TRANSPORTATION COMMITTEE AGENDA

May 9, 2019 - North Conference Room

21630 11th Avenue South – Des Moines 98198

5:00P – 5:50 PM

Chair to call the meeting to order at 5:00 pm

1. Approval of the minutes from the meeting of 3.14.2019 (Chair to call the meeting to order at 5:00 pm

2. CIP Project Update (Informational – 5:00 to 5:20 pm)

   Staff will provide a capital project update.

3. Transportation Improvement Plan (TIP) (Informational – 5:20 to 5:40 pm)

   Staff will review the draft 2019-2038 Transportation Improvement Plan, public comments received, and solicit comments from the Committee.

4. 24th Avenue South Speed Limit Discussion (Informational – 5:40 to 5:50 pm)

   Staff will review current speed limit on 24th Avenue South between South 216th and South 208th Street.

DRAFT Des Moines City Council Transportation Committee Minutes – 3/14/2019

Meeting called to order: 5:00 PM on March 14, 2019, in North Conference Room @ 21630 11th Avenue S, Des Moines WA 98198.

Council Members
Matt Mahoney (Chair)
Rob Back
Traci Buxton

Other City Staff
Brandon Carver – Public Works Director
Dan Brewer – Chief Operations Officer
Andrew Merges – Transportation Srv Manager
Matt Hutchins – Assistant City Attorney
Peggy Volin – Administrative Assistant II

AGENDA:

1. Approval of the Minutes from the meetings of 10/11/2018 & 2/21/2019
2. Citywide Radar Feedback Sign Update
3. 2019 Arterial Paving Program Update

MEETING:

1. Approval of the minutes from the meetings of 10/11/2018 & 2/21/2019. Unanimous.

2. Citywide Radar Feedback Sign Update: Transportation and Engineering Services Manager, Andrew Merges went over the updated selected permanent locations for radar feedback sign installation in 2019.

3. 2019 Arterial Paving Program Update: Transportation and Engineering Services Manager, Andrew Merges reviewed current efforts partnering with various franchise utilities to maximize pavement funding available. The City is currently working with Highline Water District in effort to develop a joint AC water main replacement and paving project within the North Hill neighborhood. Lakehaven indicated that their water main replacement project for lower Woodmont neighborhood will be postponed until 2020. Water District #54 indicated that they are pursuing funding options for the 8th Avenue AC water main replacement project, but it appears unlikely that they will be able to proceed with construction in 2019.

Adjourned at 5:50 pm
Minutes respectfully submitted by: Peggy Volin, Administrative Assistant II

Transportation Committee
May 9, 2019
Capital Project Update

Current Construction	Phase	Status/Comment
South 223rd Street - Pavement Rehabilitation Project	CN	Closeout
Saltwater State Park Bridge - Seismic Retrofit	CN	Final Contract Voucher - Waiting L&I Release
South 216th Street - Segment 3	CN	Under construction
24th Ave South RRFB Midblock Crosswalk	CN	Closeout

Engineering & Planning		Status/Comment
North Marina Parking Lot Bulkhead and Restrooms	PE	Design & Permitting - Federal permit delay possible until 2020
Street Standards Update	PE	Finalizing for PW Director approval
Downtown Alley Project (223rd - 227th)	PE/CN	Coordination with PSE
Barnes Creek Trail - TIB Complete Streets	PE/CN	TIB Grant Awarded for 2019 & 2020
Barnes Creek Trail	PE/RW	Design / RW PSRC Grant Awarded for 2021
2019 Guardrail Program	PE/CN	Design
2019 Annual Sidewalk Program	PE	Design
2019 Arterial Street Overlay	PE	ILA preparation with Highline Water District (North Hill)
Citywide Arterial Traffic Calming	PE/CN	City will install approx. 12 permanent radar feedback signs over 12-months
2019 Arterial Street Overlay	PE	ILA with Lakehaven (lower Woodmont)
2019 Arterial Street Overlay	PE	ILA with Water Distrcit #54 (8th Ave S)
24th Ave S Sidewalks (Midway Elementary)	PE	TIB Application for Grant Application August 2019
Des Moines LID Feasibility Mapping	PE	
S 224th Street (PHS -30th Ave S)	PE	
S 223rd Sidewalk Improvements	PE	
MVD/240th Capacity Improvements	PE	
Redondo Paid Parking	PE	
16th Ave South - Segment 5A	PE	

Planned Construction		Status/Comment
North Marina Parking Lot Bulkhead and Restrooms	CN	Advertisement 3rd Quarter 2019 Pending Permits and Applicable Conditions
Citywide Arterial Traffic Calming Program	CN	City crews to install permanent radar feedback signs
Marina Paid Parking Dynamic Signs	PE/CN	

Large Project Support	Status/Comment
Sound Transit Light Rail	
WSDOT SR509	
WSDOT S 216th Bridge	

Projects Targeted for Grant Funding 2019:	Status/Comment	
24th Ave S Sidewalks (Midway Elementary)	TIB August 2019 Application	
240th - Barnes Creek Trail 16th to 20th	Sound Transit Application 4/2/19	
	potential TIB Sidewalk Grant August 2019	WSDOT
North Hill Elementary Walkway (200th)	SRTS Grant 2020	

Working on
Planning on, some risk
Resource/Schedule Risk

TRANSPORTATION IMPROVEMENT PLAN (TIP) UPDATE
MAY 9, 2019

Purpose and Background

The TIP is a long range, 20-year, transportation plan that identifies motorized and non-motorized needs that are not financially constrained. The plan is derived from the City's Comprehensive Transportation Plan (CTP) and is a list of prioritized projects based primarily on:

- CTP (Safety, capacity, non-motorized, and transit needs).
- Analysis of existing system (Traffic engineering studies, citizen input, etc.).
- Interagency Coordination (Franchise Utility, SeaTac, Sound Transit, etc.).

