

# EXHIBIT A VICTORIAN AVENUE

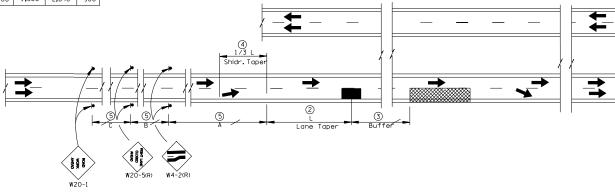
STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	SPI-080-I(067)	WASHOE	TC-A2

CONTRACT# 344IDB

# (5)

### ADVANCE WARNING SIGN SPACING

	DISTANCE				
ROAD TYPE	BETWEEN				
	SIGNS (ft)				
	Α	В	С	L	
URBAN (LOW SPEED)	100	100	100	180	
URBAN (HIGH SPEED)	350	350	350	245	
RURAL	500	500	500	660	
EXPRESSWAY/FREEWAY	1,000	1,500	2,640	900	



MULTI LANE SHORT DURATION

### GENERAL NOTES:

- I. ARROW BOARDS SHALL, AS A MINIMUM BE TYPE B, WITH A SIZE OF 60X30 INCHES.
- VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES, SIGN LEGENDS ON VEHICLE MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- 4. SPACING BETWEEN THE WORK VEHICLE AND THE SHADOW VEHICLE SHOULD BE MINIMIZED TO DETER ROAD USERS FROM DRIVING IN BETWEEN.
- 5. ALL NDOT STAFF SHALL WEAR A REFLECTIVE VEST AND HARD HAT.
- 6. REFER TO TC-ELFOR ADDITIONAL INFORMATION.
- COORDINATE WORK WITH THE CITY OF SPARKS PRIOR TO PERFORMING TRAFFIC CONTROL. CONTACT THE GENERAL MAINTENANCE DEPARTMENT AT (775) 353-2271BETWEEN THE HOURS OF 6.00 AM TO 3:00 PM. FOR PHONE CALLS AFTER HOURS, CONTACT SPARKS POLICE DEPARTMENT DISPATCH NON-EMERGENCY LINE AT (775) 353-2231, AND ADVISE THE DISPATCHER WHERE WORK WILL BE OCCURRING AND WHETHER ANY SPECIAL ASSISTANCE FROM THE CITY OF SPARKS MAINTENANCE CREW WILL BE NEEDED.

