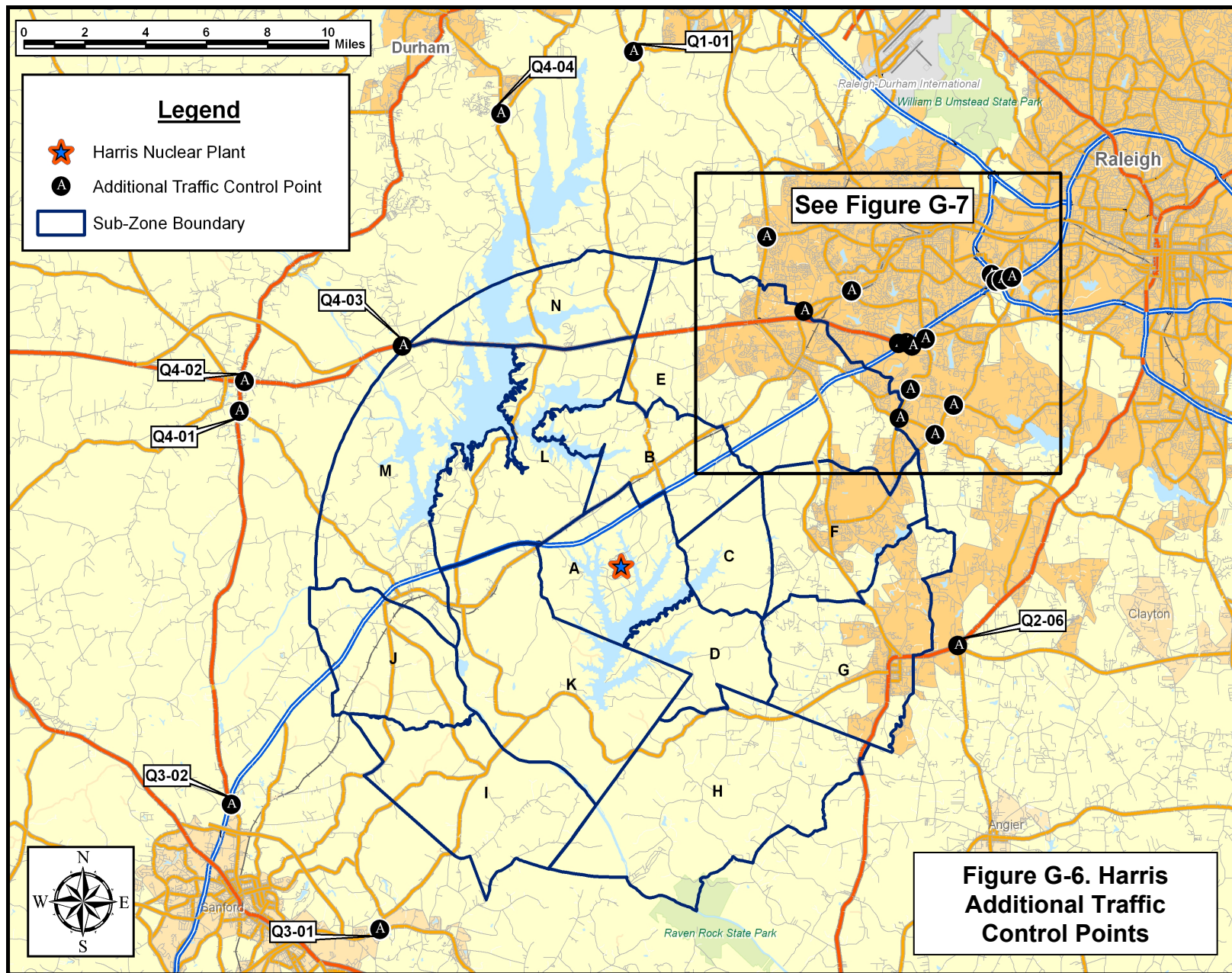
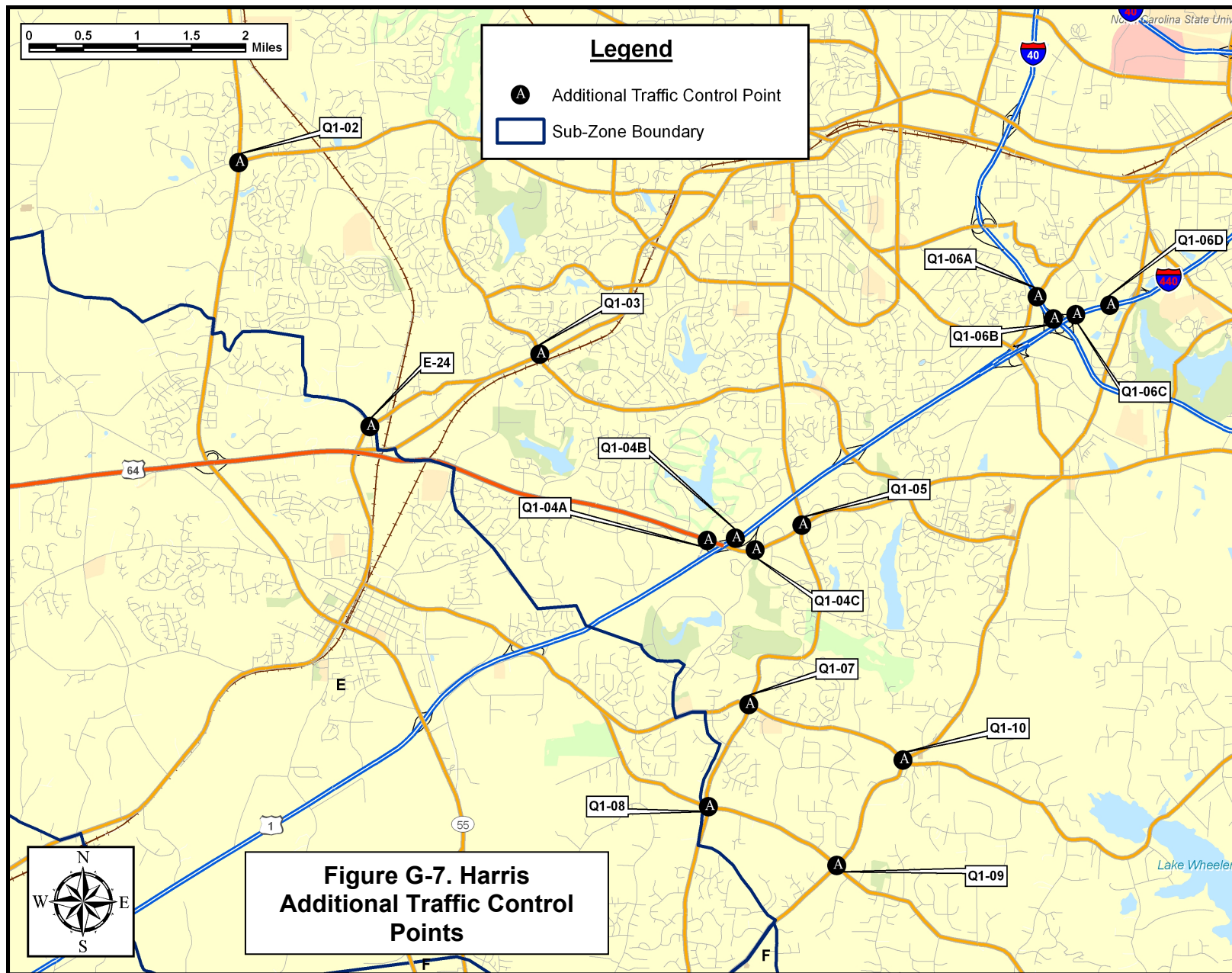


Additional Traffic Control Points

The following section provides additional Traffic Control Points (TCP) to discourage access to the Harris Nuclear Plant EPZ. These TCP use barricades rather than cones in an effort to more strongly coerce approaching traffic and divert them away from risk. These points should be used in conjunction with the Security Road Blocks (SRB) detailed in the existing county plans.

Figure G-6 provides an overview of the location of all the additional TCP, while Figure G-7 provides a view of the additional TCP within Wake County. Table G-2 summarizes the manpower and equipment needed for the additional TCP. Pages G-94 through G-116 provide detailed schematics of the intersections and of the traffic control actions to be taken.