The TIP is utilized to:

- Fulfill reporting requirements by State Law (RCW 35.77.010) by July 31st.
- Direct the development of the 6-year Capital Improvement Plan (CIP).
- Provide coordination between franchise utilities and neighboring agencies.
- Fulfill reporting to the Washington State Department of Transportation (WSDOT) and the Puget Sound Regional Council (PSRC) in order to pursue loan and grant opportunities.

2020-2039 TIP Update

Staff updated the previous TIP (2019-2038) with the most current project funding information and expenditure schedule. Changes within the Draft 2020-2039 TIP from previous years include:

- Priority 3 – ADA Compliance Program
  - **Revise Title & Description** to reflect broadly the recently completed ADA Transition Plan.
- Priority 6 – Des Moines North Marina Bulkhead Replacement
  - **Reprioritize** from Priority 9 as design is almost complete and construction pending permit approvals.
- Priority 7 – 24th Ave S. Improvement Project (Segment 2)
  - **Revise Title & Description** to reflect proposed scope of work in coordination with TIB grant funding strategy.
- Priority 10 – Barnes Creek Trail – South Segment
  - **Reprioritize** from Priority 13 as this project has obtained federal FHWA grant funding.
- Priority 13 – 24th Ave S. Improvement Project (Segment 1)
  - **Reprioritize** from Priority 35 to better align with TIB strategic investments.
- Priority 15 – Marine View Dr. and S. 240th St.
  - **Reprioritize** from Priority 10 due to recent all-way stop improvement implementation.
- Priority 27 – 24th Ave S and S 208th St Intersection Improvements
  - **Add** Priority as this project responds to increased vehicular and pedestrian demands on 24th Ave S in coordination with the City of SeaTac.

TRANSPORTATION IMPROVEMENT PLAN (TIP) UPDATE
MAY 9, 2019

Draft 2020-2039 TIP Public Comment (to date)

The City has received the following public comment prior to future public notice publication.

- Reprioritize Priority #30, Kent-Des Moines Rd. Improvements (Segment 2), higher to accommodate pedestrian and multimodal improvements.
- Reprioritize Priority #47, Redondo Beach Drive Sidewalk Project, higher to accommodate pedestrian safety and connectivity.
- Reprioritize Priority #52, S. 208th St. Sidewalk Project, higher to accommodate pedestrian safety.

Next Steps

- May 9th, 2019 – Draft TIP (Committee Discussion)
- June 13th, 2019 – Final TIP (Committee Discussion)
- June 13th, 2019 – Public Hearing (Council)
- July 11th, 2019 – Conduct 2nd Public Hearing if necessary (Council)
- July 31st, 2018 – TIP due to per RCW 35.77.010

ATTACHMENT A

Transportation Improvement Plan

Agency: City of Des Moines, WA
County No.: 17 County Name: King County
City No.: 0325 MPO/RTPO: PSRC

From: 2020 To: 2039
Hearing Date:
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Resolution Number:

Proposed Priority No.	City Project Number	Project Identification	Project Phase	Project Cost in Thousands of Dollars – Fund Source: Federal Funds	State Funds	Local Funds	Total Funds	Local Agency Expenditure Schedule (Year): 2020	2021	2022	2023-2025	2026-2029	2030-2039
1	PRES.-1.0	**Pavement Preservation Program** Citywide Maintain and preserve the City's roadway surfaces through pavement rehabilitation measures such as overlays/patching, crack sealing and other preventative maintenance measures.	PE			380	380	20	20	20	60	80	180
			RW				0						
			CN			17100	17100	900	900	900	2700	3600	8100
				0	0	17480	17480	920	920	920	2760	3680	8280
2	TRAF.-5.0	**Traffic Safety Improvement Program (ASE)** Citywide Respond to capital needs associated with traffic and pedestrian safety. These funds would be primarily focused on capital projects near existing schools and other traffic safety related concerns.	PE			152	152	8	8	8	24	32	72
			RW				0						
			CN			1900	1900	100	100	100	300	400	900
				0	0	2052	2052	108	108	108	324	432	972
3	PRES.-5.0	**ADA Compliance Program** Citywide Installation of Right-of-Way and facility improvements.	PE			290	290	20	20	20	60	80	90
			RW				0						
			CN			1450	1450	100	100	100	300	400	450
				0	0	1740	1740	120	120	120	360	480	540
4	TIF-1.3	**S. 216th St. Improvement Project (Segment 3)** South 216th Street from: 18th Ave. S. to: 11th Ave. S. Widen to provide center turn lane, bike lanes, curb, gutter & sidewalks. Partially funded through development.	PE				0						
			RW				0						
			CN		2737	5232	7969	7969					
				0	2737	5232	7969	7969	0	0	0	0	0
5	TIF-10.0	**Des Moines Memorial Drive & S. 200th St.** Intersection Improvements from: DMMD to: S. 200th St. Reconstruct signalized intersection to provide left turn lanes on all legs. Rebuild traffic signal and provide channelization improvements. The improvements would be done in partnership with Sea Tac.	PE				0						
			RW				0						
			CN			457	457	457					
				0	0	457	457	457	0	0	0	0	0
6		**Des Moines North Marina Bulkhead Replacement** from: to: Replacement of North Marina Bulkhead supporting multimodal emergency management operations and public land-water access.	PE			200	200				100	100	
			RW				0						
			CN	5000	6000	7000	18000	6000			6000	6000	
				5000	6000	7200	18200	6000	0	0	6100	6100	0
7	TIF-3.0	**24th Ave S. Improvement Project (Segment 2)** 24th Avenue South from: S. 224th Street to: Kent-Des Moines Road Sidewalk, curb, gutter & drainage improvements in conjunction with SWM's 24th Ave Pipeline Replacement. Provide 2-way left turn lane and enchanced pedestrian crossings.	PE		376	124	500	500					
			RW		52	23	75		75				
			CN		3180	883	4063			4063			
				0	3608	1030	4638	500	75	4063	0	0	0

