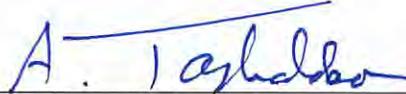


Date: September 30, 2009

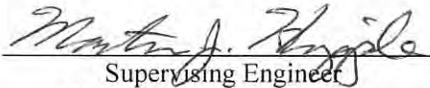
**PROJECT NOTIFICATION****NAME:** Build Fountain-Waterloo 34/69 KV Line & tie to L. 3341A**LOCATION:** Division VI, near Waterloo**IN SERVICE DATE:** 6/1/2011**NOTIFICATION:** Original**COMPANY:** AmerenIP **DIVISION:** VI **DP** 11028 **ISP** D47154 **SACF** = 2.9 **CI Savings** = NA**DESCRIPTION & SCOPE:** Build a 6 mile line between the proposed Waterloo & Fountain Switching Stations along HH Rd. The line should be built to 69 KV specifications, but will be operated at 34.5 KV. Build an additional one mile of double-circuit line from Fountain Sw Stn to the existing L3341A.**JUSTIFICATION:** The proposed Waterloo & Fountain Sw Stations (DP 11027 & DP 11026) will sectionalize two long subtransmission lines (L3338 & L3341) and will provide a more reliable service to several distribution substations. The proposed line from Waterloo to Fountain is needed to provide additional capacity to meet the load growth in the area. Otherwise, for outage of L3338 between Valmeyer & Waterloo Muni, approx. 5 MW of load would have to be dropped to meet the minimum voltage requirements. See Waterloo Area Subtransmission Planning Study prepared by Quanta Technology (September, 2009).**ESTIMATED COST:**

		Estimated Cost		
	CBS Project W.O. #	2010	2011	Total
Substation		\$	\$	\$
Line		\$750,000	\$3,200,000	\$3,950,000
Total		\$750,000	\$3,200,000	\$3,950,000

**SUBMITTED BY:**

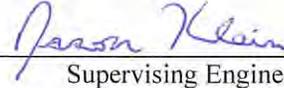
Engineer

Distribution System Planning

**APPROVED BY:**

Supervising Engineer

Distribution System Planning



Supervising Engineer

Energy Delivery IL Division VI

*By signing this document the parties agree that the project is needed by the in-service date indicated. Further, the parties agree to work with diligence to coordinate the schedule of their respective efforts to assure the total project comes together, as planned, including initiating necessary budget components, work documents, designs and materials, and construction resources in a manner that achieves overall project success by the then current, approved in-service date. Each party has responsibility for performing its part on time.*

cc:

Barud, J. P.

Curle, A. E.

Dodd, B. K.

Eberhart, G. R.

Eckelkamp, M. J.

Gregory, J. D.

Hipple, M. J.

Klein, J. S.

Koester, R. W.

Mellor, R. A.

Pate, R. D.

Shurlow, W. L.

Tatlock, M.

Tipsword, T. J.

Trelz, R. D.

Voypick, K. A.

Waddell, D. W.

Welton, R. E.

PROJECT NOTIFICATION  
Build Fountain-Waterloo 34/69 KV Line & tie to L. 3341A

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**DETAILS**

1. Build a 6 mile line between the proposed Waterloo & Fountain Switching Stations along HH Rd. The line should be built to 69 KV specifications, but will be operated at 34.5 KV. The recommended conductor for the line would have a normal summer rating of approximately 900 amps.
2. Build an additional one mile of double-circuit line from Fountain Sw Stn to the existing L3341A. The recommended conductor for the line would have a normal summer rating of approximately 900 amps. Install a Normally Open switch in L3341A.
3. Attached drawings shows the proposed lines in Waterloo area and the proposed switching stations tying all the lines.

**SPECIAL CONSIDERATIONS**

PROJECT NOTIFICATION  
Build Fountain-Waterloo 34/69 KV Line & tie to L. 3341A

**Proposed lines in Waterloo Area**

