

<b>LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER</b> Page 1 of 2	Date:	November 17, 2015	
	Project:	Hartland Pump Station Improvements	
	Location:		
To (Contractor): Kenney, Inc.	Contract No.	268-2015	
	Original Contract Amt.	\$142,600.00	
	Cumulative Amount of Previous Change Orders	\$0.00	
	Percent Change - Previous Change Orders		0.00%
	Total Contract Amount Prior to this Change Order	\$142,600.00	
	Change Order No.	1	

You are hereby requested to comply with the following changes from the contract plans and specification;

**Current Change Order**

Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price	
1	Tie-In to existing 6" force main		\$865.00	
2	Verticle pipe installed in new wet well basin		\$2,510.00	
3	Cross Over Piping		\$2,355.00	
	Total decrease	\$0.00		
	Total increase		\$5,730.00	
	Net Amount of this Change Order	\$5,730.00		
	New Contract Amount Including this Change Order	\$148,330.00		
	Percent Change - This Change Order			3.86%
	Percent Change - All Change Orders			3.86%

The time provided for the completion in the contract and all provisions of the contract will apply hereto.

Recommended by *[Signature]* (Proj. Engr.) Date 11-24-15  
 Accepted by *[Signature]* (Contractor) Date 11/24/15  
 Approved by *[Signature]* (Director) Date 11/25/15  
 Approved by *[Signature]* (Commissioner) Date 12-15-15  
 Approved by *[Signature]* (Mayor or CAO) Date 12-18-15

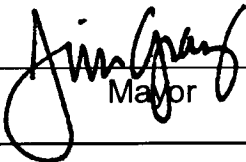
**JUSTIFICATION FOR CHANGE**

PROJECT: Hartland Pump Station Improvements

CONTRACT NO. 268-2015

CHANGE ORDER: #1

1. Necessity for change: To delete fence replacement and seeding and strawing from contract and to add rerouting of the Sanitary Sewer to avoid conflicts with existing WWTP, installation of additional manhole and piping for flowmeter, furnish and install a disconnect per KU and to furnish and install an additional 8" valve.
2. Is proposed change an alternate bid? \_\_\_Yes  No
3. Will proposed change alter the physical size of the project? \_\_\_Yes  No  
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? \_\_\_Yes  Not Necessary
6. Will this change affect expiration or extent of insurance coverage? \_\_\_Yes  No  
If "Yes", will the policies be extended? \_\_\_Yes \_\_\_No
7. Effect on operation and maintenance costs: N/A
8. Effect on contract completion date: N/A

  
\_\_\_\_\_  
Mayor

12-18-15  
\_\_\_\_\_  
Date

SIGNATURES TO CHANGE ORDER

Change Order No. 1 Amount: 5,730.00  
Hartland Pump Station Improvements  
Resolution No. 268-2015

ACCEPTED:  
Kenney, Inc.

DATE: 11/24/15

BY: Cameron Kenney

RECOMMENDED:  
Lexington-Fayette Urban County Government

DATE: 11.24.15

BY: [Signature]  
Project Manager

REVIEWED:  
Lexington-Fayette Urban County Government

DATE: 11-25-15

BY: [Signature]  
Charles H. Martin, PE – Director  
Division of Water Quality

APPROVED:  
Lexington-Fayette Urban County Government

DATE: 12-18-15

BY: [Signature]  
Mayor

# KENNEY, INC.

105 PARIS PIKE  
MT. STERLING, KENTUCKY 40353

PHONE 859-498-3686  
FAX 859-498-7478

HARTLAND PUMP STATION No. 1  
FAYETTE Co., KY

Attention: MR. RICK DAY

September 1, 2015

**PROPOSAL No. 1A - COMPLETE PUMP DISCHARGE PIPING FROM NEW PUMP BASE & TIE-IN AT EXISTING FORCE MAIN CONNECTION. ADD CROSS OVER CONNECTION AS SHOWN IN PROPOSED DRAWING.**

ITEM	SCOPE OF WORK	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT
1	TIE-IN TO EXISTING 6" FORCE MAIN w/ADDED CROSS OVER	1	LS	\$ 3,220.00	\$ 3,220.00
2	VERTICAL PIPE INSTALLED IN NEW WET WELL BASIN	1	LS	\$ 2,510.00	\$ 2,510.00

