



SITE #29  
80' +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

MP 6.75



0 15 30 Feet

ALL APPLICABLE STATE / LOCAL PERMITS, AND LAND OWNER PERMISSION MUST BE OBTAINED PRIOR TO COMMENCING WORK

FIGURE 2  
SITE #29  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1



# 60162778

12/08/10



0 15 30 Feet

ALL APPLICABLE STATE / LOCAL PERMITS, AND LAND OWNER PERMISSION MUST BE OBTAINED PRIOR TO COMMENCING WORK

**FIGURE 3**  
**SITE #30**  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1





SITE #145  
30' +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

SITE #145  
315' +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

MP 10.00



0 25 50 Feet

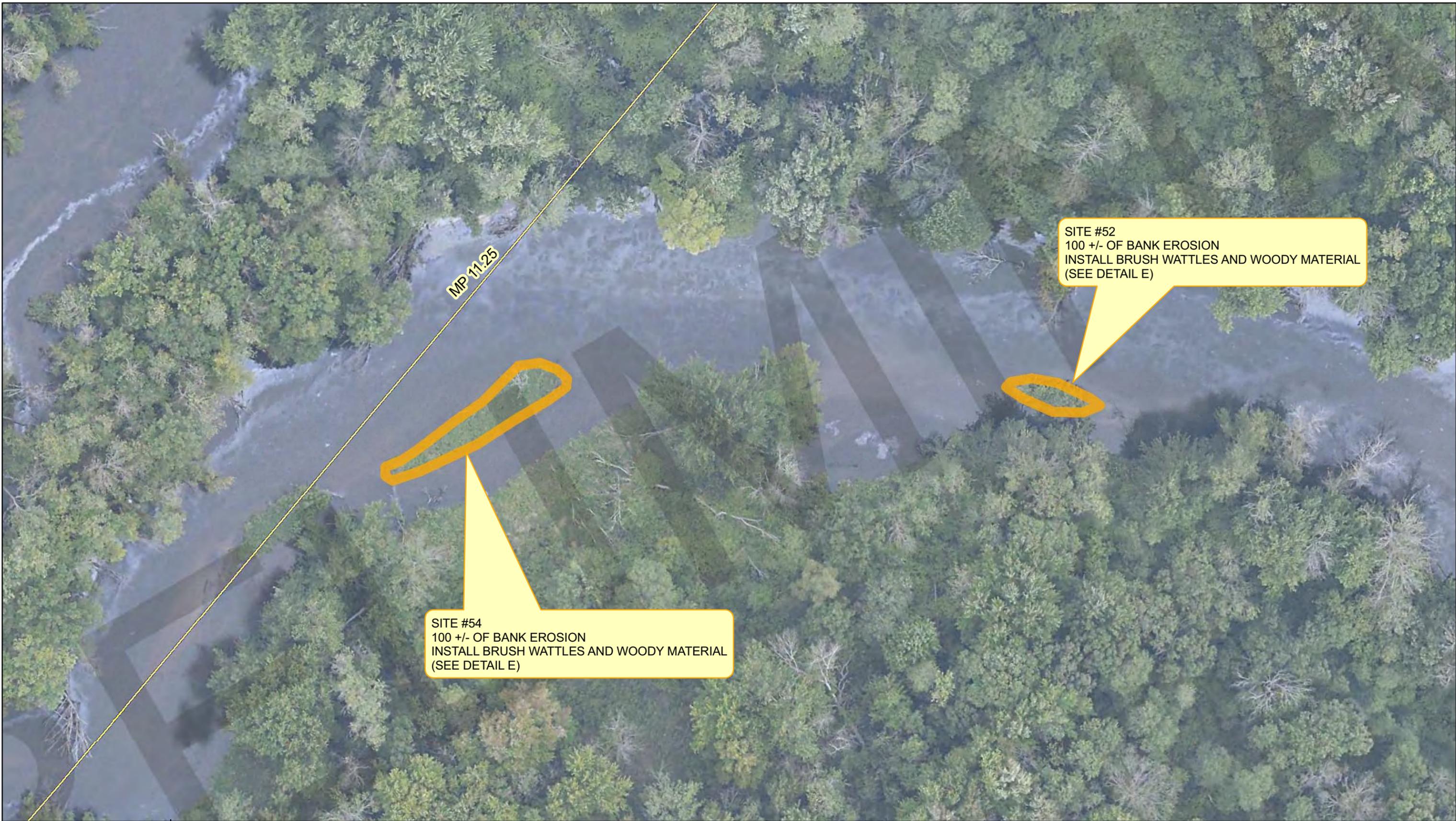
ALL APPLICABLE STATE / LOCAL PERMITS, AND LAND OWNER PERMISSION MUST BE OBTAINED PRIOR TO COMMENCING WORK

