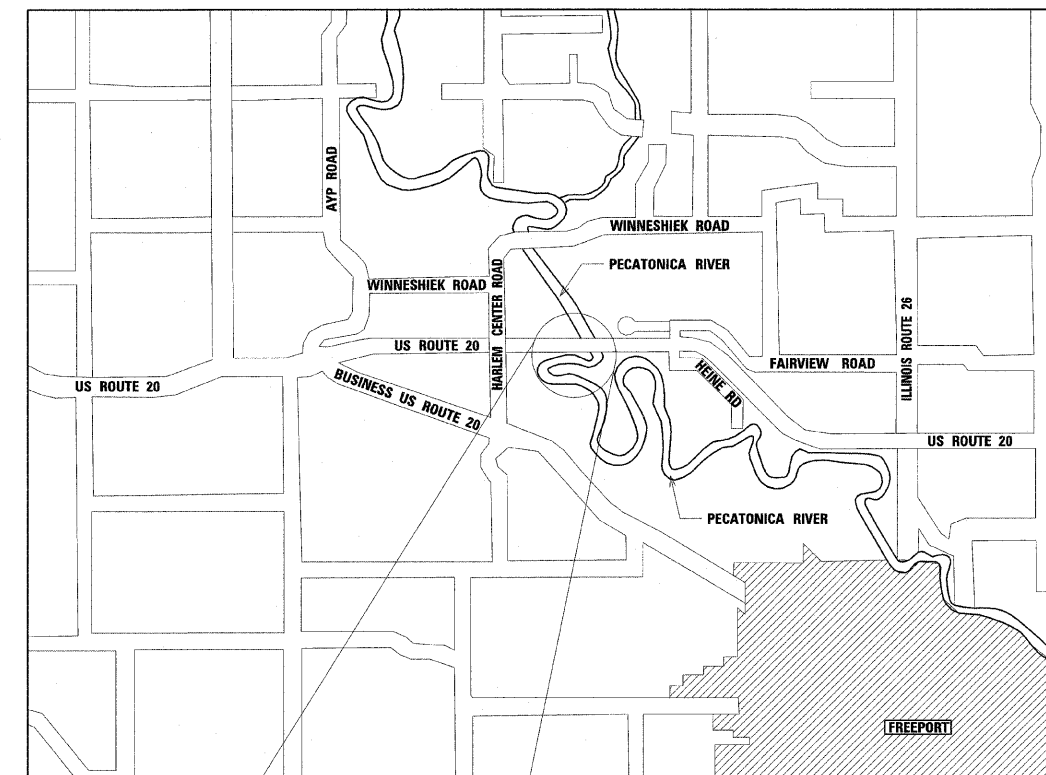
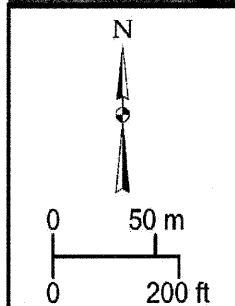
Figure 1: Conceptual plan for borrow pit and wetland expansion at Weber Property, Stephenson County

Site = 14.34 ac
 Existing Forested Wetland = 0.7 ac
 Proposed Forested Wetland = 2.3 ac
 Proposed Deep Water Pond = 7.6 ac

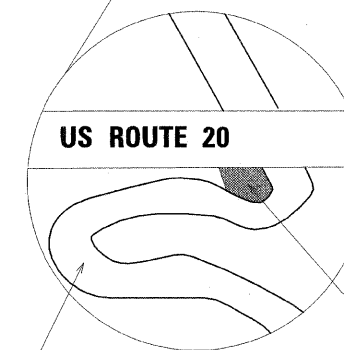
Amount of borrow (amounts are approximate):
 inside heavy red dashed line: $20\text{ft} (331,077 \text{ sq.ft}) / 27 = 245,242 \text{ cu.yd}$
 from 2:1 sloped area between red dotted and red dashed lines: $\frac{1}{2} (40\text{ft})(20\text{ft})(2200\text{ft}) = 880,000 \text{ cu.ft} = 32,592 \text{ cu.yd}$

$245,242 + 32,592 = 277,834 \text{ cu. Yd}$

white contours = existing topography, contour interval = .1m (0.33ft)
 yellow contours = proposed contours



SCALE: NTS



MITIGATION SITE

PECATONICA RIVER

NOTES:

1. THE CONTRACTOR WILL NOT PERFORM ANY WORK OUTSIDE THE CONSTRUCTION LIMITS UNLESS DIRECTED BY THE ENGINEER. OBTAINING PROPER EQUIPMENT AS NEEDED FOR CONDITION AT THE PROJECT SITE IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. PLANTING LAYOUT SHALL BE PERFORMED BY THE DISTRICT LANDSCAPE ENGINEER.
3. THIS WETLAND SITE IS COVERED BY AN NPDES GENERAL PERMIT FROM THE IEPA. CONTRACTOR IS REQUIRED TO COMPLY WITH ALL THE REQUIREMENTS OF THE GENERAL PERMIT AND THE EROSION CONTROL PLAN.
4. THE CONTRACTOR SHALL REPLACE THE TWO EXISTING CULVERTS IN-KIND THAT ARE LOCATED ADJACENT TO THE FORESTED WETLAND AND ACCESS ROAD NEAR THE WESTERN LEVEE. THE CULVERTS ARE CMP WITH 18" DIAMETER.(SEE CULVERT SCHEDULE) THE NEW CULVERT INVERT NEAR THE BORROW PIT SHALL BE AT EL. 756. ALL WORK ASSOCIATED WITH THE REPLACEMENT OF THE EXISTING CULVERTS SHALL BE INCLUDED IN THE COSTS ASSOCIATED WITH THE PROPOSED CULVERT.
5. THE CONTRACTOR SHALL INSTALL THE APPROPRIATE EROSION CONTROL FEATURES RELATED TO THE WETLAND/BORROW PIT EXCAVATION. THIS WORK, INCLUDING SILT FENCE INSTALLATION AND TEMPORARY SEEDING, SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 301 (US RTE. 20)
 FROM BOLTON ROAD TO WEST OF IL RTE. 26

BORROW PIT AND WETLAND PLAN

SCALE: NTS
 DATE: 01-22-10

DRAWN BY: AJP
 CHECKED BY: RMH

