

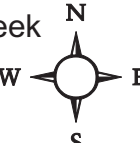
Truck Detour for E Columbia Ave closures.

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

## PCMS

Screen 1: E Columbia Ave Closed

Screen 2: Trucks Seek Detour



Start	
Dates	10/30/19
Times	7am to 5pm

Work Zone ■  
Detour ■

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

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

*\*Construction dates are subject to change, updates will be provided to the City of Scappoose.*

Owner	Airpark		
Project Name	Scappoose Industrial Subdivision		
Prime Contractor	Tapani Inc		
Phone	360-687-1148	Sheet Number	1
Prepared By	Samantha Ortman	Date	8/9/19
	(360)635-3323		



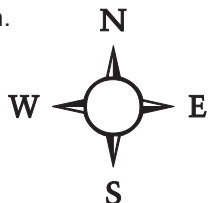


Construction Start Date	
Dates	10/23/19
Times	7am to 5pm

*\*Construction dates are subject to change, updates will be provided to the City of Scappoose.*

Flagging for one lane rd.  
Shoulder will be widened for sending traffic. Trucks larger than 40' to use truck detour listed.  
All emergency and essential services are permitted through.

Work Zone ■



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25	100	100	100	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

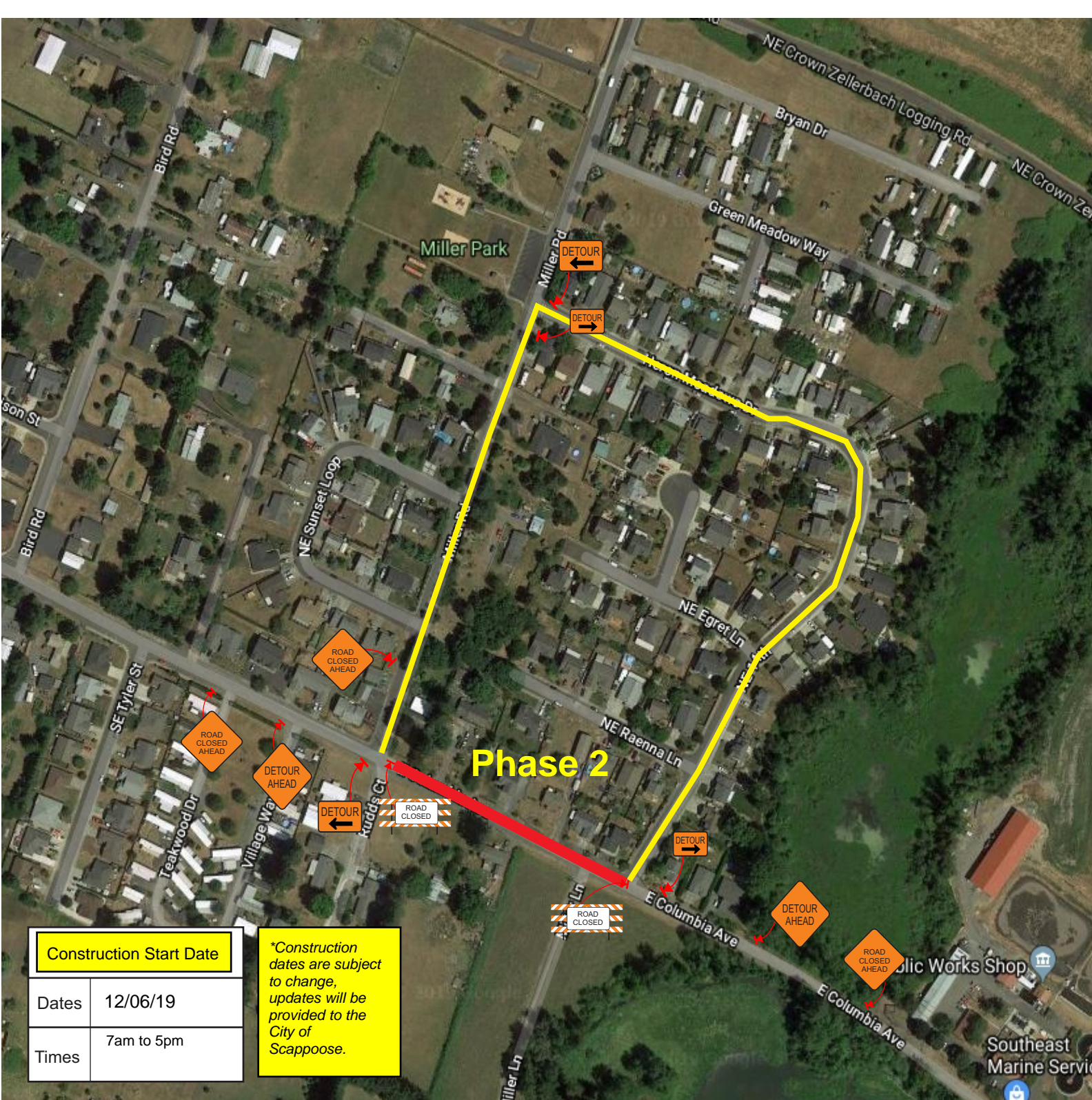
Table 2-3: Taper Lengths and Device Quantities