FIGURE 4  
SITE #145  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1



# 60162778

12/08/10



MP 11.25

SITE #52  
100 +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

SITE #54  
100 +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)



0 25 50 Feet

ALL APPLICABLE STATE / LOCAL PERMITS, AND LAND OWNER PERMISSION MUST BE OBTAINED PRIOR TO COMMENCING WORK

FIGURE 5  
SITES #52 & #54  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1



# 60162778

12/08/10



SITE #156  
30 +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

Approximate  
MP 11.65



0 25 50 Feet

ALL APPLICABLE STATE / LOCAL  
PERMITS, AND LAND OWNER  
PERMISSION MUST BE OBTAINED  
PRIOR TO COMMENCING WORK

FIGURE 6  
SITE #156  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1



# 60162778

12/08/10



SITE #57  
130 +/- OF BANK EROSION  
INSTALL BRUSH WATTLES AND WOODY MATERIAL  
(SEE DETAIL E)

MP 11.75



0 25 50 Feet

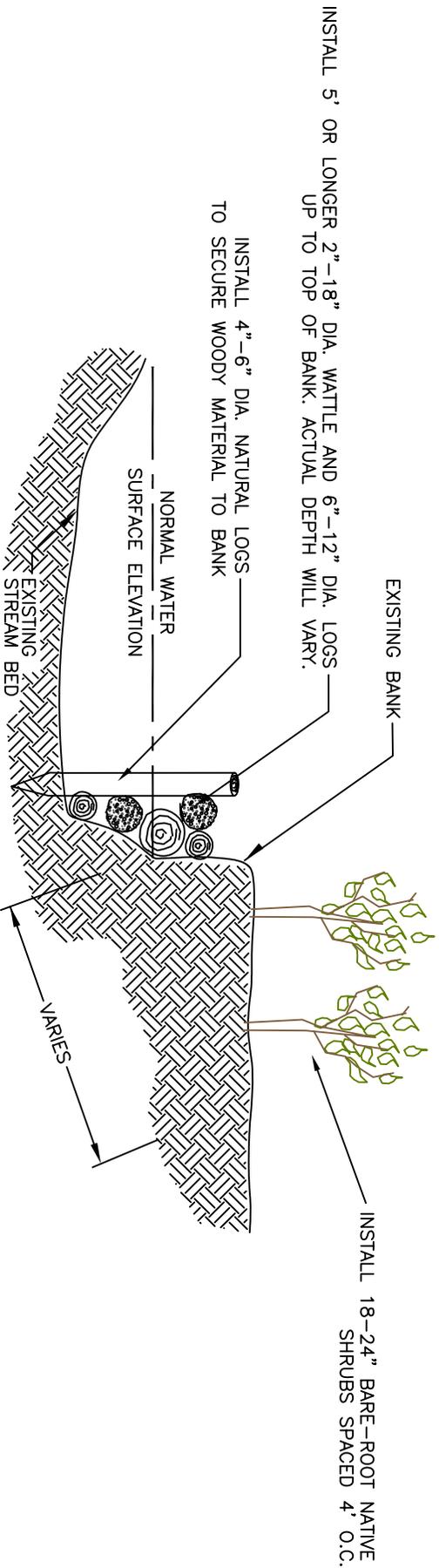
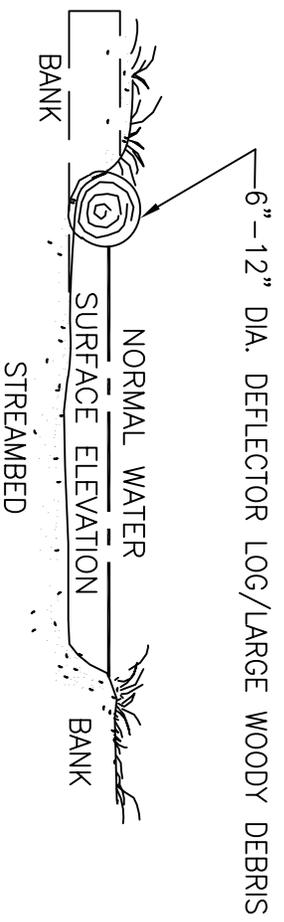
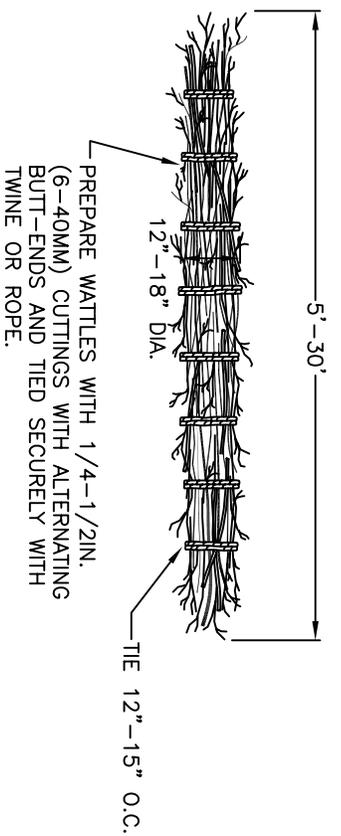
ALL APPLICABLE STATE / LOCAL PERMITS, AND LAND OWNER PERMISSION MUST BE OBTAINED PRIOR TO COMMENCING WORK

