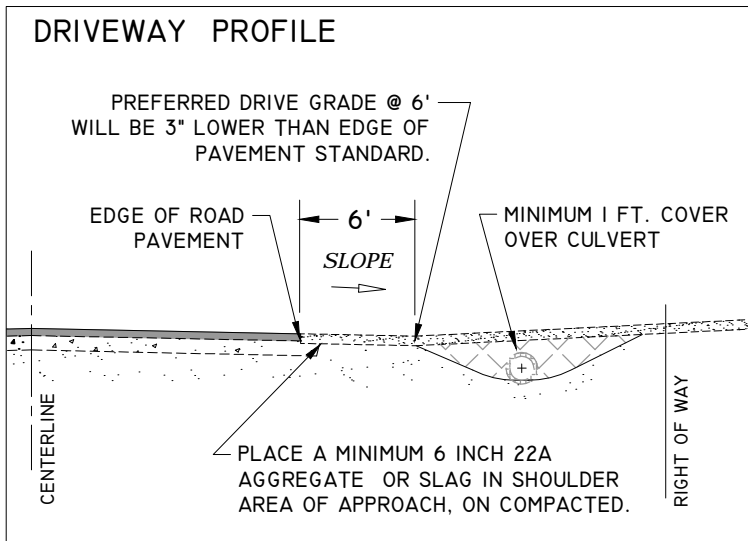
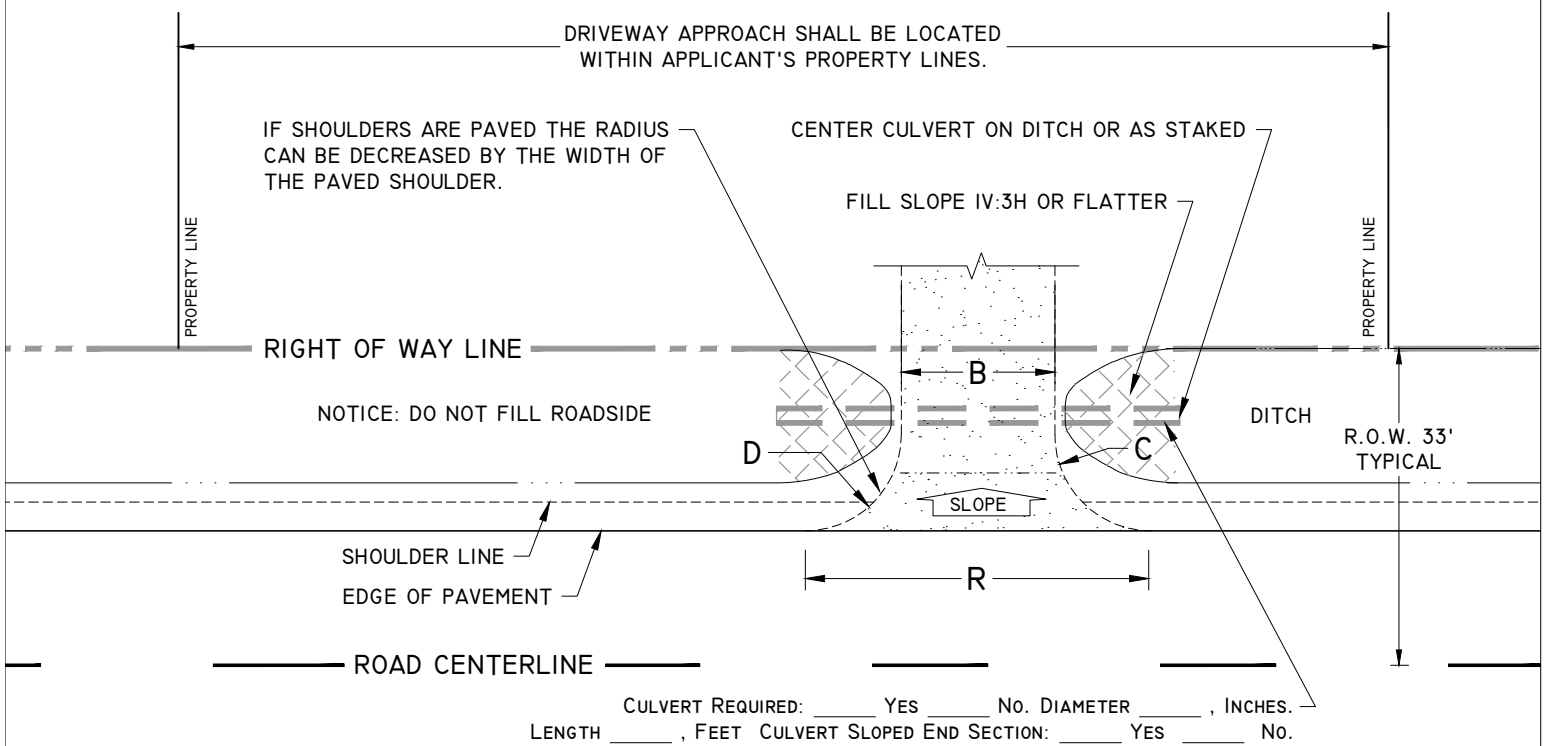


**MUSKEGON COUNTY ROAD COMMISSION**  
**TYPICAL DETAIL FOR**  
**MINIMUM REQUIREMENTS**  
**RESIDENTIAL DRIVEWAY APPROACH**  
**SERVING 1 TO 2 PARCELS**  
 ( SINGLE FAMILY DWELLING UNITS - GRAVEL )

RESIDENTIAL DRIVEWAY - GRAVEL			
DESIGN FEATURES		STANDARDS	RANGE
INTERSECTION ANGLE	A	90°	70° TO 110°
DRIVEWAY WIDTH	B	12* FEET	10 TO 24
ENTERING RADIUS	C	15 FEET	15 TO 25
EXITING RADIUS	D	15 FEET	15 TO 25
TOTAL OPENING B+C+D=	R	42 FEET	38 TO 55

PERMIT NO. \_\_\_\_\_,  
 PROPERTY OWNER: \_\_\_\_\_,  
 CONTRACTOR: \_\_\_\_\_,  
 DATE: \_\_\_\_\_,

NOTE: \* TWO PARCEL DRIVEWAY WILL BE STANDARD 18 FEET.



- NOTE:
- 1) THE DRIVEWAY SHALL BE SO LOCATED THAT NO UNDUE INTERFERENCE WITH THE FREE MOVEMENT OF ROAD TRAFFIC WILL RESULT, AND TO PROVIDE THE REQUIRED SIGHT DISTANCE.
  - 2) FLARED END SECTIONS ARE REQUIRED ON CULVERTS 18 INCH DIAMETER AND LARGER.
  - 3) CULVERT AND DRIVEWAY APPROACH FUTURE MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
  - 4) THE "RANGE" IN DIMENSIONS INDICATES THE WORKING VALUES FOR EACH DESIGN FEATURE. THE "STANDARD" DIMENSION SHALL BE USED UNLESS THE PERMIT DEPARTMENT SPECIFIES, OR THE APPLICANT SHOWS CAUSE FOR, A DIFFERENT VALUE. ANY VARIATION MUST BE APPROVED BY THE COUNTY HIGHWAY ENGINEER.