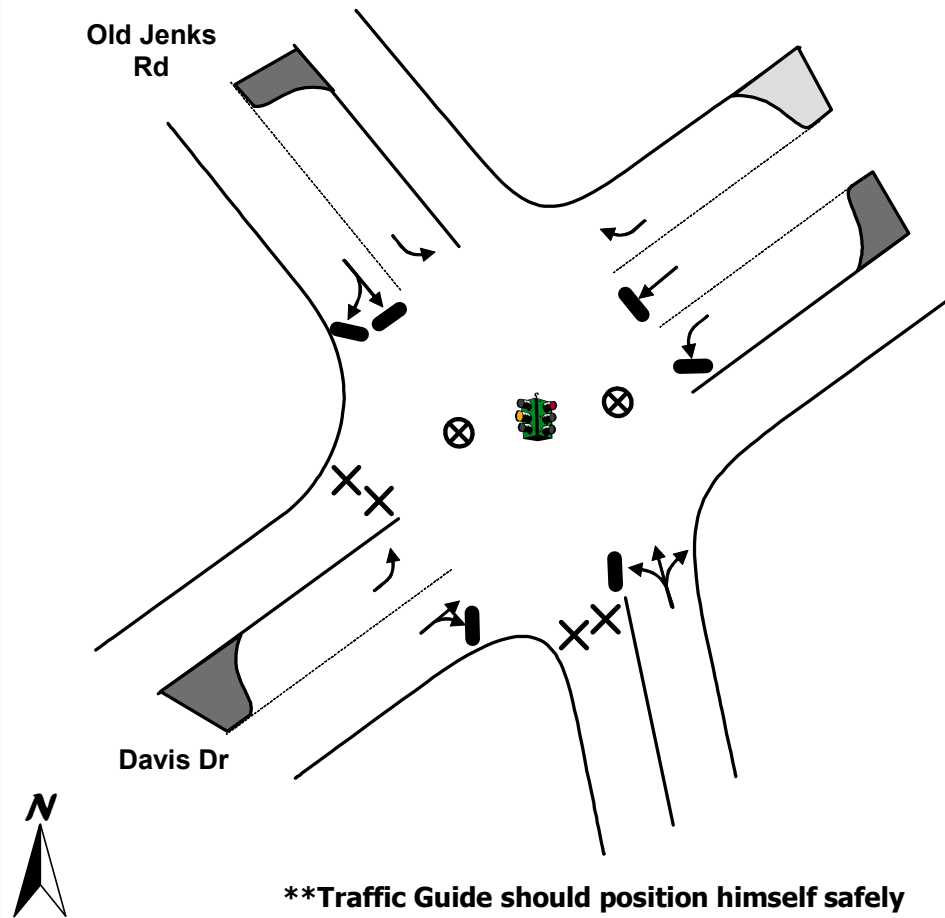


**Figure G-7. Harris
Additional Traffic Control
Points**

Table G-2. Summary of Additional Traffic Control Points					
TCP ID	Town	Intersection Location	Priority	# of Guides	# of Barricades
CHATHAM COUNTY					
Q4-02	Pittsboro	US Highway 64 & US Highway 501/15	1	1	4
Q4-01	Pittsboro	US Highway 15 & Moncure Pittsboro Rd	2	1	2
Q4-03	Pittsboro	US Highway 64 & Mt. Gilead Church Rd	2	2	8
Q4-04	Chapel Hill	Farrington Rd & Old Farrington Rd	3	1	2
Total Equipment/Manpower for Chatham County:				5	16
DURHAM COUNTY					
Q1-01	Chapel Hill	State Highway 751 & Fayetteville Rd	3	1	2
Total Equipment/Manpower for Durham County:				1	2
LEE COUNTY					
Q3-02	Sanford	Hawkins Ave & US Highway 1 (N) Ramp	2	2	2
Q3-01	Sanford	State Highway 42 & Broadway	3	1	2
Total Equipment/Manpower for Lee County:				3	4
WAKE COUNTY					
Q1-02	Upchurch	State Highway 55 & High House Rd	1	3	10
Q1-04A	Apex	US Highway 64 & US Highway (S) Access Ramps	1	2	10
Q1-04B	Apex	US Highway 1 (S) - Exit for US Highway 64 (W)	1	2	8
Q1-04C	Apex	US Highway 64 & Regency Parkway	1	4	10
Q1-06A	Cary	Interstate 40 East, Exit 293A	1	1	4
Q1-06B	Cary	Interstate 40 West, Exit 293A	1	1	4
Q1-06C	Cary	US Highway 1 Southbound, Exit 1A	1	1	4
Q1-06D	Cary	US Highway 1 Southbound, Exit for Interstate 40	1	1	8
Q1-05	Apex	Tryon Rd & Kildaire Farm Rd	2	3	10
Q1-07	Apex	Kildaire Farm Rd & Penny Rd	2	1	6
Q1-08	Apex	Kildaire Farm Rd & Ten-Ten Rd	2	2	6
Q2-06	Fuquay-Varina	US Highway 401/STHY 42 & STHY 55	2	2	6
E-24	Apex	Davis Dr & Old Jenks Rd	3	2	4
Q1-03	Apex	SW Cary Parkway & Old Apex Rd	3	2	4
Q1-09	Apex	Ten-Ten Rd & Holly Springs Rd	3	1	4
Q1-10	Apex	Holly Springs Rd & Penny Rd	3	1	4
Total Equipment/Manpower for Wake County:				29	102

TCP

TOWN: APEX
LOCATION: Davis Dr & Old Jenks Rd
TCP ID: E-24
SUB-ZONE: E



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMP)
- 4 PER LANE (FREEWAY AND RAMP)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert southbound traffic on Old Jenks Rd
2. Interdict and divert southbound traffic on Davis Dr

MANPOWER/EQUIPMENT ESTIMATE

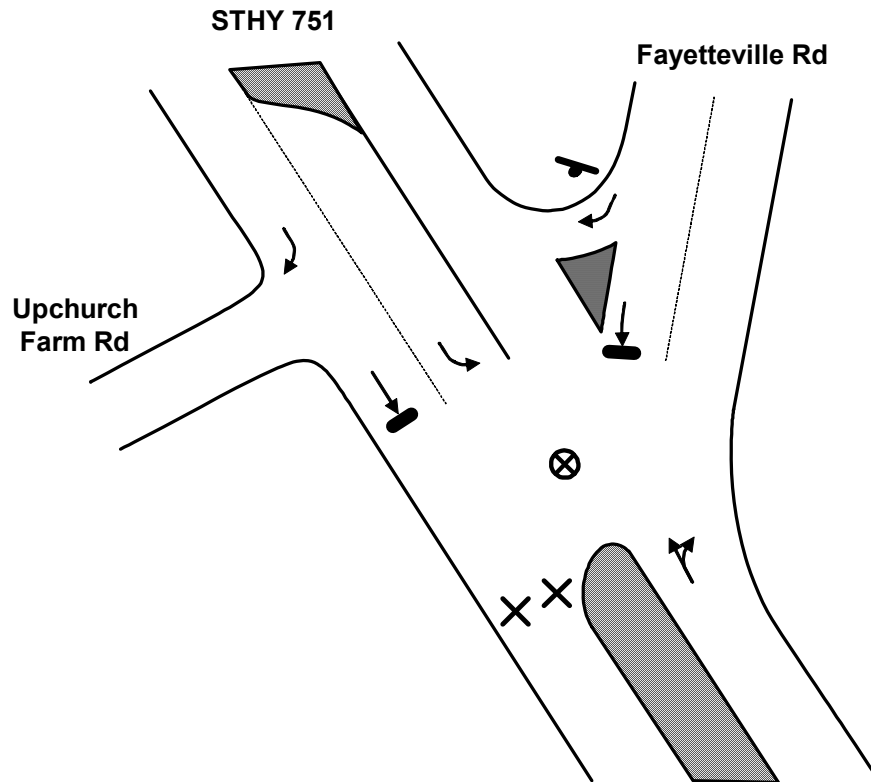
- 2 Traffic Guide(s)
- 4 Traffic Barricades

LOCATION PRIORITY

3

TCP

TOWN: CHAPEL HILL
LOCATION: State Highway 751 & Fayetteville Rd
TCP ID: Q1-01



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- × TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

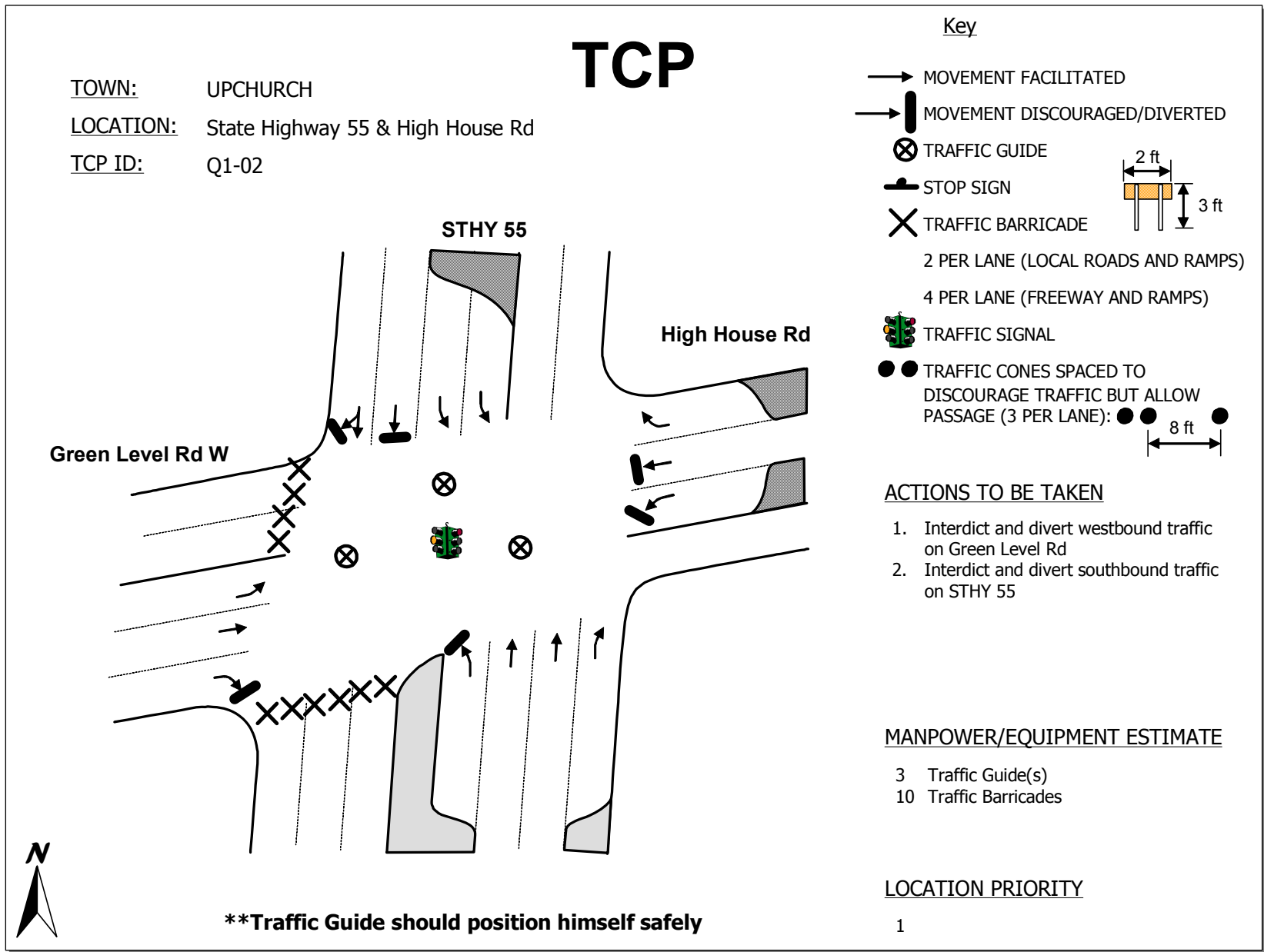
1. Interdict and divert southbound traffic on STHY 751