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8	S-25.0	**Sound Transit - Link Light Rail** from: S. 216th St. to: S. 272nd St. Coordination on Link Light Rail Alignment	PE			150	150	30	30	30	60		
			RW				0						
			CN			180	180				60	60	60
				0	0	330	330	30	30	30	120	60	60
9	S-25.0	**WSDOT - SR509 Gateway & South 216th Bridge** from: S. 216th St. to: S. 272nd St. Coordination on SR 509 Gateway.	PE				0						
			RW				0						
			CN			500	500				250	250	
				0	0	500	500	0	0	0	250	250	0
10	TRAIL-2.0	**Barnes Creek Trail - South Segment** from: Kent-Des Moines Road to: Highline College Construct shared use path/trail along the west side of 16th Ave S and north side of S 240th Street.	PE				0						
			RW	519		81	600		600				
			CN	4800		1200	6000			6000			
				5319	0	1281	6600	0	600	6000	0	0	0
11	S-21.1	**South 240th St. Improvements (Segment 1)** South 240th Street from: East City Limits to: 16th Ave .S. Reconstruct roadway including two travel lanes, bicycle lanes, curb, gutter and sidewalks.	PE		200	100	300		300				
			RW		150	50	200			200			
			CN		4600	1200	5800			5800			
				0	4950	1350	6300	0	300	6000	0	0	0
12	TRAF.-4.0	**Guardrail Program** Citywide Install new guardrail and upgrade existing installations.	PE			20	20		2	2	2	4	10
			RW				0						
			CN			250	250		23	23	23	66	115
				0	0	270	270	0	25	25	25	70	125
13	TIF-3.0	**24th Ave. S. Improvement Project (Segment 1)** 24th Avenue South from: S. 216th St. to: S. 224th St. Sidewalk, curb, gutter & drainage improvements. Provide 2-way left turn lane.	PE		480	120	600				600		
			RW		112	28	140				140		
			CN		4000	1000	5000					5000	
				0	4592	1148	5740	0	0	0	740	5000	0
14	S-21.2	**South 240th St. Improvements (Segment 2)** South 240th Street from: 16th Ave. S. to: Marine View Drive Reconstruct roadway including two travel lanes, bicycle lanes, curb, gutter and sidewalks.	PE		180	55	235		235				
			RW		40	10	50		50				
			CN		3532	883	4415			4415			
				0	3752	948	4700	0	285	4415	0	0	0

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15	TIF-14.0	**Marine View Dr. and S. 240th St.** Intersection Project from: to: Reconstruct roadway to improve horizontal alignment. Provide pedestrian facilities, and widen approaches. Install roundabout or traffic signal if warranted.	PE			165	165			165			
			RW			100	100			100			
			CN			1900	1900				1900		
				0	0	2165	2165	0	0	265	1900	0	0
16	S-5.0	**S. 223rd/Cliff Ave Street Improvement** Cliff Ave/South 223rd Street from: Cliff Ave to: 24th Ave. S. Reconstruct to neighborhood collector standards incl. bike lanes, curbs, gutters and sidewalks. Improve sight distance. Provide pedestrian connection to Marina from 223rd/Cliff.	PE		300	200	500						500
			RW				0						
			CN		4000	4000	8000						8000
				0	4300	4200	8500	0	0	0	0	0	8500
17	PRNIP-S2.0	**S. 224th St. Improvements** Pacific Ridge NIP S2 from: Pacific Highway South to: 30th Ave. S. Reconstruct roadway. Complete curb, gutter, and sidewalk improvements.	PE			113	113		113				
			RW			35	35		35				
			CN			458	458		458				
				0	0	606	606	0	606	0	0	0	0
18	TRAF-8.0	**Redondo Area Parking Management Project** Redondo Area Installation of parking management system on South 282nd, Redondo Way, and portions of Soundview Dr.	PE			25	25	25					
			RW				0						
			CN			125	125	125					
				0	0	150	150	150	0	0	0	0	0
19	TRAIL-2.0	**Barnes Creek Trail - North Segment** Following SR 509 Right-of-Way from: S 216th Street to: S 223rd Street Construct shared use path/trail along old SR509 ROW.	PE			50	50				50		
			RW	130		20	150				150		
			CN	2800		500	3300				3300		
				2930	0	570	3500	0	0	0	3500	0	0
20	TRAIL-2.0	**Barnes Creek Trail - Central Segment** Following SR 509 Right-of-Way from: S 223rd Street to: 16th Ave S Construct shared use path/trail along old SR509 ROW and South side of Kent-Des Moines Road	PE			200	200					200	
			RW	85		15	100					100	
			CN	3460		540	4000					4000	
				3545	0	755	4300	0	0	0	0	4300	0
21	S-29.0	**College Way** from: SR-99 to: Highline College Expand roadway intended to connect the Kent Des Moines light rail station at S 236th Street and 30th Ave S along 236th Street and College Way to a street end just inside the western edge of the Highline College.	PE		200		200		200				
			RW				0						
			CN		1000	500	1500		200	300	1000		
				0	1200	500	1700	0	400	300	1000	0	0

