

ENVIRONMENTAL REVIEW STEPS FOR A CITY OF MADISON PUBLIC WORKS PROJECT:

- 1) PROJECT LIMITS – are reviewed by Water Resources Specialist and Storm/Sanitary Principal Engineer for possible environmental issues / permit needs including:
 - a) erosion control (City, WDNR permits)
 - b) wetlands (WDNR, USACOE permits)
 - c) navigable water impacts (WDNR, USACOE – permits)
 - d) archeological concerns (WDNR permits)

- 2) POSSIBLE ISSUES – of concern are provided to the project manager for follow up:
 - a) Erosion control – projects over 20K sf of disturbance require a City of Madison permit and plan, projects over an acre of disturbance require a WDNR permit. The stormwater engineer on the project is responsible for obtaining both of these permits and no plan is set out for advertisement prior to the design and principal engineer signing off on the permit requirements.

 - b) Wetlands – once a project is noted as having a possible wetland concern (either through review of the Wisconsin Wetland Inventory or a site visit) a delineation from an approved delineator is ordered prior to the project proceeding. This delineation is used to determine what if any permits to do the work are required by the WDNR and USACOE. Permits from either of these agencies require that the design process of avoid, minimize, mitigate be followed to obtain the needed permits.

 - c) Navigable waters - if a project is on or adjacent to the bed/bank of a navigable water or water of the state, the Water Resource Specialist and the Principal Engineer work with the project manager to determine what permits are needed and apply for same. No project is advertised until either the permit is in hand or the WDNR had indicated to us that the permit is forthcoming.

- d) Archeological – review takes place as part of our initial project screening. City Engineering has purchased the State Historical Society Records and reviews each project for possible issues. If a potential conflict is noted a Phase 1 Archeological report is ordered. This same review of part of the WDNR Erosion Control Permit - as they review our permit application they request a Archeological review (at which time we provide them with the report we have already completed).
 - e) Endangered Resources – the database for this is not available to the public. As a result the City cannot screen all projects for potential concerns. However, as part of the WDNR erosion control permit they complete a Endangered Resource review and any concerns and mitigation or avoidance issues are contained within the permit they issue. This would affect any project disturbing greater than 1 acre of land.
- 3) TIMING – it should be noted that much of this work occurs during the budgeting process as project limits are lined up and potential concerns noted at that time. However, should a project be added after the budget or outside the standard operating procedure. Every project coming to the BPW for approval has been reviewed by the Water Resource Staff and the Storm/Sanitary Principal Engineer for potential concerns and included in the WRS report as Item 1 of the BPW agenda.
- 4) Hazardous Materials / Contamination Assessment – Phase 1 and Phase 2 assessments if necessary are performed by City Engineering’s Hydrogeologist. Same as WisDOT process without formal reporting.
- 5) Air Quality & Noise Analysis – Not generally performed for City projects. However, City projects generally would not require any special mitigation if analysis performed by WisDOT FDM procedure.
- 6) 4F Evaluation – City projects affecting Parks require coordination between the Engineering and Parks Departments until both departments are agreeable to the project.

- 7) 6F Evaluation – City must follow same process as WisDOT procedure.
- 8) Encroachment Reports – Encroachments are identified and either allowed to remain via permit or removed before project. Same as WisDOT process
- 9) TRANS 75 – City evaluates the possibility for adding pedestrian and bicycle accommodations on all street projects. Same analysis as required in WisDOT process but no checklist used.
- 10) Traffic Management Plan – City evaluates options for traffic control during the project and includes plans and specifications in the contract as necessary. Traffic Engineering has added staff capability to develop traffic control plans to improve our efforts in this area.
- 11) Public Involvement – City sends notification letters, has public information meetings and public hearings. Same as WisDOT process.
- 12) Historical – City projects affecting historical districts or properties will require review by State Historical Preservation Office. Same as WisDOT process.