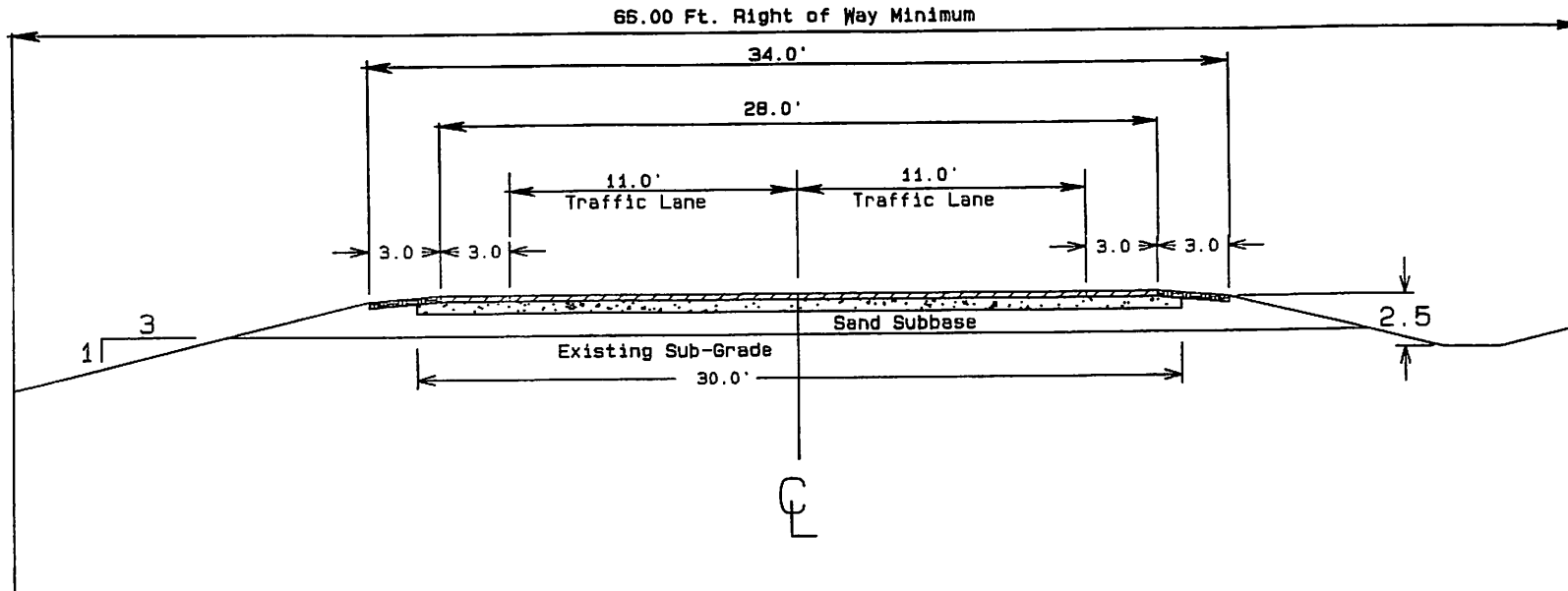

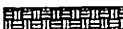
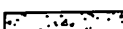



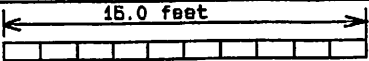
**NOTE:**  
 All disturbed areas are to be topsoiled (3"), then seeded with a road side seed mix at the rate of 100#/acre, then cereal rye seed at the rate of 56# /acre, then a chemical fertilizer nutrient at the rate of 240# /acre, then mulch with hay or straw at the rate of 2 Tons /acre, then a latex based anchoring mulch applied at the rate specified by the manufacturer.

**NOTE:**  
 The current issue of the "Soil Erosion and Sedimentation Control Operating Procedures for the Mason County Road Commission" shall apply for all roads that will be accepted by the County Road Commission. (Available at the office of the Mason County Road Commission)



-  Surface: 28 ft wide; 330 lb/syd Bituminous Pavement (2-165 lb/syd Courses); 2.0% Cross Slope
-  Shoulders: 3 ft wide; Class A Shoulder with; 6.0% Cross Slope
-  Base: 30 ft wide; 6" Compacted MDOT Approved 22-A Gravel
-  Subbase: 12" Compacted MDDT Class II Sand

