



*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*

July 6, 2011

TO: Hamilton County Drainage Board

RE: Little Eagle Creek Drain – Grand Park Arm

Attached is a petition filed by the City of Westfield along with plans and calculations for the Little Eagle Creek Drain, Grand Park Arm to be located in Washington Township. I have reviewed the submittals and petition and have found each to be in proper form.

I have made a personal inspection of the land described in the petition. Upon doing so, I believe that the drain is practicable, will improve the public health, benefit a public highway, and be of public utility and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited. The drain will consist of the following:

- 115 feet of 24" SDR-35 Pipe from Str. 1 to Str. 2
- 166 feet of 24" SDR-35 Pipe from Str. 2 to Str. 3
- 282 feet of 24" SDR-35 Pipe from Str. 3 to Str. 4
- 281 feet of 24" SDR-35 Pipe from Str. 4 to Str. 5
- 279 feet of 24" SDR-35 Pipe from Str. 5 to Str. 6
- 400 feet of 30" HDPE Pipe from Str. 6 to Str. 7
- 400 feet of 30" HDPE Pipe from Str. 7 to Str. 8
- 400 feet of 30" HDPE Pipe from Str. 8 to Str. 9

The total length of the Little Eagle Creek Drain, Grand Park Arm will be 2323 feet.

The retention pond (lake) located upstream of Str. 1 is not to be considered part of the regulated drain. Only the outlet will be maintained as part of the regulated drain. The maintenance of the pond (lake) will be the responsibility of the City of Westfield. The Board will however retain jurisdiction for ensuring the storage volume for which the lake was designed will be retained. Thereby, allowing no fill or easement encroachments.

The cost of the proposed arm is to be paid by the City of Westfield.

Since this is a project by a municipal entity, City of Westfield, no bonds are required by the Drainage Board.

I believe this proposed drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, this drain shall be designated as an Urban Drain.

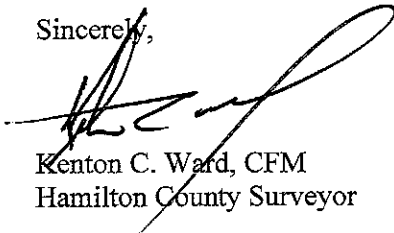
The parcels that will be affected by this arm are:

| <u>Parcel</u>                | <u>Owner</u>                                     |
|------------------------------|--|
| 08-05-26-00-00-015.000       | Eagletown Four LLC                               |
| 08-05-26-00-00-018.000       | Aleli Campbell                                   |
| 08-05-26-00-00-001.000       | Mary R Drexler, Alice E Drexler, & Phyllis J Lay |
| 08-05-27-00-00-007.000       | Eagletown Two LLC                                |
| 191 <sup>st</sup> Street ROW | Hamilton County Highway Department               |
| Springmill Road ROW          | Hamilton County Highway Department               |

The easement for the new drain will be 25 feet per half from the centerline of the new drain. The City of Westfield will provide recorded easement dedication and written descriptions in the near future.

I recommend the Board set a hearing for this proposed drain for August 22, 2011.

Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

## Engineer's Opinion of Probable Cost of Construction

|   |
|---|
| <b>Project: Grand Park - Legal Drain Improvements</b> |
| Project No: 2011.00689                                |
| Client: City of Westfield                             |
| Date: November 28, 2011                               |
| Prepared by: American Structurepoint, Inc.            |

### Little Eagle Creek Arm Construction

| Storm Sewer              | Quantity | Unit | Unit Price | Extended Cost        |
|--------------------------|----------|------|------------|----------------------|
| 36" RCP                  | 2,387    | LF   | \$115.00   | \$ 274,505.00        |
| TYPE "J" MANHOLE         | 9        | EA   | \$2,600.00 | \$ 23,400.00         |
| CONCRETE END SECTION     | 1        | EA   | \$640.00   | \$ 640.00            |
| OUTLET CONTROL STRUCTURE | 1        | EA   | \$5,000.00 | \$ 5,000.00          |
| <b>Subtotal:</b>         |          |      |            | <b>\$ 303,545.00</b> |

### Anna Kendall Legal Drain Reconstruction

| Storm Sewer      | Quantity | Unit | Unit Price | Extended Cost       |
|------------------|----------|------|------------|---------------------|
| 48" RCP          | 164      | LF   | \$125.00   | \$ 20,500.00        |
| CONCRETE ANCHOR  | 2        | EA   | \$1,000.00 | \$ 2,000.00         |
| <b>Subtotal:</b> |          |      |            | <b>\$ 22,500.00</b> |

### George Seybold Legal Drain Reconstruction

| Storm Sewer              | Quantity | Unit | Unit Price | Extended Cost        |
|--------------------------|----------|------|------------|----------------------|
| 24" RCP                  | 10       | LF   | \$56.50    | \$ 565.00            |
| 48" RCP                  | 1,780    | LF   | \$125.00   | \$ 222,500.00        |
| 72" RCP                  | 530      | LF   | \$250.00   | \$ 132,500.00        |
| TYPE "K" MANHOLE         | 12       | EA   | \$3,000.00 | \$ 36,000.00         |
| TYPE "M" MANHOLE         | 2        | EA   | \$5,500.00 | \$ 11,000.00         |
| CONCRETE ANCHOR          | 7        | EA   | \$1,000.00 | \$ 7,000.00          |
| CONCRETE END SECTION     | 1        | EA   | \$640.00   | \$ 640.00            |
| OUTLET CONTROL STRUCTURE | 2        | EA   | \$5,000.00 | \$ 10,000.00         |
| <b>Subtotal:</b>         |          |      |            | <b>\$ 420,205.00</b> |

|                  |                   |
|------------------|-------------------|
| Contingency (5%) | 37,312.50         |
| <b>Total:</b>    | <b>783,562.50</b> |

To: Hamilton County Drainage Board

Date: May 12, 2011

Re: Little Eagle Creek Drain


City of Westfield (Here-in-after "Petitioner"),

hereby petitions the Hamilton County Drainage Board under IC 36-9-27-66 for an arm to be installed to the Little Eagle Creek Drain in order to serve the property of the petitioner. The petitioner, in support of said petition, advises the Board that:

1. The Little Eagle Creek Drain is presently on a maintenance program and that land of the petitioner is assessed as benefited by the maintenance of the regulated drain
2. There is no known adequate open or tiled drain connecting the land of the petitioner with the regulated drain;
3. The waters from the petitioners land flow over or through land owned by others to reach the regulated drain;
4. The legal description of lands through which the new regulated drain will run along with the parcel numbers, name and address of each owner of that land is shown on Exhibit "A" which is attached;
5. The general route of the proposed new regulated drain and method of construction is shown on Exhibit "B" which is attached.
6. Petitioner agrees to pay all legal and construction costs involved with the construction of the proposed new regulated drain.

