

*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 5, 2018

To: Hamilton County Drainage Board

Re: Johnson and Gardner Arm 1 of Arm 2 – Shelby Materials Off-site Reconstruction

Attached is a petition and plans for the proposed reconstruction of part of Arm 1 of Arm 2 of the Johnson and Gardner Drain. The reconstruction is being proposed by Shelby Gravel, Inc. The proposal is to reconstruct the original tile as an open ditch and RCP, to provide a deeper outlet with more capacity to the watershed area for current and future development.

This line will consist of the following:

1358 feet of Open Ditch  
113 feet of 42" RCP

620 feet of 30" RCP

The total length of drain to be reconstructed with new pipe and open drain shall be 2,091 feet. The 1600 feet of the original drain between Sta. 0+00 and Sta. 16+00 shall be replaced in place by the reconstruction of this drain. This proposal will add a total of 491 feet to the Arm 1 of Arm 2 of the Johnson and Gardner Drain's total length.

The open ditch listed above starts at the upstream end of the existing open ditch at Sta. 16+00 of the current drain, and runs north and west following the route of the existing 10" concrete tile for 1335 feet. Then the drain will be 113 feet of 42" RCP to allow farm equipment crossing on parcel 08-05-32-00-00-003.000 and under Mule Barn Road, to Str. 51, which is an RCP end section, setting at Sta. 0+00 of the drain and is located at the west right-of-way line of Mule Barn Road and on the east property line of parcel 08-05-31-00-00-008.001. The drain then turns south running in a general southerly direction as 23' feet of open ditch from Str. 51 to Str. 101, then 318 feet of 30" RCP to Str. 102, thence running south 302 feet as 30" RCP to Str. 103. This is as shown on pages C601 and C602 of the plans for Shelby Materials, by Weihe Engineers, with job number W16.0598, and dated June 5, 2017.

The cost of the reconstruction is to be paid by Shelby Gravel, Inc.

The petitioner has not submitted surety for the proposed reconstruction at this time. Surety shall be submitted after the reconstruction approval of the Hamilton County Drainage Board and prior to commencement of construction. The surety shall be in the amount of 120% of the construction estimate for this project.

I further recommend that the portion of the Drain being reconstructed be designated an urban drain as outlined in IC 36-9-27-67.

The reconstruction will be located on or affect the regulated drain easement on the following parcels:

<u>Parcel Number</u>	<u>Owner</u>
08-05-32-00-00-023.000	HJW Holdings V, LLC.
08-05-32-00-00-003.000	HJW Holdings V, LLC.
08-05-31-00-00-008.001	Bradley E Roberts & Jared W Roberts
08-05-31-00-00-012.001	Shelby Gravel Inc.
Mule Barn Road	Hamilton County Highway Department
Mule Bard Road	City of Westfield


I believe that no damages will result to landowners by the reconstruction of this drain. Therefore, damages for all tracts shall be set at \$0.00.

The new drain to existing Sta. 0+00 will be installed within existing regulated drain easement or in road right-of-way for Mule Barn Road. Therefore, the easement for the new drain shall be the existing easement based on 75' from the centerline of the tile, not the top of bank of the open ditch as per IC 36-9-27-33. The new open ditch shall be within the existing easement. No additional easement will be required for the open ditch

The developer is currently finalizing a 30' easement across parcel 08-05-31-00-00-008.001 and I recommend upon recording that this be the easement for the new regulated drain on said parcel.

I recommend that the easement for the new regulated drain on parcel 08-05-31-00-00-012.001 be the 10' drainage easement as shown on the secondary plat for Shelby Material Westfield Operations as recorded in the office of the Hamilton County Recorder as instrument number 2017029132. The remainder of the required easement shall be the platted 60' right of way for Mule Barn Road.

I recommend the Board set a hearing for this petition for February 26, 2018.

  
Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

**Johnson & Gardner Arm 1 of Arm 2  
Shelby Materials Off-site Reconstruction**

Vacating 1600' of original drain between Sta. 0+00 to 16+00 & replacing with 1335' open ditch & 113' of 42" RCP within existing drain easement or road right-of-way. The drain on the west side of Mule Barn Road will add 23' of open ditch & 620' of 30" RCP. The developer is finalizing a 30' easement across parcel 08-05-31-00-00-008.001 and it will be the new regulated drain easement upon recording. The regulated drain easement on 08-05-31-00-00-012.001 will be as shown on the secondary plat for Shelby Material Westfield Operations.  
This proposal will add 491' to the drains total length.