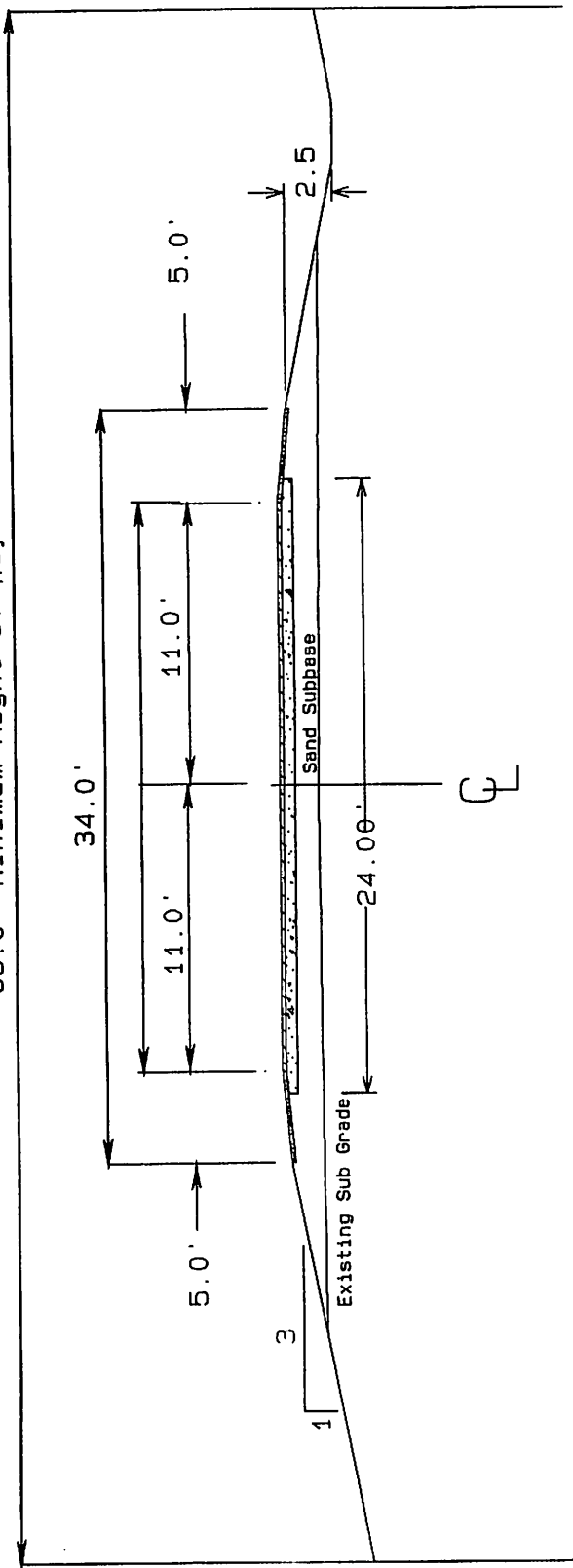
Ditches & Slopes: Cut Sections: 2.5 ft round bottom; 1 on 3 Front Slope or flatter: 1 on 2 back slope or flatter

Typical All Season Rural Cross Section 	Mason County Road Commission	
	Drafted by:	THW
	Date:	January 12, 2004
	File Name:	DETAIL 1, All Season.pro

NOTE:  
 All disturbed areas are to be topsoiled (3"), then seeded with a road side seed mix at the rate of 100#/acre, then cereal rye seed at the rate of 50#/acre, then a chemical fertilizer nutrient at the rate of 240#/acre, then mulch with hay or straw at the rate of 2 tons/acre, then a latex based anchoring mulch applied at the rate specified by the manufacturer.