Signed

Printed

  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

JOHN D. ROGERS, JR.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

STATE OF INDIANA        )  
                              ) ss:  
COUNTY OF HAMILTON    )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
*Little Eagle Creek Drain, Grand Park Arm*

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the *Little Eagle Creek Drain, Grand Park Arm* came before the Hamilton County Drainage Board for hearing *on September 12, 2011*, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

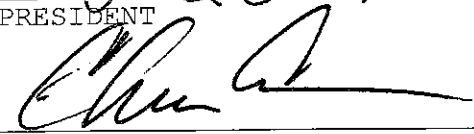
The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

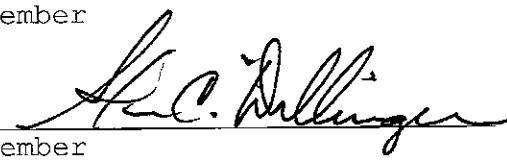
Wherefore, it is ORDERED, that the proposed Reconstruction of the *Little Eagle Creek Drain, Grand Park Arm* be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

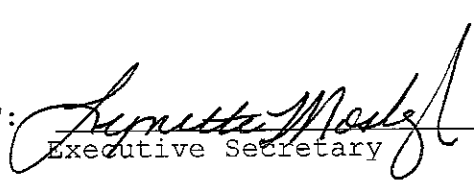
HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
PRESIDENT

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

ATTEST:

  
\_\_\_\_\_  
Executive Secretary

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

*Little Eagle Creek Drain, Grand Park Arm*

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Little Eagle Creek Drain, Grand Park Arm** on **August 22, 2011**, at **9:15 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA     )  
                          ) SS                   BEFORE THE HAMILTON  
                          )  
COUNTY OF HAMILTON )                   DRAINAGE BOARD

IN THE MATTER OF **Little Eagle Creek Drain, Grand Park Arm**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **September 12, 2011** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

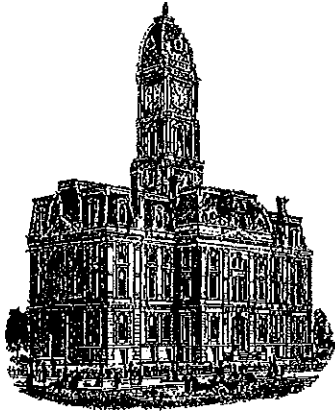
The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven A. Holt  
PRESIDENT

ATTEST: Lynette Mosbaugh  
SECRETARY



*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*

**To: Hamilton County Drainage Board**

**January 12, 2016**

**Re: Little Eagle Creek – Grand Park Arm**

Attached are as-built, certificate of completion & compliance, and other information for Little Eagle Creek – Grand Park Arm. An inspection of the drainage facilities for this section has been made and the facilities were found to be complete and acceptable.

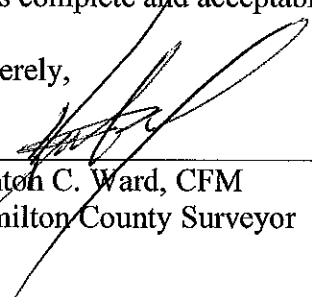
During construction, changes were made to the drain, which will alter the plans submitted with my report for this drain-dated July 6, 2011. The report was approved by the Board at the hearing held September 12, 2011. (See Drainage Board Minutes Book 13, Pages 566-568) The changes are as follows:

The 24" and 30" RCP was changed to 2391 feet of 36" RCP. The length of the drain due to the changes described above is now **2391 feet**.

The drainage easement was previously established at 25 feet per half in my above mentioned report to the Board. At this time the following easement documents have been recorded in the Recorder's Office under instrument #'s 2011044024 and 2013020592.

Sureties were not required as this project was paid for by the City of Westfield. I recommend the Board approve the drain's construction as complete and acceptable.

Sincerely,



---

Kenton C. Ward, CFM  
Hamilton County Surveyor



CERTIFICATE OF COMPLETION AND COMPLIANCE

To: Hamilton County Surveyor

Re: Grand Park Legal Drain Relocation - Little Eagle Creek arm

I hereby certify that:

1. I am a Registered Land Surveyor or Engineer in the State of Indiana.
2. I am familiar with the plans and specifications for the above referenced subdivision.
3. I have personally observed and supervised the completion of the drainage facilities for the above referenced subdivision.
4. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been installed and completed in conformity with all plans and specifications.
5. The drainage facilities within the above referenced subdivision to the best of my knowledge, information and belief have been correctly represented on the Record Drawings, Digital Record Drawings and the Structure Data Spreadsheet.

