

**EXHIBIT**  
 270  
 2-6-02  
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**Table A-3. Sea-Tac Airport Master Plan Update projects requiring stormwater management.<sup>a</sup>**

Activity	Construction		Year MPU in Service <sup>b</sup>	Facility (Year in Service)	New or Retrofit	Comment
	Start	End				
<b>A. RUNWAY AND TAXIWAYS</b>						
<b>Runway Safety Area</b>						
Runway 34R Safety Fill	1/96	12/96	Yes	SDS(S)	Retrofit	No new impervious; detention was not required when the facility was built
Auburn Wetlands Mitigation	8/01	6/04	No	N/A	—	No new impervious
Miller Creek Relocation	4/02	12/02	No	N/A	—	No new impervious
Vacca Farm Floodplain Restoration	3/02	12/02	No	N/A	—	No new impervious
154 <sup>th</sup> / 156 <sup>th</sup> Street Relocation	4/02	10/03	Yes <sup>c</sup>	MCDF (1)	Retrofit	No new net impervious; detention provided in regional facility
Safety Areas 16R/16L	5/04	10/05	Yes	SDN2x/4x (4)	New	New fill and impervious
Miller Creek Sewer Relocation	3/02	12/02	No	N/A	—	No new impervious
<b>Embankment</b>						
Property Acquisition, Street and Utility Vacation	1/98	12/04	No	N/A	—	Impervious area removed
Borrow sites 1, 3A, and 4	6/02	6/06	No <sup>d</sup>	Temporary detention	—	Cleared and graded areas will drain to temporary TESC ponds
Phase 1 1997 Embankment Stockpile	6/97	11/97	No <sup>d</sup>	Temporary detention	—	Cleared and graded areas will drain to temporary TESC ponds
Phase 2 1998 Embankment Fill	3/98	10/98	No <sup>e</sup>	Temporary detention	New	Cleared and graded areas will drain to temporary TESC ponds
Phase 3 1999 Embankment Fill	3/99	3/01	No <sup>e</sup>	Temporary detention	New	Cleared and graded areas will drain to temporary TESC ponds
Phase 4 2000-2001 Embankment Fill	5/01	1/02	No <sup>e</sup>	Temporary detention	New	Cleared and graded areas will drain to temporary TESC ponds

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Activity	Construction		Year MPU in Service <sup>b</sup>	Facility (Year in Service)	New or Retrofit	Comment
	Start	End				
Temporary SR-518 Interchange	5/02	10/02	—	Temporary detention	—	New temporary impervious
Temporary SR-509 Interchange	6/01	10/01	—	Temporary detention	—	New temporary impervious
<b>FAA &amp; NAVAIDS</b>						
Relocation of Airborne Cargo	10/99	8/00	T	SASA (4)	Retrofit	Retrofit existing conditions, no net new impervious
New ATCT	3/00	9/02	4	SASA (4)	Retrofit	Retrofit existing conditions, no net new impervious
Relocate ASR	6/01	8/04	4	On-site detention ponds	New	New impervious
ASDE, NAVAIDS	6/01	8/04	4	—	New or retrofit	New impervious or retrofit existing conditions
<b>Airfield</b>						
Interconnecting Taxiways 16R-34L	4/94	12/95	T	1) SDN3x (4) <sup>i</sup>	Retrofit	Retrofit existing conditions
				2) SDN2x/4x (4) <sup>i</sup>		
				3) SDS3 (6)		
Phase 1 1998 Taxiway Construction	4/98	6/98	T	SDS3A (T)	New	Retrofit existing conditions, new impervious in SDS3
				1) SDN3x (4) <sup>i</sup>		
				2) SDN2x/4x (4) <sup>i</sup> 3) SDS3 (6)		
Phase 2 1999 Taxiway Construction	3/99	12/99	T	SDS3A (T)	New	Retrofit existing conditions, new impervious in SDS3
				1) SDN3x (4) <sup>i</sup>		
				2) SDN2x/4x (4) <sup>i</sup> 3) SDS3 (6)		

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Activity	Construction		Permanent Stormwater Detention Provided?	Year MPU in Service <sup>b</sup>	Facility (Year In Service)	New or Retrofit	Comment
	Start	End					
Phase 3 2002-2004 Runway 16X/34X	3/05	12/06	Yes	6	1) SDS7 (5) 2) SDW1A (6) 3) SDW1B (6) 4) SDW2 (6) 5) SDN3A (5)	New	New impervious
<b>Other</b>							
New Snow Equipment Storage	11/96	9/97	Yes	T	SDS3 (6)	New	New impervious areas are included in runway/taxiway drainage
<b>B. TERMINAL AND LANDSIDE IMPROVEMENTS – 1996-2000 (PHASE I)</b>							
<b>Terminal/Roadways</b>							
Central Terminal Expansion	3/02	11/04	Yes	4	SASA (4)	Retrofit	Retrofit existing conditions
Expansion of Concourse A (South Terminal)	12/99	12/03	Yes	3	SASA (4)	Retrofit	Retrofit existing conditions
Improvements to Main Terminal Roads (Ground access and seismic improvements, widen lower terminal drive, widen north entry drive)	3/97	9/99	Yes	T	SASA (4)	Retrofit	Retrofit existing conditions
Satellite Transit Shuttle System Rehab	2/00	12/01	No	—	N/A	—	Drains to IWS
Westin Hotel			Yes	—	SASA (4)	Retrofit	Project cancelled but included in SMP, no net new impervious, will be retrofitted by SASA facility