# LEGEND:

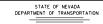


WORK AREA/WORK VEHICLE



SeeTC-E1 For TABLES and GENERAL NOTES

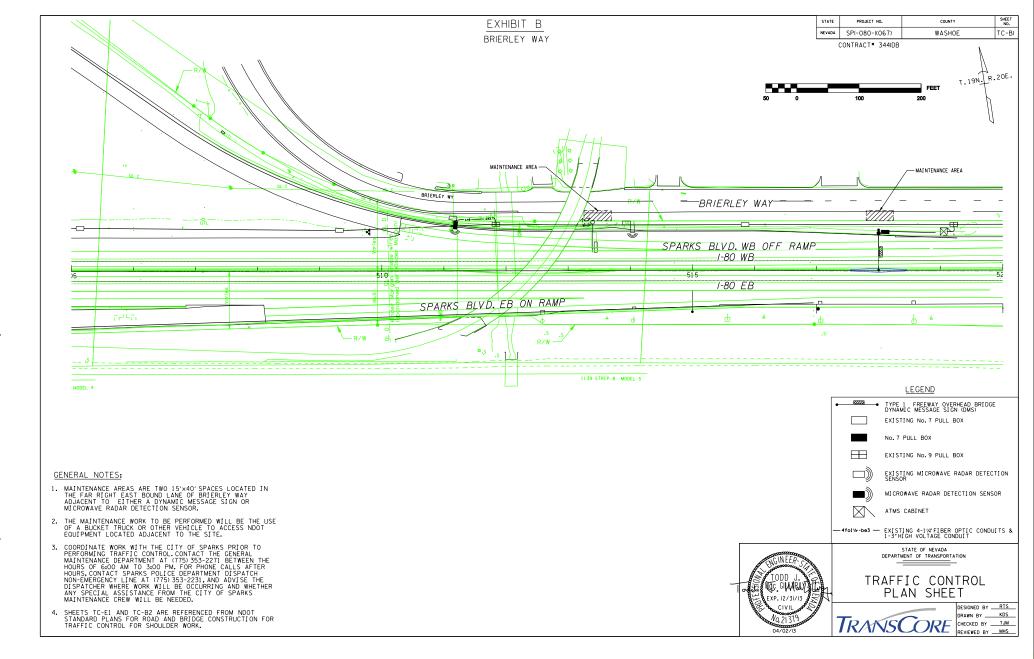




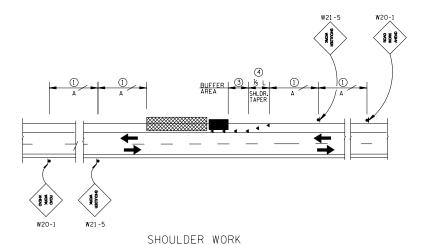
TRAFFIC CONTROL PLAN SHEET



DRAWN BY KDS



CONTRACT# 344IDB



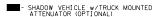
# GENERAL NOTES:

- RELY ON MUTCD STANDARDS FOR TRAFFIC CONTROL IF OTHER WORK NEEDED.
- 2. ALL NDOT STAFF SHALL WEAR A REFLECTIVE VEST AND HARD HAT.
- 3. REFER TO TC-EI FOR ADDITIONAL INFORMATION.
- COORDINATE WORK WITH THE CITY OF SPARKS PRIOR TO PERFORMING TRAFFIC CONTROL. CONTACT THE GENERAL MAINTENANCE DEPARTMENT AT (775) 353-2271BETWEEN THE HOURS OF 6:00 AM TO 3:00 PM, FOR PHONE CALLS AFTER HOURS, CONTACT SPARKS POLICE DEPARTMENT DISPATCH NON-EMERGENCY LINE AT (775) 353-2231, AND ADVISE THE DISPATCHER WHERE WORK WILL BE OCCURRING AND WHETHER ANY SPECIAL ASSISTANCE FROM THE CITY OF SPARKS MAINTENANCE CREW WILL BE NEEDED.

