

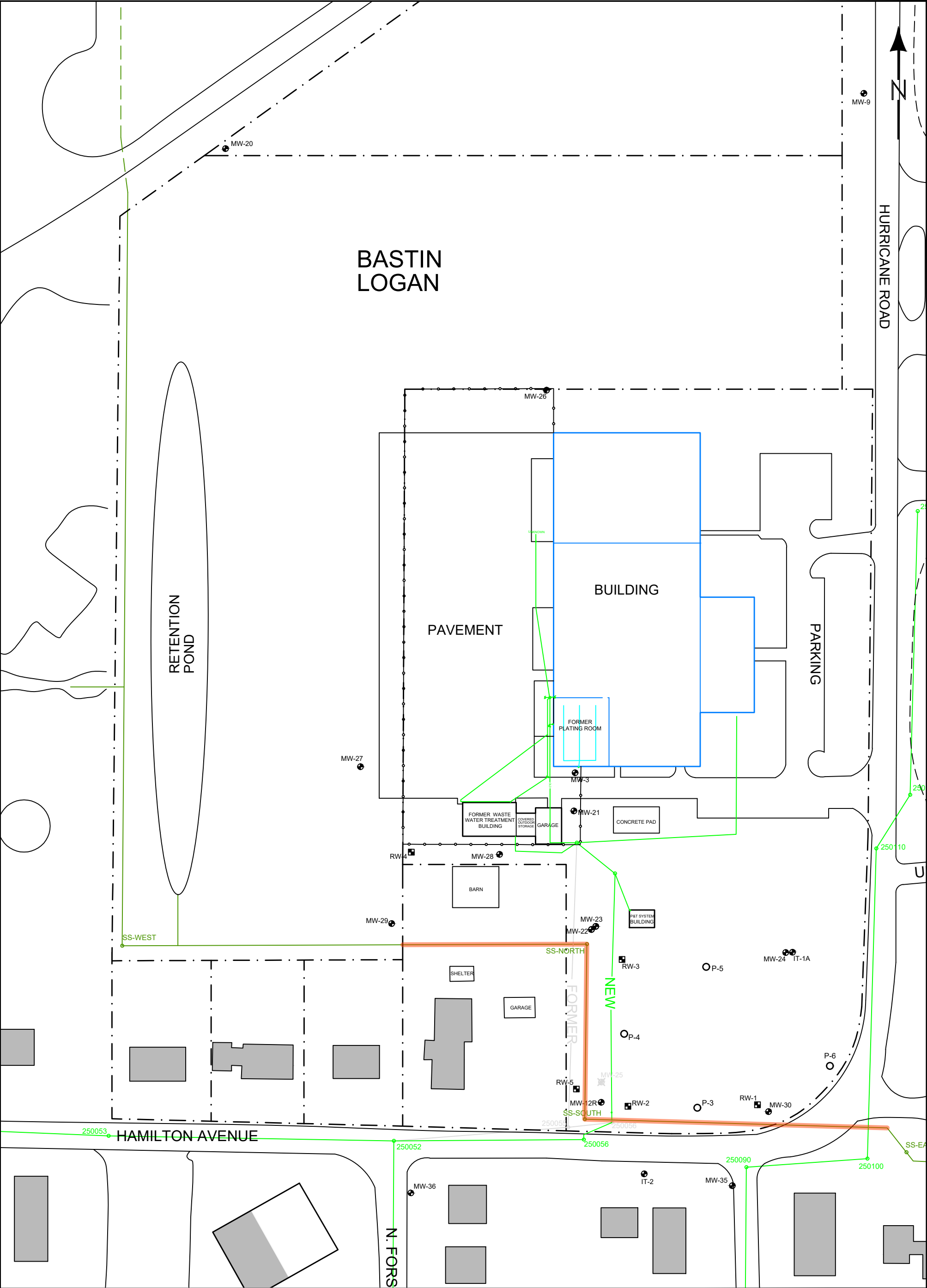
**BOARD OF PUBLIC WORKS AND SAFETY
Agenda Request Form**

(Form B-01-2012)

Organizations and individuals are asked to submit a request form and supporting documents to be placed on the agenda. You will be contacted by the City confirming the date of the meeting in which your request will be heard. Please make sure that your contact information is accurate in case we need to get in touch with you. The Board of Works meets on the 1st and 3rd Monday of each month at 5:00 p.m. in City Hall located at 70 E. Monroe Street.

