

APPENDIX F - CURVE DESIGN

The following figures represent a sample design for construction of four curves located on Forest Road 50079 that would require reconstruction in order to implement the road reconstruction portion of the project proposal. Although only a 40 foot curve radius is displayed for analysis within the Draft Environmental Impact Statement, both the 40 and 50 foot curves are displayed for the viewers' information. The 50 foot curve construction was considered but dropped from detailed analysis by the Forest Supervisor. See Chapter 2 of the DEIS for additional information. Curve designs provided by Donald J. Wilcox, Civil Engineer, 10/20/2002 (see project record).

Exhibit 1a – 40 Feet Curve Radius

Forest Road 50079 Curve Widening for Curve #'s C11 and C12
40 Feet Radius
Disturbance Area = 30,215 Square Feet

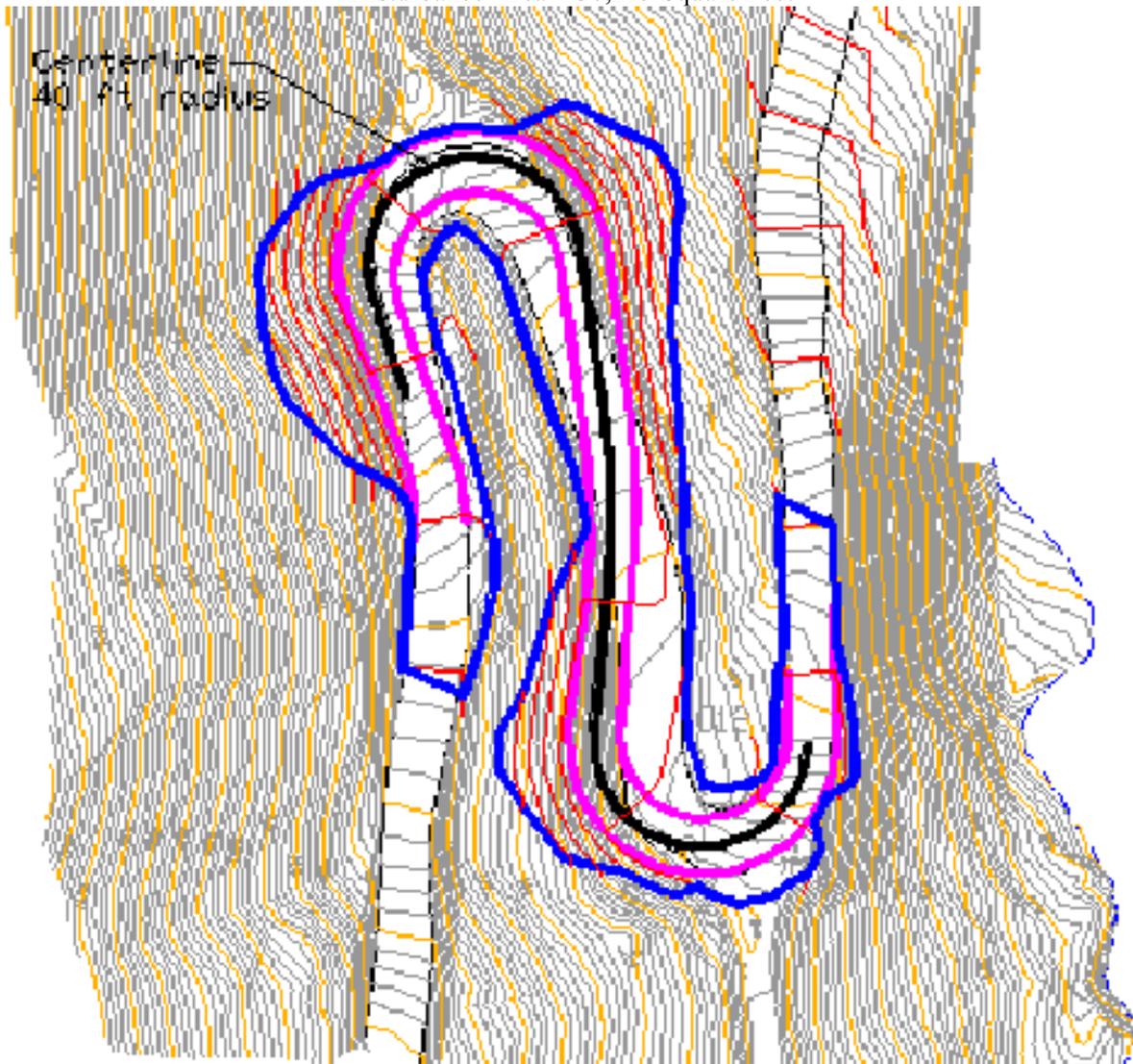


Exhibit 1b – 50 Feet Curve Radius

Monticello & Blanding Municipal Watershed Improvement Projects
Forest Road 50079 Curve Widening for Curve #'s C11 and C12
50 Feet Radius
Disturbance Area = 56,380 Square Feet