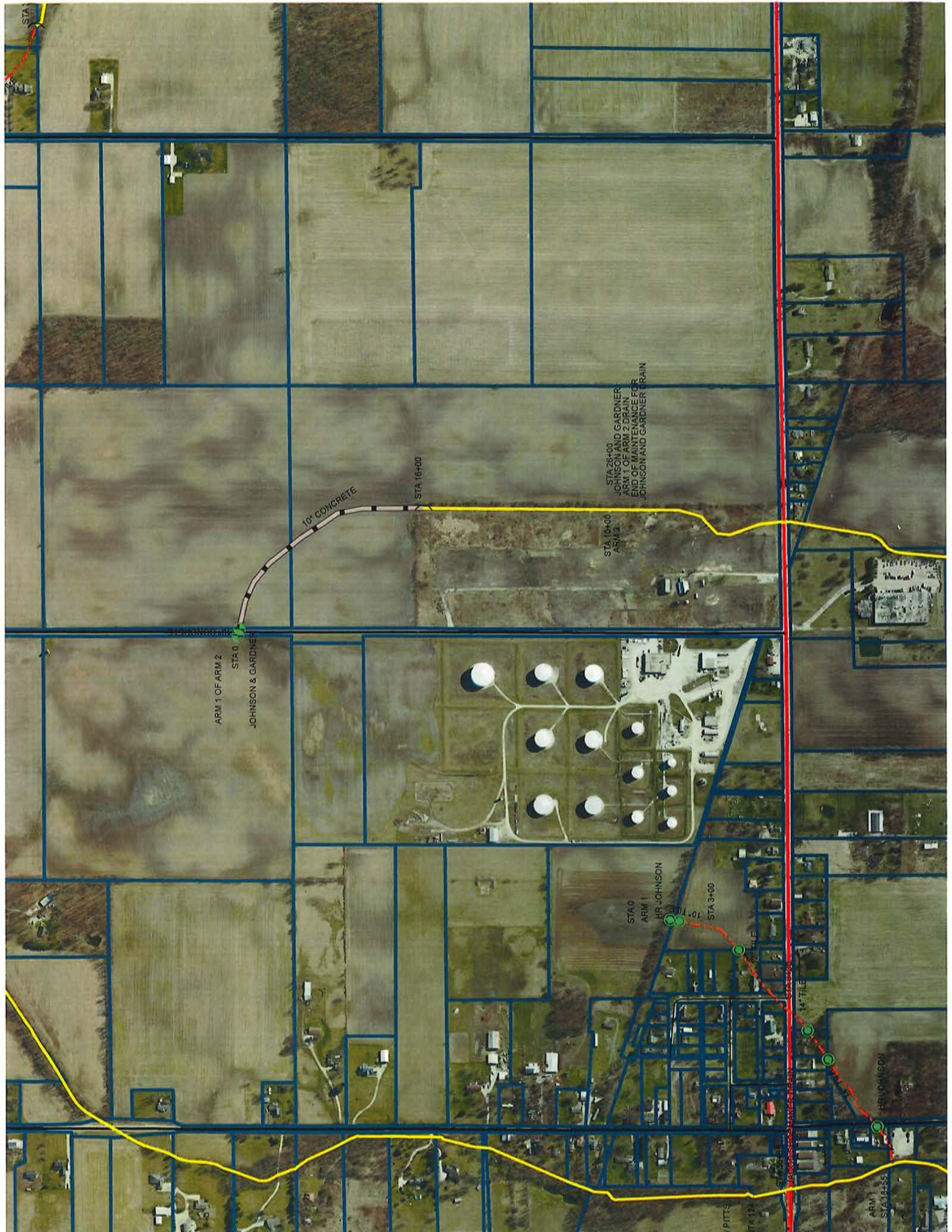
Damages are set at \$0.00.

\* The cost of the project is to be paid by Shelby Gravel Inc.

\*\*No change in current maintenance assessment rates.