MANPOWER/EQUIPMENT ESTIMATE

- 1 Traffic Guide(s)
- 2 Traffic Barricades

LOCATION PRIORITY

3

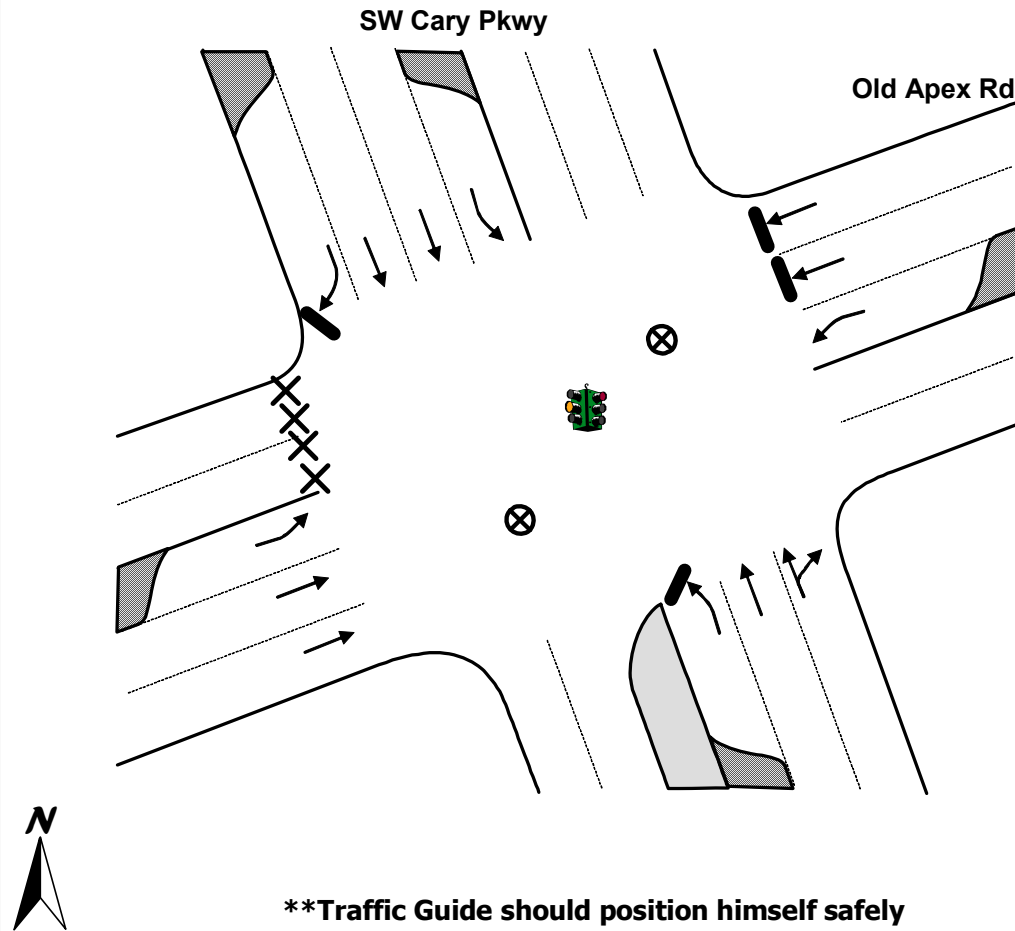


TCP

TOWN: APEX

LOCATION: Southwest Cary Parkway & Old Apex Rd

TCP ID: Q1-03



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert westbound traffic on Old Apex Rd

MANPOWER/EQUIPMENT ESTIMATE

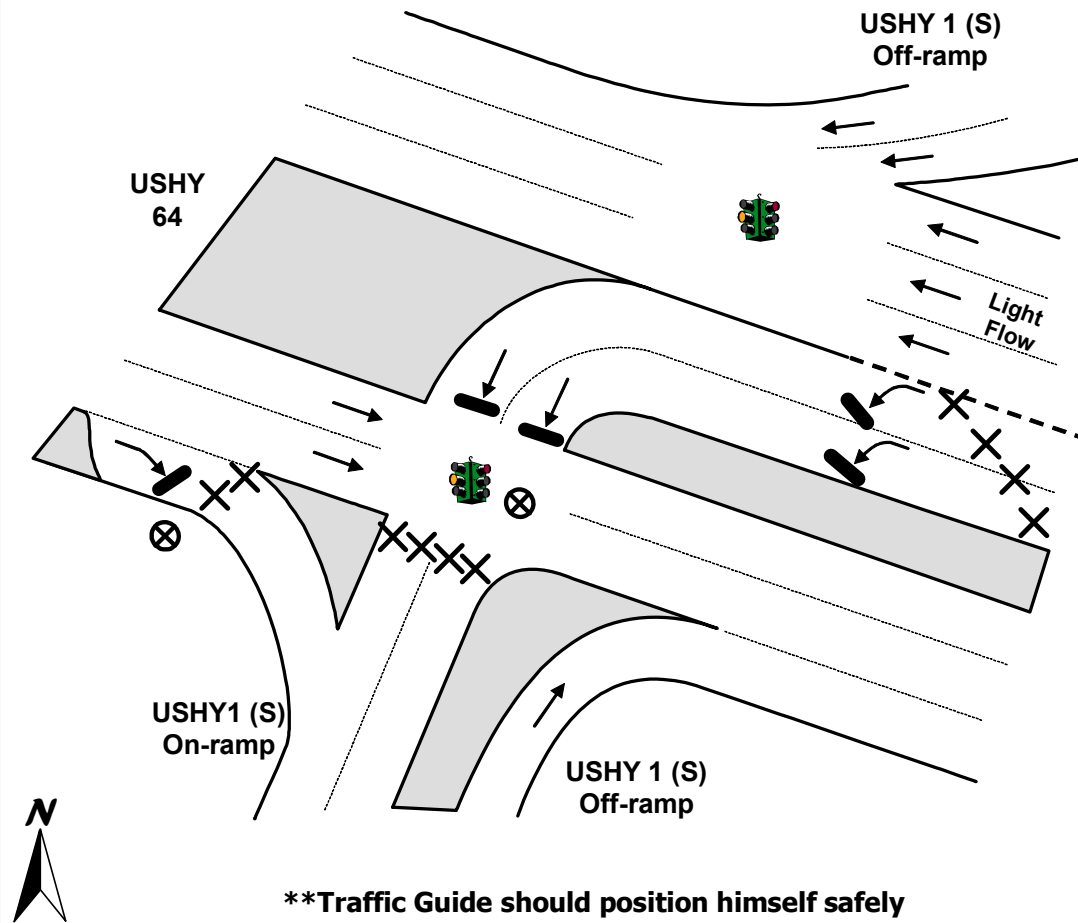
- 2 Traffic Guide(s)
- 4 Traffic Barricades

LOCATION PRIORITY

3

TCP

TOWN: APEX
LOCATION: U.S. Highway 64 & U.S. Highway 1 (South) Access Ramps
TCP ID: Q1-04A



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- × TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMP)
- 4 PER LANE (FREEWAY AND RAMP)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

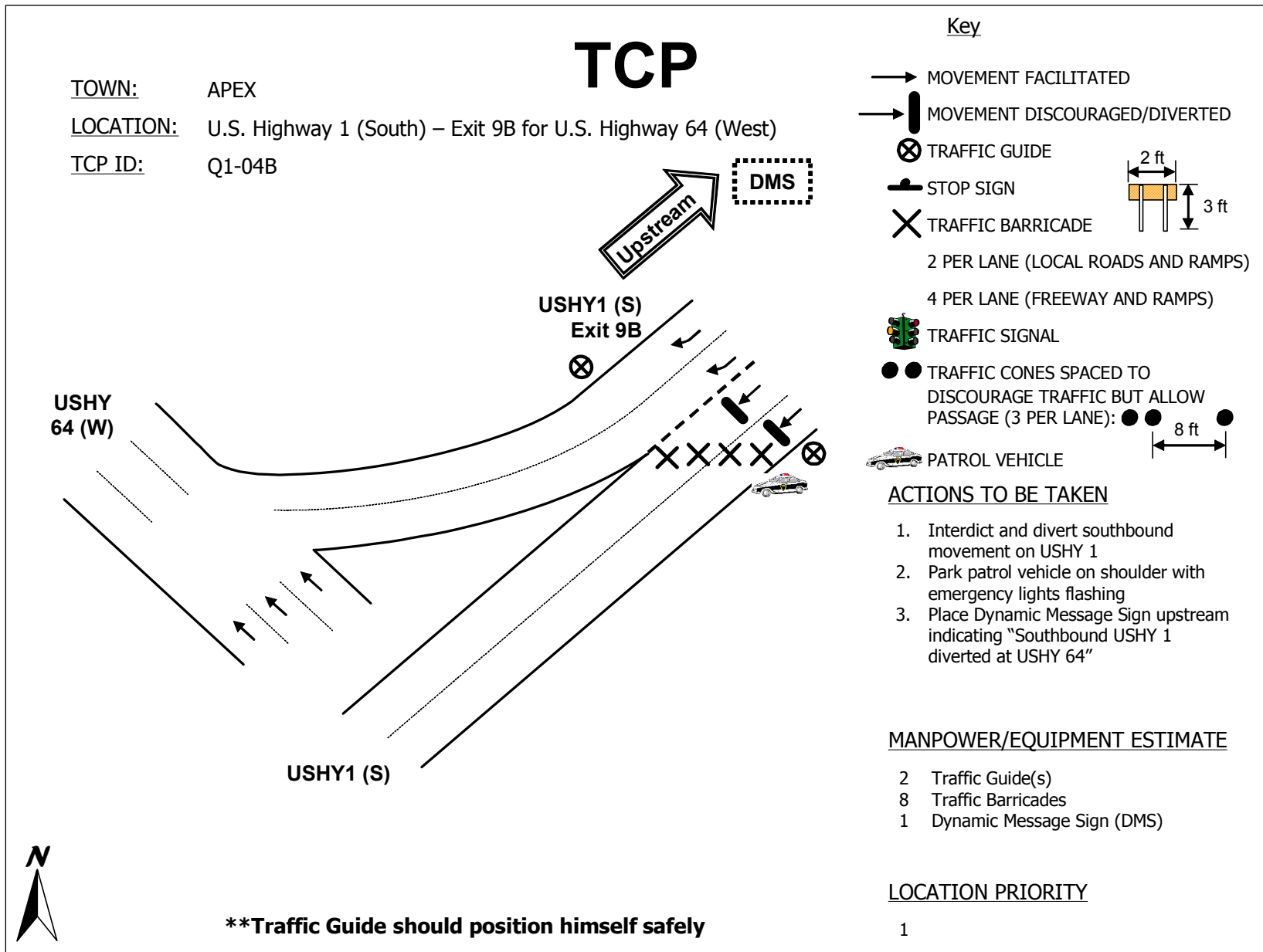
1. Interdict and divert access to southbound USHY 1