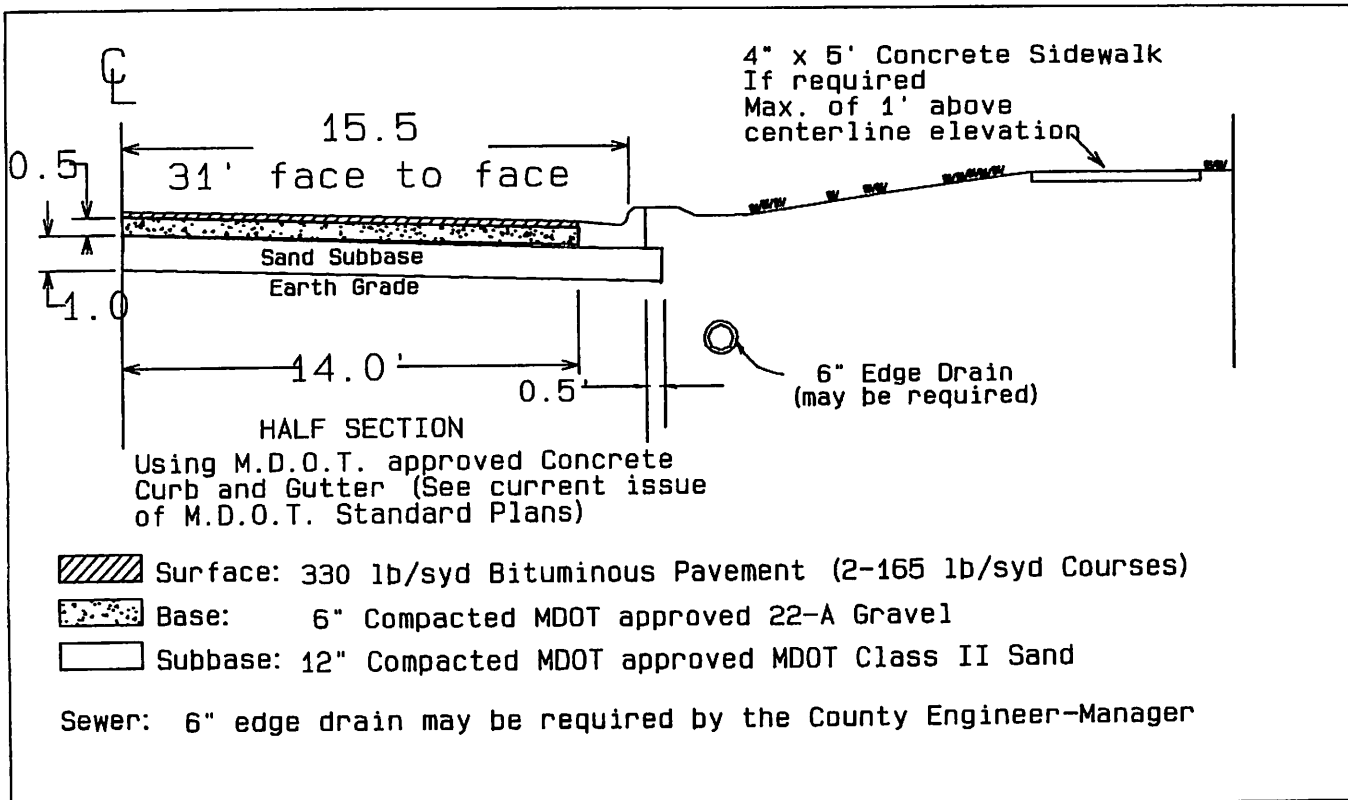
NOTE:  
 The current issue of the "Soil Erosion and Sedimentation Control Operating Procedures for the Mason County Road Commission" shall apply for all roads that will be accepted by the County Road Commission. (Available at the office of the Mason County Road Commission)

66.0' Minimum Right of Way

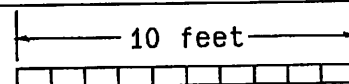


- Surface: 22 ft wide; 300 lb/syd HMA Pavement (2-150 lb/syd Courses); 2.0% Cross Slope
- Shoulders: 5 ft wide; Class A 1; 6.0% Cross Slope
- Base: 24 ft wide; 6" Compacted MDOT approved 22-A Gravel
- Subbase: 12" Compacted MDOT approved Class II Sand
- Ditches & Slopes: Cut Sections 2.5 ft round bottom; 1 on 3 Front Slope or flatter; 1 on 2 Back Slope or flatter; Fill Sections 1 on 3 Front Slope or flatter