Hearing: 02/26/18

Parcel	Owner	Description	Benefit	MntAsmt	Reconst	Percent of Total
08-05-32-00-00-023.000	HJW Holdings V LLC	S32 T19 R3 80.25 Ac	*	**	*	*
08-05-32-00-00-003.000	HJW Holdings V LLC	S32 T19 R3 40.00 Ac	*	**	*	*
08-05-31-00-00-008.001	Roberts, Bradley E & Jared W Roberts tc	S31 T19 R3 40.00 Ac	*	**	*	*
08-05-31-00-00-012.001	Shelby Gravel Inc.	S31T19R3 Shelby Materials Westfield Operations Lot 1, 9.47Ac	*	**	*	100%
99-99-99-99-999.001	Hamilton Co. Highway Dept.	S31 & 32 T19 R3 Mule Barn Rd.	*	**	*	*
99-99-99-99-999.010	City of Westfield	S31 & 32 T19 R3 Mule Barn Rd.	*	**	*	*



ARM 1 OF ARM 2  
JOHNSON & GARDNER  
STA 0

10" CONCRETE

STA 16+00

STA 26+00  
JOHNSON AND GARDNER  
END OF MAINTENANCE FOR  
JOHNSON AND GARDNER BRAIN

STA 0+00  
ARM 2

STA 0  
ARM 1  
HR JOHNSON

10" TILE

STA 3+00

14" TILE

HR JOHNSON

ARM 1  
STA 16+55

PROPOSED 14" TILE

W PITTS

STA 12+

To: Hamilton County Drainage Board

Re: In the matter of the Shelby Gravel, Inc. Drain Petition

Comes now the undersigned individuals, who petition the Hamilton County Drainage Board, per IC 36-9-27-54, for improvements to a regulated drain already in service. The undersigned believe the following:

1. That as property owners within the Johnson and Garner Drain Shed, they are qualified petitioners.
2. That they now desire that the regulated drain be improved in Washington Township, which involves the following public roads; Mule Barn Road and various areas surrounding these roads in the Johnson and Gardner Drainage Shed.
3. The names and address of each owner affected by the proposed public drainage are attached hereto, made part hereof and marked Exhibit "A".
4. No other public lands or owners are located in the area which would affect improvement.
5. That the general route of the proposed drain improvements will follow the path of the existing 10" regulated drain in place and is shown in the attached plan which is marked Exhibit "B" and made part hereof.
6. That in the opinion of the Petitioner, the costs, damages and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land to be benefited thereby.
7. That in the opinion of the Petitioner, the proposed improvement will improve the public health; benefit a public roadway; and be of public utility.
8. That the name of the attorney or spokesperson representing petitioner in the drainage petition is Randy Zentz, who has an office at or whose address is 958 Bright Beam Court Westfield, IN 46074.
9. The work necessary for the proposed reconstruction will be undertaken at the sole expense of the Petitioner and such work will result in substantial improvement to the Johnson and Gardner Drain, without cost to other property owners on the watershed of the Johnson and Gardner Drain.

WHEREFORE, Petitioner requests that an Order issued from the Hamilton County Drainage Board authorizing relocation and reconstruction of the Johnson and Grander Drain, in conformance with applicable law and plans and specifications on file with the Hamilton County Surveyor.

DocuSigned by  
 Richard H. Haehl  
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 Signed

Richard H. Haehl  
 \_\_\_\_\_  
 Printed

EXHIBIT A  
Shelby Gravel, Inc. Petition for Reconstruction

08-05-31-00-00-008.001 Washington  
0 Mule Barn Rd , Westfield, Roberts, Bradley E & Jared W Roberts tc

08-05-31-00-00-012.000 Washington  
17710 Mule Barn Rd , Westfield, Indiana Farm Bureau Co-Operation

08-05-31-00-00-012.001 Washington  
0 Mule Barn Rd , Westfield, Shelby Gravel Inc

08-05-32-00-00-002.000 Washington  
0 Mule Barn Rd , Westfield, Roberts, Bradley E & Sarah J

08-05-32-00-00-003.000 Washington  
0 Mule Barn Rd , Westfield, HJW Holdings V LLC

08-05-32-00-00-004.000 Washington  
18202 Centennial Rd , Westfield, Collett, Bobbie Neal & Judith K

08-05-32-00-00-005.000 Washington  
0 Centennial Rd , Westfield, Parks, Cleo I Trust

08-05-32-00-00-005.001 Washington  
0 Centennial Rd , Westfield, Tolerson, Terri A