Signature: [Handwritten Signature] Date: 1/27/15

Type or Print Name: BRADLEY SCHRAGE

Business Address: American Structure point, Inc  
9260 Shadeland Station  
Indianapolis, IN 46256

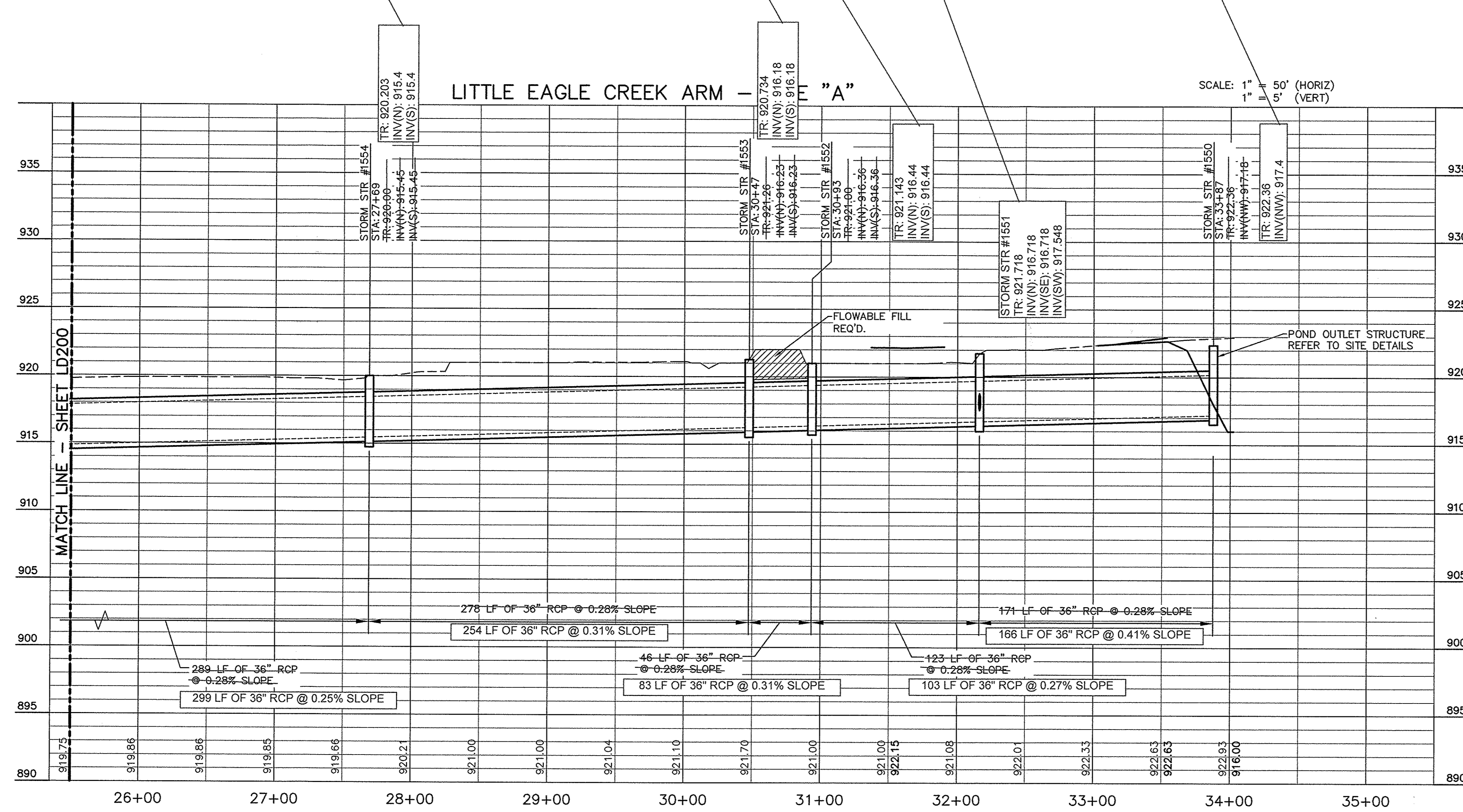
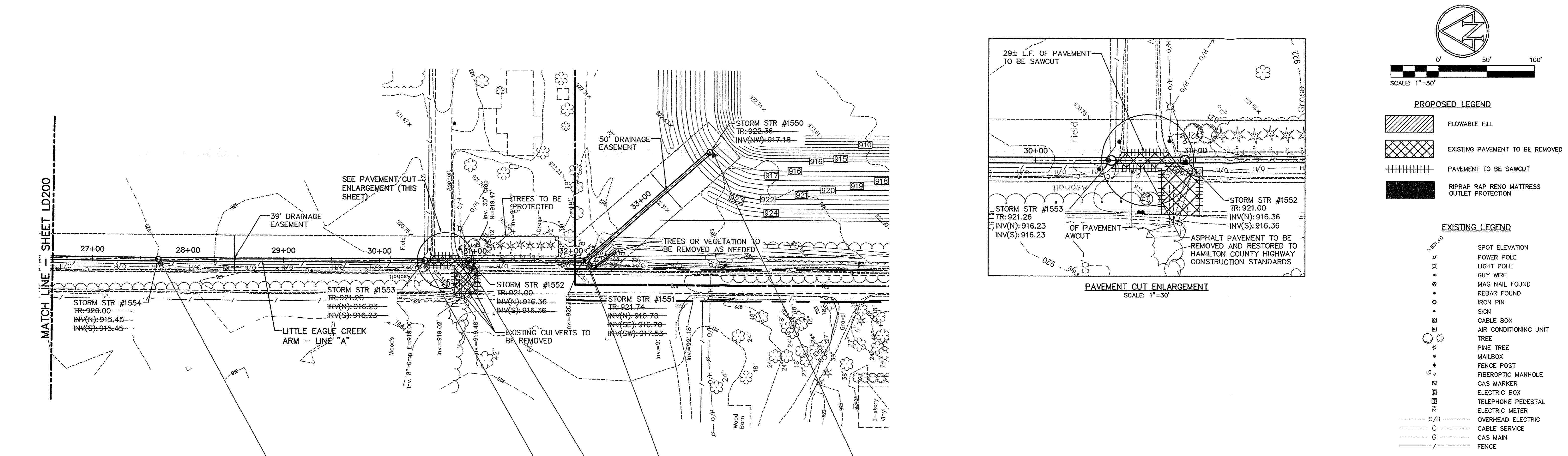
Telephone Number: 317-547-5580



INDIANA REGISTRATION NUMBER

PE11100062

PRINT DATE: 9/18/12  
PLOT SCALE: 1:1  
DRAWING FILE: P:\2011\06889.D\DRAWINGS\CIVIL\PLAN SET\MASS GRADING\02011.06889.CE.15.LD200-LD201.STMP.DWG  
EDITED BY: BOOTHBY  
DATE: 11/27/11 1:44 PM



