MAIDENCREEK TOWNSHIP BOARD OF SUPERVISORS

August 10, 2017

ENGINEER'S AGENDA

Subdivision Review Status Checklist

- **Next Supervisors Meeting September 14, 2017.**

Subdivision / Zoning / LDP

- **Plans currently in review.**
  - **Folino Warehouse LDP – Sketch Plan** (1)
  - **Maidencreek TV & Appliance – Sketch Plan** (2)
- Melrose Place – Stormwater/Grading
  - **Follow up meeting w/Stefano Folino & Rob Hains (Berks Surveying); revised grading plan prepared.**
  - **Folino to review w/property owners.**

Projects

- Stormwater Projects
  - Walnut Manor Tree Dr. – Bids received on April 3, 2017; bid awarded to **Wexcon, Inc. in the amount of $28,635.00. Work completed; punchlist items have been completed. Application No. 1 (Final) in the amount of $22,847.00 recommended for BOS approval.** (3)
  - Ina/Rt. 73 – Lindbergh/Adele – on hold.

- West Shore Drive
  - Meet with inspector for state on Tues., Aug. 23 regarding Bridge Inspection. Report.
    - Repairs are somewhat extensive; Twp. Involvement is possible
    - Three (3) 60" dia. Pipes required as alternative to existing opening. Not desirable due to maintenance.
    - Twp. to make repairs as schedule permits.

- Street Lighting
  - Investigation of light intensity ongoing; drone camera pictures of Spirit Ct. & Ontelaunee Heights completed.

- 2017 Street Project
  - Bids received on May 11, 2017; Awarded to H&K Group for total base bid of $281,661.75. Notice to Proceed issued.
  - **Evansville Road cold-in-place recycle completed on June 28th.**
  - **MTA Sewer Repair Project – W. Wesner Rd. repairs completed.**
  - **Evansville Rd. wearing course and Orchard Rd. widening and wearing course complete; Spirit Ct. base repair & wearing course complete.**
  - **Application for Payment #1 in the amount of $213,985.15 recommended for BOS approval.** (4)

- MS4
  - SDE preparing PRP (Pollution Reduction Plan) for the Willow Creek, TMDL for Lake Ontelaunee, and NOI (Notice of Intent).
  - Must be advertised 45 days prior to submittal date for a 30 day public comment period.
  - Final plan must be submitted to DEP by September 16, 2017
  - **Presentation to BOS completed at July Mtg., plan advertised for 70 day public comment period.**

- **Chestnut St. Crosswalk**
  - **Coordinating traffic study counts/speed with police department.**
  - **Proceeding with traffic study.**

Subdivision Improvement LOC / Escrow Release (5)

Sewage Enforcement Officer Activity Report (6)

July 27, 2017

Maidencreek Township Planning Commission
PO Box 319
Blandon PA 19510

Re: Folino Land Development Plan
Sketch Plan
Maidencreek Township
Berks County

Dear Planning Commission Members:

We are in receipt of a Sketch Plan entitled Folino Proposed Building Sketch Plan prepared by Berks Surveying & Engineering, Inc.

The site consists of 5.29 acres and is located in the "I Industrial District". The site fronts the Norfolk Southern Rail Road tracks to the north, the Norfolk Southern abandoned rail road property to the south and is accessed from West Wessner Road to the west. The Sketch plan reflects a proposed warehouse with an office, a macadam parking lot and stone lot area. The site is presently wooded.

The plan submittal consists of 1 sheet as follows:

TITLE	SHEET NUMBER	DATE	REV.
Sketch Plan	C101	7-17-17	

We have reviewed the above referenced plan and have the following comments for your consideration:

Zoning:

1. **Permitted Use. Section 220-48.** Notes on the plan indicate a proposed Commercial activity. Notes on the proposed building indicate a 62' by 180' warehouse space with a proposed 20' by 62' office space all within the same building. There is a proposed paved parking lot and a proposed stone area on the parcel. The proposed commercial activity of warehousing is a permitted use in the Industrial Zone. The applicant has placed the correct zoning data on the plan but has incorrectly indicated it to be in the R3 Zoning District.