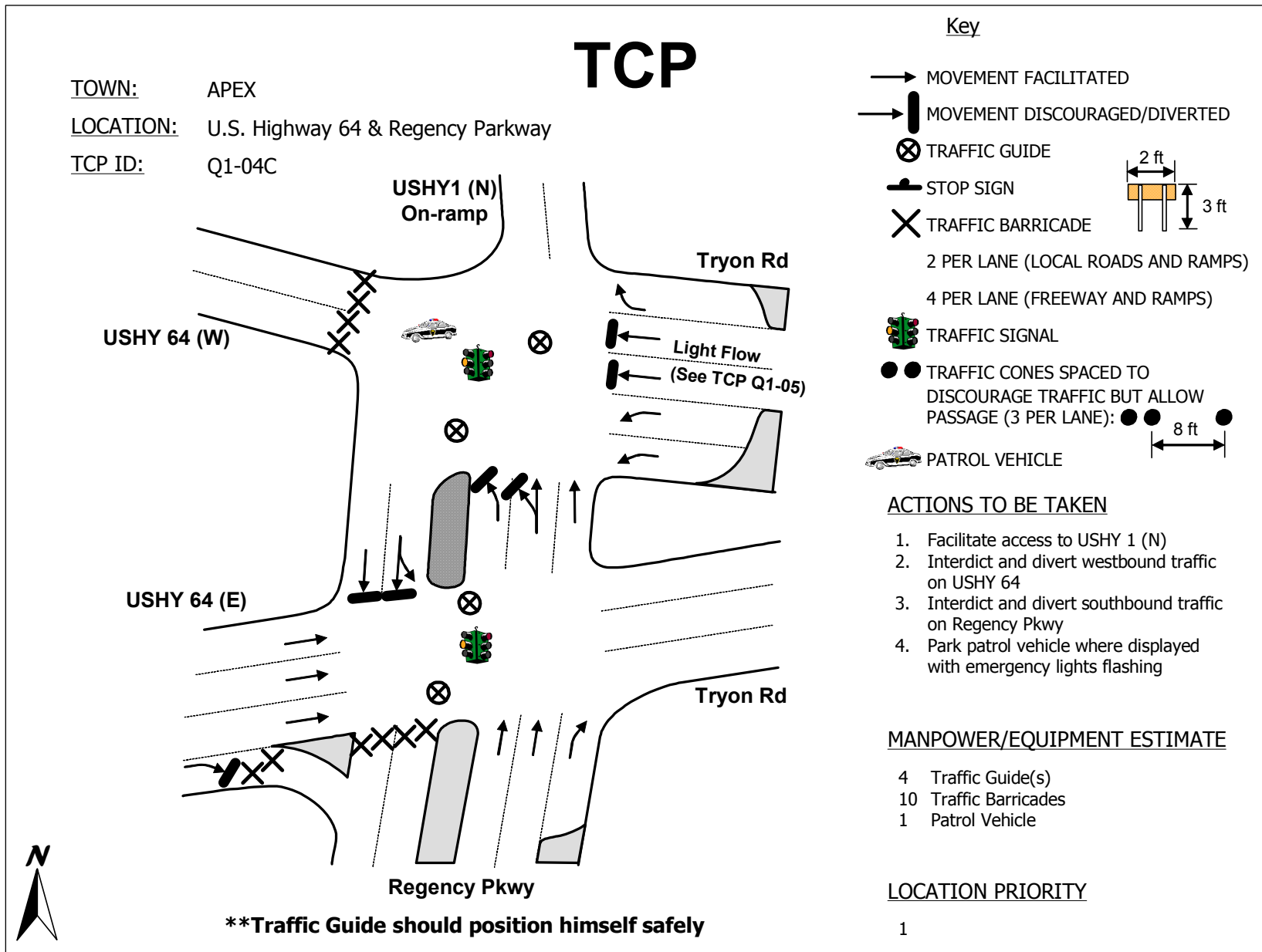
MANPOWER/EQUIPMENT ESTIMATE

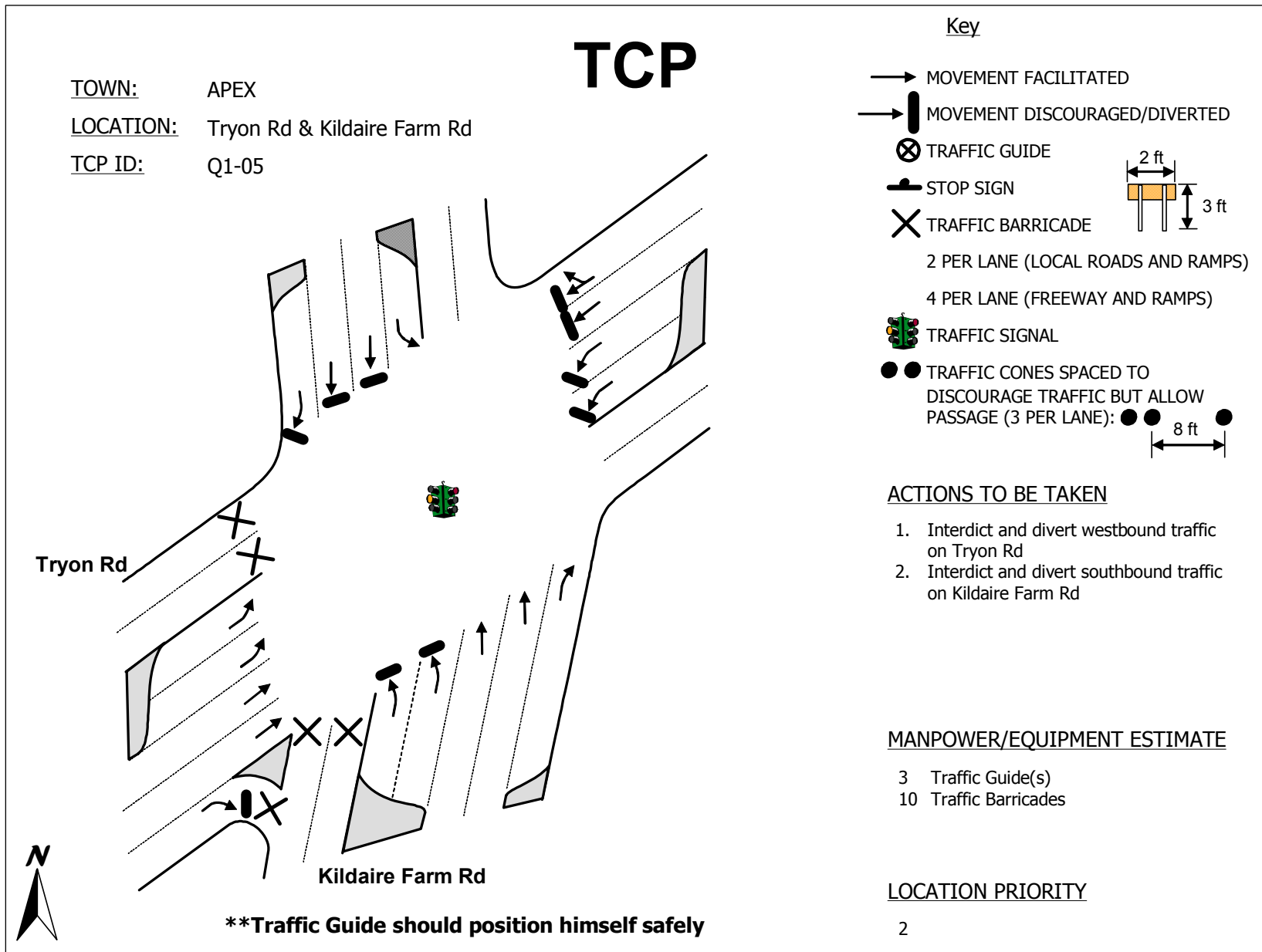
- 2 Traffic Guide(s)
- 10 Traffic Barricades

LOCATION PRIORITY

1

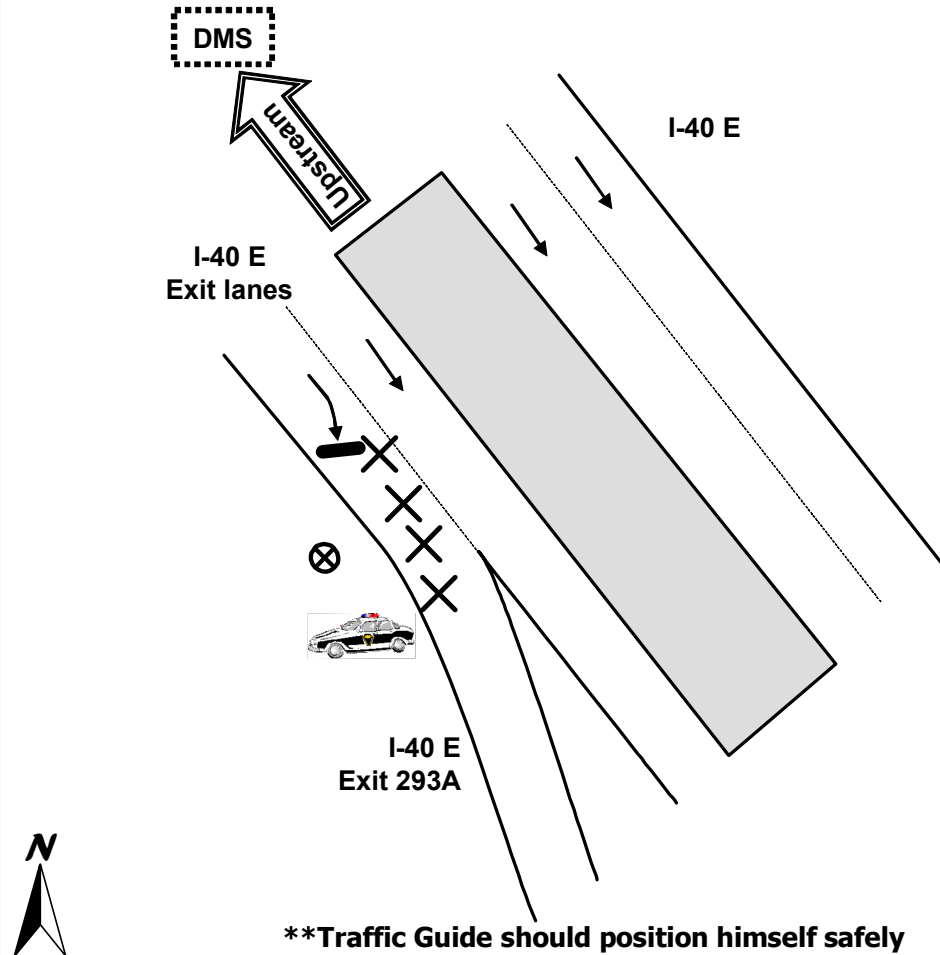






TCP

TOWN: CARY
LOCATION: I-40 East, Exit 293A
TCP ID: Q1-06A



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● ● 8 ft
- PATROL CAR

ACTIONS TO BE TAKEN

1. Interdict and divert traffic using exit 293A
2. Park police vehicle in shoulder with lights flashing
3. Position Dynamic Message Sign upstream on I-40 eastbound indicating "Exit 293A Closed Ahead"