Total Proposed Amount \$ 5,730.00

Item 1 of this Proposal is Contingent upon the following conditions:

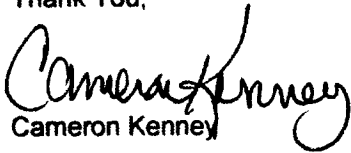
- The existing check valves & gate valves are in good working condition & will seal off upstream sewage in the line.
- Bypass pumping is not included in this Proposal. I'm assuming there is adequate storage in both wells to maintain flows for approximately 1 hour (We estimate cutting out the old pipe and installing the new piping will take approx. 1 hour).
- If cross over tie-in is required to be done at night, please add 20% to Item 1 total.
- Existing Piping in existing Wet Well to remain in place.
- Using the cross over connection as proposed, the existing pump station will have to be shut down for approx. 1 hour.

Maintaining existing flow during the Cross Over connection -

I havent seen any data showing the actual GPM this station receives. I've calculated the Storage capacity to be approx. 5,650 gallons using both wet wells. Anything beyond the 5,650 we will start surcharging the inlet gravity lines. I don't know if surcharging the existing lines is an option? If the flow entering the station is below 94 GPM we should be fine. The City may be able to pull the daily cycle times and incorporate the GPM's for existing pump in order to determine the average GPM's and also find out when would be the best time to complete this crossover.

If you have any questions or comments, please advise.

Thank You,

  
Cameron Kenney

PLANNED ALIGNMENT  
PROPOSED ALIGNMENT



DETERMINE ELEVATION OF  
EXISTING FORCE MAIN.  
FORCE MAIN FROM NEW  
WET WELL TO BE AT SAME  
ELEVATION OF EXISTING.

6" x 45° BEND MJ  
401 LINED  
N 3,875,001.62  
E 5,291,086.07

PROPOSAL No. 1  
ADDED TIE-IN  
6" x 45° BEND MJ  
401 LINED

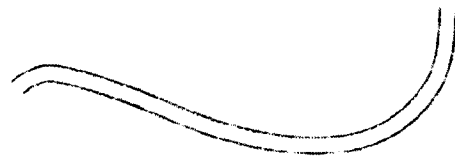
6" MJ CAP

GUY WIRE ANCHORS

6" x 45° BEND MJ  
401 LINED  
N 3,874,991.63  
E 5,291,099.63

DISCHARGE ELEVATION  
UNKNOWN AT THIS TIME.

ROTATE  
7.9 DEGREES



DETERMINE ELEVATION OF  
EXISTING FORCE MAIN.  
FORCE MAIN FROM NEW  
WET WELL TO BE AT SAME  
ELEVATION OF EXISTING.