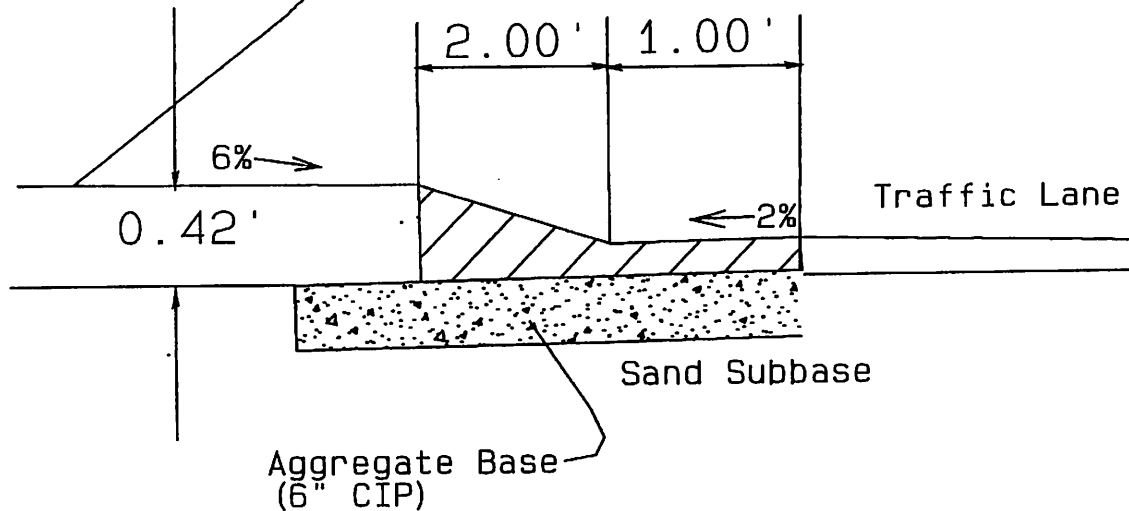
Typical Local Road-Rural Cross Section		Mason County Road Commission	
Drafted by: THW		Date: January 12, 2004	
Date: January 12, 2004		File Name: DETAIL 2, Local.pro	



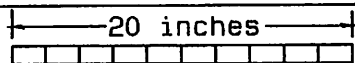
Typical Urban Section  
 (Half Section)



3' Grass Shoulder



Typical HMA Curb



Mason County Road Commission

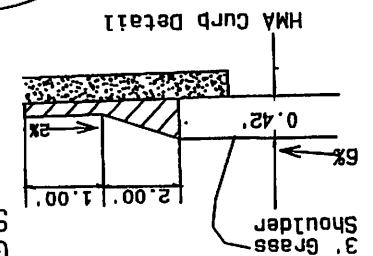
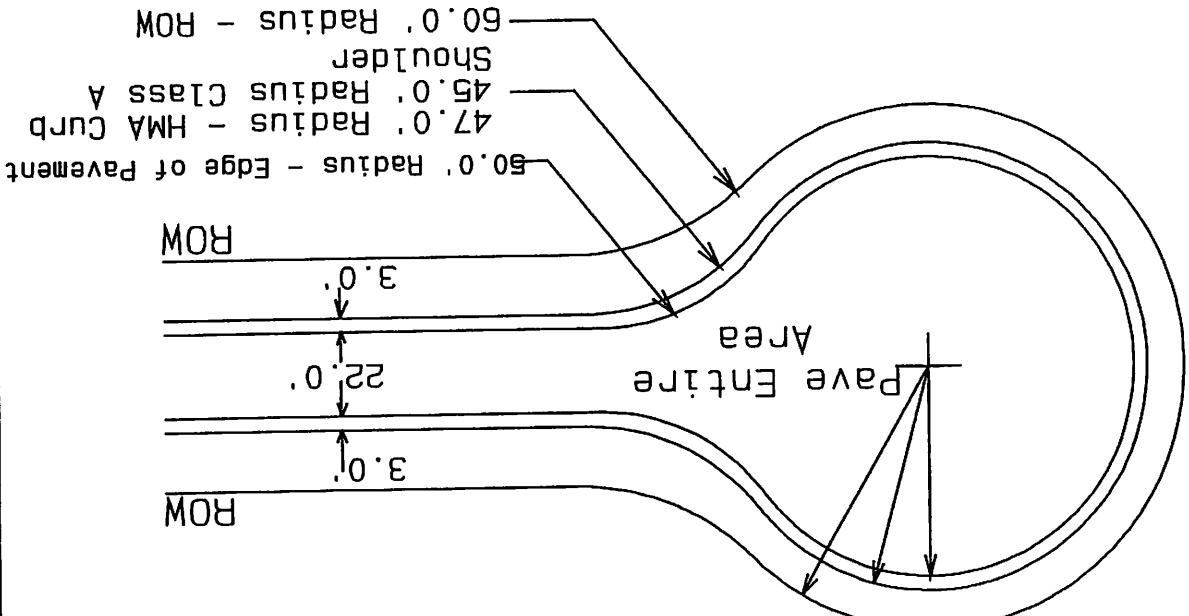
Drafted by: THW