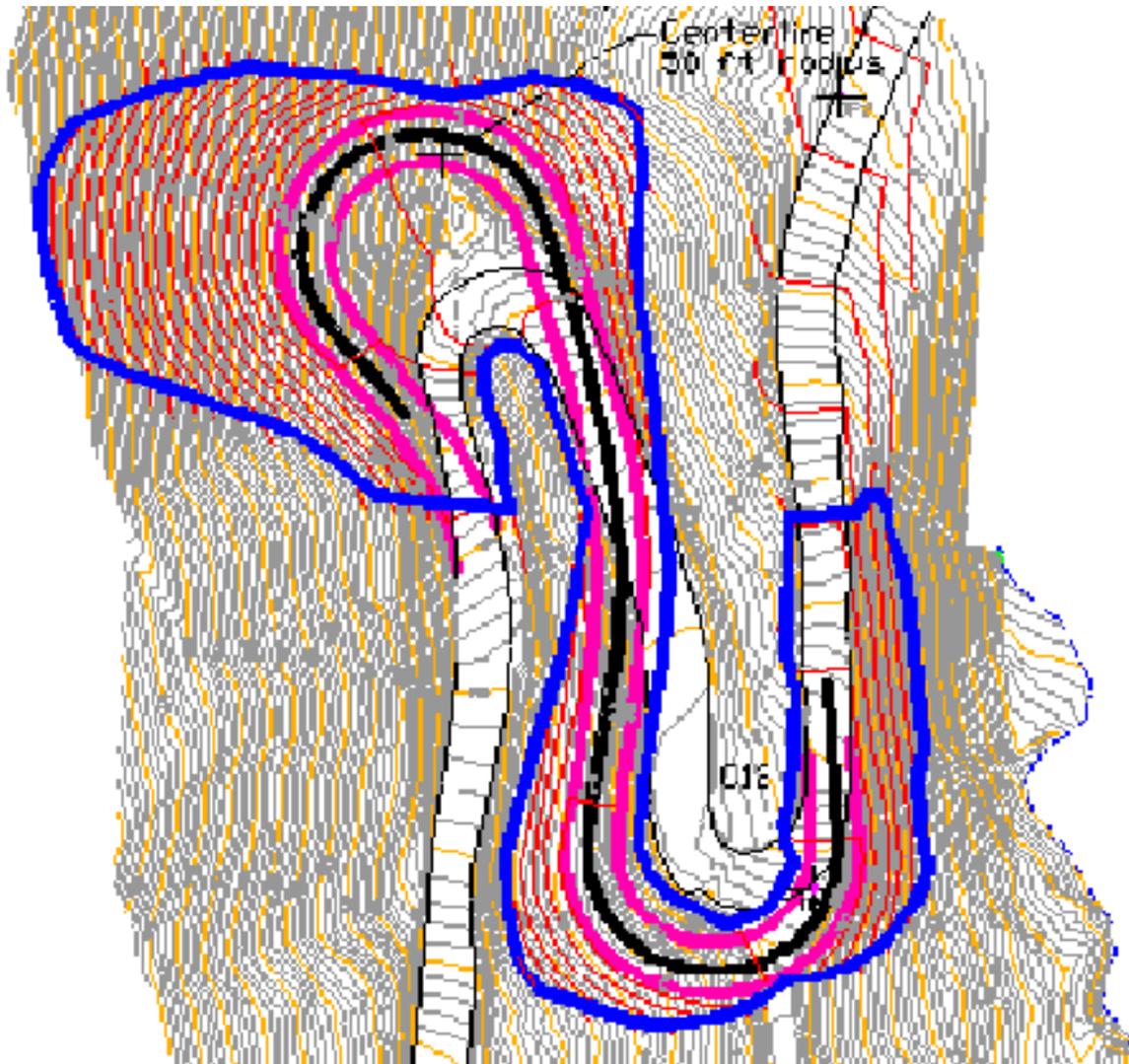