SALDO: General Comments;

1. Public sewer is available for this parcel in West Wessner Road. See SDE Sewer review attached.
2. Public water is not available for this parcel so an on-site well will need to be utilized. See SDE Water review attached.
3. Sight distance for the proposed driveway will need to be evaluated and reviewed and should be discussed with the Planning Commission.
4. General stormwater management controls should be discussed with the Planning Commission.
5. The ultimate proposed use should be discussed with the Planning Commission.
6. Landscaping should be discussed with the Planning Commission. The residential properties along West Wessner Road are separated by a narrow strip of land owned by the Norfolk Southern Rail Road and the proposed land development. This rail road property is fairly narrow and should the existing vegetation be removed, this will expose this land development directly to the rear of the lots along West Wessner Road.
7. A lighting plan will be required in accordance with township ordinances.

Sincerely,
SYSTEMS DESIGN ENGINEERING, INC.

Ed Kopicki
Township Planning Consultant

Cc: Maidencreek Township Supervisors
Diane Hollenbach, Twp. Manager
Eugene Orlando Jr., Twp Solicitor.
Folino Construction Co., Inc.
Berks Surveying & Engineering
Jeffrey and Carol Baum

July 27, 2017

Maidencreek Township Planning Commission
PO Box 319
Blandon PA 19510

Re: Maidencreek TV and Appliances Land Development Plan
Sketch Plan
Maidencreek Township
Berks County

Dear Planning Commission Members:

We are in receipt of a Sketch Plan entitled Maidencreek TV and Appliance Sketch Plan of Development prepared by Berks Surveying & Engineering, Inc.

The site is the existing site of the Maidencreek TV and Appliance store located along the north side of Rt 222 approximately 400 feet from the intersection of Rt 222 and Lake Shore Drive. The site is 1.9 acres in size and zoned C-1 Local Commercial. The Sketch plan reflects a proposed change of building location due to PennDOT taking of additional right-of-way.

The plan submittal consists of 1 sheet as follows:

TITLE	SHEET NUMBER	DATE	REV.
Sketch Plan	C101	7-18-17	

We have reviewed the above referenced plan and have the following comments for your consideration:

Zoning:

1. **Permitted Use. Section 220-41.** The proposed use of a retail store is a use permitted by right in the C-1 Local Commercial District.
2. **Maximum Impervious Cover. Section 220-42.** The maximum impervious cover allowed is 65%. The proposed impervious cover is unknown however it appears that the total square footage of the new structure will be less than the previous buildings together. In addition, the taking of approximately 20+ by 265+ feet of frontage by PennDOT was not at the applicants asking.
3. **Nonconforming Uses of Land. Section 220-105.** Any existing nonconforming use of land such as lot coverage and setbacks, should be given consideration for this land

development. It appears that the applicant has corrected rear and front yard set back violations with the newly proposed structure and as mentioned above the new building footprint appears to be less than the previous buildings together.

SALDO: General Comments;

1. Public sewer and public water is available for this parcel. See SDE letter attached.
2. PennDot issues should be discussed with the Planning Commission.
3. General stormwater management controls should be discussed with the Planning Commission.
4. Landscaping and lighting should be discussed with the Planning Commission.

Sincerely,
SYSTEMS DESIGN ENGINEERING, INC.

Ed Kopicki
Township Planning Consultant

Cc: Maidencreek Township Supervisors
Diane Hollenbach, Twp. Manager
Eugene Orlando Jr., Twp Solicitor.
DKB Realty, LLC
Berks Surveying & Engineering

July 25, 2017

Diane Hollenbach, Township Manager
Maidencreek Township
P.O. Box 319
Blandon, PA 19510

Attn: Board of Supervisors

Re: Walnut Manor Storm Sewer Repair Project
Application for Payment (Final)

Dear Supervisors:

We have reviewed Payment Application No. 1 (Final), dated July 7, 2017, submitted by Wexcon, Inc. for the Walnut Manor Storm Sewer Repair Project. This application is for full payment of the Contract.