**DEMOLITION NOTES:**

1. ALL WORK TO CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.
2. CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION STORAGE AT ALL TIMES.
3. CLEAR AND GRUB ALL TREES AND VEGETATION NECESSARY FOR CONSTRUCTION.
4. PROTECT TREES TO REMAIN DURING CONSTRUCTION. PROVIDE TREE PROTECTION FENCINGS AT THE TREE DRIP LINE.
5. STORAGE OF MATERIALS AND PARKING OF EQUIPMENT AND VEHICLES BELOW TREE CANOPIES WITHIN THE TREE DRIP LINE IS PROHIBITED.
6. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, FENCES, CONCRETE, ASPHALT PAVEMENT AND OTHER MISCELLANEOUS APPURTENANCES ON SITE, UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
7. THE USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
8. CONDUCT DEMOLITION AND CONSTRUCTION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH STREETS, WALKS AND OTHER ADJACENT OCCUPIED FACILITIES.
9. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES.
10. ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT STRUCTURES AND OTHER FACILITIES AND INJURY TO PERSONS.
11. PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES CAUSED BY DEMOLITION AND CONSTRUCTION OPERATIONS.
12. ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT AMERICAN STRUCTUREPOINT IF ANY VARIATION EXISTS.
13. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
14. ALL UTILITIES TO BE REMOVED SHALL BE DISCONNECTED AND CAPPED AT THE NEAREST CONNECTION POINT.

**GENERAL GRADING NOTES:**

15. THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE BASE SURVEY CONTROL POINTS DURING DEMOLITION AND CONSTRUCTION.
16. SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
17. DEMOLISH FOUNDATION WALLS AND OTHER BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
18. COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OPERATIONS WITH COMPACTED GRANULAR BACKFILL.
19. REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.

**GENERAL GRADING NOTES:**

1. ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
2. SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
4. THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
5. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
6. TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
7. AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBGRANS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.

**GENERAL GRADING NOTES:**

8. PROVIDE POSITIVE DRAINAGE WITHOUT PONDING, IN ALL AREAS. AFTER INSTALLATION, CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, STANDING WATER CONDITIONS.
9. ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
10. SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
11. ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS.
12. INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
13. DEBRIS GUARD TO BE INSTALLED AT ALL OPEN ENDED INLETS.
14. DUE TO SITE CONSTRAINTS, THE SITE MAY OR MAY NOT BALANCE. THE CONTRACTOR IS RESPONSIBLE FOR ALL EARTHWORK IMPORTS AND/OR EXPORTS.
15. A PORTION OF THE LOT LIES WITHIN A FLOOD HAZARD ZONE AS SCALED FROM THE FLOOD INSURANCE RATE MAP (FIRM) FOR HAMILTON COUNTY, INDIANA, COMMUNITY HAMILTON, CITY OF WESTFIELD, COMMUNITY NUMBER 180080, 180083, PANEL NUMBER 010E, 0120E, DATED FEBRUARY 19, 2003.

CONTRACTOR SHALL NOT PERFORM WORK WITHIN 100' OF THE CEMETERY.

**GAS LINE NOTES:**  
1. CONTRACTOR SHALL NOTIFY VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. PRIOR TO COMMENCING ANY WORK WITHIN 100' OF PIPELINE EASEMENTS.  
2. CONTRACTOR SHALL CONTACT VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. TO VERIFY THE DEPTH OF THE EXISTING PIPELINES AND NOTIFY ENGINEER ABOUT FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION.  
3. ALL PIPELINE UTILITY CROSSINGS AND TEMPORARY TRAFFIC CROSSINGS DURING CONSTRUCTION SHALL BE COORDINATED WITH VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. AND CONSTRUCTED IN ACCORDANCE WITH THEIR GUIDELINES FOR CROSSING GAS PIPELINES.

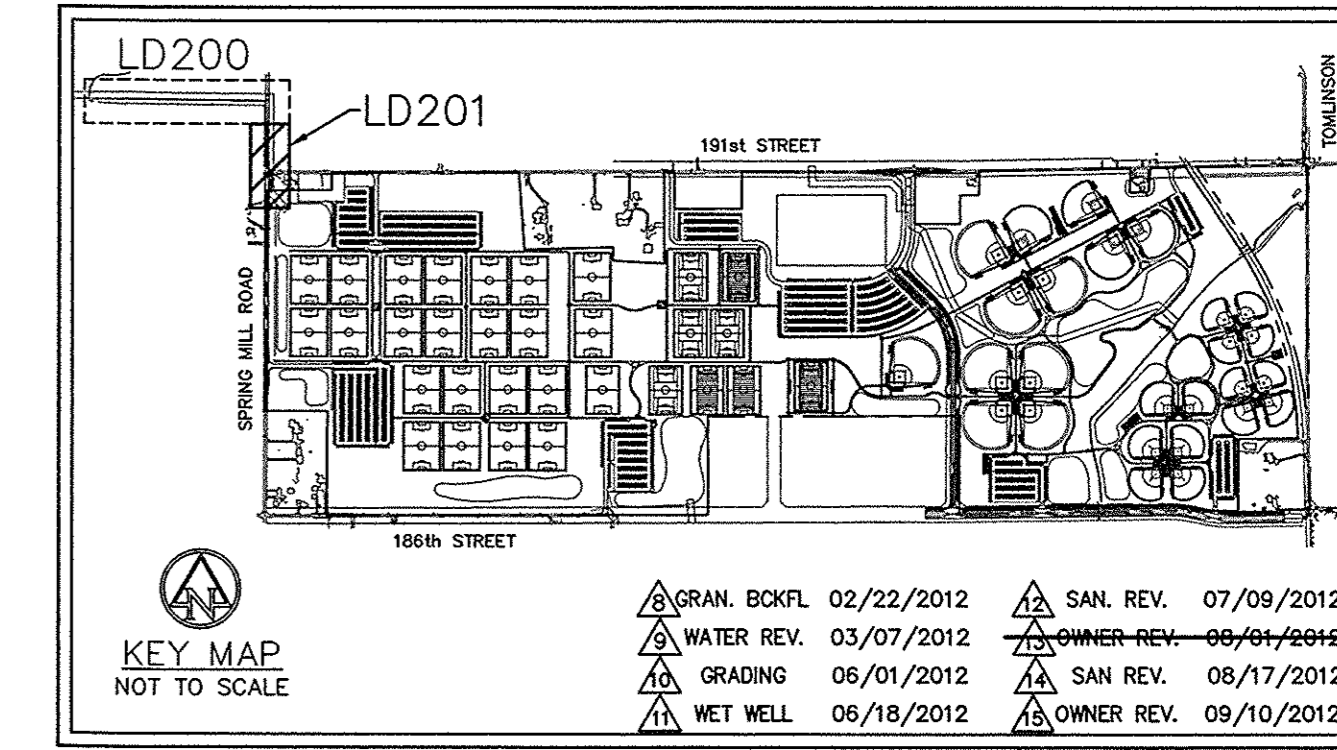
- NOTES:**
1. CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
  2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
  3. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY OBSTRUCTIONS WITHIN THE ALIGNMENT OF THE LEGAL DRAINS NOT NOTED ON THESE PLANS.
  4. PROPOSED GRADE ABOVE LEGAL DRAINS TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.
  5. CONTRACTOR TO LOCATE, PERPETUATE AND RE-ESTABLISH ALL EXISTING FIELD TILES LOCATED DURING CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE ALL PERPETUATION EFFORTS WITH THE ENGINEER.