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

"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
Date	8/9/19		
Prepared By	Samantha Ortman (360)635-3323		





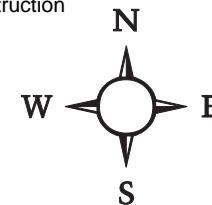
## Block closure on Columbia Ave from NE 14th to Miller rd.

Trucks larger than 40' other than emergency and essential services to seek truck detour.  
All emergency and essential services are permitted to use construction zone for service in the construction zone.

Work Zone



Detour



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25	100	100	100	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	1000	1500	2640	285
65				325
70				365

Table 2-3: Taper Lengths and Device Quantities

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

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

Construction Start Date

Dates 12/06/19

Times 7am to 5pm

\*Construction dates are subject to change, updates will be provided to the City of Scappoose.

Owner	Airpark		
Project Name	Scappoose Industrial Subdivision		
Prime Contractor	Tapani Inc		
Phone	360-687-1148	Sheet Number	3
		Date	8/9/19
Prepared By	Samantha Ortman (360)635-3323		





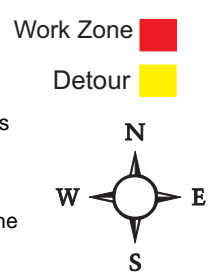
### Construction Start Date

Dates	12/20/19
Times	7am to 5pm

\*Construction dates are subject to change, updates will be provided to the City of Scappoose.

Block closure from Miller Rd to Tyler St.

Trucks larger than 40' other than emergency and essential services to seek truck detour.  
All emergency and essential services are permitted to use construction zone for service in the construction zone.



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25	100	100	100	75
30				100
35	350	350	350	125
40				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		MERGING	SHIFTING		MERGING	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	53	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	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	4
Prepared By	Samantha Ortman (360)635-3323		
Date	8/9/19		





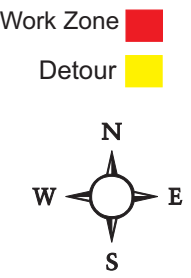
Construction Start Date	
Dates	12/31/19
Times	7am to 5pm

*\*Construction dates are subject to change, updates will be provided to the City of Scappoose.*

Block closure from Tyler St to Bird Rd.

Trucks larger than 40' other than emergency and essential services to seek truck detour.

All emergency and essential services are permitted to use construction zone for service in the construction zone.



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

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

"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	5
Date	8/9/19		
Prepared By	Samantha Ortman (360)635-3323		





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

Trucks larger than 40' other than emergency and essential services to seek truck detour. All emergency and essential services are permitted to use construction zone for service in the construction zone.



Posted Speed	Spacing Between Signs			"Buffer" Space
	A	B	C	
20				50
25	100	100	100	75
30				100
35	350	350	350	125
40				150
45				180
50	500	500	500	210
55				250
60				285
65	700	700	700	325
70				365
<b>Freeways:</b>				
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	Merging	Shifting	Merging	Shifting	Merging	Shifting	Merging	Shifting	Merging	Shifting	Lanes	Shoulder
MPH	L	Cones	L	Cones	L	Cones	L	Cones	L	Cones	L	Cones	L	Cones
20	70	5	35	3	75	5	40	3	80	5	40	3	25	3
25	105	6	55	3	115	6	60	4	125	6	65	4	35	3
30	150	6	75	4	165	7	85	4	180	7	90	4	50	3
35	205	7	105	4	225	8	115	5	245	8	125	5	70	4
40	270	8	135	5	295	9	150	5	320	9	160	5	90	4
45	450	11	225	6	495	12	250	7	540	13	270	7	150	6
50	500	11	250	6	550	12	275	7	600	13	300	7	170	6
55	550	11	275	6	605	12	305	7	660	13	330	7	185	6
60	600	11	300	6	660	12	330	7	720	13	360	7	200	6
65	650	11	325	6	715	12	370	7	780	13	390	7	220	7
70	700	11	350	6	770	12	385	7	840	13	420	7	235	7

"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	6
Prepared By	Samantha Ortman (360)635-3323		
Date	8/9/19		