All Contract Work has been satisfactorily completed, and we recommend payment to Wexcon, Inc. for an amount of **$22,847.00**.

Enclosed are two copies of the following documents:

1. Payment Application No. 1 (Final) for execution by the Board
2. Affidavit of Release of Liens for your records
3. Final Waiver of Liens for your records

Also enclosed are the Contractor's certified payroll receipts for the weeks of May 21 through July 15, 2017.

The awarded contract price is **$28,635.00**, and the actual cost of the Contract work is $22,847.00 which is $5,788.00 less than the total Contract Amount. The reduced amount is due to some of the Extra Work not being required.

1032 James Drive, Leesport, PA 19533 • P: 610.916.8500 • F: 610.916.8501
Schuylkill Haven, PA • P: 570.385.5549 Boyertown, PA • P: 610.369.1319

If you have any questions, please do not hesitate to contact us.

Sincerely,

Systems Design Engineering, Inc.

Craig Momose

Craig Momose, P.E.
Director of Civil Engineering

Enclosures

cc: SDE Office/Construction Observation File

CONTRACTOR'S APPLICATION FOR PAYMENT (Submit 3 original copies to the Engineer)

TO (OWNER): Maidencreek Township

PROJECT: Walnut Manor - Phase II - Storm Sewer Repair Project

APPLICATION NO: 1

APPLICATION DATE: 7/7/17
PERIOD TO: 6/30/17
ENGINEER'S PROJECT NO: 16-0019-0248
CONTRACT DATE:

FROM (CONTRACTOR): Wexcon, Inc.
379 Tilden Road
Mohrsville, PA 19541

VIA (ENGINEER): Systems Design Engineering, Inc.
1032 James Drive
Leesport, PA 19533

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

CHANGE ORDER SUMMARY			
Change orders approved in previous months by Owner		ADDITIONS	DEDUCTIONS
	Total		
Approved this Month			
Number	Date Approved		
	TOTALS		
Net change by Change Orders			

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, (is attached).

1. ORIGINAL CONTRACT PRICE		$ 28,635.00
2. NET CHANGE BY CHANGE ORDERS		$0.00
3. CURRENT CONTRACT PRICE (Line 1+2)		$ 28,635.00
4. TOTAL COMPLETED & STORED TO DATE (Column L)		$ 22,847.00
5. RETAINAGE:		
a. 0 % of Completed Work (10% of L)	$ -	
b. % of	$	
c. Total Retainage: (Total in Column O)		$ -
6. AMOUNT ELIGIBLE TO DATE (Line 4 less Line 5 Total)		$ 22,847.00
7. LESS PREVIOUS PAYMENTS (Line 6 from prior application)		$ -
8. AMOUNT DUE THIS APPLICATION (Line 6-7)		$ 22,847.00
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 Less Line 6)		$ 5,788.00

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kelly Anne Burdick, Notary Public
Centre Twp., Berks County
My Commission Expires Dec. 7, 2020

CONTRACTOR:
By: _____ Date: 7/7/17
State of: PENNSYLVANIA
Subscribed and sworn to before me this 7th day of JULY, 2017.
Notary Public: Kelly Anne Burdick
My Commission expires: DEC 2020

SEAL

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

PAYMENT OF: $ 22,847.00
(Attach explanation if amount certified differs from the amount applied for.)

RECOMMENDED BY: (ENGINEER) SYSTEMS DESIGN ENGINEERING, INC.
Craig Monroe Date: 7/25/17

This certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

APPROVED BY: _____ Date: _____
Funding Agency (If Applicable)

SEE SUPPLEMENTARY CONDITIONS FOR REQUIRED DOCUMENTATION TO BE PROVIDED BY THE CONTRACTOR WITH THE FINAL PAYMENT APPLICATION.

