



Memo

TO: Public Works Committee
FROM: Ed Andrews, Public Works Director
DATE: August 30, 2018
SUBJECT: South Main Street – Storm Sewer

An 11"x17" exhibit will be handed out at meeting. Pickup surveying was completed on Thursday and a plan and profile exhibit is being developed for further cost refinement and discussion.

Per the IDOT Drainage Manual: 8-201 Pavement Encroachment

- Sections with one lane each direction - allow a maximum encroachment of 4 ft.
EXCEPTION: When the surface width (face to face) is less than 30 ft, allow a maximum encroachment of 3 ft. ***Since the NB lane is only 11' with a B6.12 CC&G, 3' is the maximum encroachment.***
- The maximum depth of flow shall be limited to 0.30 ft, regardless of computed encroachment.
- Spacing between inlets shall not exceed 250 ft.

The first inlet set on NB is Catherine, some 650' south of the Square. SB, the first inlet is at Burton 450' south of the Square. By the above policy, we'd need at least one additional pair of inlets. Hutchison is also reviewing the trench drains across the radius returns, since we know there is additional drainage coming off the Square at least from mid-block locations.



cc: File