

APPENDIX E

Draft Permit Applications

USACE Section 10/404 Permit.....	1
Coastal Project Questionnaire and Certification Statement.....	13
DNR Title 41 Permit.....	41
Kenai Peninsula Borough Floodplains Permit.....	47

The Public burden for this collection of information is estimated to average 10 hours per response, although the majority of applications should require 5 hours or less. This includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters Service Directorate of Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302; and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003), Washington, DC 20503. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

PRIVACY ACT STATEMENT

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research and Sanctuaries Act, 33 USC 1413, Section 103. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued.

One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)

1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETED
--------------------	----------------------	------------------	-------------------------------

(ITEMS BELOW TO BE FILLED BY APPLICANT)

5. APPLICANT'S NAME Alaska Department of Transportation and Public Facilities	8. AUTHORIZED AGENT'S NAME AND TITLE <i>(an agent is not required)</i> DOWL Engineers, Cecile Davis
6. APPLICANT'S ADDRESS 4111 Aviation Drive Anchorage, AK 99519	7. AGENT'S ADDRESS 4041 B Street Anchorage, AK 99508
7. APPLICANT'S PHONE NOS. W/AREA CODE a. Residence b. Business 907-269-0537	10. AGENT'S PHONE NOS. W/AREA CODE a. Residence b. Business 907-562-2000

11. **STATEMENT OF AUTHORIZATION**

I hereby authorize DOWL Engineers to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

APPLICANT'S SIGNATURE
DATE

NAME, LOCATION AND DESCRIPTION OF PROJECT OR ACTIVITY

12. PROJECT NAME OR TITLE <i>(see instructions)</i> Seward Airport Master Plan	
13. NAME OF WATERBODY, IF KNOWN <i>(if applicable)</i> Resurrection River, Unnamed Stream	14. PROJECT STREET ADDRESS <i>(if applicable)</i> 2310 Airport Road Seward, AK 99664
15. LOCATION OF PROJECT <u>Kenai Peninsula Borough</u> <u>Alaska</u> COUNTY STATE	

16. OTHER LOCATION DESCRIPTIONS, IF KNOWN *(see instructions)*
Sections 34 & 35 of T01N, R01W and Sections 2 & 3 of T01S, R01W, Seward Meridian

17. DIRECTIONS TO THE SITE
Take the Seward Highway north out of Seward approximately 2 miles. Turn right on Airport Road.

18. Nature of Activity (Description of project, include all features)

Wetland Fill Areas:

Runway 12-30: Raise Runway 12-30 to be above the 100-year flood elevation (Figures 3-5 & 9). Runway 12-30 would thereby provide flood protection to the remainder of the Airport. This would also raise the area between the north end of Runway 12-30 and the railroad and would construct additional erosion protection in this area. The centerline of Runway 12-30 would be shifted approximately six feet southwest to avoid impacts to the Resurrection River and still accommodate the increased fill material and erosion protection. Riprap will be placed along the runway embankment to accommodate a 1:1.5 slope and minimize the wetland impact.

Taxiway A: Widening of Taxiway A to 79 feet to meet ARC B-II standards. Fill to be placed on both sides of the taxiway (Figures 6 & 10).

Security Fencing: Install security fencing from the Resurrection River on the east side of the Airport along the Airport Access Road to Resurrection Bay at the south end of the Airport.

Culvert Replacement:

Taxiway A: Replacement of the culvert under Taxiway A to provide capacity for wind-driven tidal flows (Figure 8). The culvert will be replaced with and 8x12 squash pipe with baffles every fifteen feet to retain natural bottom material. Since this unnamed stream supports pink salmon, the culvert has been designed to Tier 1 fish passage standards.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The purpose of the proposed action is to address safety considerations at the Seward Airport and ensure that the Airport meets Airport Reference Code B-II standards. Major safety deficiencies include inadequate runway safety area length, inadequate taxiway safety area width, the NAVAIDS and airfield lighting system are in poor condition, and the elevation of Runway 12-30 is below the 100-year flood level. The proposed action would retain the existing airfield layout, but would reconstruct both runways and raise Runway 12-30 to be above the 100-year flood elevation. Runway 12-30 would thereby provide flood protection to the remainder of the Airport. This would also raise the area between the north end of Runway 12-30 and the rail road and would construct additional erosion protection in this area. The centerline of Runway 12-30 would be shifted approximately six feet southwest to avoid impacts to the Resurrection River and still accommodate the increased fill material and erosion protection. Runway 12-30 would be designed as a B-II runway. A new runway lighting system would be in stalled on Runway 12-30.