Date: JANUARY 12, 2004

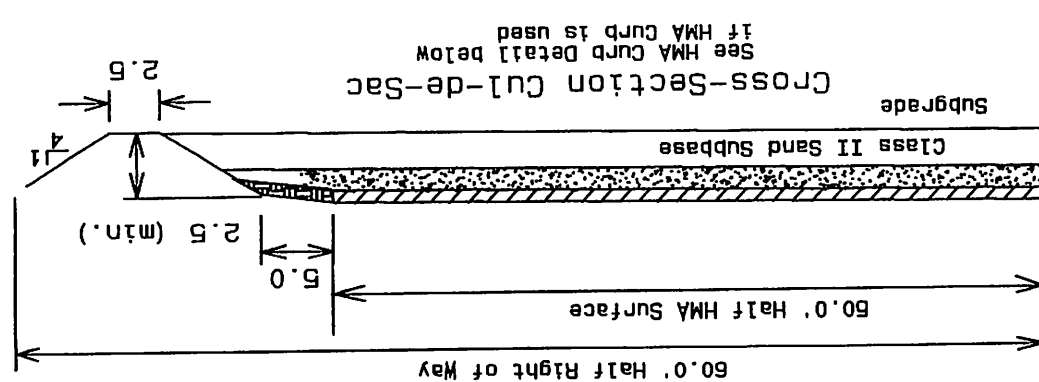
File Name: DETAIL 3 Urban.pro

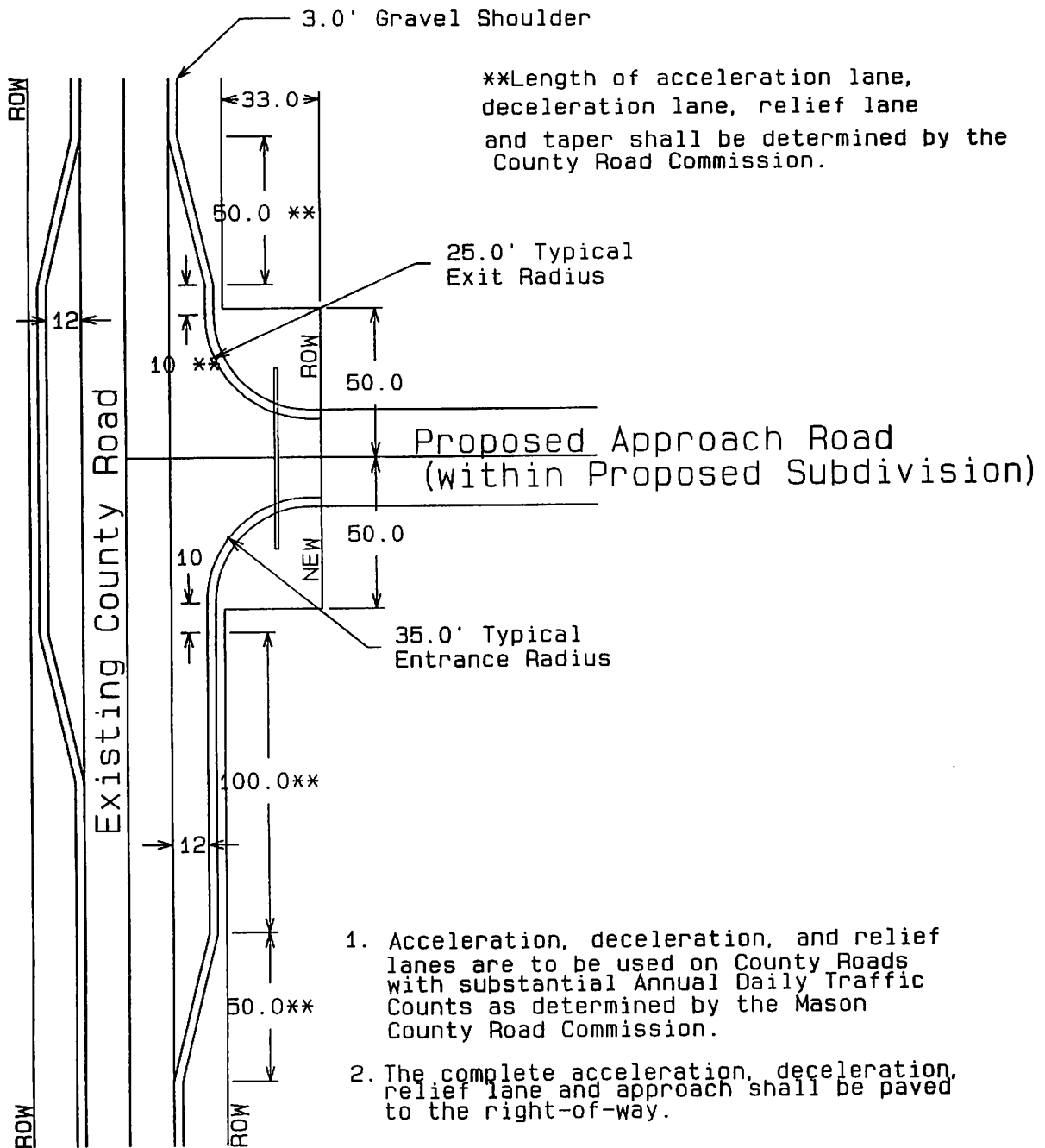
# Typical CUL-de-Sac

File Name: DETAIL 4 - CUL-de-sac.pro	Drafted by: THW
Date: January 13, 2004	Mason County Road Commission



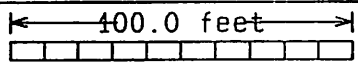
- Surface: HMA Surface: 300 lb/syd; (2 courses @ 150#/syd each) 2.0% Slope
