

Attachment 5

NCTA TriEx & C540 ITS Summary

TRIANGLE EXPRESSWAY

1. CCTV Camera assembly	EA	4
2. CCTV Camera assembly with Lowering Device	EA	17
3. Full-size color front-access DMS assembly	EA	10
4. Roadway Weather Information System	EA	1
5. Mainline Microwave Radar Detection Station (1 sensor per direction) (1)	EA	22
6. Ramp Microwave Radar Detection Station (1 sensor per site) (1) (2)	EA	49
7. Trunkline Fiber (2x72f) and splice enclosures	MI	20.0
8. Trunkline Fiber (1x24f) and splice enclosures	MI	2.7
9. Trunkline Fiber (2x24f) and splice enclosures	MI	1.5
10. Trunkline Conduit (2x2") and junction boxes	MI	3.7
11. Trunkline Conduit (4x2") and junction boxes	MI	20.0
12. Drop Fiber (6f or 12f) and splice enclosures/termination panels	MI	5.0
13. Drop Conduit (2x2") and junction boxes	MI	5.0
14. Electrical service meter bases (combination panels)	EA	96
15. TMS 100Mbs Ethernet Edge Switch (3)	EA	76
16. Electronic Wrong-Way sign	EA	12
17. Dell ITS host at STOC	EA	1
18. TMS/RTCS Workstations at STOC (with 2x24" monitors ea.)	EA	4
19. TMS/RTCS Workstations at Transp. Bldg. (with 2x50" monitors ea.)	EA	2
20. TMS/RTCS Workstations at CSC (with 2x24" monitors ea.)	EA	1
21. TMS Laptop	EA	1
22. STOC Printer/Copier and consumables	EA	1
23. Pelco Joysticks	EA	4
24. Video Wall - 67" Mitsubishi DLP Monitor	EA	30
25. Video Wall - Activu display servers, control server and software	EA	1.0

MORRISVILLE PARKWAY INTERCHANGE

1. CCTV Camera assembly with Lowering Device	EA	1
2. Ramp Microwave Radar Detection Station (1 sensor per site) (1)	EA	4
3. Drop Conduit (4x3") and junction boxes	MI	0.32
4. Drop Fiber (6f or 12f) and splice enclosures/termination panels	MI	0.42
5. Drop Conduit (2x2") and junction boxes	MI	0.244
6. TMC 100Mbs/1Gbs Ethernet Edge Switch (3)	EA	2
7. Electrical service meter bases (combination panels)	EA	1.0

COMPLETE 540

1. CCTV Camera assembly with Lowering Device	EA	25
2. Full-size color front-access DMS assembly	EA	9
3. Roadway Weather Information System	EA	1
4. Mainline Microwave Radar Detection Station (1 sensor per direction) (1)	EA	12
5. Ramp Microwave Radar Detection Station (1 sensor per site) (1)	EA	30
6. Trunkline Fiber (2x144f) and splice enclosures	MI	20.0
7. Trunkline Conduit (4x2") and junction boxes	MI	20.0
8. Drop Fiber (6f or 12f) and splice enclosures/termination panels	MI	6.0
9. Drop Conduit (2x2") and junction boxes	MI	6.0
10. Electrical service meter bases (combination panels)	EA	50.0
11. TMS 100Mbs/1Gbs Ethernet Edge Switch (3)	EA	46.0

NOTES:

- (1) Includes composite cable to sites across mainline/interchange
- (2) 1 site has 2 sensors
- (3) Replacement switches to be supplied and configured by NCDOT IT but installed by Contractor