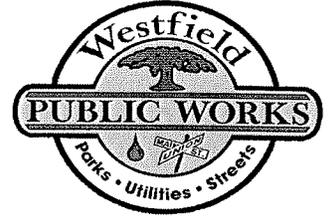


# WESTFIELD PUBLIC WORKS



January 14, 2009

Cripe Engineers  
Attn: Mr. David A. Lach P.E.  
3939 Priority Way South Drive  
Indianapolis, IN 46240

BOARD OF PUBLIC WORKS  
J. ANDREW COOK, MAYOR  
JOHN B. HART, BOARD MEMBER  
PATRICK TAMM, BOARD MEMBER

CHIEF ADMINISTRATIVE OFFICER  
BRUCE A. HAUK

DIRECTOR OF PUBLIC WORKS  
KURT J. WANNINGER

RE: Westfield High School Expansion Construction Plan Review

Dear Mr. Lach:

The Westfield Public Works Department has reviewed the proposed construction plans for the above project and offers the following comments:

## General

1. I have attached the original plans with our comments. Please provide one (1) set of revised plans showing our comments and revisions **along with our original marked-up set**.
2. Please provide 110% performance bonds for all public infrastructures. The bond application forms are attached and the bonds must be executed before any construction commences.
3. The road impact fees have been estimated at \$8,127.00. This includes the 50% reduction.
4. Please provide an electronic file of this project and note our digital as-built requirements.
5. Please note additional comments may be warranted at a later date.

## Water

1. The water availability and connection fees have been estimated at \$59,276. This estimate includes the 50% reduction. These fees must be paid before the preconstruction meeting.
2. Please relocate the water main to ensure proper separation between the water and the sanitary. Refer to sheet C501 for location.
3. Please add a note stating that all existing and new fire hydrants shall be painted with 2 coats of MAB "Caution Yellow (7077)".

4. Please show the water main material on the plans. Please add a note stating that if a main is 8-inches or smaller, then C900 pipe can be used. The main shall be saddle tapped and bedded with sand 6-inches under and 12-inches over the pipe with marking tape installed 2-feet above the water main. Number twelve (#12) gauge locating wire shall be taped to the top of the main and pulled through all valve boxes (to the surface) for locating purposes. If ductile iron pipe is used, the main must be poly wrapped and marking tape installed 2-feet above the water main.
5. Please loop the existing water main. The existing main needs to be tied into the water main located along Hoover Road.
6. Please include all water specifications and details, which can be found on our website at [www.westfield.in.gov](http://www.westfield.in.gov) under Development/Construction.
7. Please provide a profile to show proper vertical separation between the newly relocated water and the existing sanitary and storm sewers.
8. Provide Westfield standard detail for connection to an existing main and the gate valve detail.
9. Has the broken hydrant been repaired?

#### **Sanitary Sewer**

1. The sanitary sewer availability and connection fees have been estimated at \$124,903. This estimate includes the 50% reduction. This must be paid before the preconstruction meeting.
2. Please relocate the sanitary main so it is not located under the building pad. Refer to sheet C501 for location.
3. Please provide an easement for the sanitary sewer.
4. Please add a note stating that all sanitary sewer laterals must have locate wire run when installing.
5. Please include all sanitary sewer specifications and details, which can be found on our website at [www.westfield.in.gov](http://www.westfield.in.gov) under Development/Construction.

#### **Storm Sewer**

1. Please add chapters 400 and 500 from the Westfield Stormwater manual to your specification sheets.
2. All roof downspouts, roof drains, or roof drainage piping shall discharge onto the ground and shall not be directly connected to the storm drainage system.

#### **Erosion Control**

1. Please add a note stating that the erosion control plan must be executed before any construction commences.

2. Please add a note stating that additional erosion control measures may be required in the field by the WPWD inspectors.
3. Please add a note stating that all erosion control material needs to be approved by the WPWD inspectors prior to installation.
4. The erosion control fee has been estimated at \$420.00. This fee must be paid prior to construction commencing.
5. Dandy bags will not be accepted. Please provide an alternate method.
6. Please use detail EC-3 on sheet C402 for all inlets.
7. Please add silt fence around the entire perimeter.

***These review comments, submitted plans, and TAC meeting do not constitute approval for construction by the Westfield Public Works Department. You will be informed when the proposed construction plans are acceptable. At that time you will submit eight (8) sets of plans to be stamped as being accepted by WPWD. All construction plans must be stamped by this office before construction can commence. After plans have been approved, please call for a Pre Construction meeting.***

I thank you in advance for your cooperation and efforts to move this development along successfully. If you should have any questions or concerns regarding my comments or the above information, please call me at the below listed number.

Sincerely,

Pete White  
Plan Reviewer  
Development/Construction  
[pwhite@westfield.in.gov](mailto:pwhite@westfield.in.gov)

Cc: Al Salzman, Westfield Planning Department  
Garry Harling, Westfield Fire Department  
Greg Hoyes, HCSO  
Mark McCauley, HCSWD



*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
Phone (317) 776-8495  
Fax (317) 776-9628

*Suite 188*  
*One Hamilton County Square*  
*Noblesville, Indiana 46060-2230*

January 13, 2009

Cripe Architects and Engineers  
ATTN: David Lach  
3939 Priority Way South Drive  
Suite 400  
Indianapolis, IN 46240  
VIA E-MAIL: [DLach@Cripe.biz](mailto:DLach@Cripe.biz)

**RE: Westfield High School Addition**

Dear Mr. Lach:

We have reviewed the construction plans submitted to the Hamilton County Surveyor's Office on January 6, 2009, for this project and have the following comments:

1. The proposed project falls in the incorporated area and MS4 jurisdiction of the City of Westfield.
2. The proposed project DOES fall in a Westfield Wellhead Protection Zone.
3. The proposed project falls in the J.M Thompson Arm of the Anna Kendall Regulated Drain Watershed.
4. Please submit an indirect outlet permit (Fee waived for governmental entity) for the discharge to the Anna Kendall Regulated Drain, J.M. Thompson Arm. The application is available on our website at <http://www.co.hamilton.in.us>, go to Departments, Surveyor, and Forms.
5. Based on the submitted drainage calculations, HCSO will agree that detention volume is in place for this addition of the Westfield High School.

6. Please submit a final copy of the plans and drainage calculations to HCSO once all other TAC agency items have been addressed.
7. Please note that further comments may be necessary at a later date.

Should you have any questions, I can be reached at 317-776-8495.

Sincerely,

A handwritten signature in blue ink that reads "Greg Hoyes". The signature is written in a cursive style with a large initial "G".

Greg Hoyes, AC, CFM  
Plan Reviewer

CC: Donna Luley – Westfield Public Works  
Al Salzman – City of Westfield  
Dave Lucas – HCHD