# LEGEND:



WORK AREA/WORK VEHICLE



- CHANNELIZING DEVICES (SEE TABLE) SeeTC-E1 For TABLES and GENERAL NOTES





TRAFFIC CONTROL PLAN SHEET



DRAWN BY KDS

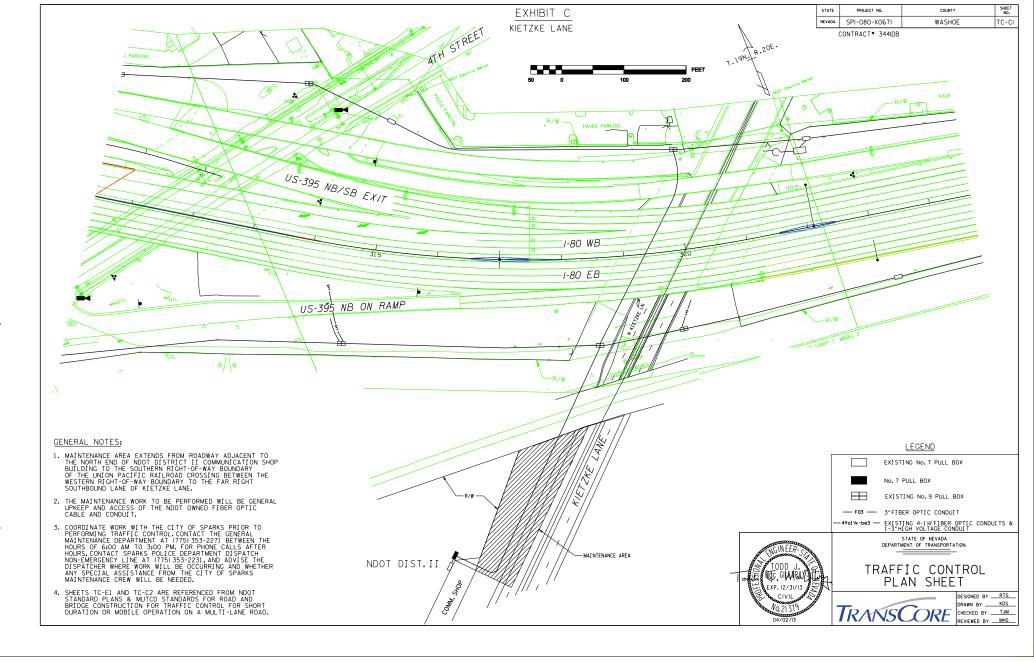


EXHIBIT C KIETZKE LANE

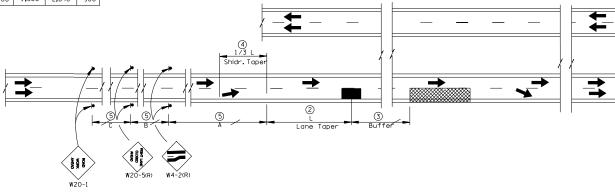
PROJECT NO. NEVADA SPI-080-I(067) WASHOE TC-C2

CONTRACT# 344IDB

# (5)

## ADVANCE WARNING SIGN SPACING

	DISTANCE				
ROAD TYPE	BETWEEN				
	SIGNS (f+)				
	Α	В	С	L	
URBAN (LOW SPEED)	100	100	100	180	
URBAN (HIGH SPEED)	350	350	350	245	
RURAL	500	500	500	660	
EXPRESSWAY/FREEWAY	1,000	1,500	2,640	900	



MULTI LANE SHORT DURATION

### GENERAL NOTES:

- I. ARROW BOARDS SHALL, AS A MINIMUM BE TYPE B, WITH A SIZE OF 60X30 INCHES.
- VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- 3. SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- SPACING BETWEEN THE WORK VEHICLE AND THE SHADOW VEHICLE SHOULD BE MINIMIZED TO DETER ROAD USERS FROM DRIVING IN BETWEEN.
- 5. ALL NDOT STAFF SHALL WEAR A REFLECTIVE VEST AND HARD HAT.
- 6. REFER TO TC-ELFOR ADDITIONAL INFORMATION.
- 7. COORDINATE WORK WITH THE CITY OF SPARKS PRIOR TO PERFORMING TRAFFIC CONTROL. CONTACT THE GENERAL MAINTENANCE DEPARTMENT AT (775) 353-2271BETWEEN THE HOURS OF 6:00 AM TO 3:00 PM. FOR PHONE CALLS AFTER HOURS, CONTACT SPARKS POLICE DEPARTMENT DISPATCH NON-EMERGENCY LINE AT (775) 353-2231, AND ADVISE THE DISPATCHER WHERE WORK WILL BE OCCURRING AND WHETHER ANY SPECIAL ASSISTANCE FROM THE CITY OF SPARKS MAINTENANCE CREW WILL BE NEEDED.