MANPOWER/EQUIPMENT ESTIMATE

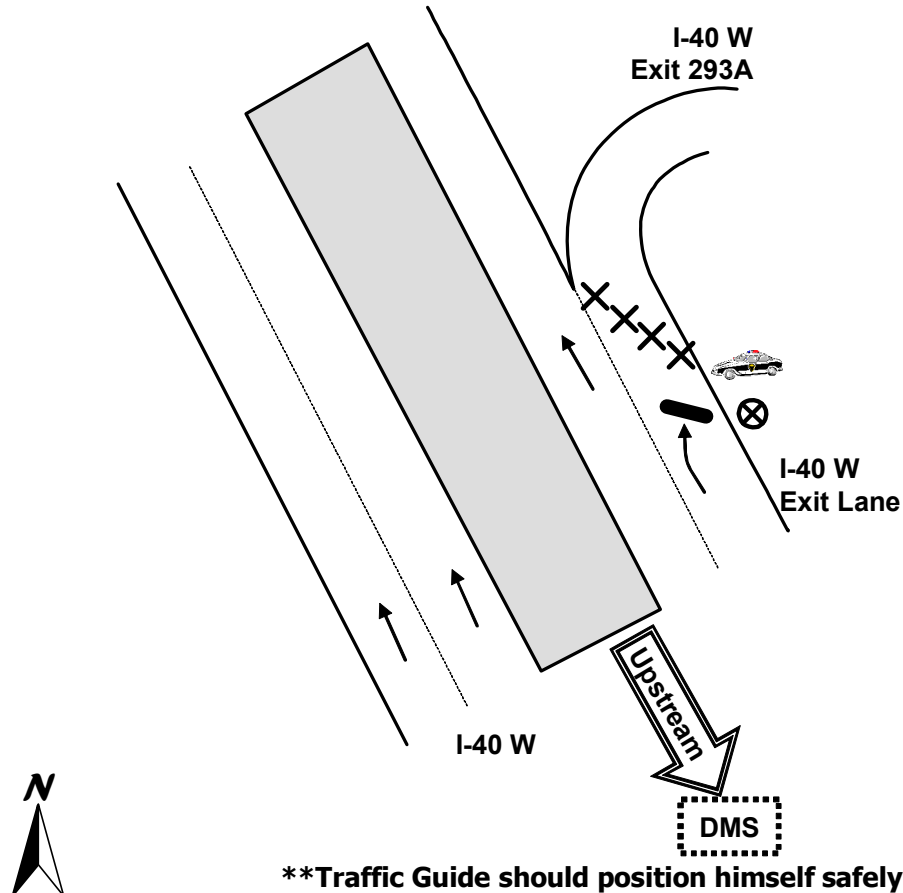
- 1 Traffic Guide(s)
- 4 Traffic Barricades
- 1 Dynamic Message Sign (DMS)

LOCATION PRIORITY

1

TCP

TOWN: CARY
LOCATION: I-40 West, Exit 293A
TCP ID: Q1-06B



Key

- MOVEMENT FACILITATED
- | MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● ● 8 ft
- PATROL VEHICLE

ACTIONS TO BE TAKEN

1. Interdict and divert traffic using exit 293A
2. Park patrol vehicle on shoulder with emergency lights flashing
3. Position Dynamic Message Sign upstream on I-40 westbound indicating "Exit 293A Closed Ahead"

MANPOWER/EQUIPMENT ESTIMATE

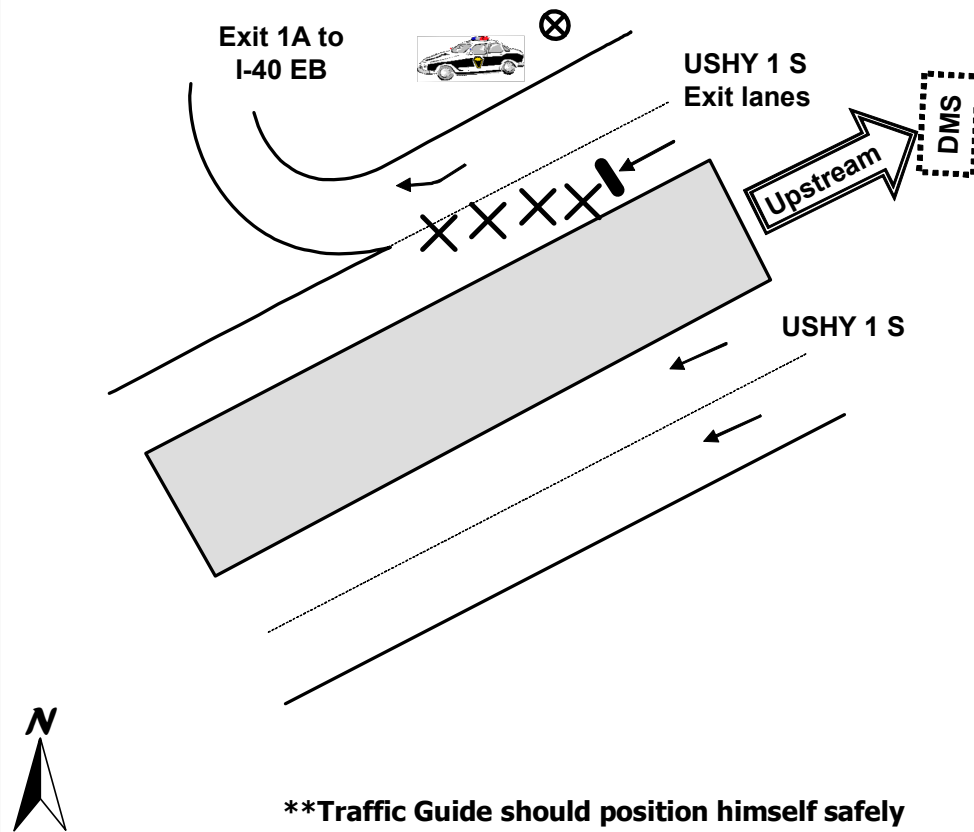
- 1 Traffic Guide(s)
- 4 Traffic Barricades
- 1 Dynamic Message Sign (DMS)

LOCATION PRIORITY

1

TCP

TOWN: CARY
LOCATION: U.S. Highway 1 Southbound, Exit 1 A for I-40 Eastbound
TCP ID: Q1-06C



Key

- MOVEMENT FACILITATED
- | MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- ▬ STOP SIGN
- × TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMP)
- 4 PER LANE (FREEWAY AND RAMP)
- 🚦 TRAFFIC SIGNAL
- TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ●● 8 ft
- 🚓 PATROL CAR

ACTIONS TO BE TAKEN

1. Interdict and discourage southbound movement on USHY 1
2. Position Dynamic Message Signs upstream indicating "USHY 1 Southbound is diverted at I-40"
3. Park patrol car in shoulder with lights flashing

MANPOWER/EQUIPMENT ESTIMATE

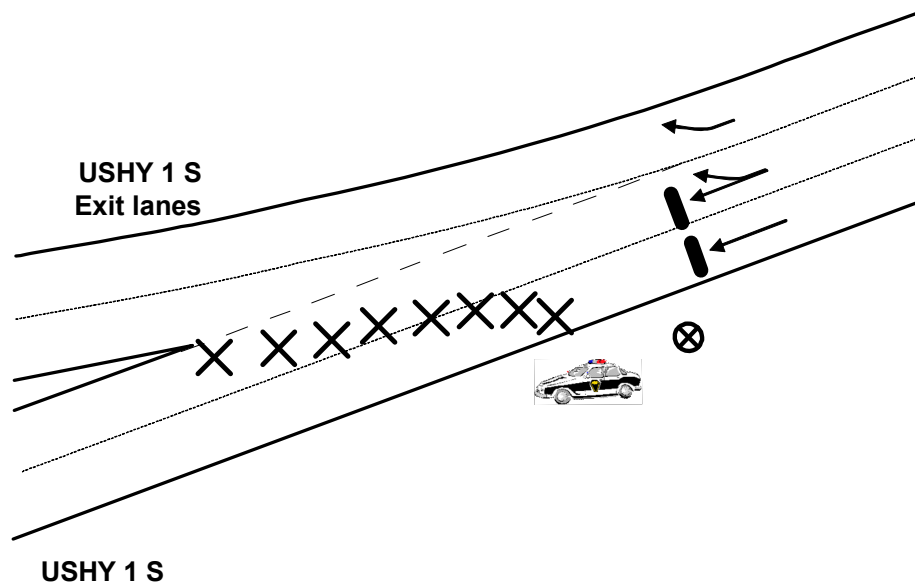
- 1 Traffic Guide(s)
- 4 Traffic Barricades
- 1 Dynamic Message Sign (DMS)

LOCATION PRIORITY

1

TCP

TOWN: CARY
LOCATION: U.S. Highway 1 South, Exit for I-40
TCP ID: Q1-06D



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- × TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft
- PATROL CAR

ACTIONS TO BE TAKEN

1. Interdict and divert southbound traffic on USHY 1
2. Position Dynamic Message Sign upstream on USHY 1 indicating "Southbound traffic is diverted at I-40"
3. Park patrol car on shoulder with lights flashing

