
Catch Basin Cleaning

Catch Basin Cleaning: Each Catch Basin is to be thoroughly cleaned of sand, silt, and debris from the entire basin including the lower portion of the basin (i.e. basin sump) and gutter mouth of curb inlets by mechanical means or hand labor. Jetting or rodding may be required to loosen detritus materials to assure complete removal of debris. A basin which cannot be cleaned due to a structural defect shall be noted on weekly report. During the operation, care shall be taken by the contractor not to damage any grate, frame, catch basin, pipe or curbing. If damage is caused by the negligence of the Contractor the damaged parts shall be satisfactory repaired or replaced at the Contractor's expense. The material removed from the catch basins shall be transported immediately to the approved disposal area in trucks that will not spill or leak the material along the roadway. Any material falling on the roadway shall be reported to the County and cleaned immediately by the Contractor.

The catch basin shall be considered clean when remaining material in the catch basin is not more than three (3) inches in depth, if leveled. The County will conduct a performance evaluation at a minimum of seventy-five (75) catch basins or ten (10) percent of the number cleaned, whichever is greater. Basins not satisfactorily cleaned will be brought to the Contractor's attention and re-cleaned at no additional cost. The County reserves the right to order the Contractor to re-clean all of the catch basins at no additional cost if more than fifty (50) percent of the catch basins examined during the performance evaluation are not considered clean. In the event an order to re-clean all of the catch basins is given, it will be done under Elkhart County Highway personnel's oversight and subject to liquidated damages.

The Contractor shall notify the County of any broken grates or frames, undermined basins, plugged or broken pipe connections, or any suspicious pipe inlets observed during cleaning operations. Any deficiencies shall be noted in a weekly report approved by the County. If a basin does not have a sump it shall also be noted in the report.

Any catch basin, inlet or manhole which is not identified on map, shall be cleaned and reported to Elkhart County for verification. Structures which were cleaned and not included in bid will be paid for at hourly rate as outlined in bid.

Storm Drain Pipe Cleaning: The County may request separate storm drainage pipe cleaning services during the term of the Contract at a daily rate and/or hourly rate. The Contractor shall use a truck with the capability to water jet and remove debris from drainage pipe ranging from eight (8) inches to twenty four (24) inches in diameter

Weekly Reports: Throughout the term of this Contract, the Contractor shall submit weekly reports of its activity in a format agreed upon and acceptable to the County. For each report the minimum information to be supplied weekly shall include:

- Dates where work was performed at each location (Subdivision or Road);
- Inventory Number of each catch basin cleaned;
- Inventory Number of each catch basin NOT cleaned and description why; (Comment Section)
- Number of truckloads of material and/or estimated volume per day; (CYS)
- Inventory Number of each catch basin having deficiencies and description of deficiencies; (Comment Section)
- Identify type of structure, depth of structure, diameter of structure, and sump depth if applicable

Spread sheet supplied will suffice for weekly report, if all boxes are populated.

Material Waste Disposal: The Contractor shall dispose of all waste materials generated through the performance of this agreement at a location determined by the County. Location for the debris to be stock piled will be the Elkhart County Landfill, 59530 CR 7 Elkhart; IN. Contractor must co-ordinate dumping with the Department Head of the Landfill.

Maintenance of Traffic: The Contractor shall conduct its operations so as to cause the least possible obstructions and inconveniences to public. All traffic shall be permitted to safely pass through the work area. The Contractor shall furnish, erect, and maintain sufficient warning and directional signs, barricades and lights and furnish adequate warning to the public at all times of any unsafe condition to be encountered. The Contractor's vehicles and equipment shall be clearly marked with the Contractor's name or logo, be easily identifiable and equipped with suitable warning lights and reflectorized markings for working in daylight and dark. All safety signs and equipment shall comply with the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD).

Equipment: Vacuum truck must have jetting capabilities equipped with a minimum: 525 feet of 1" hose, 80 gpm @ 2000 psi water system with a minimum fresh water capacity of 1250 gallons, 15 yard debris hopper. The truck shall also contain all necessary heads for cleaning and cutting roots.

BIDDING: Contractor shall provide both a daily rate (8 hours minimum), as well as an hourly rate for extra work if requested. Package is to be bid lump sum for catch basin cleaning services. Services are to include all labor and equipment needed to perform the requested work. Included in the cost shall be transporting and disposing of catch basin debris, travel, fuel, water and any other incidental cost related to the project. Pay estimates shall reflect only catch basins cleaned, and any additional hourly services requested. Pay estimates are to be submitted on second and fourth Fridays of the month.