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22	TRAF-7.0	**Redondo Area Street Lights** Neighborhood streets in the lower Redondo area from: S. 281st St to: South City Limits Install conduit and street lighting in local road areas currently without lighting	PE			10	10			10			
			RW				0						
			CN			60	60			60			
				0	0	70	70	0	0	70	0	0	0
23	S-24.0	**Downtown Des Moines Improvements** from: S. 227th/220&223 to: 6th/8th Provide sidewalks 6th Ave. S. & side streets from S.227th to S.220th/8th Ave S (west side) & side streets and alleys from S.227th to S.223rd. May include street & water distribution upgrades. May include S 222nd cul-de-sac roadway improvements.	PE			700	700					700	
			RW			3500	3500					3500	
			CN				0						
				0	0	4200	4200	0	0	0	0	4200	0
24	TIF-20.0	**Marine View Dr. ITS Project** from: Kent-Des Moines Road to: DMMD Coordinate and optimize signal timing by installing fiber optic signal communications.	PE			10	10				10		
			RW				0						
			CN		110	100	210				210		
				0	110	110	220	0	0	0	220	0	0
25	ITS-1.0	**Traffic Management Center (TMC)** Citywide/Public Works - Engineering Continue to improve communication and coordination with WSDOT and King County Traffic Management Centers. Implement Citywide ITS program.	PE			10	10			10			
			RW				0						
			CN			50	50			50			
				0	0	60	60	0	0	60	0	0	0
26	TRAF-8.0	**Redondo Beach Drive - Seawall Pile Corrosion Project** from: S 283rd Street to: Redondo Shores Dr. S Corrosion protection for seawall H-Piles.	PE			55	55	25				30	
			RW				0						
			CN			300	300					150	150
				0	0	355	355	25	0	0	0	180	150
27	TRAF	**24th Ave S and S 208th Intersection Improvments** from: to: Install traffic signal and crosswalks in coordination with City of SeaTac.	PE			60	60		60				
			RW				0						
			CN			600	600			600			
				0	0	660	660	0	60	600	0	0	0
28	S-8.0	**Redondo Way Sidewalk Project** Redondo Way South from: Redondo Beach Dr. to: East of Sound View Drive Install curb, gutter, & sidewalk on north side of Redondo Way between Redondo Beach Drive and Sound View Drive	PE			100	100				25	75	
			RW				0						
			CN			1000	1000					1000	
				0	0	1100	1100	0	0	0	25	1075	0

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29	PL-4.0	**Parking Management Plan** Highline College Area from: to: Develop a parking management plan strategy and apply program and actions.	PE			100	100			50	50		
			RW				0						
			CN				0						
				0	0	100	100	0	0	50	50	0	0
30	TIF-7.1	**16th Ave. S. Improvement Project (Segment 5a)** 16th Avenue South from: S. 272nd St. to: S. 276th Street Widen to provide 3-land roadway w/curbs, gutters, bike lanes & sidewalks. Provide new alignment to Pacific Hwy. S. if feasible. Joint project w/City of Federal Way. Also coordinate w/City of Kent and King County Metro.	PE			128	128	128					
			RW		60	30	90			90			
			CN		1200	600	1800				1800		
				0	1260	758	2018	128	0	90	1800	0	0
31	TIF-5.2	**Kent-Des Moines Rd. Improvements (Segment 2)** (SR 516) from: 24th Ave. S. to: Pacific Highway South Widen roadway to provide pedestrian facilities and additional turn lanes. Joint with City of Kent.	PE			485	485				485		
			RW		400	100	500				500		
			CN	2300	2300	1700	6300				6300		
				2300	2700	2285	7285	0	0	0	7285	0	0
32	INT-7.0	**Pacific Highway S. and S. 240th St.** Intersection Improvements from: to: Widen to provide dual left turn pocket for eastbound approach, revise signal timing. Coordinate with the City of Kent.	PE		500	100	600					600	
			RW		500		500					500	
			CN		3000		3000					3000	
				0	4000	100	4100	0	0	0	0	4100	0
33	TIF-6.0	**16th Ave. S../18th Ave. S. Road Improvement** Following along old SR 509 Right-of-Way from: S. 220th St. to: S. 216th St. Construct new neighborhood collector alignment along 16/18th Ave. S.. corridor, incl. curb/gutter. May be shared use path constructed along R/W so pedestrian/bicycle facilities may be away from roadway alignment.	PE		300	300	600					600	
			RW				0						
			CN		2200	500	2700					2700	
				0	2500	800	3300	0	0	0	0	3300	0
34	TRAF.-3.0	**Neighborhood Traffic Calming Program** Citywide Respond to traffic calming concerns.	PE			200	200	10	10	10	30	40	100
			RW				0						
			CN			800	800	40	40	40	120	160	400
				0	0	1000	1000	50	50	50	150	200	500
35	PL-2.0	**Downtown Circulation Study** from: to: Develop a plan to maximize multi-modal use, pedestrian access and traffic operations.	PE			100	100				100		
			RW				0						
			CN				0						
				0	0	100	100	0	0	0	100	0	0