- Base: 22-A Compacted MDT approved Gravel; 6" (min.)
- Subbase: Compacted MDT approved Class II Sand; 12" (min.)
- Shoulder: 5' Class A Grass Shoulder (No Curb), 3' Class A Grass Shoulder (In Curb areas); 6.0% Cross Slope

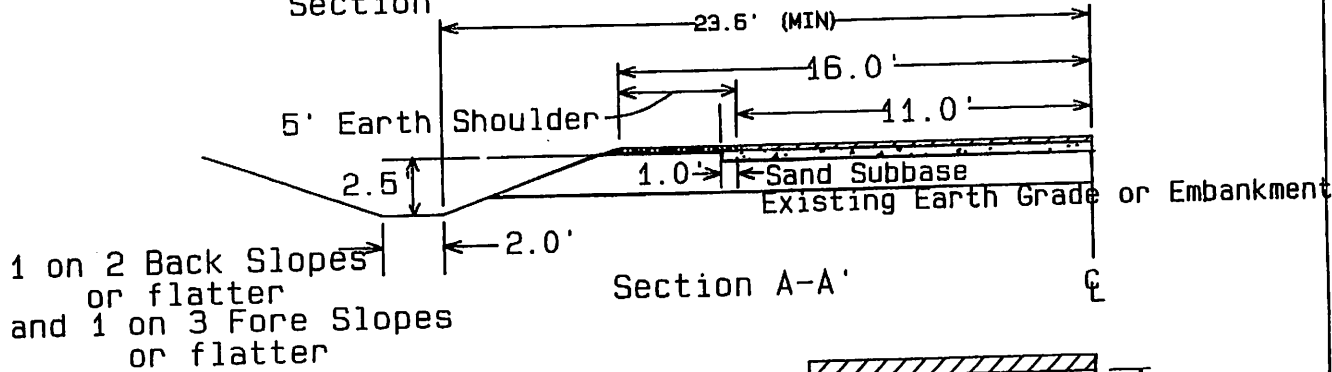
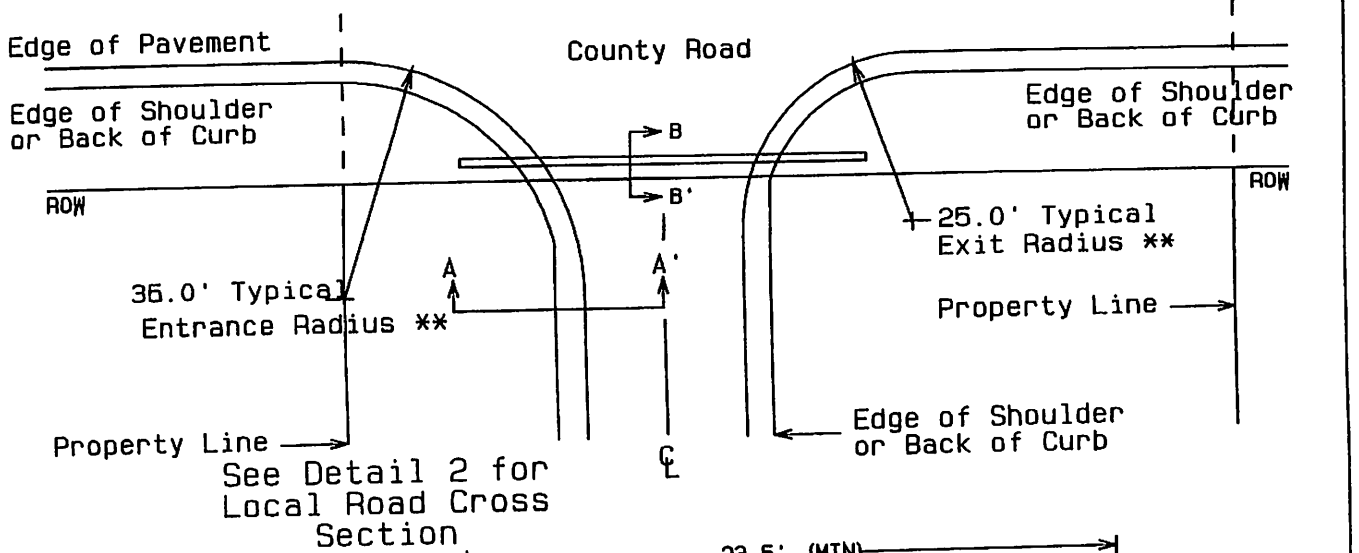








