



Remove light standard

Sta 26+02-50' rt	1 ea
Sta 26+50-59' Lt	1 ea
Sta 26+77-30.5' rt	1 ea
Total	3 ea

Pull box

Sta 25+82-30.5' rt	1 ea
Sta 26+77-30.5' rt	1 ea
Total	2 ea

Relocate luminaire

From	To	Quantity
Sta 26+02-50' rt	Sta 25+99-51' rt	1 ea
Sta 26+50-59' Lt	Sta 26+51-53' Lt	1 ea
Sta 26+77-30.5' rt	Sta 26+73-30.5' rt	1 ea
Total		3 ea

Note B: The contractor shall locate the existing conduit at sta 26+77-30.5' rt and salvage a sufficient length to make the connection to the new pull box. The contractor shall be responsible for any damage to the existing conduit and shall replace any damaged conduit at his own expense.

Note A: The contractor shall locate the existing conduit at sta 25+82-30.5' rt. The contractor shall cut the conduit and install the pull box at sta 25+82-30.5' rt. Any existing conduit damaged by the contractor shall be replaced at his own expense.

Lighting layout  
6th Av SE (ND 1806) & 3rd St SE  
Mandan, ND

Station	Conduit runs		Cable trench	Cable runs	
	Length	Size	Length	Length	Type
22+13-30.5' rt to 25+82-30.5' rt	368' (A)	2"		1492' 746'	(4) No. 6 RHW (2) No. 6 THW
25+82-30.5' rt to 25+93-30.5' rt	11'	2"		22' 11'	(2) No. 6 RHW (1) No. 6 THW
25+93-30.5' rt to 25+99-51' rt	20'	2"		50' 25'	(2) No. 6 RHW (1) No. 6 THW
25+82-30.5' rt to 26+77-30.5' rt	94'	2"		190' 95'	(2) No. 6 RHW (1) No. 6 THW
26+73-30.5' rt to 26+77-30.5' rt	3'	2"		16' 8'	(2) No. 6 RHW (1) No. 6 THW
26+77-30.5' rt to 31+49-30.5' rt	471' (A)	2"		1904' 952'	(4) No. 6 RHW (2) No. 6 THW
25+82-30.5' rt to 25+82-33' lt	64'	2"		256' 128'	(4) No. 6 RHW (2) No. 6 THW
25+82-33' lt to 25+95-46' lt	18'	2"		72' 36'	(4) No. 6 RHW (2) No. 6 THW
25+95-46' lt to 25+95-54' lt			7'	72' 36'	(4) No. 6 RHW (2) No. 6 THW
25+95-54' lt to 26+00-54' lt			4'	30' 30' 30'	(2) No. 4 RHW (2) No. 6 RHW (2) No. 6 THW
26+00-54' lt to 26+49-54' lt	49'	2"		98' 98' 98'	(2) No. 4 RHW (2) No. 6 RHW (2) No. 6 THW
26+49-54' lt to 26+51-53' lt			1'	18' 9'	(2) No. 6 RHW (1) No. 6 THW
26+49-54' lt to 26+50-150' lt			96'	192' 96'	(2) No. 4 RHW (1) No. 6 THW

Quantities											
Pull box	Cable trench - type I	2" Dia rigid conduit	Underground conductor No. 4 - type RHW	Underground conductor No. 6 - type RHW	Underground conductor No. 6 - type THW	Relocate luminaire	Remove light standard				
EA	LF	LF	LF	LF	LF	EA	EA				
2	108	259	320	4220	2270	3	3				

Lighting quantities  
  
6th Av SE (ND 1806 &  
3rd St SE  
  
Mandan, ND