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	Start	End					
<b>Air Cargo</b>							
Redevelopment of North Air Cargo (ground support equipment relocation)	2001	2006	Yes	6	SDN1 (6)	Retrofit, New	Retrofit existing conditions. Increase in SDN1 is offset by previous SDN1 and SDN2 reroutes to IWS.
<b>Runway/Apron</b>							
Removal of displaced threshold on Runway 16L	2000	2000	Yes	—	SDN2x/4x	Retrofit	No net new impervious
<b>Parking</b>							
Main Garage Expansion to South, North, East	2/98	5/00	No	T	N/A	—	Drains to IWS
NEPL, Phase 1	7/97	7/98	Yes	T	NEPL retrofit vault (4)	Retrofit	Retrofit existing NEPL
<b>C. TERMINAL AND LANDSIDE IMPROVEMENTS – 2000-2005 (PHASE II)</b>							
<b>SASA</b>							
SASA Site preparation	2004	2006	No <sup>d</sup>	—	N/A	—	Cleared and graded areas will drain to TESC ponds
SASA and Access Taxiways	2004	2007	Yes	7	SASA (4)	New	Retrofit existing conditions, new impervious (SDS and IWS)
Ground Support Equipment Location	2004	2006	Yes	6	SASA (4)	New	Retrofit existing conditions, new impervious
Ground/Corporate Aviation Facilities (SASA)	2004	2006	Yes	6	SASA (4)	New	Retrofit existing conditions, new impervious
Relocation of United Maintenance Complex to SASA	2004	2006	Yes	6	SASA (4)	New	Retrofit existing conditions, new impervious at SASA

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	Start	End					
<b>Terminal/Roadways</b>							
Improved Access and Circulation Roadway Improvements	2001	2005	Yes	5	SASA (4)	Retrofit	Retrofit existing conditions, no new net impervious
First Phase of North Unit Terminal (South Pier)	2006	2008	Yes <sup>b</sup>	8	SASA (4)	Retrofit	Retrofit existing conditions, no new net impervious
Ramps off SR-518, S. 160 <sup>th</sup> Improvements			No <sup>a</sup>	—	N/A	—	Project cancelled
North Unit Terminal Roadways	2006	2008	Yes <sup>b</sup>	8	SASA (4)	Retrofit	Retrofit existing conditions, no new net impervious
New ARFF (fire station)	2006	2007	Yes <sup>b</sup>	7	SASA (4)	Retrofit	Retrofit existing conditions
Improvements to South Access Connector Roadway	2006	2008	Yes	8	SASA (4)	Retrofit, New	Retrofit existing conditions and new impervious
<b>Air Cargo</b>							
Continued Expansion of North Cargo Facilities	2001	2005	Yes	5	Cargo vault (4)	Retrofit	Retrofit existing conditions
<b>Runway/Apron</b>							
Dual Taxiway 34R	2010	2015	Yes	15	SDS4 (5)	Retrofit	Retrofit existing conditions
<b>Parking</b>							
Expansion of NEPL to 6000 stalls	2002	2004	No <sup>a</sup>	4		New	New impervious, project not included in SMP
First Phase of North Unit Terminal Parking Structure	2006	2009	Yes	9	SASA(4)	Retrofit	Retrofit existing conditions

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	Start	End				
<b>D. TERMINAL AND LANDSIDE IMPROVEMENTS – 2006-2010 (PHASE III)</b>						
<b>Terminal/Roadways</b>						
Expansion of North Unit Terminal (North Pier)	2006	2010	10	SASA (4)	Retrofit	Retrofit existing conditions
Complete Connectors to South Access Roadway	2006	2010	10	SASA (4)	Retrofit	Retrofit existing conditions
<b>Air Cargo</b>						
Cargo Warehouse at 24 <sup>th</sup> Avenue South	2006	2010	10	Cargo vault (4)	New	Retrofit existing conditions, new impervious
<b>Runway/Apron</b>						
Extension of Runway 34R by 600 feet	2006	2010	10	SDS4 (5)	New, Retrofit	Retrofit existing conditions
Additional Taxiway Exits on 16L/34R	2006	2010	—	N/A	—	Future project not included in SMP
<b>Parking</b>						
Additional Expansion of Main Parking Garage	2006	2010	—	N/A	—	Future project not included in SMP
Additional Expansion of North Employee Parking Lot	2006	2010	—	N/A	—	Future project not included in SMP
Expand North Unit Parking Structure	2010	2013	—	N/A	—	Future project not included in SMP
<b>E. TERMINAL AND LANDSIDE IMPROVEMENTS – 2010-2020 (PHASE IV)</b>						
<b>SR-509 Extension/South Access</b>						
SR-509 Extension/South Access	2005	2010	—	N/A	—	WSDOT project/ New impervious

**Table A-3. Sea-Tac Airport Master Plan Update projects requiring stormwater management (continued).<sup>a</sup>**

Note: T = End of 2000.

- a Projects with new impervious surface, changed land cover, or change from IWS to SDS. Based on information presented in Master Plan Update FEIS and subsequent schedules. Schedule of Phase II-IV projects is approximate, and schedule and data on all projects are subject to change. Schedule assumes Section 404 permit granted in Summer 2001.
- b End of first calendar year following approval of permit. For example, if permit is issued in 2001, year 1 is the end of 2001.
- c Construction of 154<sup>th</sup> below the MCDF will be offset by removal of existing houses in the MC4, MC5, and MC6 basins. 154<sup>th</sup> upstream of the MCDF will be controlled by the MCDF outlet.
- d Temporary construction facility. Temporary detention provided. No permanent detention required.
- e Detention included in TESC facilities. At final buildout, detention is included in Airfield phase 3.
- f New navigation facilities will require revisions to SMP if there is new impervious area required.
- g Not included in MPU SMP.
- h Project was included in SMP but is under evaluation for modification. The SMP considers original project proposal. Increases in net impervious area will require revisions to the SMP.
- i New impervious areas in Miller Creek basin are temporarily offset by IWS diversions.