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36	PL-3.0	**Parking Management Plan** Downtown from: to: Develop a parking management plan strategy and apply program and actions.	PE			100	100				100		
			RW				0						
			CN				0						
				0	0	100	100	0	0	0	100	0	0
37	S-30.0	**Wooten Park Access and Parking Improvements** North of Redondo Way South from: Redondo Way South to: South 282nd St Increase parking with a new parking lot east of Wooten Park	PE			150	150				50	100	
			RW				0						
			CN			1500	1500					1500	
				0	0	1650	1650	0	0	0	50	1600	0
38	S-1.0	**Des Moines Memorial Drive Improvement** Des Moines Memorial Drive from: S. 208th St. to: Marine View Drive Install bike lanes, curb, gutter, drainage & sidewalks. Add a lane to approach to Marine View Dr.& left turn pockets where feasible.	PE		250	500	750					750	
			RW		200	150	350					350	
			CN		3100	800	3900					3900	
				0	3550	1450	5000	0	0	0	0	5000	0
39	TIF-11.0	**Des Moines Memorial Drive and Marine View Dr.** Intersection Improvements from: to: Lengthen approach lanes, coordinate signal with MVD and 7th/216th. Consider possibility of a Round-About.	PE		100	300	400					400	
			RW		60	40	100					100	
			CN		1600	400	2000					2000	
				0	1760	740	2500	0	0	0	0	2500	0
40	TIF-18.0	**Marine View Dr. and 7th/216th Street** Intersection Improvements from: to: Optimize signal timing, and coordinate signal with DMMD and MVD intersection.	PE			30	30					30	
			RW			270	270					270	
			CN				0						
				0	0	300	300	0	0	0	0	300	0
41	S-2.1	**8th Ave. S. Improvement Project (Segment 1)** 8th Avenue South (North Hill) from: North City Limits to: S. 200th Street Reconstruct to Minor Arterial standards including bike lanes, curbs, gutters, and sidewalks.	PE			700	700					700	
			RW			2500	2500					2500	
			CN				0						
				0	0	3200	3200	0	0	0	0	3200	0
42	TIF-5.3	**Kent-Des Moines Road (Segment 3)** (SR 516) from: Marine View Drive to: 16th Ave. South Widen roadway to provide pedestrian facilities and additional lanes where warranted.	PE			1400	1400						1400
			RW			1000	1000						1000
			CN	2000	2500	2100	6600						6600
				2000	2500	4500	9000	0	0	0	0	0	9000

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City No.: 0325 MPO/RTPO: PSRC

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43	TIF-13.0	**Marine View Drive and Kent-Des Moines Road** Intersection Improvements from: to: Add a second eastbound through lane through the intersection.	PE		400	200	600					600	
			RW		500	300	800					800	
			CN	600	1000		1600					1600	
				600	1900	500	3000	0	0	0	0	3000	0
44	TIF-12.0	**Marine View Drive and S. 227th St.** Intersection Improvements from: to: Revise lane configuration to single eastbound right with overlap signal phase. Add second southbound through lane at intersection.	PE		100	40	140					140	
			RW				0						
			CN		500	60	560					560	
				0	600	100	700	0	0	0	0	700	0
45	TIF-5.1	**Kent-Des Moines Road (Segment 1)** (SR 516) from: 16th Ave. S. to: 24th Ave. S. Widen roadway to provide pedestrian facilities and center 2-way turn lane where warranted	PE			700	700					700	
			RW			600	600					600	
			CN	500	2500	1700	4700					4700	
				500	2500	3000	6000	0	0	0	0	6000	0
46	PL-1.0	**CTP Update** from: to:	PE			480	480					400	80
			RW				0						
			CN				0						
				0	0	480	480	0	0	0	0	400	80
47	S-27.0	**30th Ave. S. Over-Crossing** Bridge Crossing over Kent-Des Moines Road from: to: Construct vehicular or ped/bike bridge over Kent Des Moines Road linking Pacific Ridge with Midway. Coordinate with Kent.	PE			750	750						750
			RW			800	800						800
			CN			6500	6500						6500
				0	0	8050	8050	0	0	0	0	0	8050
48	S-20.0	**Redondo Beach Drive Sidewalk Project** Redondo Beach Drive from: S. 281st St to: South City Limits Install sidewalk where missing and make pedestrian improvements.	PE			100	100					100	
			RW				0						
			CN			500	500					500	
				0	0	600	600	0	0	0	0	600	0
49	TIF-4.5	**16th Ave. S. and S. 240th Street** Intersection Improvements from: to: Add left turn pockets on 16th Ave. S. and on the west approach (eastbound) on S. 240th St.	PE			200	200					200	
			RW				0						
			CN		500	300	800					800	
				0	500	500	1000	0	0	0	0	1000	0