(W)

OWNER: Maidencreek Township
PROJECT: Walnut Manor - Phase II - Storm Sewer Repair Project
CONTRACTOR'S APPLICATION FOR PAYMENT
PROGRESS ESTIMATE

APPLICATION NO: 1
APPLICATION DATE: 7/7/17
PERIOD TO: 6/30/17
ENGINEER'S PROJECT NO: 16-0019-0248

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
						WORK COMPLETED								
Item No.	Description of Work	Estimated Quantity	UNIT	Unit Cost	Schedule of Values (C*E)	Previous Application Quantity	Previous Application Amount (E*G)	This Period Quantity	This Period Amount (E*I)	Total Completed & Stored to Date Quantity (G+I)	Total Completed & Stored to Date Amount (H+J)	% Complete (L/F)	Balance to Finish (F-L)	Retainage (0% Of L)
1	Exc., Rem. & Dispose of Storm Pipe	95	LF	$48.00	$4,560.00	0	$0.00	99.00	$4,752.00	99.00	$4,752.00	104%	-$192.00	$0.00
2	F&I 15" Storm Sewer	30	LF	$155.00	$4,650.00	0	$0.00	30.00	$4,650.00	30.00	$4,650.00	100%	$0.00	$0.00
3	F&I 18" Storm Sewer	65	LF	$150.00	$9,750.00	0	$0.00	65.00	$9,750.00	65.00	$9,750.00	100%	$0.00	$0.00
4	F&I 15" MarMac	3	EA	$500.00	$1,500.00	0	$0.00	3.00	$1,500.00	3.00	$1,500.00	100%	$0.00	$0.00
5	F&I 18" MarMac	2	EA	$525.00	$1,050.00	0	$0.00	2.00	$1,050.00	2.00	$1,050.00	100%	$0.00	$0.00
6	F&I Extra 15" Storm Sewer	20	LF	$155.00	$3,100.00	0	$0.00	4.00	$620.00	4.00	$620.00	20%	$2,480.00	$0.00
7	F&I Extra 18" Storm Sewer	20	LF	$150.00	$3,000.00	0	$0.00	0.00	$0.00	0.00	$0.00	0%	$3,000.00	$0.00
8	Extra 15" MarMac	1	EA	$500.00	$500.00	0	$0.00	0.00	$0.00	0.00	$0.00	0%	$500.00	$0.00
9	Extra 18" MarMac	1	EA	$525.00	$525.00	0	$0.00	1.00	$525.00	1.00	$525.00	100%	$0.00	$0.00
	TOTALS SHEET NO. 2				**$28,635.00**				**$22,847.00**		**$22,847.00**		**$5,788.00**	**$0.00**

(3)

SDE SYSTEMS DESIGN ENGINEERING, INC
"A Passion for Engineering Excellence"
sdei.net

August 9, 2017

Maidencreek Township
P.O. Box 319
Blandon, PA 19510

Attn: Township Board of Supervisors

Re: 2017 Annual Road Project - Contracts A & B
Payment Application #1

Dear Supervisors:

We reviewed Payment Application #1 submitted by H&K Group, Inc. for the above referenced project. Based on our review, the work performed to date is satisfactory, and we recommend payment to H&K Group, Inc. for an amount of **$213,985.15**, which is comprised of $138,159.16 for Contract A and $75,825.99 for Contract B. Enclosed are two copies of the payment application form for execution by the Board. I red-marked an incorrect Balance to Finish, Plus Retainage amount.

The original contract price awarded for Contracts A and B is $374,256.75. The requested payment is for work completed to date on Orchard Road and Spirit Court (Contract A) and on Evansville Road (Contract B). These roads are complete except for pavement markings. The remaining balance for the two contracts is $160,271.60, which also includes 10% retainage for the work completed to date.

If you have any questions, please do not hesitate to contact us.

Sincerely,

Systems Design Engineering, Inc.