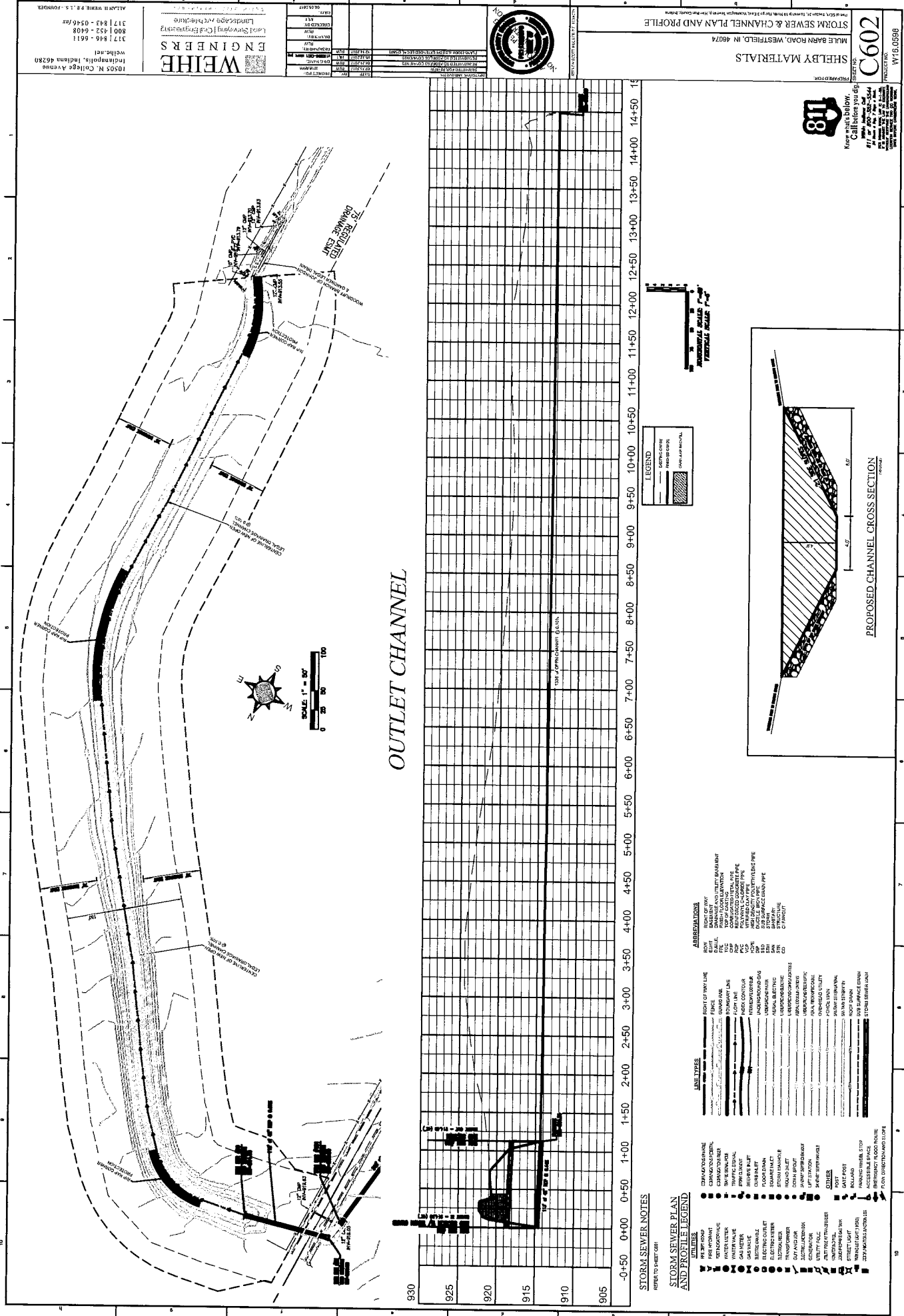
08-05-32-00-00-006.000 Washington  
0 Centennial Rd , Westfield, Roberts, Bradley E & Sarah J

08-05-32-00-00-020.000 Washington  
17942 Centennial Rd , Westfield, Chance, Ronald E & Carolyn A Trustees Ronald E  
Chance Lvg Trust

08-05-32-00-00-023.000 Washington  
3524 W State Road 32 , Westfield, HJW Holdings V LLC  
Total of



