



**LEGEND**  
 --- EXISTING EQUIPMENT  
 - - - PROPOSED EQUIPMENT

DMS DYNAMIC MESSAGE SIGN SITE  
 DET VEHICLE DETECTOR SITE  
 RM RAMP METER SITE

**LEGEND:**  
 1. THIS DRAWING DEPICTS THE FIBER OPTIC SPLICING DETAILS. FOR FIBER OPTIC CABLE INSTALLATION DETAILS, SEE SHEETS COMM-01 THRU COMM-52. FOR SURVEILLANCE EQUIPMENT INSTALLATION DETAILS, SEE SHEETS DET-01 THRU DET-47. FOR CCTV EQUIPMENT INSTALLATION DETAILS, SEE SHEETS CCTV-01 THRU CCTV-34.

PIGTAIL FIBER NO.	FUNCTION	APPLICATION DESCRIPTION	SURVEILLANCE CABINET 69	SURVEILLANCE CABINET 68	SURVEILLANCE CABINET 67	SURVEILLANCE CABINET 66	SURVEILLANCE CABINET 65	SURVEILLANCE CABINET 64	SURVEILLANCE CABINET 63	CABINET DMS-UPS-02	
1	IN TX	DATA CIRCUIT	R02-R04 18S	R03-R04 17N	R02-R04 13N	R03-R04 14S	R02-R04 10S	R03-R04 9N	R02-R04 5N		
2	IN RX		R02-R04 17S	R03-R04 18N	R02-R04 14N	R03-R04 13S	R02-R04 9S	R03-R04 10N	R02-R04 6N		
3	OUT RX		R02-R04 18N	R03-R04 17S	R02-R04 13S	R03-R04 14N	R02-R04 10N	R03-R04 9S	R02-R04 5S		
4	OUT TX		R02-R04 17N	R03-R04 18S	R02-R04 14S	R03-R04 13N	R02-R04 9N	R03-R04 10S	R02-R04 6S		
5		FUTURE	R02-R04 20S	R03-R04 19N	R02-R04 15N	R03-R04 16S	R02-R04 12S	R03-R04 11N	R02-R04 7N		
6			R02-R04 19S	R03-R04 20N	R02-R04 16N	R03-R04 15S	R02-R04 11S	R03-R04 12N	R02-R04 8N		
7			R02-R04 20N	R03-R04 19S	R02-R04 15S	R03-R04 16N	R02-R04 12N	R03-R04 11S	R02-R04 7S		
8			R02-R04 19N	R03-R04 20S	R02-R04 16S	R03-R04 15N	R02-R04 11N	R03-R04 12S	R02-R04 8S		
9	IN TX	DMS							R03-R04 25N		
10	IN RX									R03-R04 26N	
11	OUT RX									R03-R04 25S	
12	OUT TX									R03-R04 26S	

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REVISIONS	
NAME	DATE
REVISION 2	02/11/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)  
 31st STREET to I-57

FIBER OPTIC SCHEMATIC  
 (SHEET 2 OF 8)

SCALE: NTS  
 DATE: October 29, 2004

DRAWN BY: DH1  
 CHECKED BY: JEZ

COMM-63

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