MANPOWER/EQUIPMENT ESTIMATE

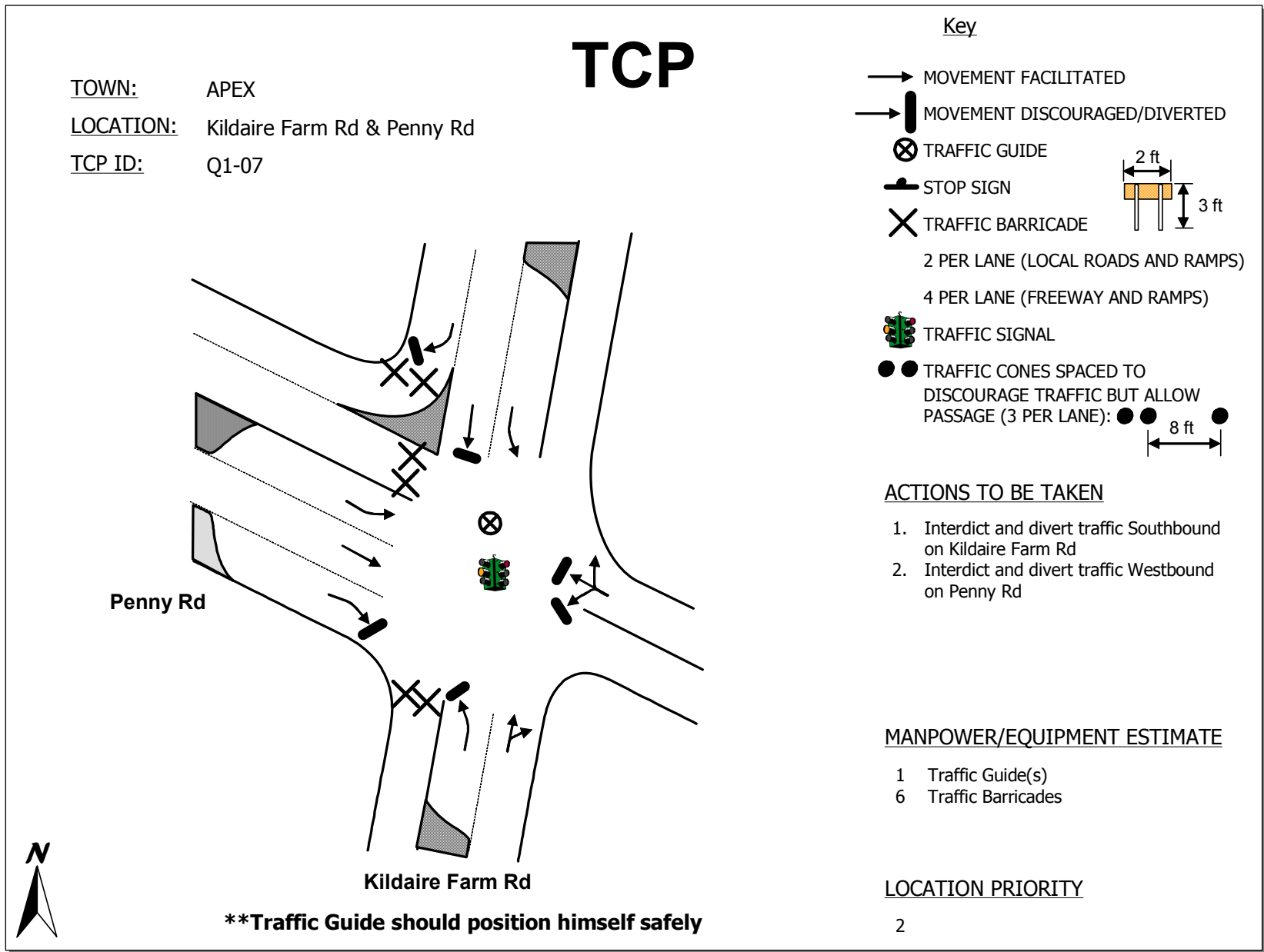
- 1 Traffic Guide(s)
- 8 Traffic Barricades
- 1 Dynamic Message Sign (DMS)

LOCATION PRIORITY

1

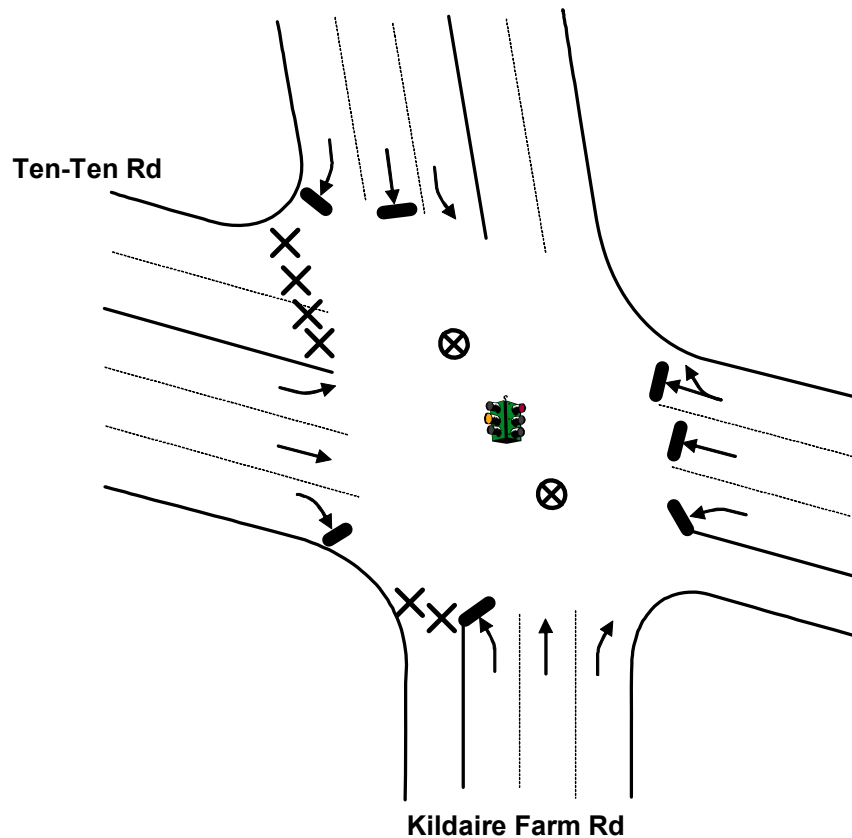


****Traffic Guide should position himself safely**



TCP

TOWN: APEX
LOCATION: Kildaire Farm Rd & Ten-Ten Rd
TCP ID: Q1-08



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert westbound movement on Ten-Ten Rd
2. Interdict and divert southbound movement on Kildaire Farm Rd

MANPOWER/EQUIPMENT ESTIMATE

- 2 Traffic Guide(s)
- 6 Traffic Barricades

LOCATION PRIORITY

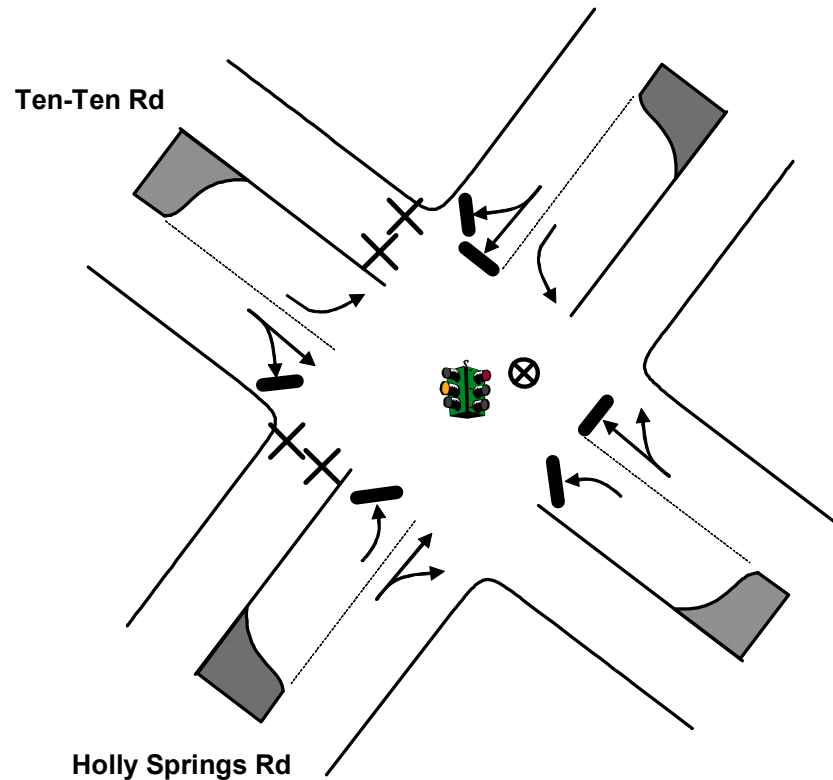
2

TCP

TOWN: APEX

LOCATION: Ten-Ten Rd & Holly Springs Rd

TCP ID: Q1-09



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert westbound movement on Ten-Ten Rd
2. Interdict and divert southbound movement on Holly Springs Rd

MANPOWER/EQUIPMENT ESTIMATE

- 1 Traffic Guide(s)
- 4 Traffic Barricades

LOCATION PRIORITY

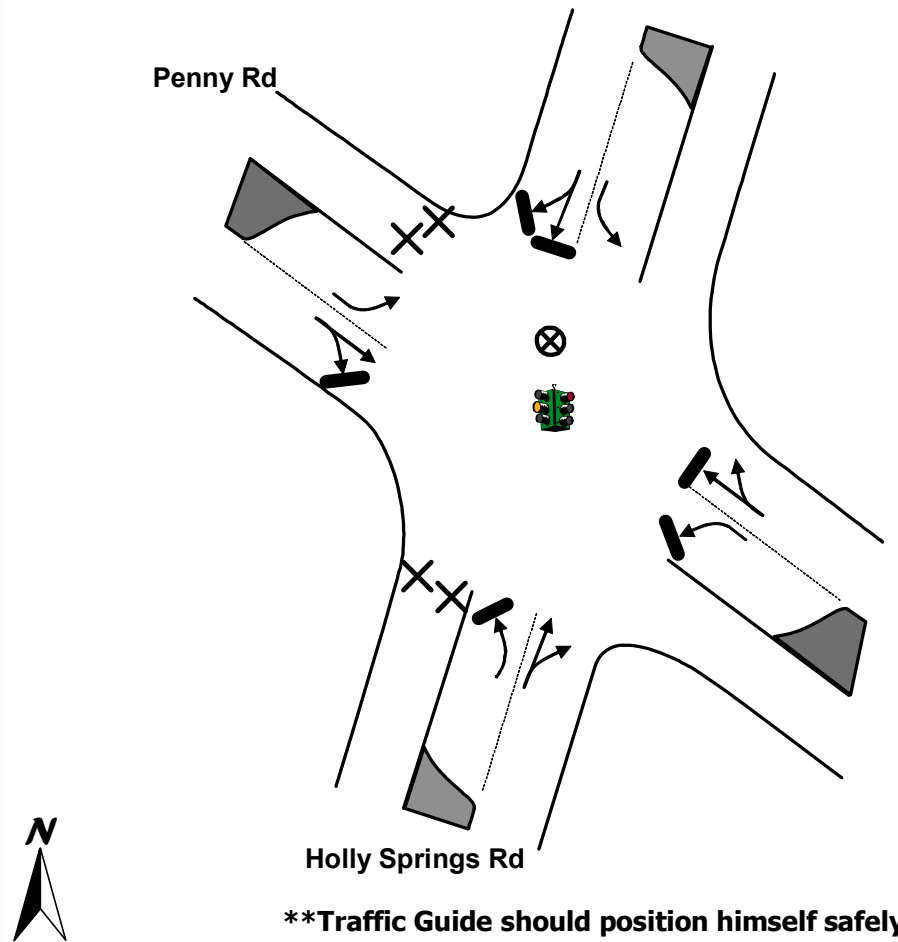
3

TCP

TOWN: APEX

LOCATION: Holly Springs Rd & Penny Rd

TCP ID: Q1-10



Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert westbound movement on Penny Rd
2. Interdict and divert southbound movement on Holly Springs Rd