Craig Momose

Craig Momose, P.E.
Director of Civil Engineering

Enclosures

Cc: Tom Unger, P.E. - Township Engineer
SDE Office/Construction Observation File

I:\Projects\Maidencreek Township\17-0019-0115 2017 Annual Road Project\Payment Applications\Pay Appl #1 Letter - Contracts A & B.docx

H&K Group Inc | **APPLICATION AND CERTIFICATE FOR PAYMENT** |

TO: **Maidencreek Township**
P.O. Box 319
Blandon, PA, 19510

PROJECT: Maidencreek Twp. 2017 Contract A and B

APPLICATION NO: **001**
PERIOD ENDING: 7-31-2017

Maidencreek Township
PROJECT NO:

FROM: **H&K Group Inc**
P.O. Box 196
Skippack, PA 19474

H&K Group Inc
PROJECT NO: qM-041A

CONTRACT FOR: **Paving**

CONTRACT DATE: **5/26/2017**

SUBCONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Orders approved in previous months Total	0.00	0.00
Approved This Month		
Number / Date Approved		
Totals	0.00	0.00
Net Change by Change Orders		$0.00

1. **ORIGINAL CONTRACT SUM**			$374,256.75
2. **NET CHANGE BY CHANGE ORDERS**			$0.00
3. **CONTRACT SUM TO DATE (LINE 1 + 2)**			$374,256.75
4. **TOTAL COMPLETED & STORED TO DATE** (Column G on Page 2)			$237,761.28
5. **RETAINAGE**			
a. 10.00% of Completed Work		$23,776.13	
b. _____ of Stored Material		$0.00	
Total Retainage (Line 5a + 5b or Total in column I of Page 2)		$23,776.13	
6. **TOTAL EARNED LESS RETAINAGE** (Line 4 less Line 5 Total)			$213,985.15
7. **LESS PREVIOUS CERTIFICATES FOR PAYMENT** (Line 6 from prior Certificates)			$0.00
8. **CURRENT PAYMENT DUE**			**$213,985.15**
9. **BALANCE TO FINISH, PLUS RETAINAGE** (Line 3 less Line 6)			~~$157,736.38~~ $160,271.60

The undersigned contractor certifies that to the best of the contractor's knowledge, information and belief the work covered by this Application for Payment has been completed in accordance with the contract documents, and that current payment shown herein is now due.

CONTRACTOR: **H&K Group Inc**

BY: Traci K Miller Date: 08/08/2017

Traci K. Miller, Vice-Pres., Asst. Sect.

State of: PENNSYLVANIA County of: Montgomery

Subscribed and sworn to before me this 8th day of August ,2017

Notary Public: Jennifer S. Kratz

My Commission expires:

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
JENNIFER S. KRATZ, Notary Public
Skippack Twp., Montgomery County
My Commission Expires July 25, 2020