6" x 45° BEND MJ  
401 LINED  
N 3,875,001.62  
E 5,291,086.07

PROPOSAL No. 1A  
ADDED TIE-IN  
6" x 45° BEND MJ  
401 LINED

GUY WIRE ANCHORS

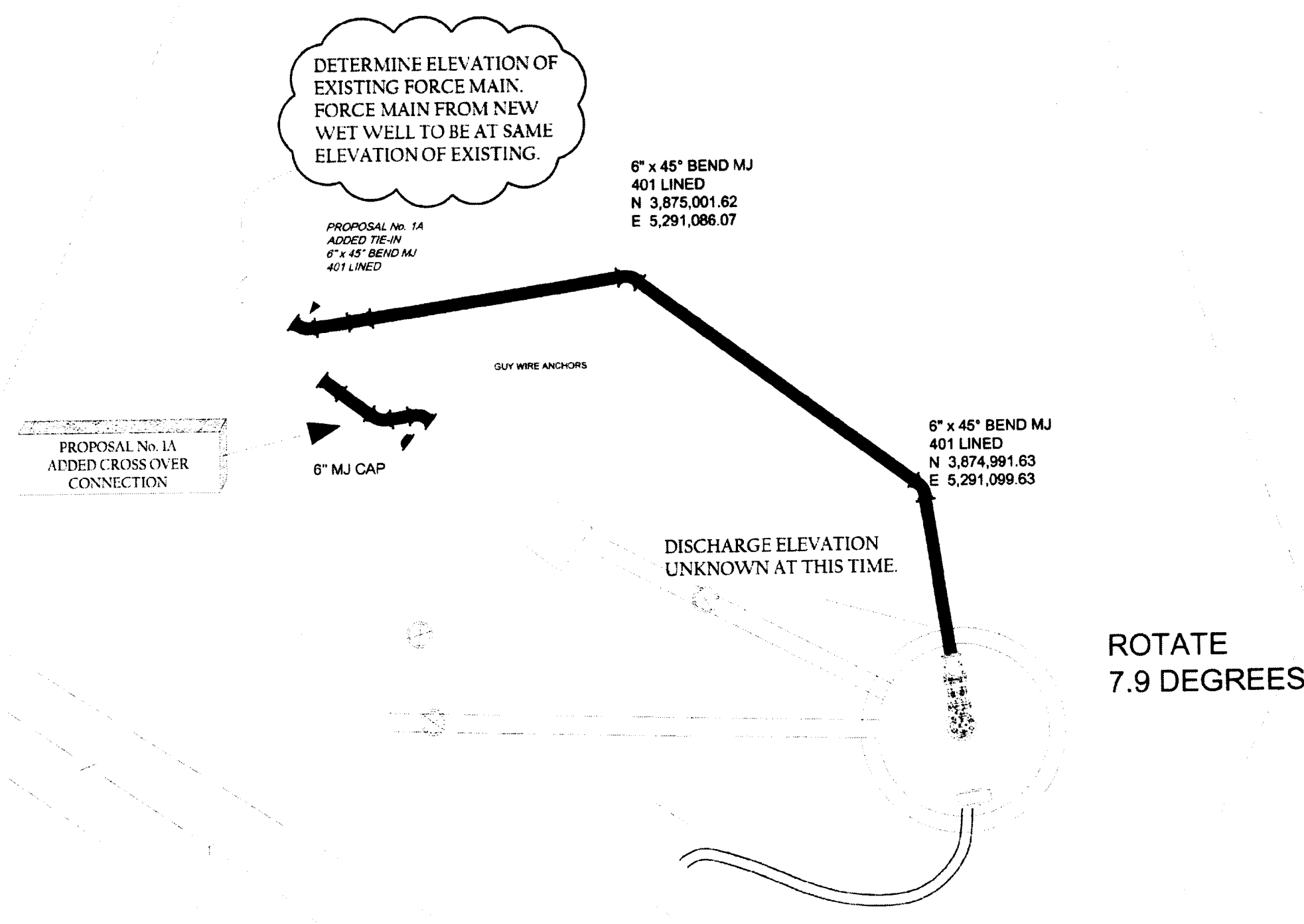
6" x 45° BEND MJ  
401 LINED  
N 3,874,991.63  
E 5,291,099.63

PROPOSAL No. 1A  
ADDED CROSS OVER  
CONNECTION

6" MJ CAP

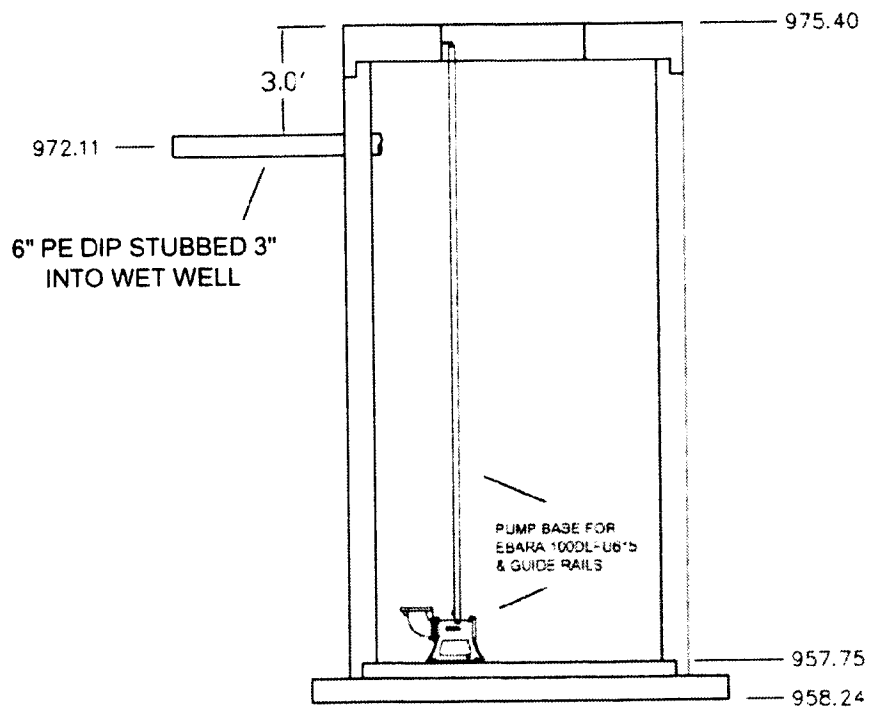
DISCHARGE ELEVATION  
UNKNOWN AT THIS TIME.