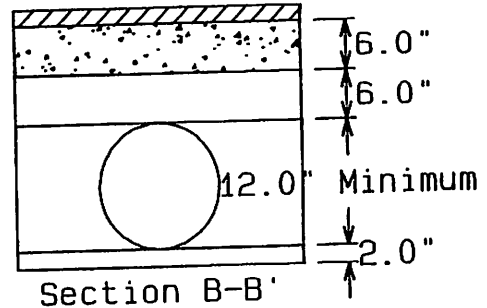
\*\*Length of acceleration lane, deceleration lane, relief lane and taper shall be determined by the County Road Commission.

1. Acceleration, deceleration, and relief lanes are to be used on County Roads with substantial Annual Daily Traffic Counts as determined by the Mason County Road Commission.
2. The complete acceleration, deceleration, relief lane and approach shall be paved to the right-of-way.
3. M.C.R.C. will evaluate each specific location to determine whether the typical entrance and exit radii may be reduced.

Typical Road Entrance- Urban	Mason County Road Commission	
	Drafted by:	THW
	Date:	January 13, 2004
	File Name:	DETAIL 5 Urban Approach



-  Surface: HMA Pavement, 300 lb/syd
-  Base: 22-A Compacted Gravel
-  Subbase: Compacted Class II Sand
-  Culvert: 12" dia. (min)



