



GENERAL

This project includes construction of new traffic signals at Arena Drive and Brightseat Road and Arena Drive at USAIR Arena entrance, also the Interconnect cables along Arena Drive between Brightseat Road and the existing traffic signal at Arena Drive and Lottsford Road. The interconnect project includes conduits under new pavement at the intersection of Arena Drive at proposed Ramps A and B and the intersection of Arena Drive at future Ramps C and D.

INTERSECTION OPERATION

The intersection of Arena Drive at Brightseat Road will operate in a NEMA (6) six phase fully traffic actuated mode with Arena Drive approaches operating concurrently with alternative pedestrian phase on the south side of the intersection and Brightseat Road approaches operating concurrently with exclusive/permissive left turns and alternative pedestrian phase on west side of the intersection.

A fully actuated traffic signal controller in base-mounted cabinet shall be installed at the intersection.

Brightseat Road is assumed to run in a North-South direction.

GENERAL NOTES

- CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- CONTRACTOR MUST VERIFY LOCATION OF ALL PROPOSED AND EXISTING UTILITIES PRIOR TO ANY WORK.
- THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
- ANY DAMAGE TO UTILITIES INCURRED DURING OR AS A RESULT OF THIS CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL TRAFFIC SIGNAL INSTALLATION WORK SHALL BE IN ACCORDANCE WITH THE 'SPECIFICATION AND STANDARDS FOR TRAFFIC CONTROL SIGNALS' OF THE PRINCE GEORGE'S COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION, SUPERCEDES JUNE 1992, REVISED OCTOBER 1995.
- THE CONTRACTOR SHALL INSTALL ALL CONDUITS PRIOR TO COMMENCING ANY PAVEMENT OPERATIONS.

DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION  
 PRINCE GEORGE'S COUNTY, MARYLAND

GENERAL INFORMATION  
 ARENA DRIVE @ BRIGHTSEAT ROAD

**RUMMEL, KLEPPER & KAHL**  
 CONSULTING ENGINEERS  
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 BALTIMORE, MARYLAND 21217  
 TELE: 410/728-2900 FAX: 410/728-2992

REVISIONS:  
 APPROVED: *Z.A.J.* DATE: 8/21/96  
 DESIGNED: Z.A.J.  
 DRAWN: Z.A.J.  
 CHECKED: 8/19/96 MPR  
 APPROVED: *John H. ...* DATE: 8/16/96

SCALE: 1"=20'  
 DWG. 142 OF 188  
 PROJECT NO. P-189-Z-172  
 ROAD NO. JOB NO.  
 FILE NO. TS-3415