ROTATE  
7.9 DEGREES

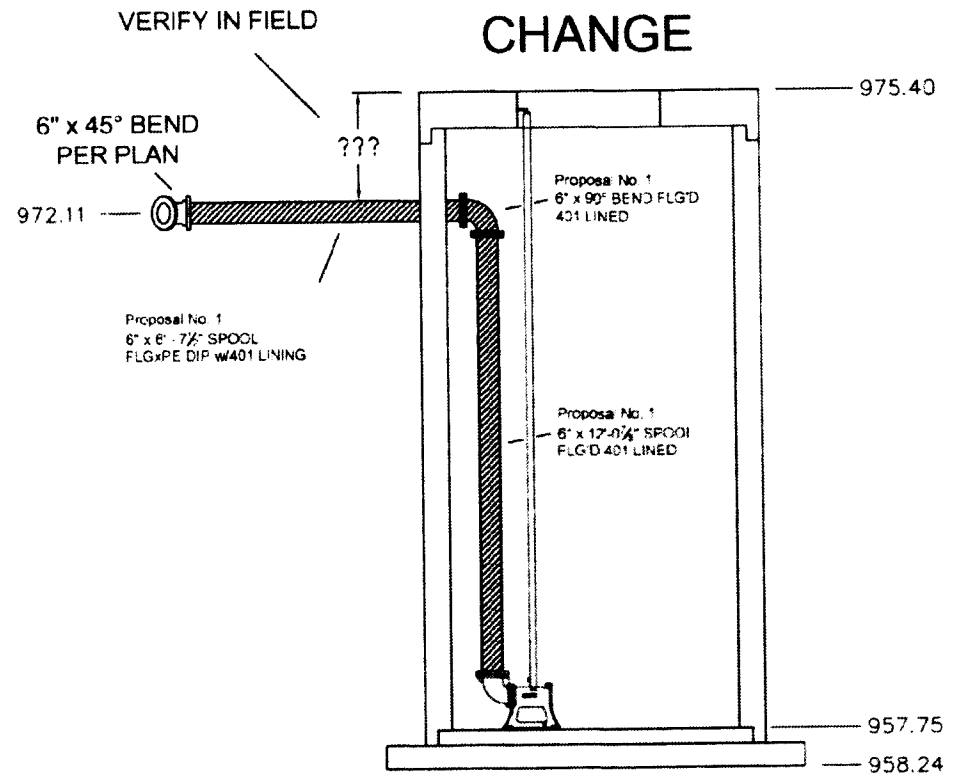


# HARTLAND No. 1 PROPOSED DISCHARGE PIPING CHANGE

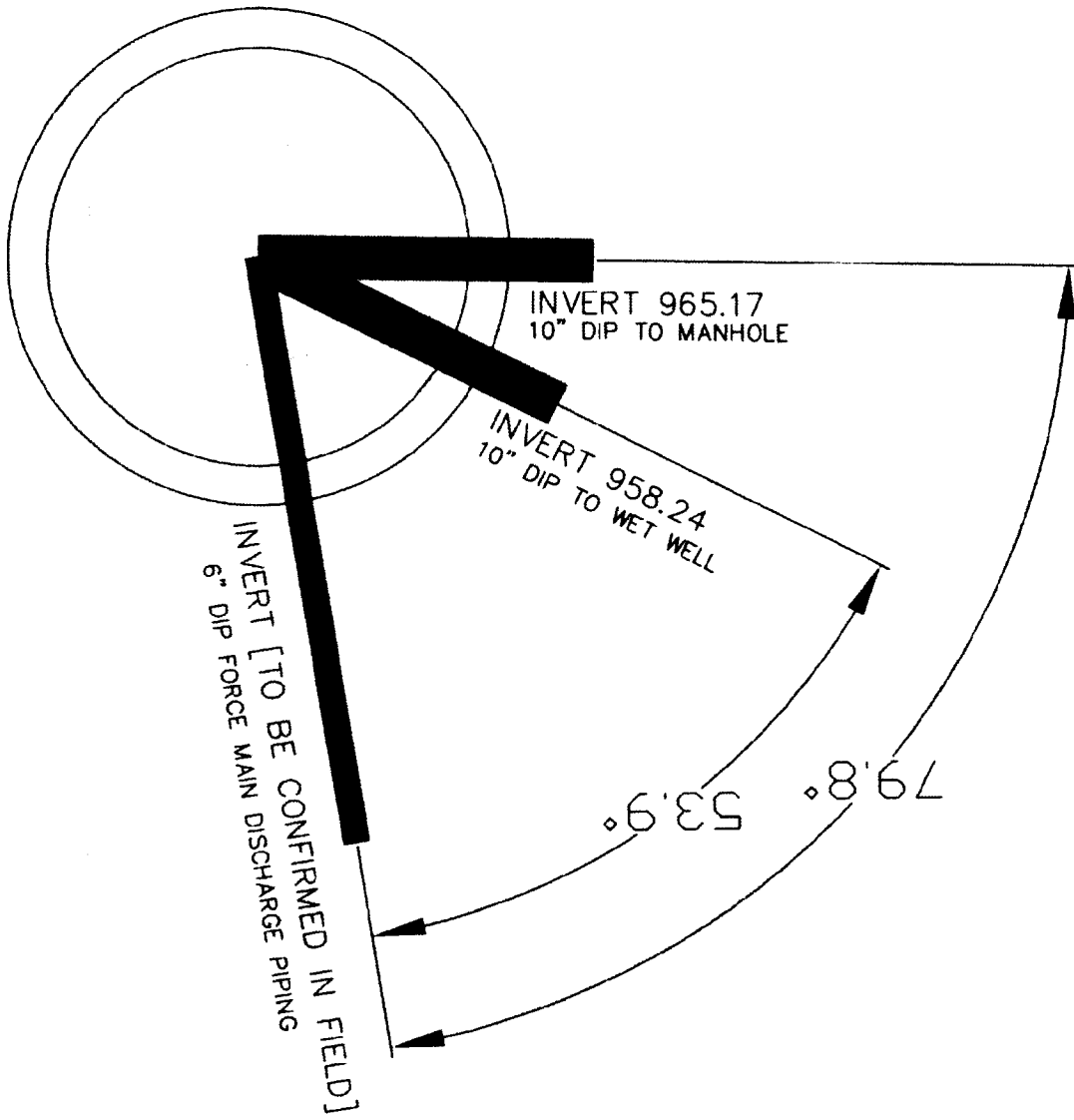
## ORIGINAL PLAN



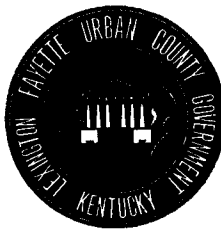
## PROPOSED CHANGE



# HARTLAND No. 1 ADJUSTED ALIGNMENT FOR NEW WET WELL








Lexington-Fayette Urban County Government  
DEPARTMENT OF PUBLIC WORKS & ENVIRONMENTAL QUALITY

Jim Gray  
Mayor

David Holmes  
Commissioner

TO: Mayor Jim Gray  
Urban County Council

FROM:   
Charles H. Martin, P.E., Director  
Division of Water Quality

DATE: November 24, 2015

SUBJECT: Change Order #1 to contract with Kenney, Inc. for the Hartland Pump Station Improvements Project.

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Request

The Division of Water Quality requests approval of Change Order #1 to Kenney, Inc. increasing the project cost by \$5,730.00 for the cost of added connections at the pump base and at the existing force main connection point and extending project completion date by 75 days.

Purpose of Request

This increase in cost will cover pump discharge piping from the new pump base and tie-in at existing force main connection. The new project completion date will be February 15, 2016.

Project Cost in FY16 and in Future Budget Years

Approval of this change order results in a net increase of \$5,730.00 to the contract. The revised contract amount including this change order will be \$148,330.00.

Are Funds Budgeted

Funds are budgeted in: 4003-303410-3472-92811      SSREHAB CONSTRUCT

Martin/Holmes