



Project: UPG-2016-3 R6 and R33 Loop

Replace existing overhead conductor with #3/0 ACSR, and existing underground cable with #4/0 AL



Justification: There is #1/0 ACSR, #2 ACSR, and #2 Cu that limit the current carrying capacity along this route. By upgrading the overhead conductor to #3/0 ACSR, and the underground cable to #4/0 AL the entire line shares a balanced current carrying capacity. This will unify the Riverside Dr connection between R6 and R33 at a similar capacity.

Priority: ☐ High ☒ Medium ☐ Low

2016 Capital Cost Estimate

Construction Cost Estimate	—	\$100,000
Engineering	5%	\$5,000
Subtotal	—	\$105,000
Contingency	20%	\$21,000
Total Capital Cost Estimate	—	\$126,000

Notes: GST not included

Project: UPG-2016-4 R33 3/0 to 477

Replace #3/0 ACSR along Westminster Ave W from Rigsby St to Power St and along Power St from Westminster Ave to Wade Ave with #477 AAL



Justification: This is the main tie point between R6 and R33, R32 and R33, and R5 and R33. The #3/0 ACSR often reaches capacity during backup scenarios and should be upgraded to #477 AAL.

Priority: ☒ High ☐ Medium ☐ Low

2016 Capital Cost Estimate

Construction Cost Estimate	—	\$84,000
Engineering	6%	\$5,000
Subtotal	—	\$89,000
Contingency	20%	\$18,000
Total Capital Cost Estimate	—	\$107,000

Notes: GST not included