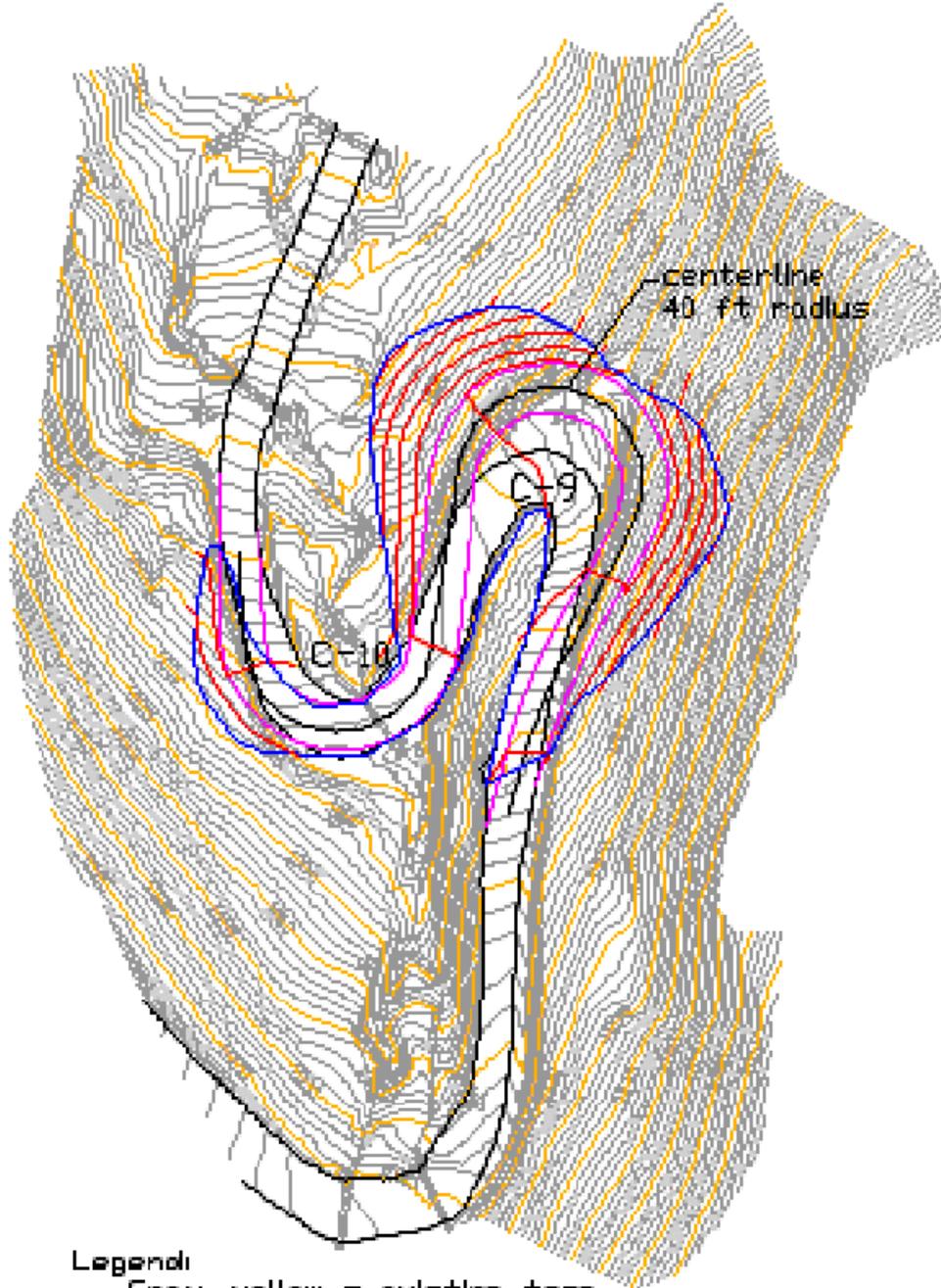


