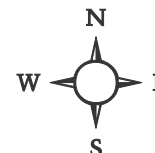




27/7 road closure to thru traffic, local traffic only from Miller Rd to Bird Rd.  
Local traffic within closure will maintain driveway access during working hours with flagger assistance.  
During non working hours ramps and plates will be utilized to maintain driveways.

Work Zone ■  
Detour ■



Owner	Airpark		
Project Name	Scappoose Industrial Subdivision		
Prime Contractor	Tapani Inc		
Phone	360-687-1148	Sheet Number	1
Prepared By	Samantha Ortman (360)635-3323		
Date	11/23/20		





Closure Dates	
Dates	
Times	

Block closure from Tyler St to Bird Rd.  
Trucks larger than 40' to use truck detour listed.  
All emergency and essential services are permitted through.

Work Zone ■  
Detour ■



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25				75
30				100
35				125
40	350	350	350	150
45				180
50	500	500	500	210
55				250
60				285
65	700	700	700	325
70				365
Freeways:				
55				250
60				285
65	1000	1500	2640	325
70				365

**Table 2-3: Taper Lengths and Device Quantities**

Lane Width	10 Foot			11 Foot			12 Foot			Shoulder Tapers	
	MPH	Merging	Shifting	Merging	Shifting	Merging	Shifting	Merging	Shifting	L/J3	Cones
20	70	5	35	3	75	5	40	3	80	5	25
25	105	6	55	3	115	6	60	4	125	6	35
30	150	6	75	4	165	7	85	4	180	7	50
35	205	7	105	4	225	8	115	5	245	8	70
40	270	8	135	5	295	9	150	5	320	9	90
45	450	11	225	6	495	12	250	7	540	13	270
50	500	11	250	6	550	12	275	7	600	13	300
55	550	11	275	6	605	12	305	7	660	13	330
60	600	11	300	6	660	12	330	7	720	13	360
65	650	11	325	6	715	12	370	7	780	13	390
70	700	11	350	6	770	12	385	7	840	13	420

"L" for shoulder taper equals Shoulder Width x Speed.  
Figures shown are for 10' shoulders.

Owner	Airpark		
Project Name	Scappoose Industrial Subdivision		
Prime Contractor	Tapani Inc		
Phone	360-687-1148	Sheet Number	2
Prepared By	Samantha Ortman (360)635-3323		
Date	8/24/20		



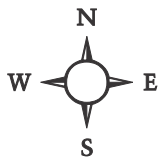


Closure Dates	
Dates	
Times	

Road closure and detour at Bird Rd. With flagging for one lane rd at CZ trail.

Work Zone ■  
 Detour ■  
 Crown Zellerbach Trail ■

Trucks larger than 40' to use truck detour listed. All emergency and essential services are permitted through.



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25				75
30	100	100	100	100
35				125
40	350	350	350	150
45				180
50	500	500	500	210
55				250
60				285
65	700	700	700	325
70				365
Freeways:				
55				250
60				285
65	1000	1500	2640	325
70				365

**Table 2-3: Taper Lengths and Device Quantities**

Lane Width	10 Foot			11 Foot			12 Foot			Shoulder Tapers	
	Merging	Shifting	Shifting	Merging	Shifting	Shifting	Merging	Shifting	Shifting	L/3	Cones
MPH	L	Cones	L/2	L	Cones	L/2	L	Cones	L/2	L/3	Cones
20	70	5	35	75	5	40	80	5	40	3	25
25	105	6	55	115	6	60	125	6	65	4	35
30	150	6	75	165	7	85	180	7	90	4	50
35	205	7	105	225	8	115	245	8	125	5	70
40	270	8	135	295	9	150	320	9	160	5	90
45	450	11	225	495	12	250	540	13	270	7	150
50	500	11	250	550	12	275	600	13	300	7	170
55	550	11	275	605	12	305	660	13	330	7	185
60	600	11	300	660	12	330	720	13	360	7	200
65	650	11	325	715	12	370	780	13	390	7	220
70	700	11	350	770	12	385	840	13	420	7	235

"L" for shoulder taper equals Shoulder Width x Speed.  
 Figures shown are for 10' shoulders.

Owner	Airpark		
Project Name	Scappoose Industrial Subdivision		
Prime Contractor	Tapani Inc		
Phone	360-687-1148	Sheet Number	3
Prepared By	Samantha Ortmann (360)635-3323		
Date	8/24/20		