**NOTE:**  
ALL MAINTENANCE OF TRAFFIC SIGNAGE METHODS, MATERIALS AND CONSTRUCTION DETAILS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO HAMILTON COUNTY REQUIREMENTS, INDOT STANDARD DETOUR SHEETS AND SPECIFICATIONS AND THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THIS INCLUDES PLACING ROAD CONSTRUCTION AHEAD SIGNS, LANE MERGING SIGNS, FLASHING ARROW SIGNS, CONSTRUCTION BARRELS, ETC.

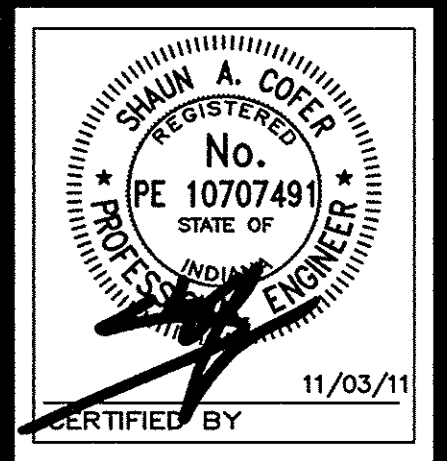
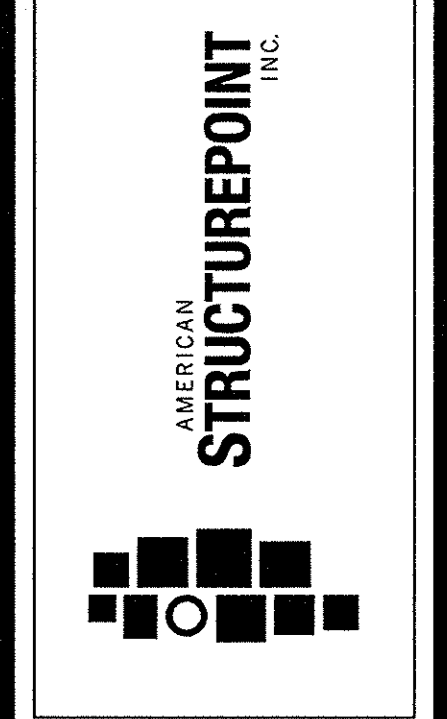
**NOTE:**  
REFER TO SS SHEETS FOR STORM SEWER STRUCTURE DATA TABLE.

**CAUTION !!**  
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.  
811 OR 1-800-392-5544  
- INDIANA UNDERGROUND -

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: July 2016  
Entered by: slm