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50	S-3.0	**S. 200th St. & S. 199th St. Improvements** from: DMMD to: 1st Ave. S. Install curbs, gutters, sidewalks, & bike lanes.	PE		100	200	300					300	
			RW		50	50	100					100	
			CN		1200	600	1800					1800	
				0	1350	850	2200	0	0	0	0	2200	0
51	TIF-4.3	**16th Ave. S. Improvement Project (Segment 3)** 16th Avenue South from: Kent-Des Moines Rd. to: S. 240th St. Widen to provide center turn lane at apartment driveways south of Kent- Des Moines Road. Provide bus pullouts.	PE			400	400					400	
			RW			500	500					500	
			CN		2000	1200	3200					3200	
				0	2000	2100	4100	0	0	0	0	4100	0
52	TIF-4.2	**16th Ave. S. Improvement Project (Segment 2)** 16th Avenue South from: S. 260th St. to: S. 250th Street Install curbs, gutters and sidewalks and bike lanes. Provide 2-way left turn lane.	PE			1200	1200						1200
			RW			300	300						300
			CN		3000	2100	5100						5100
				0	3000	3600	6600	0	0	0	0	0	6600
53	S-12.0	**S. 208th St. Sidewalk Project** South 208th Street from: 1st Ave. S. to: DMMD Install sidewalk and make pedestrian improvements.	PE			260	260						260
			RW			40	40						40
			CN			1300	1300						1300
				0	0	1600	1600	0	0	0	0	0	1600
54	TIF-8.0	**20th Ave. S. Improvement Project (Segment 2)** 20th Avenue South from: S. 240th St. to: S. 243rd Street Reconstruct and extend neighborhood collector street with curb, gutter and sidewalks.	PE			300	300						300
			RW				0						
			CN			1200	1200						1200
				0	0	1500	1500	0	0	0	0	0	1500
55	S-6.0	**20th Ave. S. Improvement Project (Segment 1)** 20th Avenue South from: S. 243rd St. to: S. 250th Street Reconstruct to Neighborhood Collector standards and provide curb, gutter and sidewalks.	PE		200	200	400						400
			RW				0						
			CN		1000	1000	2000						2000
				0	1200	1200	2400	0	0	0	0	0	2400
56	S-7.0	**South 250th/251st Street Improvement** South 250th/251st Street from: Marine View Drive to: 16th Ave. S. Construct bike lanes and curb, gutter and sidewalk on both sides.	PE		50	300	350						350
			RW		25	25	50						50
			CN		1200	1200	2400						2400
				0	1275	1525	2800	0	0	0	0	0	2800

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57	INT-2.0	**S. 250th Street and 16th Ave. S.** Intersection Improvements from: to: Add eastbound right turn pocket.	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250
58	S-9.0	**S. 272nd Street / Marine View Drive** from: to: Reconstruct roadway to improve horizontal and vertical alignment.	PE			150	150						150
			RW				0						
			CN		500	150	650						650
				0	500	300	800	0	0	0	0	0	800
59	INT-6.0	**Pacific Highway S. and S. 260th St.** Intersection Improvements from: to: Revise signal timing. Coordinate with the City of Kent.	PE		20	20	40						40
			RW				0						
			CN		120		120						120
				0	140	20	160	0	0	0	0	0	160
60	TIF-4.4	**16th Ave. S. Improvement Project (Segment 4)** 16th Avenue South from: S. 240th St. to: S. 250th St. Widen to three lane minor arterial with curbs, gutters, bike lanes and sidewalks.	PE			800	800						800
			RW			200	200						200
			CN		2000	1500	3500						3500
				0	2000	2500	4500	0	0	0	0	0	4500
61	S-10.0	**South 222nd Street Improvement Project** South 222nd Street from: Marine View Drive to: Pacific Highway South Reconstruct to Neighborhood Collector standards including two travel lanes, bicycle lanes, curb, gutter and sidewalks.	PE		300	200	500						500
			RW				0						
			CN		2000	500	2500						2500
				0	2300	700	3000	0	0	0	0	0	3000
62	TIF-1.1b	**S. 216th Street Improvement (Segment 1b)** Transportation Gateway Project (1 of 4 projects) South 216th Street from: East City Limits to: Pacific Highway South Widen to provide additional travel lanes, bike lanes, curb, gutter, & sidewalks. Project coordinated with WSDOT construction of SR509 to replace the I-5 overcrossing with transitions to the planned lane configuration.	PE			500	500						500
			RW			800	800						800
			CN	800	800	1000	2600						2600
				800	800	2300	3900	0	0	0	0	0	3900
63	TIF-7.2	**16th Ave. S. Improvement Project (Segment 5b)** 16th Avenue South from: S. 276th St. to: Pacific Highway South Widen to provide 3-land roadway w/curbs, gutters, bike lanes & sidewalks. Provide new alignment to Pacific Hwy. S. if feasible. Joint project w/City of Federal Way. Also coordinate w/City of Kent and King County Metro.	PE		240	200	440						440
			RW		900	600	1500						1500
			CN		1660	800	2460						2460
				0	2800	1600	4400	0	0	0	0	0	4400