Exhibit B  
Shelby Gravel, Inc. Petition for Reconstruction  
2 of 2



**STORM SEWER NOTES**  
REFER TO SHEET 001

**STORM SEWER PLAN AND PROFILE LEGEND**

**UTILITIES**

	30\"/>
	18\"/>
	12\"/>
	6\"/>
	4\"/>
	3\"/>
	2\"/>
	1\"/>
	0.75\"/>
	0.5\"/>
	0.25\"/>
	0.125\"/>
	0.0625\"/>
	0.03125\"/>
	0.015625\"/>

**ABBREVIATIONS**

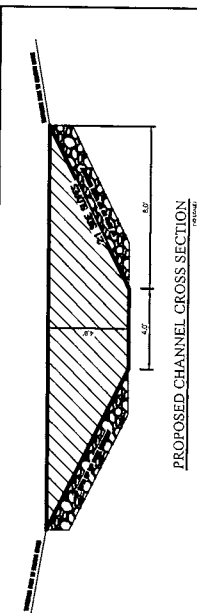
80%	RIGHT OF WAY LINE	1	STORM SEWER MAIN
75%	STORM SEWER MAIN	2	STORM SEWER BRANCH
70%	STORM SEWER BRANCH	3	STORM SEWER LATERAL
65%	STORM SEWER LATERAL	4	STORM SEWER MANHOLE
60%	STORM SEWER MANHOLE	5	STORM SEWER INLET
55%	STORM SEWER INLET	6	STORM SEWER OUTLET
50%	STORM SEWER OUTLET	7	STORM SEWER VALVE
45%	STORM SEWER VALVE	8	STORM SEWER STREET LIGHT
40%	STORM SEWER STREET LIGHT	9	STORM SEWER SIGN
35%	STORM SEWER SIGN	10	STORM SEWER STOP
30%	STORM SEWER STOP	11	STORM SEWER ACCESSIBLE SPACE
25%	STORM SEWER ACCESSIBLE SPACE	12	STORM SEWER FLOOD WALL
20%	STORM SEWER FLOOD WALL	13	STORM SEWER FLOOD GATE
15%	STORM SEWER FLOOD GATE	14	STORM SEWER FLOOD STOP
10%	STORM SEWER FLOOD STOP	15	STORM SEWER FLOOD WALL STOP
5%	STORM SEWER FLOOD WALL STOP	16	STORM SEWER FLOOD GATE STOP
0%	STORM SEWER FLOOD GATE STOP	17	STORM SEWER FLOOD WALL GATE