Exhibit 2a – 40 Feet Curve Radius

Monticello & Blanding Municipal Watershed Improvement Projects
Forest Road 50079 Curve Widening for Curve #'s C9 and C10
40 Feet Radius
Disturbance Area = 21,945 Square Feet

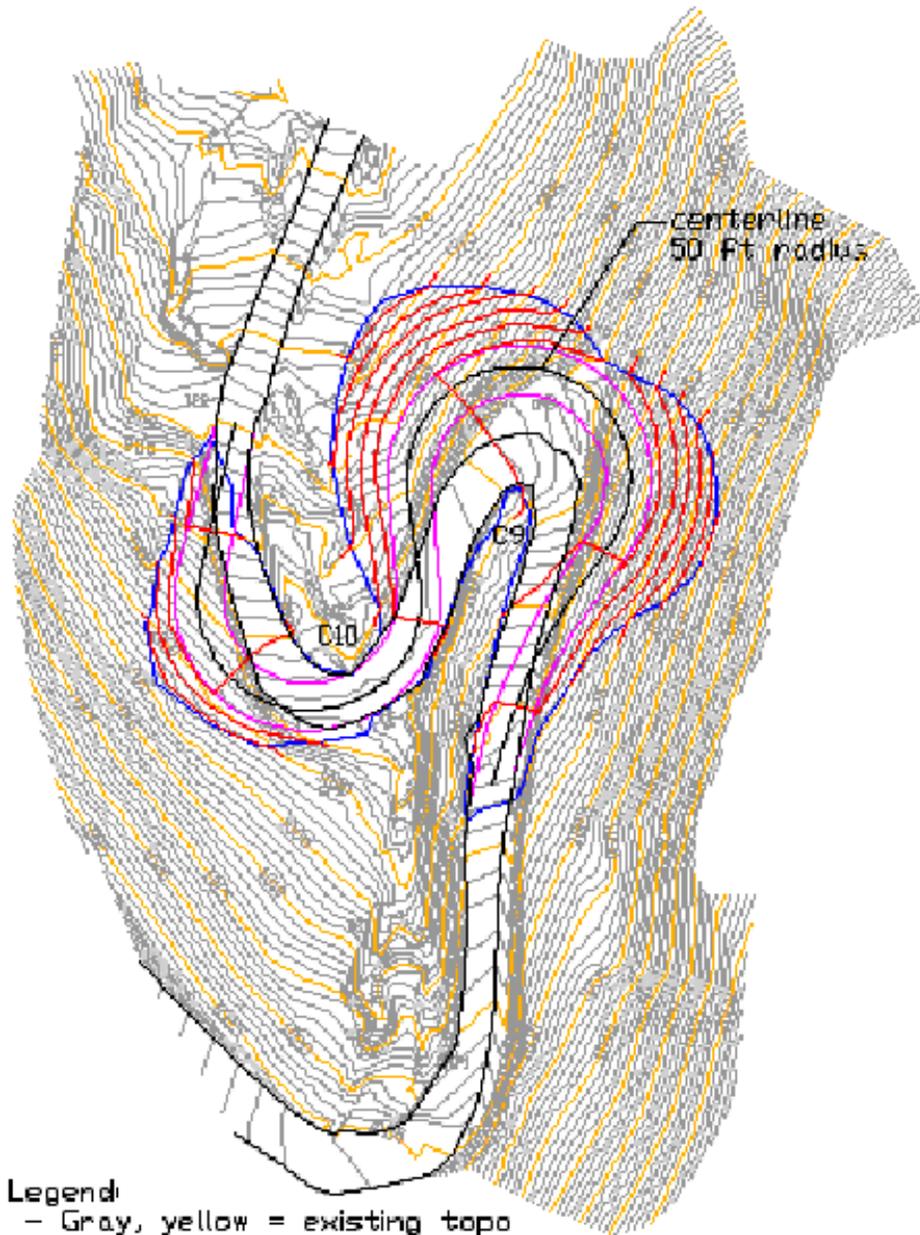


Legend:

- Gray, yellow = existing topo
- Red = regrade 10' contour
- Magenta = design shoulder of road
- Blue = Disturbance Unit

Exhibit 2b – 50 Feet Curve Radius

Monticello & Blanding Municipal Watershed Improvement Projects
Forest Road 50079 Curve Widening for Curve #'s C9 and C10
50 Feet Radius
Disturbance Area = 29,710 Square Feet



- Legend:
- Gray, yellow = existing topo
 - Red = regrade 10' contour
 - Magenta = design shoulder of road
 - Blue = Disturbance limit