Additional activities include widening of Taxiway A to 79 feet to meet Airport Reference Code B-II standards and replacement of the culvert under Taxiway A to provide capacity for wind-driven tidal flows.

Mitigation for the loss of wetlands associated with this project was discussed with the USACE and will include all or some of the following:

- Preventing ATV and other access that is currently causing damage to the wetlands between the airport runways by installing security fencing.

USE BLOCKS 20-22 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Fill will be placed in wetlands for the necessary upgrades to Runway 12-30, Taxiway A, and installation of the securing fencing postholes.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards

Riprap for Runway – 6,500 cubic yards

Fill for Taxiway – 1,700 cubic yards

Fill for Securing Fencing Postholes – 136 cubic yards

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Runway Improvements – 0.898 acre

Taxiway Widening – 0.596 acre

Fill for Securing Fencing Postholes – 0.021 acre

At the southern end of the runway improvement, fill would be placed in 0.044 acre of wetland that are subject to the ebb and flow of the tide (Areas 7-10, Figure 5). This work will require a Section 10 Permit.

23. Is Any Portion of the Work Already Complete? Yes _____ No X IF YES, DESCRIBE THE COMPLETED WORK

24. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

Alaska Railroad Corporation: 2010 Leirer Rd, 2001 & 2310 Airport Rd

Civil Air Patrol, 2508 Seward Hwy

City of Seward: 1600 Dinah St, 1905 & 1900 Cottonwood Ave, 1500 Airport Rd

Nelson Property LLC, 1711 Darrell St

Patricia Freeman Rev Trust: 2011 Sharon Drive

Basil Bolstridge et al: 2010 & 2004 Sharon Ave

Leif Olson & Karyn Clemens: 2608 Seward Hwy
 Martin Kowalski: 1906 Sharon Ave
 Leirer Family Ltd Partnership: 1800 & 1600 Airport Road

John Todd Jr.: 1600 B Street
 Margret McRae Living Trust: 1901 David Ave
 Raymond Gillespie et al: 2407 & 2501 Seward Highway

25. List of Other Certifications or Approvals/Denials Received from other Federal, State, or Local Agencies for Work Described in This Application

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
DOT&PF	NEPA FONSI		Concurrent with this application		
State of Alaska	SHPO Compliance		Concurrent with this application		
State of Alaska	Coastal Project Questionnaire		Concurrent with this application		
USACE	Jurisdictional Determination		May 9, 2006	September 12, 2006	
Kenai Peninsula Borough	Floodplain Development Application		Concurrent with this application		
State of Alaska	General Waterway/Waterbody Application		Concurrent with this application		

*Would include but is not restricted to zoning, building and flood plain permits

26. Application is hereby made for a permit or permits to authorize the work described in this application. I certify that the information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

