



STREET SYSTEMS

933-3138:3139:3194 Basic Package
933-3155:3156:3195 Add-on Straights

®

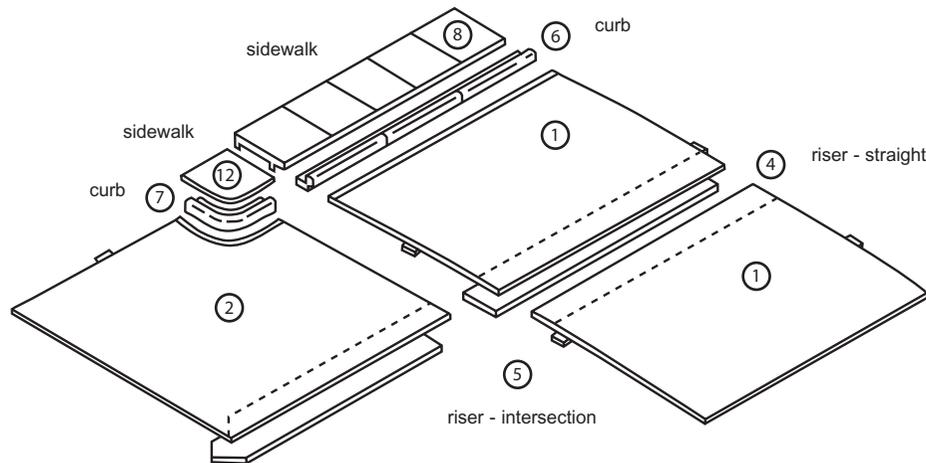
GENERAL INFORMATION:

The Walthers Street System was designed to make building roads, curbs and sidewalks an easy addition to your layout. Use plastic compatible cement for joining the kit parts. A white / carpenters glue, or epoxy for securing the sections to your layout will provide time for adjustments. While there are many ways to build the street system, we have found the following suggestion to yield flexibility and cleanest assembly. Straight Sections (933-3195), Grade Crossing sections (933-3137) and Street Track inserts (933-3140) are also available separately for use with this system.

1. Start by gluing roadway sections (1) to each other and to riser (4) to form a plate. Next, glue curbs (6, 7) to their corresponding sidewalk sections (8, 12), but do not attach them to the road plates at this time. For intersections, study the possible combinations shown on the following page.

Once selected, glue angled riser (5) to the underside of intersection piece (2) as shown. Building the sections in this manner will allow for temporary placement and adjustments to your design.

2. Additional details have been provided to enhance the realism of the Street System. Adding them now is much easier than when the streets are installed.
3. After testing fit and marking locations for any alleys (10), driveways (11), or curb transitions (16, 17), draw a straight line on the layout to indicate the road's center. Using your choice of white, carpenters glue, or slow drying epoxy, secure the road and sidewalk/curb assemblies to the layout one section at a time using the drawn line as an alignment guide.



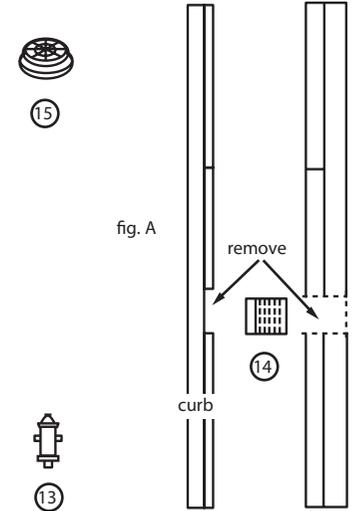
CURB TRANSITIONS

Parts (16, 17) can be used to simulate a transition to a "no curb" street. Simply glue to the ends of curb sections (6) where desired.



MANHOLE COVERS

Make sure the mounting flange on the manhole cover (15) will not interfere with the risers underneath the road plates when installed. Drill a 5/16" hole where selected, and glue the cover in from the underside using plastic cement.



SEWER GRATES

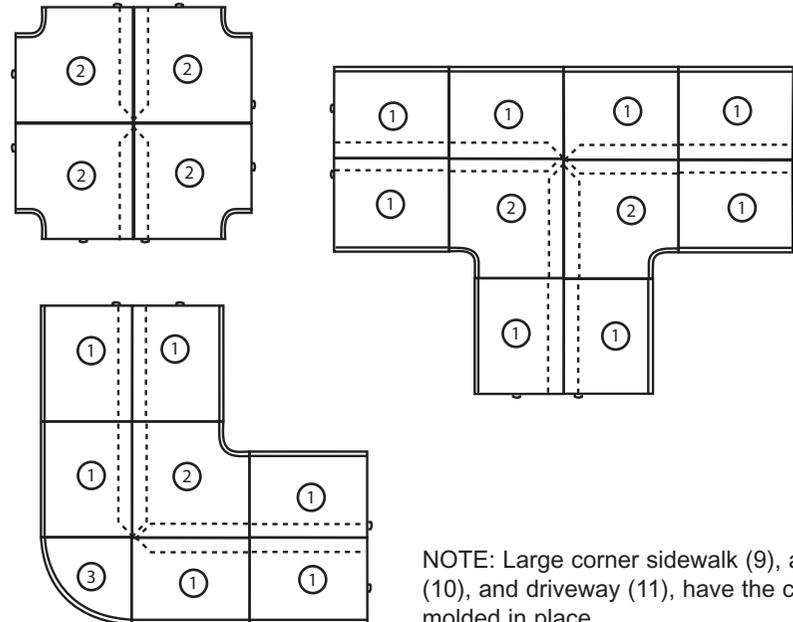
On the curb side of the road plate, remove a 1/4" x 1/4" square where the grate (14) is to be installed by using a sharp hobby knife. Match a curb/sidewalk section to the road plate and cut out the curb portion as shown to provide clearance for the grate. Once satisfied with the fit, glue the grate to the road section only.

WATER HYDRANT

Drill a 1/16" hole where selected on the sidewalk (usually near the curb) and glue the hydrant (13) in place.

EXAMPLES OF ROAD LAYOUT

(Study these diagrams for proper riser use. Sidewalks and curbs have been omitted for clarity).



NOTE: Large corner sidewalk (9), alley (10), and driveway (11), have the curbs molded in place.