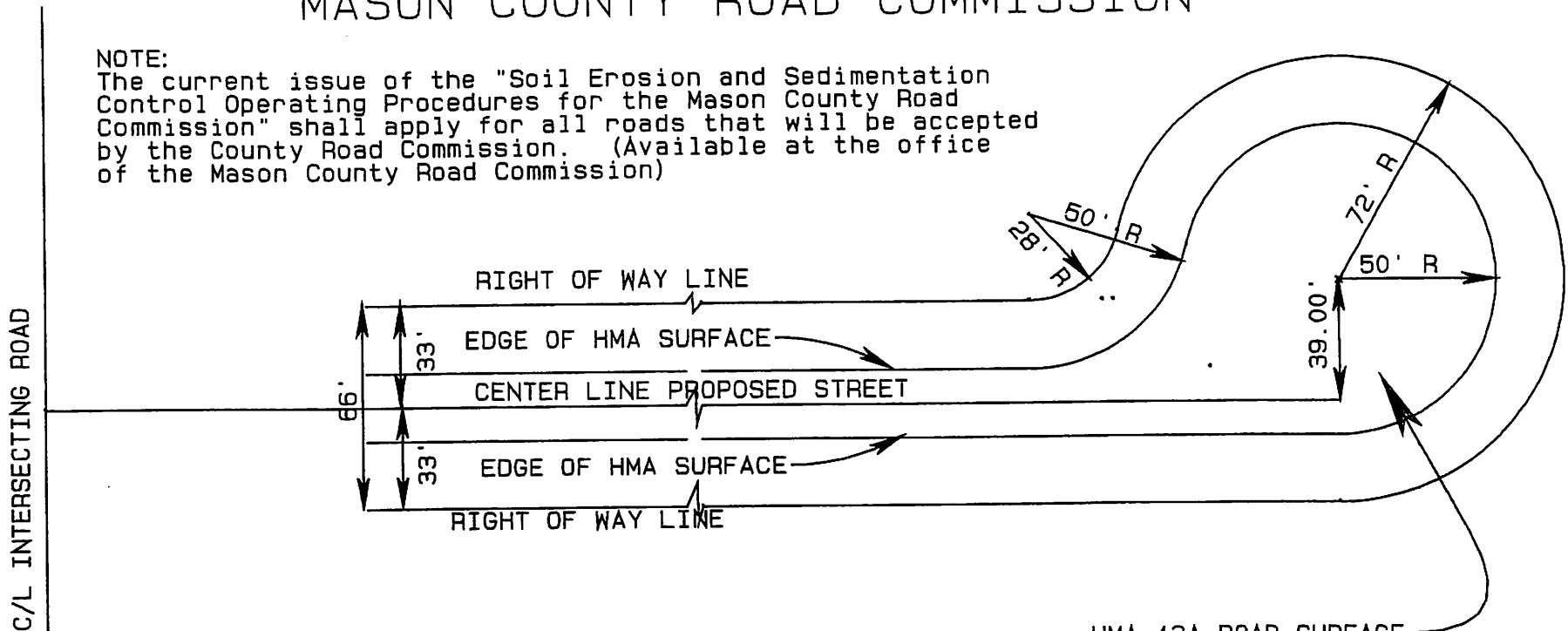
1. No portion of driveway, including culvert or radius, is to extend beyond the property boundaries of the Subdivision.
  2. Clean out ditch bottom and install culvert as per details, with 12" minimum cover over culvert.
  3. All slopes are to be 1 on 4 with topsoil, seed and mulch.
  4. M.C.R.C. will evaluate each specific location to determine whether curb, gutter, acceleration lanes, deceleration lanes, or relief lanes will be required.
- \*\* M.C.R.C. will evaluate each specific location to determine whether the typical entrance and exit radii may be reduced.

<h2 style="margin: 0;">Typical Approach Road Rural</h2>	Mason County Road Commission	
	Drafted by:	THW
	Date:	January 12, 2004
	File Name:	DETAIL 6 Approach.pro

# MASON COUNTY ROAD COMMISSION

**NOTE:**

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**NOTE:**

All disturbed areas are to be topsoiled (3"), then seeded with a road side seed mix at the rate of 100# /acre, then cereal rye seed at the rate of 56# /acre, then a chemical fertilizer nutrient at the rate of 240# /acre, then mulch with hay or straw at the rate of 240# /acre, then a latex based anchoring mulch applied at the rate specified by the manufacturer.

TYPICAL TEAR DROP CUL-DE SAC	Mason County Road Commission	
	Drafted by:	THW
	Date:	January 15, 2004
	File Name	DETAIL 7 Tear Drop.pro

ENGINEER/SURVEYOR CERTIFICATE

Date:.....

Subdivision Name.....

Twp.of.....

Mason County, Michigan

I hereby certify that the construction of .....  
Is completed in accordance with the "Current issue of the Mason County Road Commissions  
Standards and Specifications for Street and Road Construction" and that;

- (1) I have personally supervised and inspected the construction;
- (2) All drainage has been installed in accordance with the approved plans;
- (3) All roads are built in accordance with the approved plans and standard specifications;
- (4) That all materials meet the requirements of the standard specifications and all testing data is attached hereto;
- (5) That all monuments as shown on the plat are in place and in good condition.

Signed.....  
Professional Engineer

Signed.....  
Professional Land Surveyor

SEAL

SEAL