MANPOWER/EQUIPMENT ESTIMATE

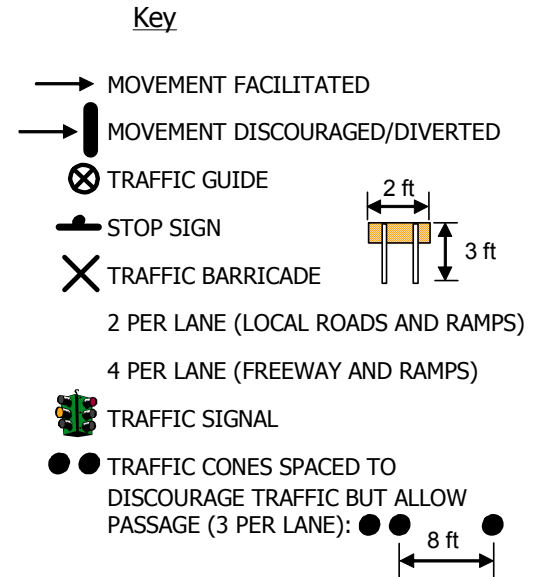
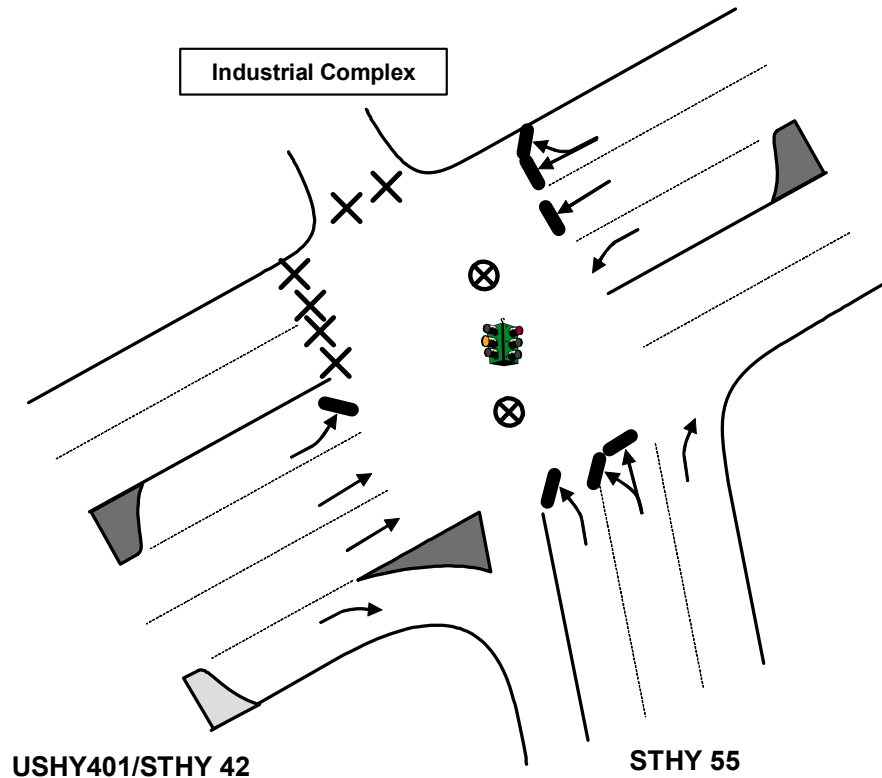
- 1 Traffic Guide(s)
- 4 Traffic Barricades

LOCATION PRIORITY

3

TOWN: FUQUAY-VARINA
LOCATION: U.S. Highway 401/ STHY 42 & State Highway 55
TCP ID: Q2-06

TCP



ACTIONS TO BE TAKEN

1. Interdict and divert westbound movement on USHY 401/ STHY 42

MANPOWER/EQUIPMENT ESTIMATE

- 2 Traffic Guide(s)
- 6 Traffic Barricades

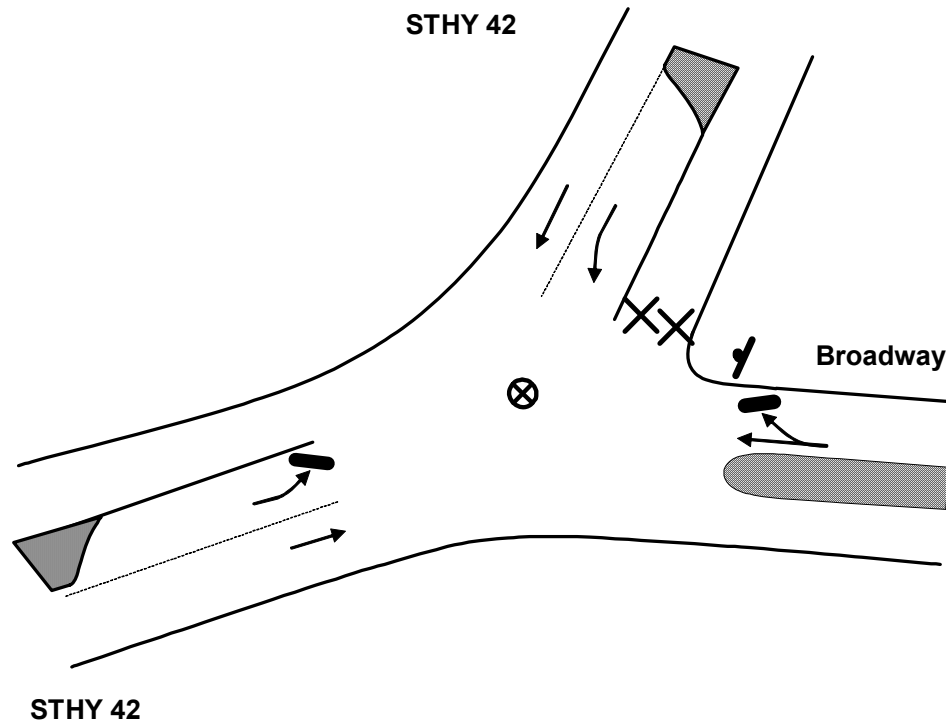
LOCATION PRIORITY

2

****Traffic Guide should position himself safely**

TCP

TOWN: Sanford
LOCATION: State Highway 42 & Broadway
TCP ID: Q3-01



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- | MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- ⊥ STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMP)
- 4 PER LANE (FREEWAY AND RAMP)
- 🚦 TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert eastbound traffic on STHY 42

MANPOWER/EQUIPMENT ESTIMATE

- 1 Traffic Guide(s)
- 2 Traffic Barricades

LOCATION PRIORITY

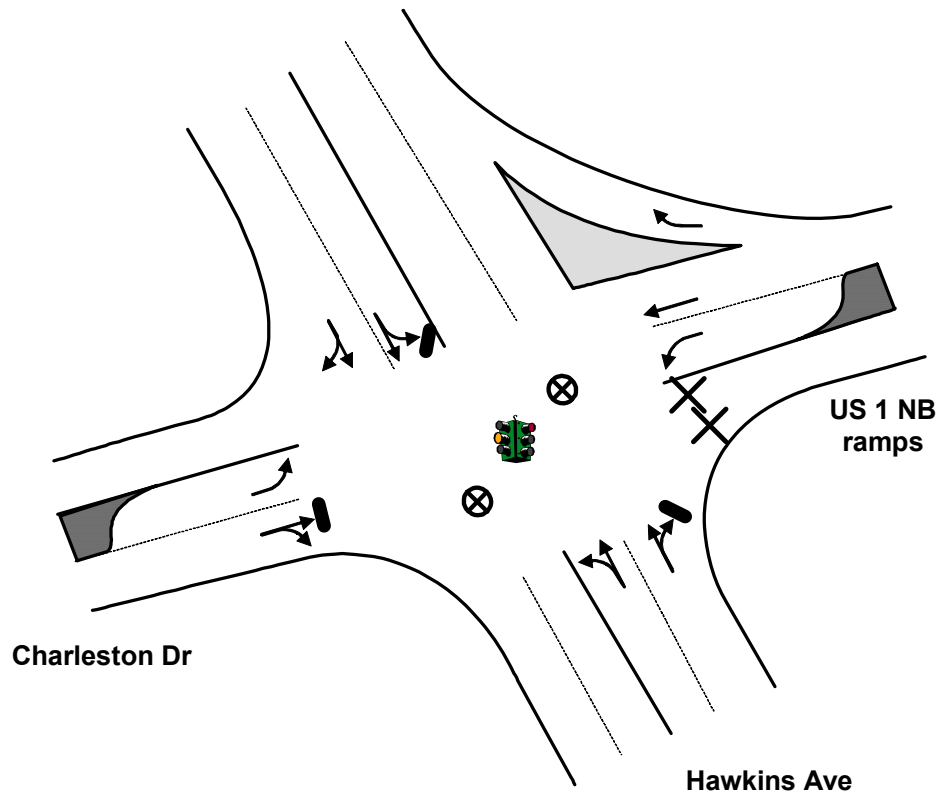
3

TCP

TOWN: Sanford

LOCATION: Hawkins Ave & US Highway 1 (N) Access Ramp

TCP ID: Q3-02



Charleston Dr

US 1 NB
ramps

Hawkins Ave



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- × TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● ● 8 ft