**LINE TYPES**

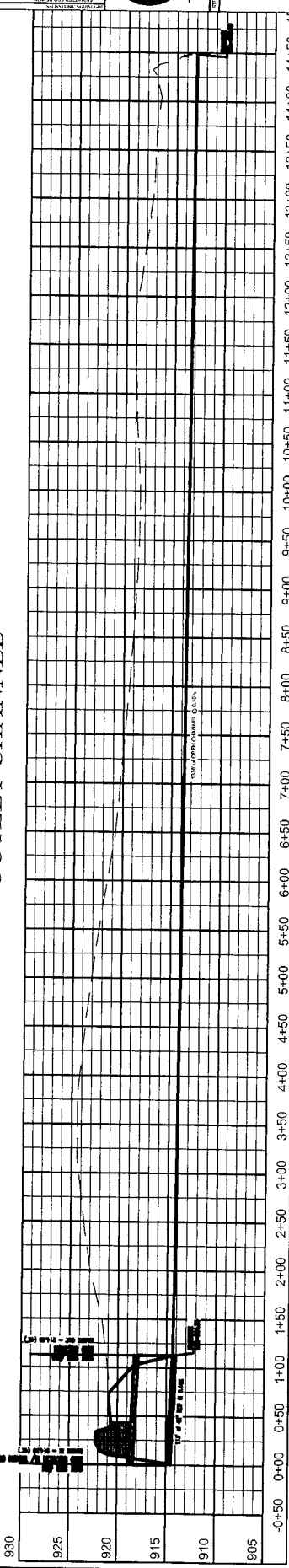
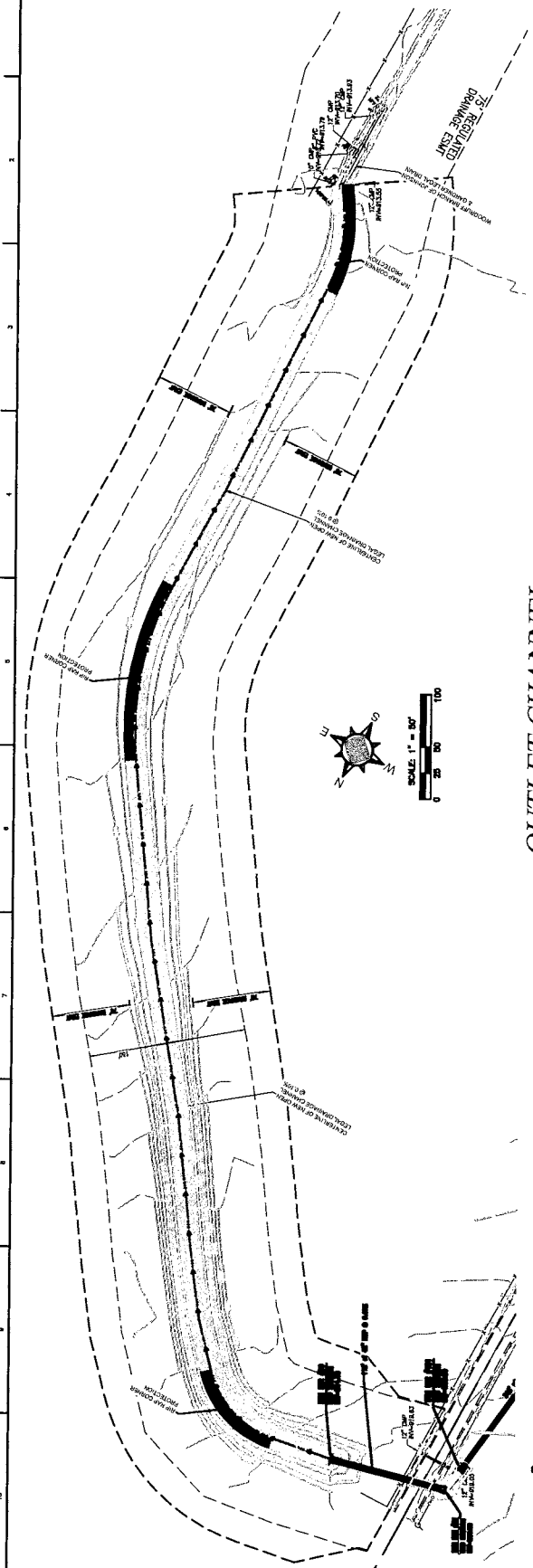
	RIGHT OF WAY LINE
	STORM SEWER MAIN
	STORM SEWER BRANCH
	STORM SEWER LATERAL
	STORM SEWER MANHOLE
	STORM SEWER INLET
	STORM SEWER OUTLET
	STORM SEWER VALVE
	STORM SEWER STREET LIGHT
	STORM SEWER SIGN
	STORM SEWER STOP
	STORM SEWER ACCESSIBLE SPACE
	STORM SEWER FLOOD WALL
	STORM SEWER FLOOD GATE
	STORM SEWER FLOOD STOP
	STORM SEWER FLOOD WALL STOP
	STORM SEWER FLOOD GATE STOP
	STORM SEWER FLOOD WALL GATE

**WEIHE ENGINEERS**  
Land Surveying & Engineering  
10505 N. College Avenue  
Indianapolis, Indiana 46280  
317 846-6611  
317 846-6611  
317 846-6611

**SHELBY MATERIALS**  
MOLE BARN ROAD, WESTFIELD, IN 46074  
C602  
SHEET NO.  
STORM SEWER & CHANNEL PLAN AND PROFILE  
PRODUCTION DATE: 05/15/2018  
PROJECT NO.: 1800-26-284  
DATE: 05/15/2018  
SCALE: AS SHOWN  
CONTRACT NO.: 1800-26-284  
DRAWN BY: JLD  
CHECKED BY: JLD  
APPROVED BY: JLD  
DATE: 05/15/2018



OUTLET CHANNEL



MALIN H. WEIHE, P.E., S.E., F.O.S.E.  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
LICENSE NO. 18938



STORM SEWER & CHANNEL PLAN AND PROFILE  
MOLE BARN ROAD, WESTFIELD, IN 46074  
C602  
SHEET NO.