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64	S-28.0	**S. 240th Street Overcrossing** Bridge Crossing over I-5 from: Pacific Highway South to: Military Road Construct bridge over Interstate 5. Coordinate with City of Kent.	PE			2000	2000						2000
			RW			1500	1500						1500
			CN			10000	10000						10000
				0		13500	13500	0	0	0	0	0	13500
65	S-23.0	**Marina Bike Connection** from: S. 227th Street to: Cliff Ave. S. Install bike connection through the Marina to link the Des Moines Creek Trail to S. 227th St.	PE			60	60						60
			RW			0	0						
			CN			100	100						100
				0	0	160	160	0	0	0	0	0	160
66	S-11.0	**S. 272nd Street Improvements** South 272nd Street from: Pacific Highway South to: 16th Ave. S. Install access control to enhance safety.	PE			20	20						20
			RW				0						
			CN			80	80						80
				0	0	100	100	0	0	0	0	0	100
67	INT-5.0	**Redondo Beach Drive and Redondo Way South** Intersection Improvements from: to: Install traffic signal, or consider other intersection treatments to enhance capacity.	PE		60	60	120						120
			RW				0						
			CN		400	200	600						600
				0	460	260	720	0	0	0	0	0	720
68	PRNIP-N2.0	**S. 220th St. Improvements** Pacific Ridge NIP N2 from: Pacific Highway South to: 30th Ave. S. Reconstruct roadway	PE			150	150						150
			RW			50	50						50
			CN			800	800						800
				0	0	1000	1000	0	0	0	0	0	1000
69	TIF-9.0	**S. 220th St. and Pacific Highway S.** Intersection Improvements from: to: Widen for left turn pockets, adjust roadway profile and approach grades, and revise signal phasing to remove split phasing	PE		100	50	150						150
			RW				0						
			CN		500	50	550						550
				0	600	100	700	0	0	0	0	0	700
70	PRNIP-S4.0	**S. 225th Pl. Connection Improvement** Pacific Ridge NIP S4 from: Pacific Highway South to: 30th Ave. S. Construct new pedestrian connection and potential roadway	PE			700	700						700
			RW			400	400						400
			CN			3500	3500						3500
				0	0	4600	4600	0	0	0	0	0	4600
71	PRNIP-N4.0	**S. 222nd Pl. Connection Improvement** Pacific Ridge NIP N4 from: 28th Ave. S. to: 30th Ave. S. Construct new roadway	PE			350	350						350
			RW			350	350						350
			CN			1200	1200						1200
				0	0	1900	1900	0	0	0	0	0	1900

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72	S-22.0	**South 227th Street Improvements** South 227th Street from: West City Limits to: Marine View Dr. Reconstruct roadway to improve bicycle connection between Marina and Marine View Drive	PE			150	150						150
			RW			0	0						0
			CN			1000	1000						1000
				0	0	1150	1150	0	0	0	0	0	1150
73	PRNIP-N1.0	**30th Ave. S. Improvements** Pacific Ridge NIP N1 from: S. 216th St. to: S. 220th St. Reconstruct roadway	PE			300	300						300
			RW			100	100						100
			CN			1200	1200						1200
				0	0	1600	1600	0	0	0	0	0	1600
74	PRNIP-N5.0	**30th Ave. S. Improvements** Pacific Ridge NIP N5 from: S. 222nd Pl. to: n/o S. 224th St. Reconstruct roadway	PE			120	120						120
			RW			40	40						40
			CN			640	640						640
				0	0	800	800	0	0	0	0	0	800
75	PRNIP-S1.0	**30th Ave. S. Improvements** Pacific Ridge NIP S1 from: n/o S. 224th St. to: S. 224th St. Reconstruct roadway	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250
76	PRNIP-S5.0	**30th Ave. S. Improvements** Pacific Ridge NIP S5 from: S. 224th St. to: Kent-Des Moines Rd. Reconstruct roadway	PE			600	600						600
			RW			200	200						200
			CN			3200	3200						3200
				0	0	4000	4000	0	0	0	0	0	4000
77	PRNIP-N3.1	**S. 219th St. Cul-de-Sac Improvement** Pacific Ridge NIP N3 (1 of 3) from: Eastern terminus to: I-5 Reconstruct roadway	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250
78	PRNIP-N3.2	**S. 220th St. Cul-de-Sac Improvement** Pacific Ridge NIP N3 (1 of 3) from: Eastern terminus to: I-5 Reconstruct roadway	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250

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79	PRNIP-N3.3	**S. 221st St. Cul-de-Sac Improvement** Pacific Ridge NIP N3 (1 of 3) from: Eastern terminus to: I-5 Reconstruct roadway	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250
80	PRNIP-S3.0	**S. 224th St. Cul-de-Sac Improvement** Pacific Ridge NIP S3 from: Eastern terminus to: I-5 Reconstruct roadway	PE			50	50						50
			RW				0						
			CN			200	200						200
				0	0	250	250	0	0	0	0	0	250
81	TIF-17.0	**8th Ave. S. and S. 200th Street** Intersection Improvements from: to: Install traffic signal, or consider other intersection treatments to enhance capacity.	PE			60	60						60
			RW				0						
			CN			240	240						240
				0	0	300	300	0	0	0	0	0	300
82	INT-1.0	**24th Ave. S. and S. 222nd Street** Intersection Improvements from: to: Install traffic signal, or consider other intersection treatments to enhance capacity.	PE			80	80						80
			RW			50	50						50
			CN			420	420						420
				0	0	550	550	0	0	0	0	0	550
83	TIF-19.0	**20th Ave. S. and S. 240th St. Improvement Project** Intersection Improvements from: to: Widen to provide left turn pockets. Install traffic signal at 20th and 240th if warranted.	PE		125	125	250						250
			RW		25	25	50						50
			CN		700	700	1400						1400
				0	850	850	1700	0	0	0	0	0	1700
84	INT-3.0	**Des Moines Memorial Drive and S. 208th St.** Intersection Improvements from: to: Widen DMMD to add left turn pockets at S. 208th Street.	PE			50	50						50
			RW				0						
			CN		100	100	200						200
				0	100	150	250	0	0	0	0	0	250
85	INT-4.0	**Des Moines Memorial Drive and S. 212th St.** Intersection Improvements from: to: Widen DMMD to add left turn pockets at S. 208th Street.	PE			50	50						50
			RW				0						
			CN		100	100	200						200
				0	100	150	250	0	0	0	0	0	250