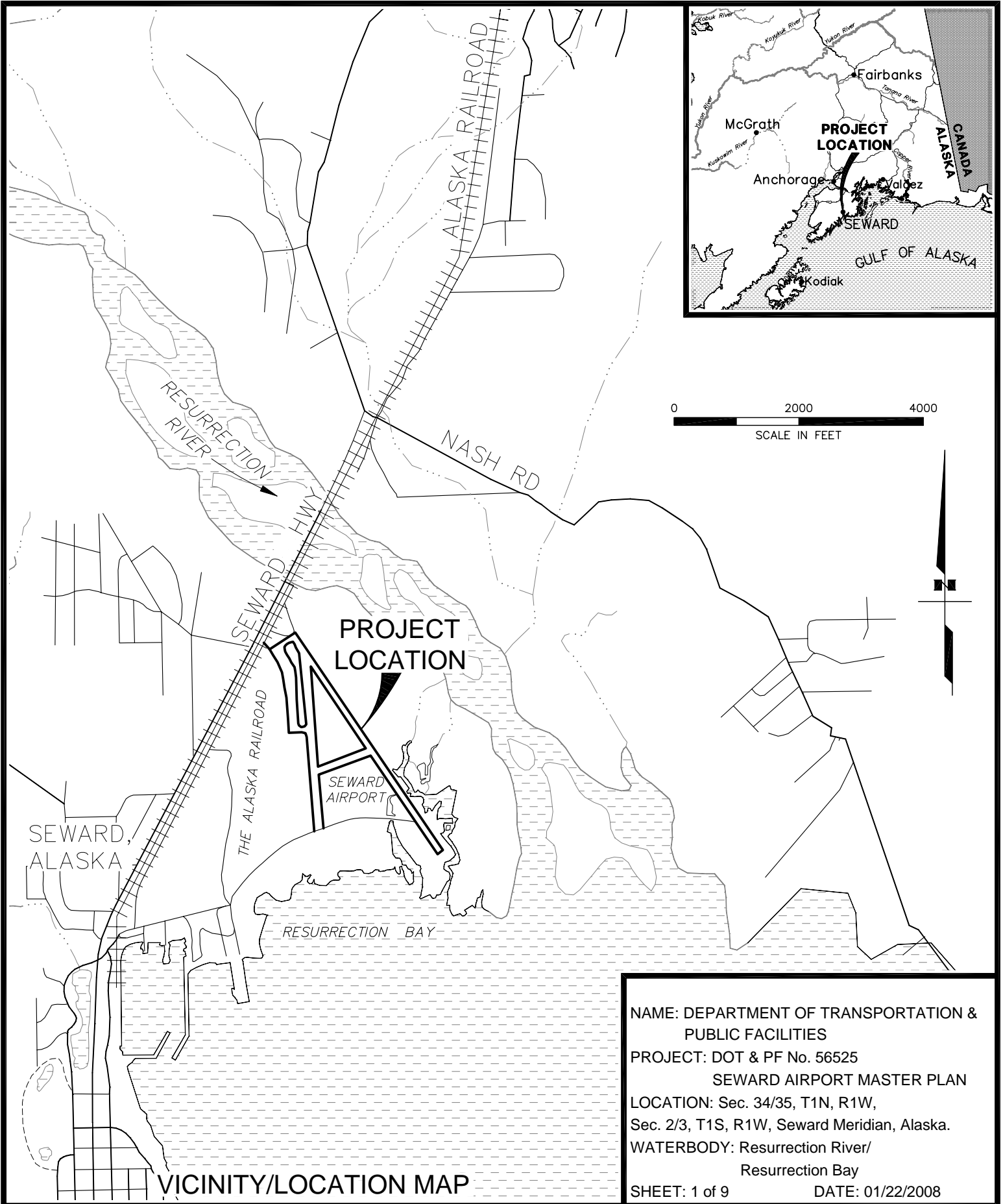
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SIGNATURE OF AGENT