## LEGEND:



WORK AREA/WORK VEHICLE



SeeTC-E1 For TABLES and GENERAL NOTES

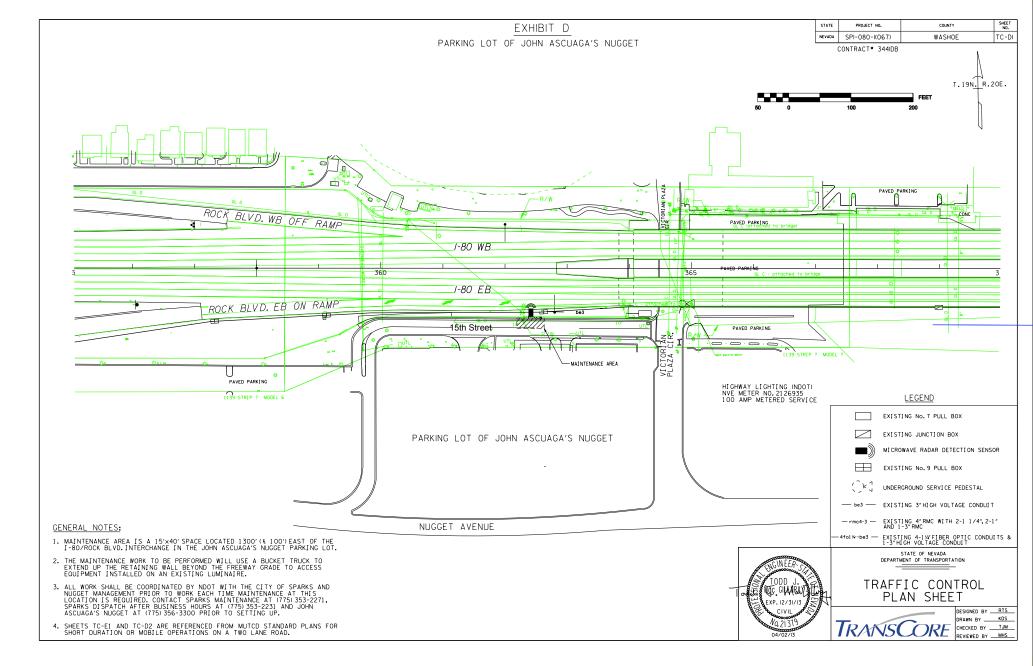




TRAFFIC CONTROL PLAN SHEET



DRAWN BY KDS

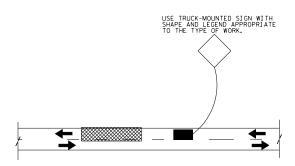


# EXHIBIT D

PARKING LOT OF JOHN ASCUAGA'S NUGGET

STATE	PROJECT NO.	COUNTY	SHEET NO.
NEVADA	SPI-080-I(067)	WASHOE	TC-D2

CONTRACT# 344IDB



SHORT DURATION OR MOBILE OPERATION ON A TWO-LANE ROAD

### GENERAL NOTES:

- VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- SHADOW AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- 3. IF AN ARROW BAORD IS USED IT SHALL BE USED IN CAUTION MODE.
- VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLES HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.
- 5. ALL NDOT STAFF SHALL WEAR A REFLECTIVE VEST AND HARD HAT.
- 6. REFER TO TC-E1 FOR ADDITIONAL INFORMATION.
- ALL WORK SHALL BE COORDINATED BY NDOT WITH THE CITY OF SPARKS AND NUGGET MANAGEMENT PRIOR TO WORK EACH TIME MAINTENANCE AT THIS LOCATION IS REQUIRED. CONTACT SPARKS MAINTENANCE AT (1775) 353-2271, SPARKS DISPATCH AFTER BUSINESS HOURS AT (1775) 535-2231 AND JOHN ASCUAGA'S NUGGET AT (1775) 356-3300 PRIOR TO SETTING UP.

LEGEND:



- WORK AREA/WORK VEHICLE W/ OPTIONAL TRUCK-MOUNTED ATTENUATOR

SHADOW VEHICLE w/OPTIONAL TRUCK-MOUNTED ATTENUATOR

See TC-E1 For GENERAL NOTES

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION





EXP. 12/31/13



## EXHIBIT A.B.C AND D

VICTORIAN AVENUE, BRIERLEY WAY, KIETZKE LANE & PARKING LOT OF JOHN ASCUAGA'S NUGGET

### TAPER LENGTH AND CHANNELIZING DEVICE SPACING

SPEED	LENGTH FOR MERGING TAPER (L)			TAPER & CHANNELIZATION DEVICE SPACING (f+)
(mph)	LANE WIDTH 10.0ft 11.0ft 12.0ft			
20	80	80	80	20
25	125	125	1 25	25
30	150	180	180	30
35	210	245	245	35
40	280	320	320	40
45	450	495	540	45
50	500	550	600	50
55	550	605	660	55 •
60	600	660	720	60 •
65	650	715	780	65 •
70	700	770	840	70 •