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86	S-19.0	**S. 272nd Street/10th Ave. S.** South 272nd Street / 10th Avenue South from: 16th Ave. S. to: Redondo beach Drive Install sidewalk and make pedestrian improvements.	PE		700	700	1400						1400
			RW		800	800	1600						1600
			CN		2250	2250	4500						4500
				0	3750	3750	7500	0	0	0	0	0	7500
87	S-2.2	**8th Ave. S. Improvement Project (Segment 2)** 8th Avenue South (North Hill) from: S. 200th Street to: S. 208th Street Reconstruct to Minor Arterial standards including bike lanes, curbs, gutters, and sidewalks.	PE			500	500						500
			RW				0						
			CN			1500	1500						1500
				0	0	2000	2000	0	0	0	0	0	2000
88	S-17.0	**Marine View Drive Sidewalk Project** Marine View Drive from: S. 250th Street to: Woodmont Dr. S. Install sidewalk and make pedestrian improvements.	PE			300	300						300
			RW			50	50						50
			CN			2150	2150						2150
				0	0	2500	2500	0	0	0	0	0	2500
89	S-18.0	**Woodmont Drive South Sidewalk Project** Woodmont Drive South from: Marine View Drive to: 16th Ave. S. Install sidewalk and make pedestrian improvements.	PE			350	350						350
			RW			50	50						50
			CN			2600	2600						2600
				0	0	3000	3000	0	0	0	0	0	3000
90	S-16.0	**16th Ave. S. Sidewalk Project** 16th Avenue South from: S. 220th Street to: Kent-Des Moines Road Install sidewalk and make pedestrian improvements.	PE			200	200						200
			RW			50	50						50
			CN			1650	1650						1650
				0	0	1900	1900	0	0	0	0	0	1900
91	S-13.0	**S. 220th St. Sidewalk Project** South 220th Street from: 11th Ave. S. to: 16th Ave. S. Install sidewalk and make pedestrian improvements.	PE			160	160						160
			RW			40	40						40
			CN			900	900						900
				0	0	1100	1100	0	0	0	0	0	1100
92	S-14.0	**9th Ave. S. Sidewalk Project** 9th Avenue South from: S. 220th Street to: S. 223rd Street Install sidewalk and make pedestrian improvements.	PE			80	80						80
			RW			20	20						20
			CN			400	400						400
				0	0	500	500	0	0	0	0	0	500
93	S-15.0	**10th Ave. S. Sidewalk Project** 10th Avenue South from: S. 220th Street to: Kent-Des Moines Road Install sidewalk and make pedestrian improvements.	PE			200	200						200
			RW			50	50						50
			CN			1250	1250						1250
				0	0	1500	1500	0	0	0	0	0	1500

24TH AVE S PROPOSED SPEED LIMIT CHANGE
MAY 9, 2019

PROJECT BACKGROUND

24TH AVE S CORRIDOR IMPROVEMENTS

- 24th Ave S - S 216th St to S 208th St: two lane arterial to a five lane arterial including sidewalks and bike lanes on both sides to serve the Des Moines Business Park, the FAA building.
- 24th/ 28th Connection Project – S 208th St to S 188th St: City of SeaTac's new roadway connecting the business park, SeaTac Airport and the Angle Lake Sound Transit Rail Station.
- Changes in average daily traffic volume and vehicle speeds have been a direct result of the improvements and connection completion.

WAC 468.95.045

- Public agencies should reevaluate speed limits on segments of their roadways that have undergone a significant change in roadway characteristics.

PUBLIC INTEREST

- Citizens & Police Department.

DISCUSSION

Speed limits are set based on national standard guidelines from the Federal Highway Administration's Manual on Uniform Traffic Control Devices (MUTCD) & the Methods and Practices for Setting Speed Limits Report, which included the following metrics:

- Speed limit consistency
  - The City of SeaTac's 24th Ave S segment has a 35mph posted speed limit. The City of Des Moines's 24th Ave S segment has a 30mph posted speed limit.
- 85th percentile speed limit – the speed at or below which 85 percent of all vehicles travel under free-flowing conditions.
  - A recent speed study recorded the following 85th percentile speed limits: 49 mph for southbound traffic and 50 mph for northbound traffic on 24th Ave S.
- Roadway characteristics
  - 24th Ave S – S 216th St to S 208th St has straight alignment, five 12-ft lanes & two 6-ft bike lanes.
  - Stopping & passing sight distance meet the minimum design requirements.
  - On street parking is not allowed on 24th Ave S.

NEXT STEPS

Staff will present a draft ordinance for the proposed speed limit change on 24th Ave S – S 216th St to S 208th St at a future Council meeting in June, 2019.

24TH AVE S PROPOSED SPEED LIMIT CHANGE
MAY 9, 2019

a) 24th Ave S – S 216th St to S 208th St Segment before the improvements in 2014.

b) 24th Ave S – S 216th St to S 208th St Segment after the improvements in 2014.