7806 SHAKER AND 8717 CH  
INDIANAPOLIS, IN 46266-3957  
TEL 317.517.6880 FAX 317.543.0270  
www.structurepoint.com



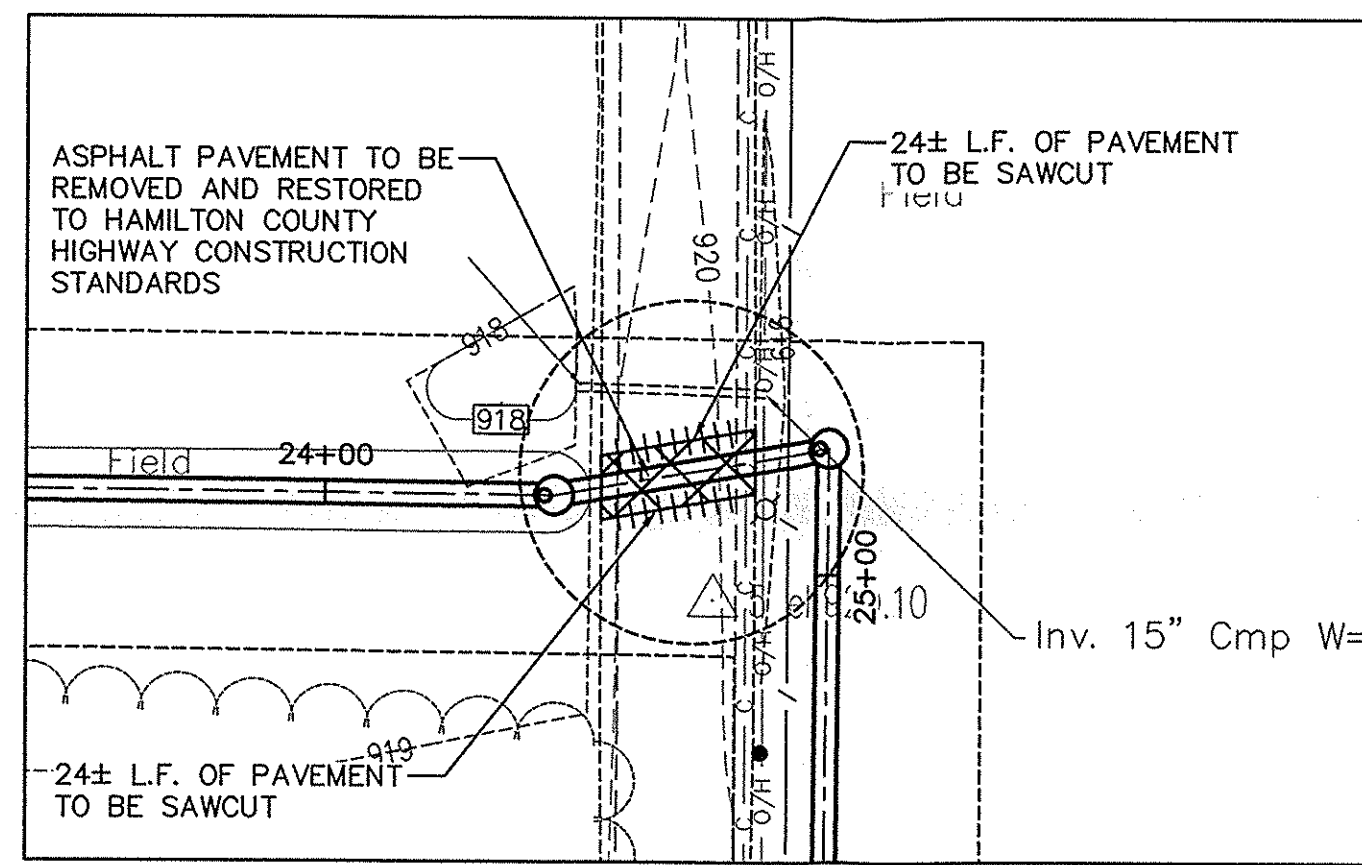
**LITTLE EAGLE CREEK ARM PLAN & PROFILE**  
CITY OF WESTFIELD  
130 PENN STREET  
WESTFIELD, INDIANA 46074

**THE SPORTS CAMPUS AT WESTFIELD, INDIANA**

DATE: 7/24/11  
CHK'D BY: SAC  
DRAWN BY: PED  
JOB NO. 20110689

| REVISIONS             |
|-----------------------|
| ADDENDUM 8/8/2011     |
| ADDENDUM 8/12/2011    |
| EC REV 8/26/2011      |
| FOR CONST. 11/03/2011 |
| COMMENTS 12/01/2011   |
| SAN. REV. 01/17/2012  |
| WAT. REV. 01/27/2012  |

SHEET NO.  
**LD201**  
OF



**NOTE:**  
REFER TO SS SHEETS FOR STORM SEWER STRUCTURE DATA TABLE.

**CONTRACTOR SHALL NOT PERFORM WORK WITHIN 100' OF THE CEMETERY.**

**GAS LINE NOTES:**  
1. CONTRACTOR SHALL NOTIFY VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. PRIOR TO COMMENCING ANY WORK WITHIN 100' OF PIPELINE EASEMENTS.  
2. CONTRACTOR SHALL CONTACT VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. TO VERIFY THE DEPTH OF THE EXISTING PIPELINES AND NOTIFY ENGINEER ABOUT FINDINGS PRIOR TO COMMENCING ANY CONSTRUCTION.  
3. ALL PIPELINE UTILITY CROSSINGS AND TEMPORARY TRAFFIC CROSSINGS DURING CONSTRUCTION SHALL BE COORDINATED WITH VECTREN PIPELINE AND BUCKEYE PARTNERS L.P. AND CONSTRUCTED IN ACCORDANCE WITH THEIR GUIDELINES FOR CROSSING GAS PIPELINES.

**NOTE:**  
ALL MAINTENANCE OF TRAFFIC SIGNAGE METHODS, MATERIALS AND CONSTRUCTION DETAILS FOR WORK WITHIN PUBLIC RIGHT-OF-WAY SHALL CONFORM TO HAMILTON COUNTY REQUIREMENTS, INDOT STANDARD DETOUR SHEETS AND SPECIFICATIONS AND THE INDIANA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THIS INCLUDES PLACING ROAD CONSTRUCTION AHEAD SIGNS, LANE MERGING SIGNS, FLASHING ARROW SIGNS, CONSTRUCTION BARRIERS, ETC.

**CAUTION !!**  
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, pits, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.  
811 OR 1-800-382-5544  
CALL TOLL FREE  
- INDIANA UNDERGROUND -

**NOTES:**  
1. CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.  
2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.  
3. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY OF ANY OBSTRUCTIONS WITHIN THE ALIGNMENT OF THE LEGAL DRAINS NOT NOTED ON THESE PLANS.  
4. PROPOSED GRADE ABOVE LEGAL DRAINS TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.  
5. CONTRACTOR TO LOCATE, PERPETUATE AND RE-ESTABLISH ALL EXISTING FIELD TILES LOCATED DURING CONSTRUCTION. CONTRACTOR TO CONTACT AND COORDINATE ALL PERPETUATION EFFORTS WITH THE ENGINEER.

