

**CULVERT INSPECTION AND INVENTORY LOG-ENTITY:**

1. CULVERT #	2. RANGE:	3. SECTION:	4. GPS:LAT: LONG:	5. # OF CULVERTS:
6. ROAD:			7. LOCATION:	
8. TWSHP ROAD: YES NO		9. PRIVATE APPROACH: YES NO		10. YEAR INSTALLED:
11. BUS ROUTE: YES NO		12. MAIL ROUTE: YES NO		13. MILK ROUTE: YES NO
14. ROAD WIDTH @ CULVERT:		15. ALIGNMENT TO ROAD: ANGLED PERPENDICULAR		
16. LENGTH OF CLUVERT:		17. HEIGHT TO ROAD:		
18. WINGWALLS: YES NO		19. HEADWALLS: YES NO		20. RIP RAP: YES NO
21. CULVERT EXTENDS PAST DITCH SLOPE: YES NO STRAIGHT BEVELED				22. MARKED: YES NO

23. CULVERT MATERIAL: CONCRETE: REINFORCED NON-REINFRCD CORRUGATED: STEEL ALUMINUM

24. CULVERT SHAPES CIRCULAR A: _____	ELLIPTICAL	BOX:	PIPE ARCH	METAL BOX	ARCH
	A: _____ B: _____	A: _____ B: _____	A: _____ B: _____	A: _____ B: _____	A: _____ B: _____

**25. CULVERT FEATURES: RATE THE CONDITION OF EACH FEATURE 1, 2, 3, 4 4 = CRITICAL**

FEATURE	RATE	DATE	INITIALS	RATE	DATE	INITIALS	RATE	DATE	INITIALS
HEADWALLS									
WINGWALLS									
ABRASION									
PITTING									
CONNECTIONS									
CULVERT BODY									
SETTLEMENT									
DEBRIS									
JOINTS									
CRACKS									
EROSION									
ROADWAY SAG									

26. DESCRIBE ALL CONDITIONS "3 OR 4":

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27. MAINTENANCE OR REPAIRS REQUIRED:

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## INSTRUCTIONS FOR COMPLETION OF CULVERT INSPECTION AND INVENTORY LOG

1. Enter the number given to the particular culvert. This number should be used in conjunction with a map showing the location of all your culverts.
2. Enter the range number where the culvert is located.
3. Enter the section number where the culvert is located.
4. Enter the Global Positioning Satellite (GPS) coordinates of the culvert.
5. Enter the number of culverts located at that particular location.
6. Enter the name or number (9-1-1 address) of the the road where the culvert is located.
7. Enter the approximate location of the culvert installation on the road. For example: 35 feet South of the intersection of 387<sup>th</sup> Avenue and Country Road 56.
8. Circle the appropriate response.
9. Circle the appropriate response.
10. If known, enter the year the culvert was installed. If the exact year is unknown, enter the best estimate along with a question mark.
11. Circle YES or NO depending upon whether or not the culvert is on a school bus route.
12. Circle YES or NO depending upon whether or not the culvert is on a mail route.
13. Circle YES or NO depending upon whether or not the culvert is on a dairy farm milk pick up route.
14. Enter the width of the road directly above the culvert in feet and inches.
15. Circle ANGLED or PERPENDICULAR depending upon how the culvert aligns with the road/approach.
16. Enter the length of the culvert TUBE in feet and inches. Do not include the wingwalls or headwalls in the measurement.
17. Enter the height from the inside top edge of the culvert to the road surface.
18. Circle YES or NO depending upon if the culvert has wingwalls or not.
19. Circle the appropriate response.
20. Circle the appropriate response.
21. Circle the appropriate response.
22. Circle the appropriate response.
23. Circle the appropriate responses.
24. Find the appropriate shape for the culvert and enter the measurements for A and B in the spaces provided.
25. Examine each feature of the culvert from the list. Give each feature a condition rating from 1 – 4. A rating of 4 is critical. Insert the month and year of the inspection/inventory. Insert all three initials of the inspector.
26. Write a brief narrative of the culvert conditions rating either a 3 or 4.
27. Write a brief narrative of the maintenance or repairs required. Include on this sheet, the name of the person (person that will perform the work) the sheet (a copy) is given to, as well as the date they were given the sheet.