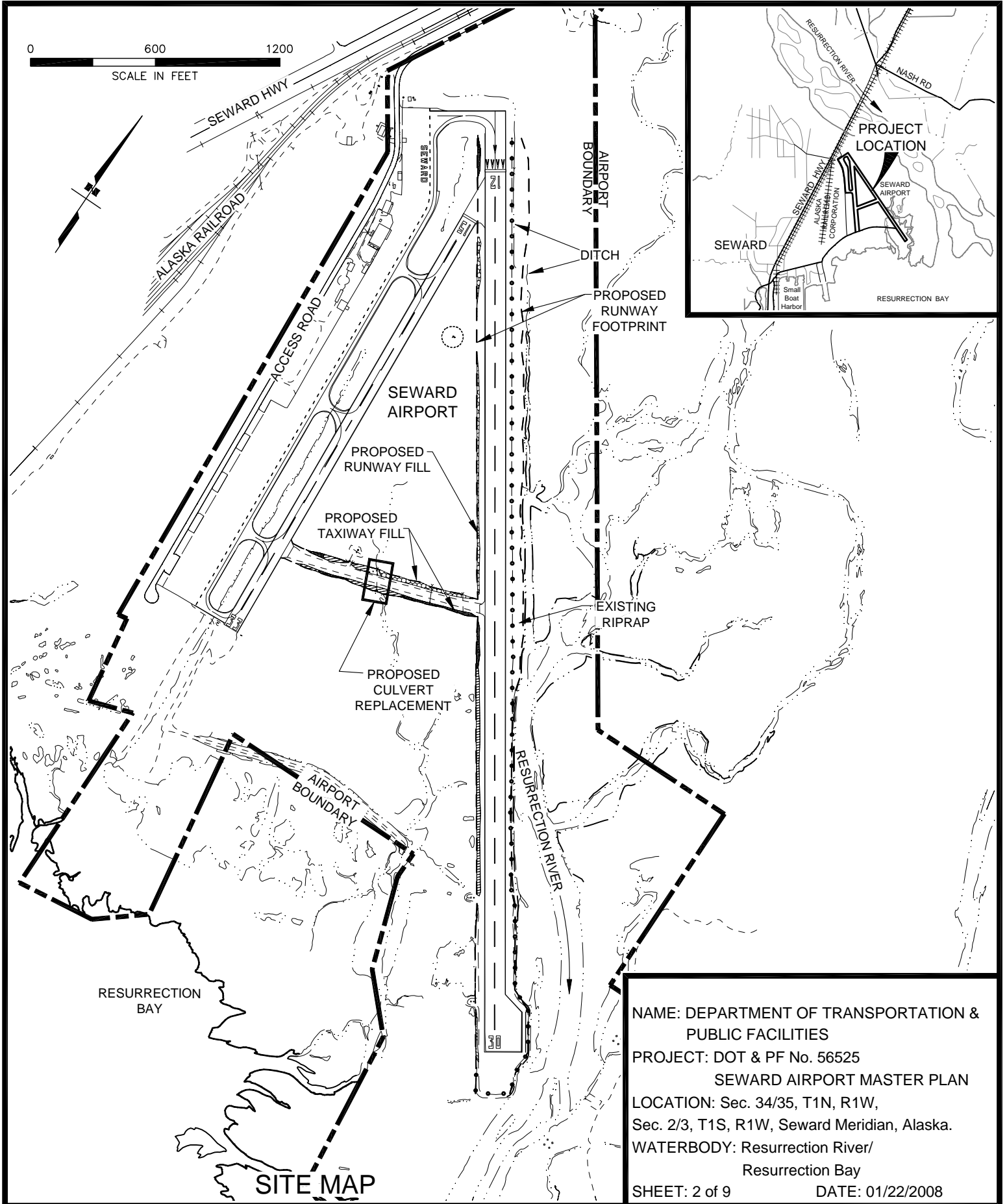
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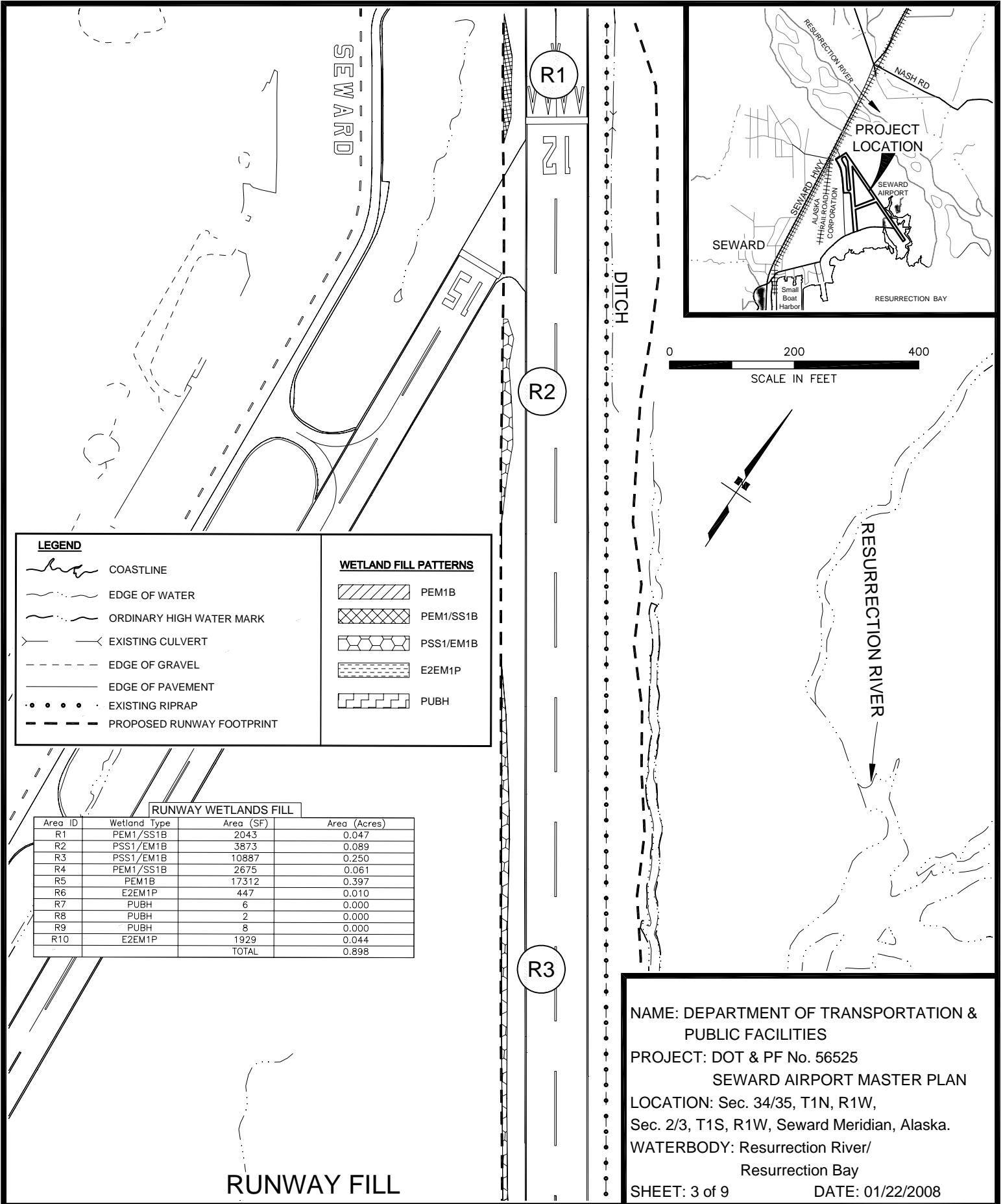
The application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
PROJECT: DOT & PF No. 56525
SEWARD AIRPORT MASTER PLAN
LOCATION: Sec. 34/35, T1N, R1W,
Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
WATERBODY: Resurrection River/
Resurrection Bay
SHEET: 1 of 9 DATE: 01/22/2008