FIGURE 7  
SITE #57  
BANK EROSION STABILIZATION DESIGN  
ADDENDUM NO.1



# 60162778

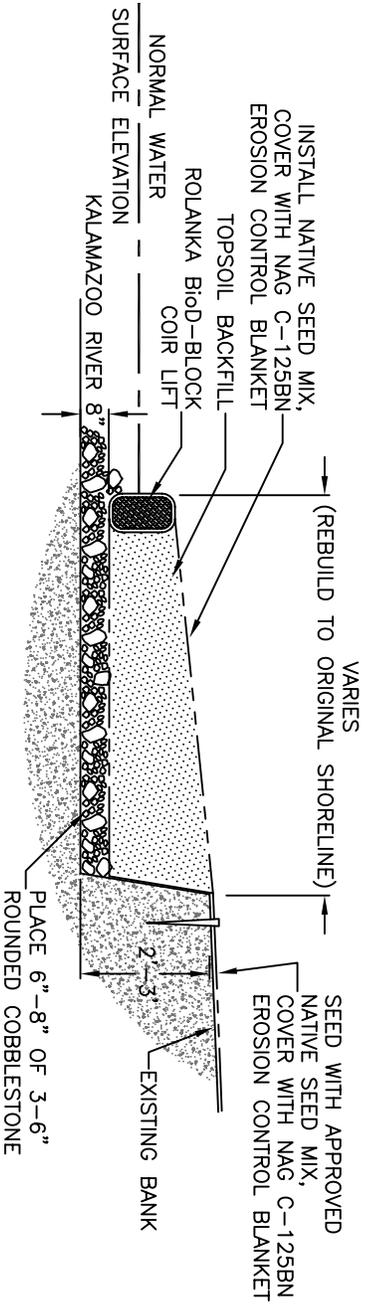
12/08/10



**TYPICAL BRUSH WATTLES/LARGE WOODY DEBRIS**

NOT TO SCALE

Detail E - Brush Wattles and Woody Debris  
 Enbridge Line 6B Incident  
 Kalamazoo River Proposed Typical Restoration Techniques  
 Calhoun County, Michigan  
 JFNew 1008114.00 - Dec 16, 2010



**TYPICAL BANK RECLAMATION**  
NOT TO SCALE

**Detail F - Bank Reclamation**  
**Enbridge Line 6B Incident**  
**Kalamazoo River Proposed Typical Restoration Techniques**  
**Calhoun County, Michigan**  
**JFNew 1008114.00 - Oct 18, 2010**