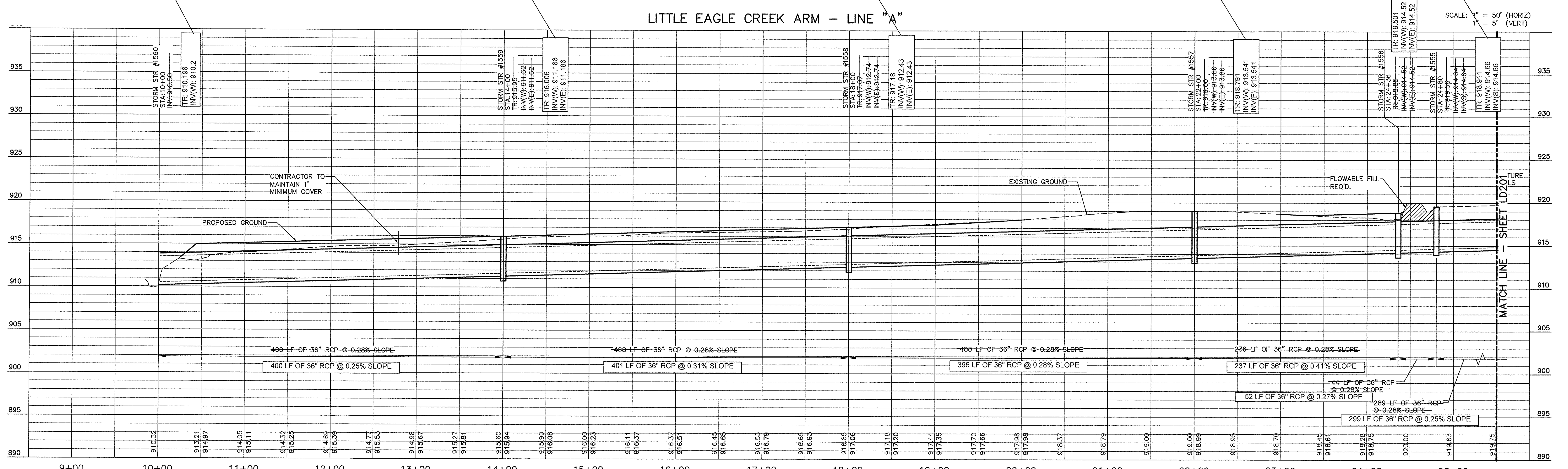
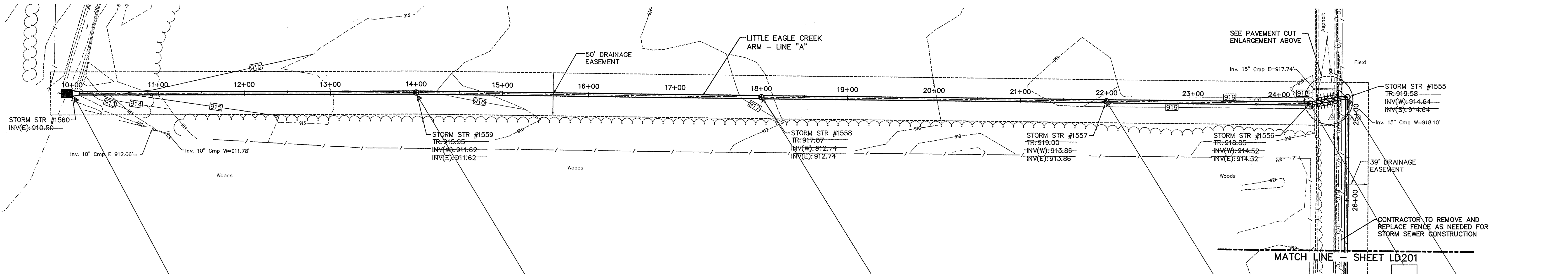
**EXISTING LEGEND**

- SPOT ELEVATION
- POWER POLE
- LIGHT POLE
- GUY WIRE
- MAG NAIL FOUND
- REBAR FOUND
- IRON PIN
- SHIN
- CABLE BOX
- AIR CONDITIONING UNIT
- TREE
- PINE TREE
- MALBOK
- FENCE POST
- FIBEROPTIC MANHOLE
- GAS MARKER
- ELECTRIC BOX
- TELEPHONE PEDESTAL
- ELECTRIC METER
- OVERHEAD ELECTRIC
- CABLE SERVICE
- GAS MAIN
- FENCE

**PROPOSED LEGEND**

- FLOWABLE FILL
- EXISTING PAVEMENT TO BE REMOVED
- PAVEMENT TO BE SAWCUT
- RIPRAP RAP RENO MATTRESS OUTLET PROTECTION

SCALE: 1"=50'



**DEMOLITION NOTES:**

- ALL WORK TO CONFORM TO FEDERAL, STATE AND LOCAL REGULATIONS.
- CONTRACTOR SHALL KEEP ADJOINING PROPERTIES CLEAN OF CONSTRUCTION DEBRIS AND CONSTRUCTION TRAFFIC AT ALL TIMES.
- CLEAR AND GRUB ALL TREES AND VEGETATION NECESSARY FOR CONSTRUCTION.
- PROTECT TREES TO REMAIN DURING CONSTRUCTION. PROVIDE TREE PROTECTION FENCING AT THE TREE DRIP LINE.
- STORAGE OF MATERIALS AND PARKING OF EQUIPMENT AND VEHICLES BELOW TREE CANOPIES WITHIN THE TREE DRIP LINE IS PROHIBITED.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, FENCES, CONCRETE, ASPHALT PAVEMENT AND OTHER MISCELLANEOUS APPURTENANCES ON SITE, UNLESS NOTED TO REMAIN ON THE CONTRACT DRAWINGS.
- THE USE OF ANY TYPE OF EXPLOSIVES WILL NOT BE PERMITTED.
- CONDUCT DEMOLITION AND CONSTRUCTION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH STREETS, WALKS AND OTHER ADJACENT OCCUPIED FACILITIES.
- DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS, IF REQUIRED BY GOVERNING AUTHORITIES.
- ENSURE SAFE PASSAGE OF PERSONS AROUND AREAS OF DEMOLITION AND CONSTRUCTION. CONDUCT OPERATIONS TO PREVENT DAMAGE TO ADJACENT STRUCTURES AND OTHER FACILITIES AND INJURY TO PERSONS.
- PROMPTLY REPAIR DAMAGE TO ADJACENT FACILITIES CAUSED BY DEMOLITION AND CONSTRUCTION OPERATIONS.
- ALL UTILITY INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR. CONTACT AMERICAN STRUCTUREPOINT IF ANY VARIATION EXISTS.
- MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
- ALL UTILITIES TO BE REMOVED SHALL BE DISCONNECTED AND CAPPED AT THE NEAREST CONNECTION POINT.