ON RURAL INTERSTATE HIGHWAYS WHERE THE SPEED LIMIT IS 55 MPH OR GREATER, THE CHANNELIZATION DEVICE SPACING (EXCEPT FOR TAPERS) MAY BE INCREASED TO 80 FEET. WHEN INCREASED DEVICE SPACING IS USED. 3 DRUMS WILL BE PLACED DIAGONALLY AT 0.5 MILE INCREMENTS TO INDICATE THE LANE IS

750

(3)

### BUFFER LENGTH

SPEED (mph)	LENGTH (f†)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

(4)

### SHIFTING TAPER = 1/2 L SHOULDER TAPER =/ 3 L

PROJECT NO.

SPI-080-I(067)

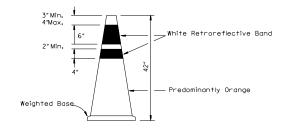
CONTRACT# 344IDB

WASHOE

TC-EI

$\leq$ 40 mph $\geq$ 45 mph	L=WS <sup>2</sup> 60 L=WS			
S = Speed(mph)				
L =Taper Length(ft)				
W = Width of Lateral Shift(ft)				

# CHANNELIZING DEVICES



ADVANCE WARNING SIGN SPACING

200

300

400

600

1000

(INCHES)

48 X 24

60 X 30

96 X 48

SPEED

(mph)

0-20

25-30

35-40

45-50 55-75

TYPE

В

DISTANCE

BETWEEN SIGNS (ft)

В

200

300

400

600

1600

ADVANCE WARNING ARROW PANEL MINIMUM SIZE

200

300

400

600

2640

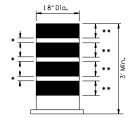
POSTED SPEED

30 MPH OR LESS

55 MPH OR MORE

35 MPH TO 50 MPH

ORANGE TRAFFIC CONES



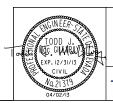
TRAFFIC DRUMS

Shall Have a Minimum of 2-White & 2-Orange Retroreflective Bands

- \* 2" Max. Non-Retroreflective Material
- \*\* 4" Min.- 6" Max. Retroreflective Material

# GENERAL NOTES:

- 1. R2-1 AND W3-5A MAY BE USED TO REDUCE EXISTING SPEED LIMIT TO 55 mph IF EXISTING SPEED LIMIT IS 65 mph THRU 75 mph, OTHER SPEED REDUCTIONS MUST BE APPROVED BY
- 2. THE W1-3 SIGNS SHALL BE USED WHEN THE RECOMMENDED SPEED ON A CURVE IS 30 mph OR LESS, THE WI-4 SIGNS SHALL BE USED WHEN THE RECOMMENDED SPEED IS 35 mph OR
- 3. THE W6-3 AND R4-1 SIGNS SHALL BE INSTALLED ALTERNATELY AT 0.5 MILE INTERVALS WHEN THE LENGTHS OF CROSSOVERS EXCEED 0.5 MILE.
- 4. ALL REGULATORY SIGNS (R SERIES) SHALL BE BLACK ON RETROREFLECTIVE WHITE.
- 5. ALL WARNING SIGNS (W SERIES) SHALL BE BLACK ON RETROREFLECTIVE ORANGE.
- 6. WARNING SIGNS SHALL BE A MINIMUM OF  $3' \times 3'$  FOR SPEEDS OF 45 mph OR LESS, R2-1 SHALL BE 3' x 4'.
- 7. WARNING SIGNS SHALL BE A MINIMUM OF 4'  $\times$  4' FOR SPEEDS OF 50 mph OR GREATER, R2-1 SHALL BE 4'  $\times$  5'.



STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL PLAN SHEET



DRAWN BY KDS CHECKED BY \_\_\_\_TJM REVIEWED BY MHS