ACTIONS TO BE TAKEN

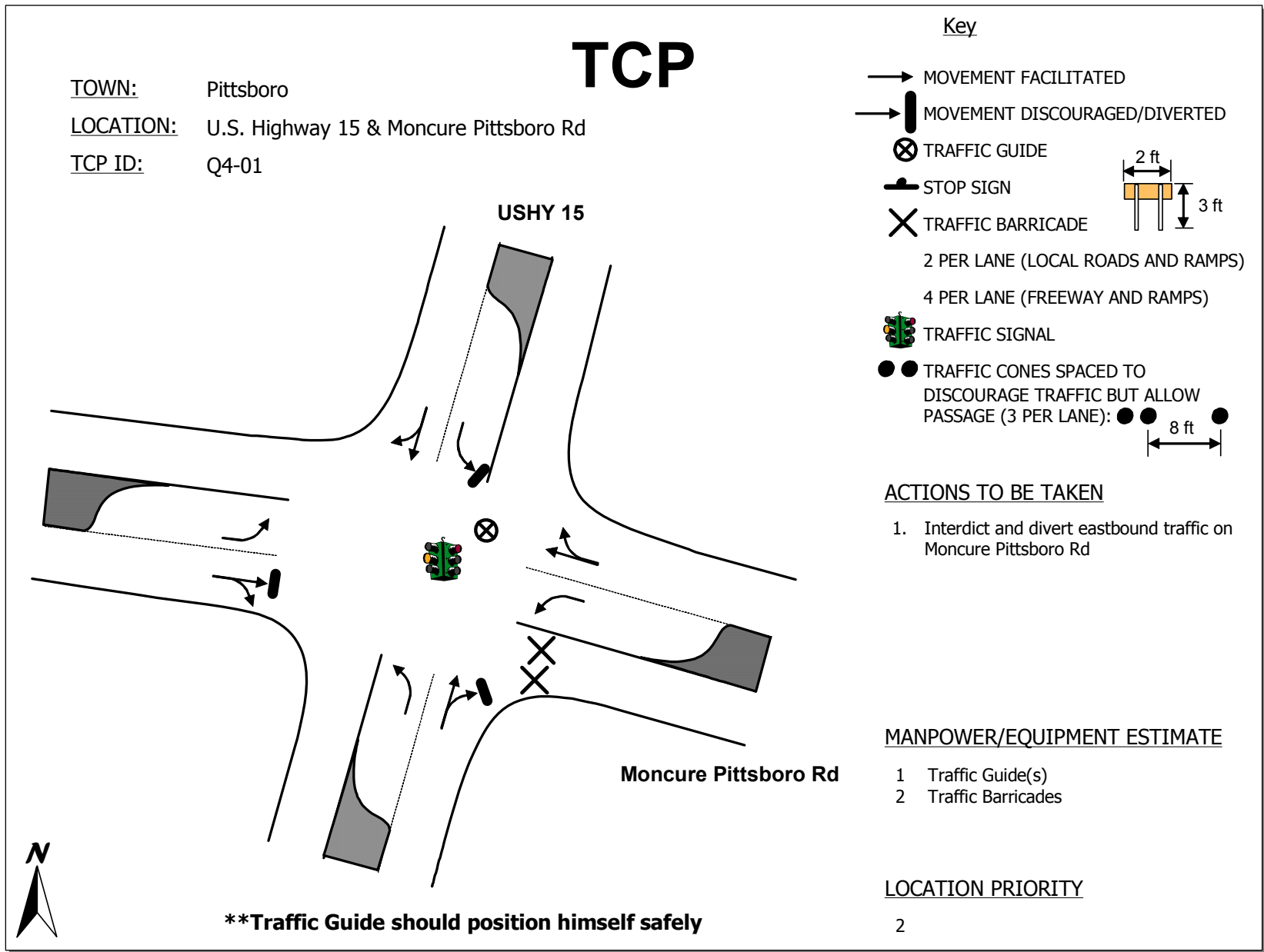
1. Interdict and divert traffic accessing US Highway 1 northbound.

MANPOWER/EQUIPMENT

- 2 Traffic Guide(s)
- 2 Traffic Barricades

LOCATION PRIORITY

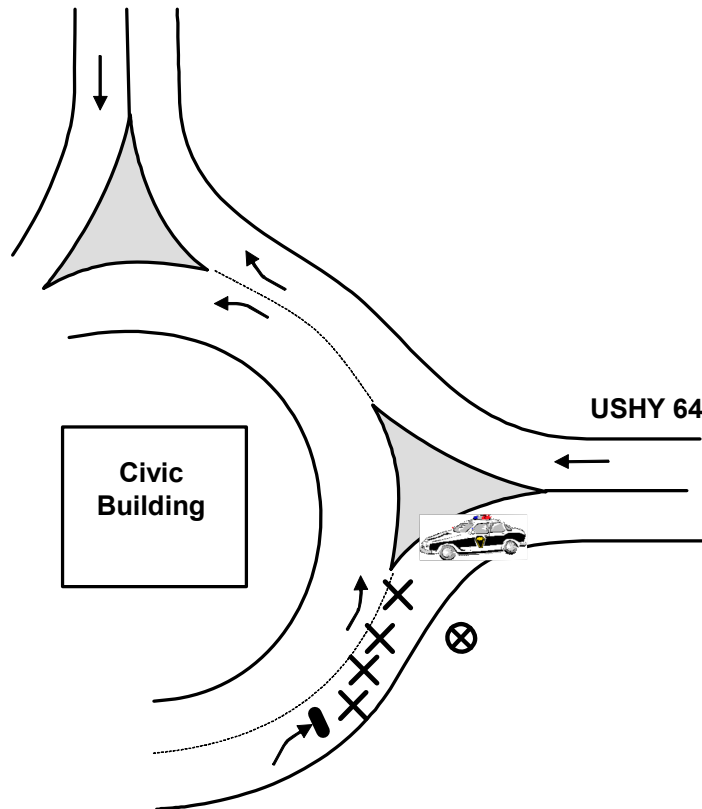
2



TCP

TOWN: Pittsboro
LOCATION: U.S. Highway 64 & U.S. Highway 501/15
TCP ID: Q4-02

USHY 501/15



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPs)
- 4 PER LANE (FREEWAY AND RAMPs)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● ● 8 ft
- PATROL CAR

ACTIONS TO BE TAKEN

1. Interdict and direct eastbound traffic on USHY 64
2. Park police car in exit for USHY 64 with lights flashing

MANPOWER/EQUIPMENT ESTIMATE

- 1 Traffic Guide(s)
- 4 Traffic Barricades

LOCATION PRIORITY

1

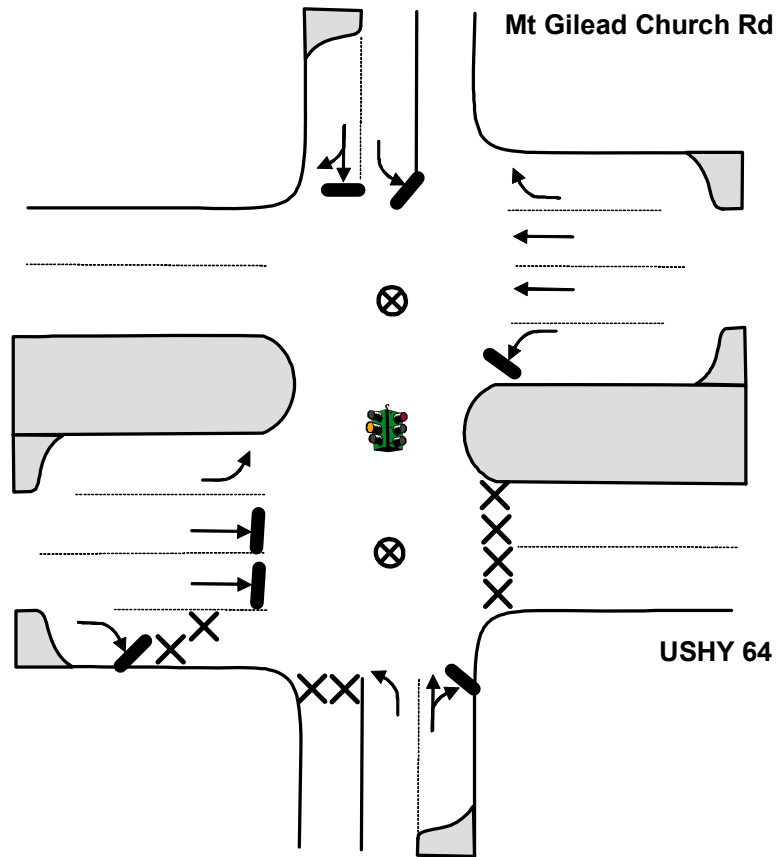


TCP

TOWN: Pittsboro

LOCATION: U.S. Highway 64 & Mt Gilead Church Rd

TCP ID: Q4-03



****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft

ACTIONS TO BE TAKEN

1. Interdict and divert southbound traffic on Mt Gilead Church Rd
2. Interdict and divert eastbound traffic on USHY 64

MANPOWER/EQUIPMENT ESTIMATE

- 2 Traffic Guide(s)
- 8 Traffic Barricades

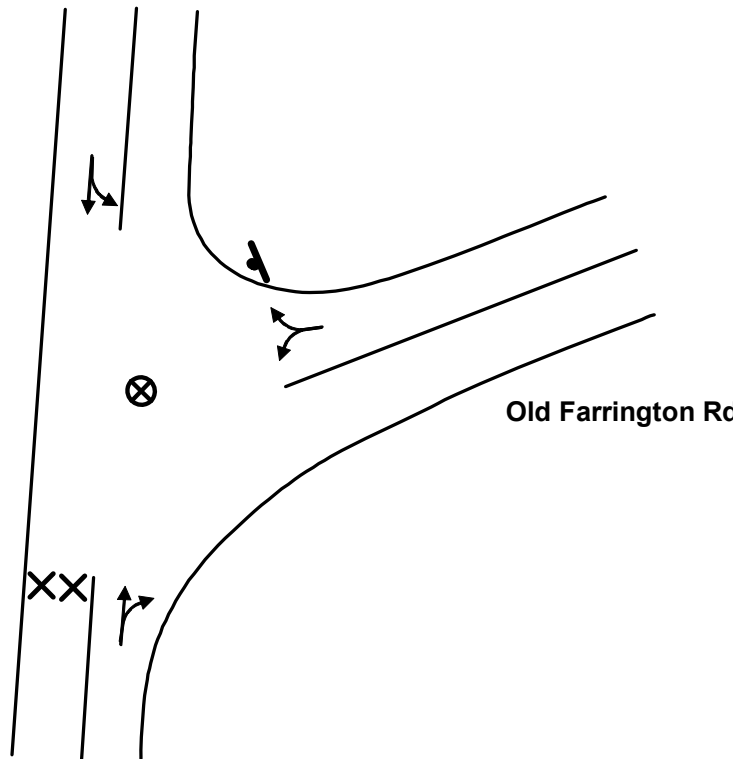
LOCATION PRIORITY

2

TCP

TOWN: Chapel Hill
LOCATION: Farrington Rd & Old Farrington Rd
TCP ID: Q4-04

Farrington Rd



Old Farrington Rd

****Traffic Guide should position himself safely**

Key

- MOVEMENT FACILITATED
- | MOVEMENT DISCOURAGED/DIVERTED
- ⊗ TRAFFIC GUIDE
- ⊘ STOP SIGN
- ⊗ TRAFFIC BARRICADE
- 2 PER LANE (LOCAL ROADS AND RAMPS)
- 4 PER LANE (FREEWAY AND RAMPS)
- 🚦 TRAFFIC SIGNAL
- ● TRAFFIC CONES SPACED TO DISCOURAGE TRAFFIC BUT ALLOW PASSAGE (3 PER LANE): ● ● 8 ft ●

ACTIONS TO BE TAKEN

1. Interdict and direct southbound traffic on Farrington Rd

MANPOWER/EQUIPMENT ESTIMATE

- 1 Traffic Guide(s)
- 2 Traffic Barricades

LOCATION PRIORITY

3

EXISTING COUNTY PLANS

The following figures (Figures G-8 through G-13) map the TCP and SRB identified in the existing county plans. Comparing these figures with Figures G-1 through G-7 shows good agreement between the points identified by KLD and those identified in the county plans. Reference the county plans for more information on the SRB.