Date Submitted:	March 10, 2021	Meeting Date:	March 15, 2021
Contact Information:			
Requested by:	Mark Richards		
On Behalf of Organization or Individual:		Department of Planning & Engineering	
Telephone:	317-736-3631		
Email address:	mrichards@franklin.in.gov		
Mailing Address:	70 E. Monroe Street, Franklin, IN 46131		
Describe Request:			
Request approval to rehab 60-inch CMP at the former Amphenol facility			
List Supporting Documentation Provided:			
Map Scope/Schedule Summary			
Who will present the request?			
Name:	Mark Richards	Telephone:	317-736-3631

In order for an individual and/or agency to be considered for new business on the Board of Works agenda, this reservation form and supporting documents must be received in the Mayor's office no later than 4:00 p.m. on the Wednesday before the meeting.



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SCALE IN FEET

DRAWN BY: L. STRUM

DATE: 9/27/99

REVISED: 01/07/2021

HWPA #111291-01

DWG. NO. 111291S1

PROPOSED STORM SEWER REHABILITATION

FORMER AMPHENOL RFI/CMS

980 HURRICANE ROAD

FRANKLIN, INDIANA

Schedule

Project is anticipated to begin this spring, as early as April, and would take approximately 20 working days to complete.

We would likely be accessing the storm sewer from the project site (grass lot at 980 Hurricane Road), so the work should not affect traffic or the general public.

Work Scope

A September 2020 video and visual inspection of the interior of the on-Site 60-inch diameter corrugated metal sewer pipe, noted that one or more joints have become separated and an ~1-inch gap is present where the original seals have deteriorated over time. Only one segment (~100-feet in length) of the storm sewer was inspected in September 2020, but IWM Consulting believes these conditions will be consistent throughout the targeted rehabilitation area, which is approximately 600-feet in length. IWM Consulting proposes to contract with a qualified subcontractor (National Gunite) to rehabilitate these separated joints. Initial inspections indicate that the joints are present every 8 feet, which means approximately 75 joints will need to be sealed. National Gunite will seal the joints with a 18-inch full circumferential band using 2-inches of 5,000 psi shotcrete (after it is allowed to cure for 28-days). In addition, the invert of the pipe will receive a structural lining from the 05:00-07:00 position. The shotcrete throughout the structural rehabilitation will be enhanced with 2-inch x 2-inch 12-gauge welded wire mesh reinforcement and the final thickness of the shotcrete will be 2-inches (1-inch below and 1-inch above the wire mesh). The wire mesh will be anchored to the storm sewer pipe using self-taping screws and the wire mesh will be tied into the anchors with 16-gauge annealed tie wire.

The storm sewer will be thoroughly cleaned prior to initiation of the rehabilitation activities and National Gunite will control the water flow within the pipe structure by constructing a temporary sandbag weir and directing the flow of water through an internal flume (PVC pipe) system. The PVC pipe will allow the water to safely pass through the storm sewer and work area, while allowing for the work area to remain dry. This temporary weir system will allow for water movement over or through the weirs if heavy rains occur during the work activities. This will prevent any backups or pooling of water within the upstream portions of the rehabilitation area.

IWM Consulting will provide oversight and documentation during the rehabilitation activities. National Gunite personnel will sample atmospheric conditions prior to entering into the storm sewer pipe and constantly monitor the air within the storm sewer pipe during the work activities in accordance with 29 CFR 1926 CFR as it pertains to confined space entry. All National Gunite personnel have completed the necessary confined space training and meet all OSHA requirements and certifications.