

Station	Conduit runs		Cable runs		Station	Conduit runs		Cable runs		FHWA REGION	STATE	PROJECT NO.	SHEET NO.
	Length	Size	Length	Type		Length	Size	Length	Type				
24+05-27' rt to 25+75-27' rt	169'	2"	176'	Loop lead-in [11,12]	28+70-27' lt to 26+69-27' lt	200'	2"	207'	Loop lead-in [3,4]	<b>8</b>	<b>ND</b>	HEU-1-806(032)069	<b>13</b>
10+39-23.5' rt to 11+00-23.5' rt = 26+47-150' rt to 26+50-45' rt	165'	1"	172'	Loop lead-in [7,8]	26+64-32' lt to 26+69-27' lt	6'	1.25"	30'	(2)12-2 conductor (A)	Note: The number in [brackets] indicates the loop to which this loop lead-in conductor is spliced.			
26+73-30.5' rt to 26+57-30.5' rt to 26+50-45' rt	31'	2"	37'	Cable 1	26+51-53' lt to 26+57-32' lt to 26+69-27' lt	34'	2"	40'	Cable 4				
26+57-39' rt to 26+50-45' rt	8'	1.25"	34'	(2)12-2 conductor (A)	26+57-32' lt to 26+51-38' lt to 25+75-38' lt	96'	2.5"	112'	Loop lead-in [1,2]	85'	12-2 conductor (B)	(B) Emergency vehicle indicator light conductor	
26+50-45' rt to 25+99-45' rt to 25+93-32' rt to 25+75-27' rt	83'	2.5"	90'	Loop lead-in [5,6]	25+75-38' lt	175'	1"	182'	Loop lead-in [15,16]	106'	Loop lead-in [3,4]	(C) Emergency vehicle detector cable	
25+99-51' rt to 25+93-32' rt to 25+75-27' rt	38'	2"	44'	Cable 2	14+74-23.5' lt to 14+00-23.5' lt = 26+01-150' lt to 26+01-48' lt	28'	1"	45'	Loop lead-in [13,14]	106'	Cable 4	Note: The internal wiring in the signal standard for the emergency vehicle pre-emption is included in the emergency vehicle indicator light conductor and the emergency vehicle detector cable quantities.	
25+93-36' rt to 25+93-32' rt to 25+75-27' rt	22'	1.25"	62'	(2)12-2 conductor (A)	25+87-38' lt to 25+75-38' lt	11'	2.5"	27'	Cable 3	39'	Loop lead-in [15,16]		
25+75-27' rt to 25+75-38' lt	64'	3.5"	74'	Loop lead-in [5,6]	25+88-35' lt to 25+75-38' lt	28'	2"	98'	(2) No. 6 RHW	71'	12-2 conductor (B)	Traffic signals Conduit and cable runs 6th Av SE (ND 1806) & 3rd St SE Mandan, ND	
			74'	Loop lead-in [7,8]	25+95-54' lt to 25+87-38' lt to 25+75-38' lt			49'	(1) No. 6 THW	71'	Detector cable (C)		
			80'	Loop lead-in [9,10]									
			74'	Loop lead-in [11,12]									
			74'	Cable 1									
			296'	(4)12-2 conductor (A)									
			148'	(2)12-2 conductor (B)									
			148'	(2)Detector cable (C)									

Quantities

	Concrete foundation - traffic signals	Pull box	1" Dia rigid conduit	1.25" Dia rigid conduit	2" Dia rigid conduit	2.5" Dia rigid conduit	3.5" Dia rigid conduit	Underground conductor No. 6 - type RHW	Underground conductor No. 6 - type THW	Detector loop - polyethylene conduit pre-wired	Loop lead-in conductor	Microloop double probe set	No. 12 AWG 2 conductor cable	No. 12 AWG 3 conductor cable	No. 12 AWG 5 conductor cable	No. 12 AWG 12 conductor cable	Saw slot	Type IV signal standard 24 foot mast arm	Combo 20 foot mast arm signal and light standard - type C	Combo 22 foot mast arm signal and light standard - type C	Combo 28 foot mast arm signal and light standard - type C	1-Way 3 section head with 12" lenses - post mounted	1-Way 3 section head with 12" lenses - mast arm mounted	1-Way 2 section head pedestrian signal - post mounted	Pedestrian push button post	Volume density controller w/ped timing and emer veh pre-emption	Emergency vehicle pre-emption unit	Revise highway lighting feed point															
	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF	EA	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA																
Sta 25+75-38' lt	1																									1																	
Sta 25+88-35' lt	1												24(A)	61(A)				1				1	1	2																			
Sta 25+93-36' rt																									1																		
Sta 25+95-54' lt																																											
Sta 25+99-51' rt	1												24(A)	92(A)					1		1	2	2																				
Sta 26+51-53' lt	1												24(A)	104(A)							1	1	2	2																			
Sta 26+57-39' rt																									1																		
Sta 26+64-32' lt																									1																		
Sta 26+73-30.5' rt	1												24(A)	57(A)					1			1	1	2																			
Var. locations		8	368	36	500	190	64	98	49	906	1515	8	778			486	285																										
Total	5	8	368	36	500	190	64	98	49	906	1515	8	778	96	314	486	285	1	1	1	1	4	6	8	3	1	1	1															

(A) Used for internal wiring of signal standards.

Traffic signals  
 Summary of quantities  
 6th Av SE (ND 1806) &  
 3rd St SE  
 Mandan, ND