- THE CONTRACTOR SHALL PROTECT AND NOT DESTROY THE BASE SURVEY CONTROL POINTS DURING DEMOLITION AND CONSTRUCTION.
- SALVAGED MATERIALS: ITEMS OF SALVAGEABLE VALUE TO CONTRACTOR MAY BE REMOVED FROM SITE AS WORK PROGRESSES. TRANSPORT SALVAGED ITEMS FROM THE SITE AS THEY ARE REMOVED. STORAGE OR SALE OF REMOVED ITEMS WILL NOT BE PERMITTED ON SITE.
- DEMOLISH FOUNDATION WALLS AND OTHER BELOW-GRADE CONSTRUCTION, INCLUDING CONCRETE SLABS, TO A DEPTH OF NOT LESS THAN 48 INCHES BELOW LOWEST FOUNDATION LEVEL.
- COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OPERATIONS WITH COMPACTED GRANULAR BACKFILL.
- REMOVE WEEKLY FROM SITE ACCUMULATED DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT MATERIALS REMOVED FROM DEMOLITION OPERATIONS AND LEGALLY DISPOSE OF OFF-SITE.

**GENERAL GRADING NOTES:**

- ALL WORK TO CONFORM TO STATE AND LOCAL REGULATIONS.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS (VERTICAL AND HORIZONTAL) IN THE FIELD PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND IN THESE PLANS FROM THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- THE EXCAVATING CONTRACTOR MUST TAKE PARTICULAR CARE WHEN EXCAVATING IN AND AROUND EXISTING UTILITY LINES AND EQUIPMENT. VERIFY COVER REQUIREMENTS BY UTILITY CONTRACTOR'S AND/OR UTILITY COMPANIES SO AS NOT TO CAUSE DAMAGE.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 72 HOURS BEFORE CONSTRUCTION IS TO START, TO VERIFY IF ANY UTILITIES ARE PRESENT ON SITE. ALL VERIFICATIONS (location, size and depth) SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANIES. WHEN EXCAVATING AROUND OR OVER EXISTING UTILITIES, THE CONTRACTOR MUST NOTIFY THE UTILITY COMPANY SO A REPRESENTATIVE OF THAT UTILITY COMPANY CAN BE PRESENT TO INSTRUCT AND OBSERVE DURING CONSTRUCTION.
- TRENCHES FOR ALL STORM DRAIN LINES SHALL BE BACKFILLED COMPLETELY WITH GRANULAR MATERIAL IF WITHIN 5 FEET OF PAVEMENT.
- AFTER STRIPPING TOPSOIL MATERIAL, PROOFROLL WITH A MEDIUM WEIGHT ROLLER TO DETERMINE LOCATIONS OF ANY POCKETS OF UNSUITABLE MATERIAL. THE NECESSITY FOR SUBDRAINS AND/OR REMOVAL OF ANY UNSUITABLE MATERIAL WITHIN THE PROPOSED PARKING AREAS WILL BE DETERMINED AT THE TIME OF CONSTRUCTION.
- PROVIDE POSITIVE DRAINAGE WITHOUT PONDING, IN ALL AREAS, AFTER INSTALLATION. CONTRACTOR TO TEST FOR, AND CORRECT, IF ANY, STANDING WATER CONDITIONS.
- ALL PROPOSED SPOT ELEVATIONS ARE THE FINAL PAVEMENT AND FINAL GRADE ELEVATIONS.
- SEE APPROPRIATE DETAILS TO DETERMINE SUBGRADE ELEVATIONS BELOW FINISH GRADE ELEVATIONS INDICATED.
- ALL STORM SEWER MATERIALS AND INSTALLATION SHALL CONFORM TO LOCAL STANDARDS.
- INVERTS AT PIPE OUTLETS ARE GIVEN AT END OF PIPE END SECTION.
- DEBRIS GUARD TO BE INSTALLED AT ALL OPEN ENDED INLETS.
- DUE TO SITE CONSTRAINTS, THE SITE MAY OR MAY NOT BALANCE. THE CONTRACTOR IS RESPONSIBLE FOR ALL EARTHWORK IMPORTS AND/OR EXPORTS.
- A PORTION OF THE LOT LIES WITHIN A FLOOD HAZARD ZONE AS SCALED FROM THE FLOOD INSURANCE RATE MAP (FIRM) FOR HAMILTON COUNTY, INDIANA, COMMUNITY HAMILTON, CITY OF WESTFIELD, COMMUNITY NUMBER 180060, 180063, PANEL NUMBER 910E, 910G, DATED FEBRUARY 19, 2003.

This information was gathered for input into the Hamilton County Geographic Information System (GIS). This document is considered an official record of the GIS.  
Entry Date: 5/24/16  
Entered By: SLM

**KEY MAP**  
NOT TO SCALE

**DATE:** 7/21/11  
**CHK'D BY:** SAC  
**DRAWN BY:** PED  
**JOB NO.:** 20110669

**REVISIONS**

|            |            |
|------------|------------|
| ADDENDUM   | 8/8/2011   |
| ADDENDUM   | 8/12/2011  |
| EC REVS    | 8/26/2011  |
| FOR CONST. | 11/03/2011 |
| COMMENTS   | 12/01/2011 |
| SAN. REV.  | 01/17/2012 |
| WAT. REV.  | 07/27/2012 |

**SHEET NO. LD200**  
OF

**LEGEND:**  
 GRAN. BOKFL 02/22/2012  
 WATER REV. 03/07/2012  
 GRADING 06/01/2012  
 WET WELL 06/16/2012  
 SAN. REV. 07/09/2012  
 WET WELL 06/16/2012  
 SAN. REV. 06/17/2012  
 OWNER REV. 09/10/2012

AMERICAN STRUCTUREPOINT INC.  
190 PENN STREET  
WESTFIELD, INDIANA 46074  
TEL 317.547.5800 FAX 317.543.0270  
www.structurepoint.com

REGISTERED PROFESSIONAL ENGINEER  
No. PE 10707491  
STATE OF INDIANA  
11/03/11  
CERTIFIED BY

**LITTLE EAGLE CREEK ARM PLAN & PROFILE**  
PREPARED FOR:  
**CITY OF WESTFIELD**  
130 PENN STREET  
WESTFIELD, INDIANA 46074

**PROJECT:**  
**GRAND PARK AT WESTFIELD**  
WESTFIELD, INDIANA