



**DRAINAGE SUMMARY**

- (A)-(B) 140' VARIABLE HT. SLOTTED DRAIN @ 0.36%  
INV. EL. (W) = 581.55  
INV. EL. (E) = 581.05
- (B)-(C) 10'x12" CMP @ 1.60%  
INV. EL. (W) = 581.05  
INV. EL. (E) = 580.89
- (C) CONNECT TO EXIST. MANHOLE (INCIDENTAL)  
RIM EL. = 583.32  
INV. EL. (W) = 580.89 (12" CMP)  
INV. EL. (N) = 577.22 (15" CMP)  
INV. EL. (S) = 577.18 (18" CMP)
- (A)-(D) 140' VARIABLE HT. SLOTTED DRAIN @ 0.36%  
INV. EL. (E) = 581.55  
INV. EL. (W) = 581.05
- (D)-(E) 45'x12" CMP @ 0.83%  
INV. EL. (E) = 581.05  
INV. EL. (W) = 580.68
- (E) MANHOLE TY.A, 4' DIA. W/ FLAT TOP SLAB & NEENAH R2595-A FR. & GR. (OR EQUAL)  
RIM EL. = 582.10  
INV. EL. = 578.64 (18" RCCP)  
(DO NOT CAST INVERT FILLET)
- (E)-(F) 124'x18" RCCP, CLASS IV @ 0.50%  
INV. EL. (E) = 578.64  
INV. EL. (W) = 578.02
- (F) MANHOLE TY.A, 5' DIA. W/ FLAT TOP SLAB & NEENAH R2595-A FR. & GR. (OR EQUAL)  
RIM EL. = 582.55  
INV. EL. (N) = 578.32 (12" RCCP)  
(12" PLUG - INCIDENTAL)  
INV. EL. (E) = 578.02 (18" RCCP)  
INV. EL. (S) = 577.92 (18" RCCP)
- (F)-(G) 160'x18" RCCP, CLASS IV @ 0.50%  
INV. EL. (N) = 577.92  
INV. EL. (S) = 577.12
- (G) MANHOLE TY.A, 5' DIA. W/ FLAT TOP SLAB & NEENAH R2595-A FR. & GR. (OR EQUAL)  
RIM EL. = 582.92  
INV. EL. (N) = 577.12 (18" RCCP)  
INV. EL. (E) = 580.68 (12" RCCP)  
INV. EL. (S) = 577.02 (18" RCCP)
- (G)-(H) 152'x18" RCCP, CLASS IV @ 0.50%  
INV. EL. (N) = 577.02  
INV. EL. (S) = 576.26
- (H) CONNECT TO EXISTING MANHOLE (INCIDENTAL)  
RIM EL. 582.00  
INV. EL. (N) = 576.26 (18" RCCP)  
INV. EL. (S) = 576.13 (24" RCCP)  
INV. EL. (E) = 578.05 (12" CMP)
- (I) ADJUST EXISTING INLET TY. B  
W/ TY. 1 FR. & O.L.  
EXIST. RIM EL. 580.73±  
PROP. RIM EL. 582.52

**LEGEND**

- INLET & PIPE PROTECTION (PAID AS SILT FENCE)
- TEMPORARY DITCH CHECK (PAID AS BALES)
- S.C.E. STABILIZED CONSTRUCTION ENTRANCE (INCIDENTAL)

NOTE: ALL SAWCUTS ARE INCIDENTAL TO THE PROJECT.

ILLINOIS ROUTE 47

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Drawing Name: C:\Users\T.V.1002-74-Morris-Airport-General-Woolson-Abram\CAO\CAD\008-GRADING.dwg Last Modified: Feb. 08, 2009 - 2:26pm Plotted on: Feb. 10, 2009 - 10:46am by rick

DRAWN BY: NET	REVISIONS			
CHECKED BY: KWH	LEVEL	BY	DATE	DESCRIPTION
DATE: 2/09				

**CHAMLIN & ASSOCIATES**  
PERU MORRIS  
ILLINOIS

**MORRIS MUNICIPAL AIRPORT**  
MORRIS, ILLINOIS

**GRADING, DRAINAGE, AND EROSION CONTROL PLAN**

CONSTRUCTION PLANS	CURRENT AS OF: 2/09
SCALE: AS NOTED	SHEET 6
FILE NO.: 1002.74	Y- OF 11

