

LAYTON CITY STORM DRAIN DECAL PROGRAM

EAGLE SCOUT or COMMUNITY SERVICE PROJECT

Layton City Public Works Engineering Department

437 North Wasatch Drive-Lower Level

Layton, Utah 84041

Contact: Ashley Thoman (801) 336-3700

PURPOSE

Storm drain decals and brochures have become a popular method of teaching the public about the effects and prohibitions against waste disposal in the storm drain system. The decals are glued to the side of the drain inlet and the brochures are distributed door-to-door with a message that informs the public that water that enters the storm drain system is not treated prior to discharge into local waters. The brochures also offer tips on how to prevent storm water pollution.

- 1.** Obtain a street map of the area and receive the decals from Layton City Engineering Department. This map shows the location of each storm drain inlet box. Any area not completed may be chosen for the decal program.
- 2.** Use the map as a guide to help you find each inlet box. If the map shows incorrect information about the location of inlet boxes, please indicate the new information on the map or a separate sheet of paper. Use the street address as the locator.
- 3.** Materials provided by Layton City Engineering at no charge:
 - Decals
 - Brochures (Box of Rubber Bands)
 - Glue
 - Caulking Guns
 - Wire Brushes
 - Pairs of gloves
 - Map

NOTE: Upon completion of the project, please return any items not used as well as the caulking guns and the wire brushes.

- 4.** This project requires adult supervision to ensure (1) the safety of scouts working in the roadway and (2) the proper use and safe handling of the adhesive, which is harmful if not properly handled.
- 5.** The scout will organize his group, clean the existing grate so it is free from debris and apply the decals according to the instruction sheet as well as distribute the 2 different brochures door-to-door to neighboring houses. Once all decals have been applied and brochures have been handed out, any unused supplies and the updated map will be returned to Layton City Engineering.
- 6.** Final inspection by Layton City Engineering will take place after completion.

CURB MARKER INSTALLATION INSTRUCTIONS

1. Clean Surface

Make sure application surface is flat, dry and free of any loose debris. **The minimum application temperature is 40° F, and the maximum temperature is 100° F.**

2. Apply Adhesive

Coming in 1/8" from the outside edge of the marker, apply a bead of adhesive and then work in to the center.



Step 1



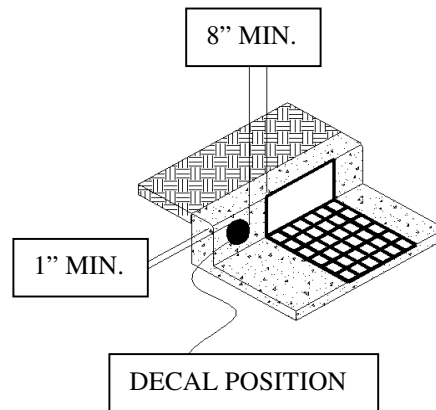
Step 2

3. Stick It!

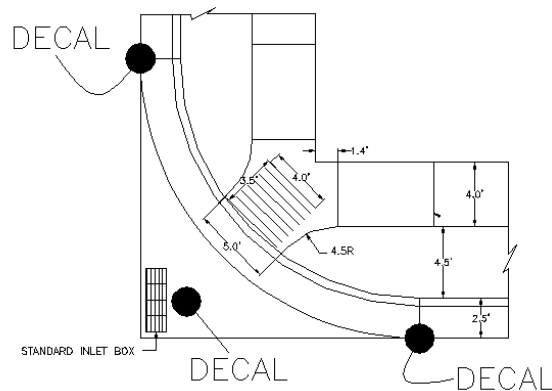
Apply the marker to the application surface pushing down **HARD** forcing adhesive out around the entire edge. It is important that the entire edge of the marker is sealed to the application surface. Hold the decal in position for a minimum of 2 minutes.



Step 3



NOTE: If grate is not located at the curb, install decal on closest adjacent curb. If the vertical curb surface is less than 6 inches high and you are not able to install the decal on the vertical surface, install the decal on the top of the curb.



- **CURB MARKER ADHESIVE IS HARMFUL AND MUST BE PROPERLY HANDLED. ADULT SUPERVISION IS REQUIRED TO ENSURE SAFE HANDLING.**

HINTS FOR USE OF CURB MARKER ADHESIVE

- **Wear gloves and other protective clothing, as necessary.**
- **It is not necessary to use a large amount of adhesive.**
- **Push down on the marker so that it is "TIGHT" to the surface. Large amounts of adhesive trapped under the surface of the marker can retard cure time. Hold the decal in place for 2 minutes.**
- **Make sure that the edge has approximately 1/8" of adhesive all around to seal edge to the surface.**
- **Wash hands with hand cleaner then soap and water.**
- **At 75° F, adhesive will skin over in 1-hour, become hard to touch in 4-hours, and achieve a full cure in 18-hours.**
- **MIN APPLICATION TEMPERATURE = 40° F**
- **MAX APPLICATION TEMPERATURE = 100° F**

FIRST AID PROCEDURES

INHALATION: Remove to fresh air, administer oxygen or artificial respiration. Contact physician. EYES: Flush eyes with water for at least 15 minutes. SKIN CONTACT: Wash with soap and water. Contact physician if irritation persists. INGESTION: Do not induce vomiting. Contact physician immediately.

DANGER: Extremely flammable. Vapor harmful. Vapors may ignite explosively. Keep away from and do not use near heat, sparks, and open flame.