Approved as noted.
Systems Design Engr.
Craig Monroe
8/9/17

APP NUMBER 001

DATE: 08/07/2017

OWNER: Maidencreek Township

NAME OF PROJECT: Maidencreek Twp. 2017 Contract A and B

JOB NO.: qM-041A

CONTRACTOR: H&K Group Inc

Unit Price	Unit	Item No.	Description	Quantity	Total Amount C	Previous Applications D		This Application E		Complete To Date F		Balance To Finish G	
						Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
	LS	0800-0010	Bond	1								1	
30.10	SY	0800-0020	1A Base Repair 4" 25 mm 0-.	430	$12,943.00							430	12,943.00
72.75	TN	0800-0030	1B Scratch Wearing 9.5 0-3	280	$20,370.00							280	20,370.00
79.40	TN	0800-0040	1C 9.5" Wearing 1 1/2" 0-.	780	$61,932.00							780	61,932.00
53.15	SY	0800-0050	1D Shoulder Backup	35	$1,860.25							35	1,860.25
2,280.00	LS	0800-0060	1E Pavement Markings	1	$2,280.00							1	2,280.00
72.90	SY	0800-0070	2A Base Repair 4" 25 mm 0-.	70	$5,103.00							70	5,103.00
120.75	SY	0800-0080	2B Widen Shoulder 3" Depth @	40	$4,830.00							40	4,830.00
101.60	TN	0800-0090	2C 9.5" Wearing 1 1/2" 0-.	120	$12,192.00							120	12,192.00
27.40	SY	0800-0100	3A Base Repair 4" 25 mm 0-.	1450	$39,730.00			1449	39702.6	1,449.000	39702.6		
5.95	SY	0800-0110	3B Variable Depth Milling 6'	2130	$12,673.50			2028	12066.6	2,028.000	12066.6		
81.05	TN	0800-0120	3C 9.5" Wearing 1 1/2" 0-.	520	$42,146.00			558.55	45270.48	558.550	45270.48		
790.00	LS	0800-0130	4D Pavement Markings	1	$790.00							1	790.00
46.95	SY	0800-0140	4A Road Widening 10" 6" 2A	480	$22,536.00			442	20751.9	442.000	20751.9		
30.20	SY	0800-0150	4B Base Repair 4" 25 mm 0-.	520	$15,704.00			473	14284.6	473.000	14284.6		
84.95	TN	0800-0160	4C 9.5" Wearing 1 1/2" 0-.	220	$18,689.00			220	18689	220.000	18689		
870.00	LS	0800-0170	4D Pavement Markings	1	$870.00							1	870.00
104.00	CY	0800-0180	5A Remove & Replace Soft & Y	40	$4,160.00							40	4,160.00
4.20	SY	0800-0190	5B Class 4 Type B Geotexti	90	$378.00							90	378.00
22.50	SY	0800-0200	5C Paving Geotextile	110	$2,475.00			122	2745	122.000	2745		
6.00	SY	0800-0210	6A Cold in Place Recycling 5"	5180	$31,080.00			5154	30924	5,154.000	30924		
1.90	SY	0800-0220	6B Emulsified Asgphalt CSS-1h	10360	$19,684.00			9014	17126.6	9,014.000	17126.6		
75.70	TN	0800-0230	6C 9.5" Wearing 1 1/2" 0-	470	$35,579.00			478.21	36200.5	478.210	36200.5		
1,870.00	LS	0800-0240	6D Pavement Markings	1	$1,870.00							1	1,870.00
100.10	CY	0800-0250	7A Remove & Replace Soft & Y	40	$4,004.00							40	4,004.00
4.20	SY	0800-0260	7B Class 4 Type B Geotexti	90	$378.00							90	378.00
			PROJECT TOTAL:		$374,256.75				237,761.28		237,761.28		133,960.25

SUMMARY
IMPROVEMENT AGREEMENTS INVOICES
APPROVED FOR PAYMENT
MAIDENCREEK TOWNSHIP BOARD OF SUPERVISORS
AUGUST 10, 2017

DATE OF INVOICE/PAYEE	INVOICE NO.	AMOUNT
1. Melrose Place		
7/30/17 Maidencreek Twp. – Re: SDE, Inc.	88627	$755.41
	AMOUNT DUE	$755.41
	TOTAL AMOUNT DUE	**$755.41**

MAIDENCREEK TOWNSHIP
SEO ACTIVITY REPORT
7/1/17 - 7/31/17

Date	SDE #	App. #	Applicant/Activity	Fee Paid to Date By Applicant	Billed/Paid	Chk #
July	17-0019-0300		SEO report, admin/filing.			
7/10/2017	17-0019-0300		Favardine planning module: Review DEP comments			
7/27/2017	17-0019-0300		Meet Moe Favardin to review current septic system components already constructed onsite.			
7/27/2017	17-0019-0300		Telcon w/Cheryl from Remax re: 1431 Pleasant Hill Rd distance from well to septic			

Cc: T. Unger 2 copies
SEO Desk