LEGEND

- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

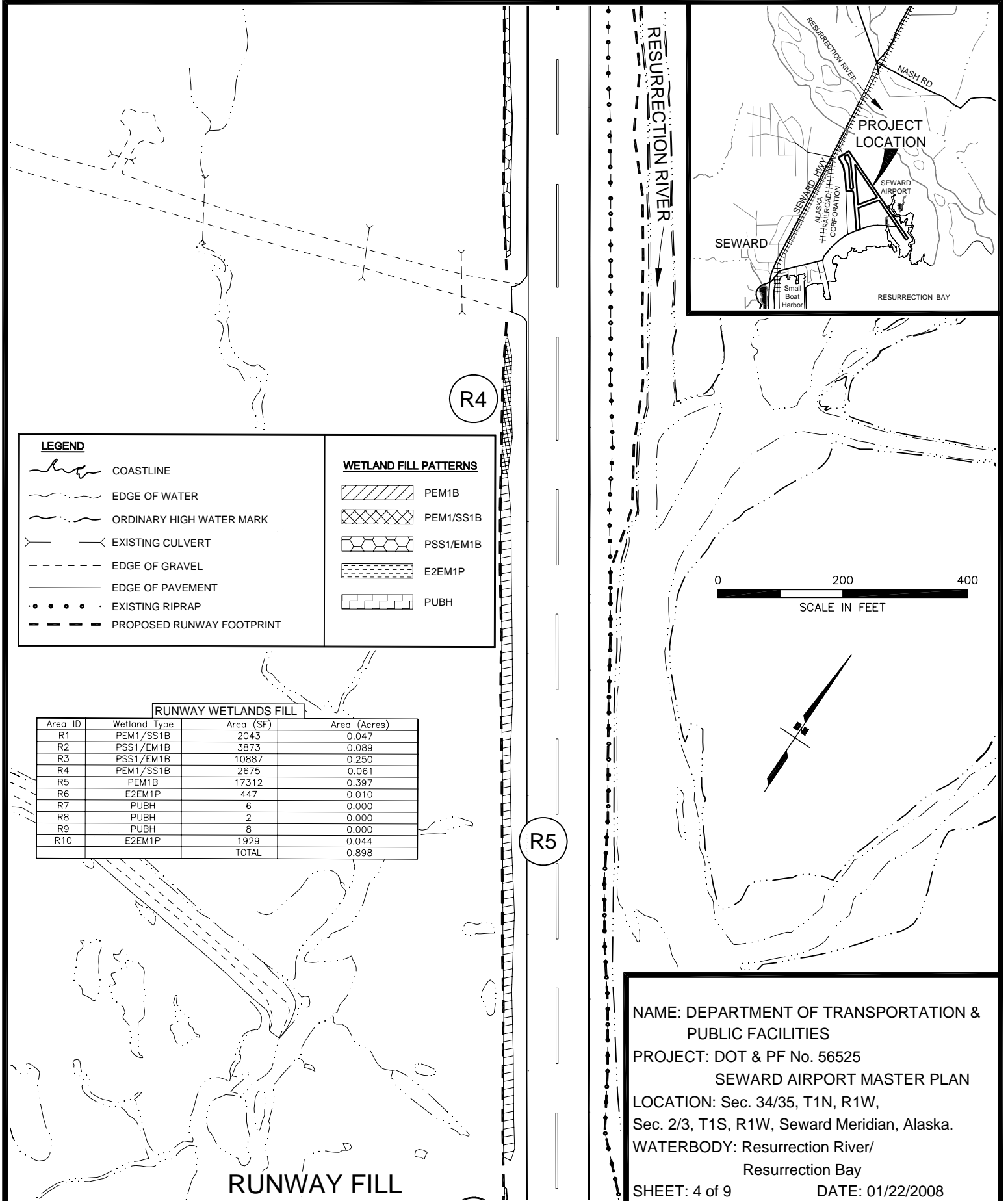
WETLAND FILL PATTERNS

- PEM1B
- PEM1/SS1B
- PSS1/EM1B
- E2EM1P
- PUBH

RUNWAY WETLANDS FILL

Area ID	Wetland Type	Area (SF)	Area (Acres)
R1	PEM1/SS1B	2043	0.047
R2	PSS1/EM1B	3873	0.089
R3	PSS1/EM1B	10887	0.250
R4	PEM1/SS1B	2675	0.061
R5	PEM1B	17312	0.397
R6	E2EM1P	447	0.010
R7	PUBH	6	0.000
R8	PUBH	2	0.000
R9	PUBH	8	0.000
R10	E2EM1P	1929	0.044
	TOTAL		0.898

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 LOCATION: Sec. 34/35, T1N, R1W, Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 3 of 9 DATE: 01/22/2008



LEGEND

- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

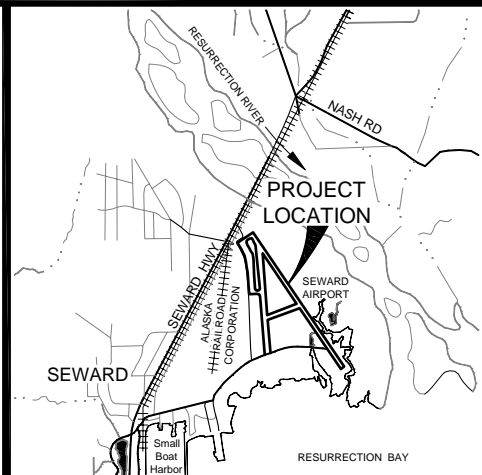
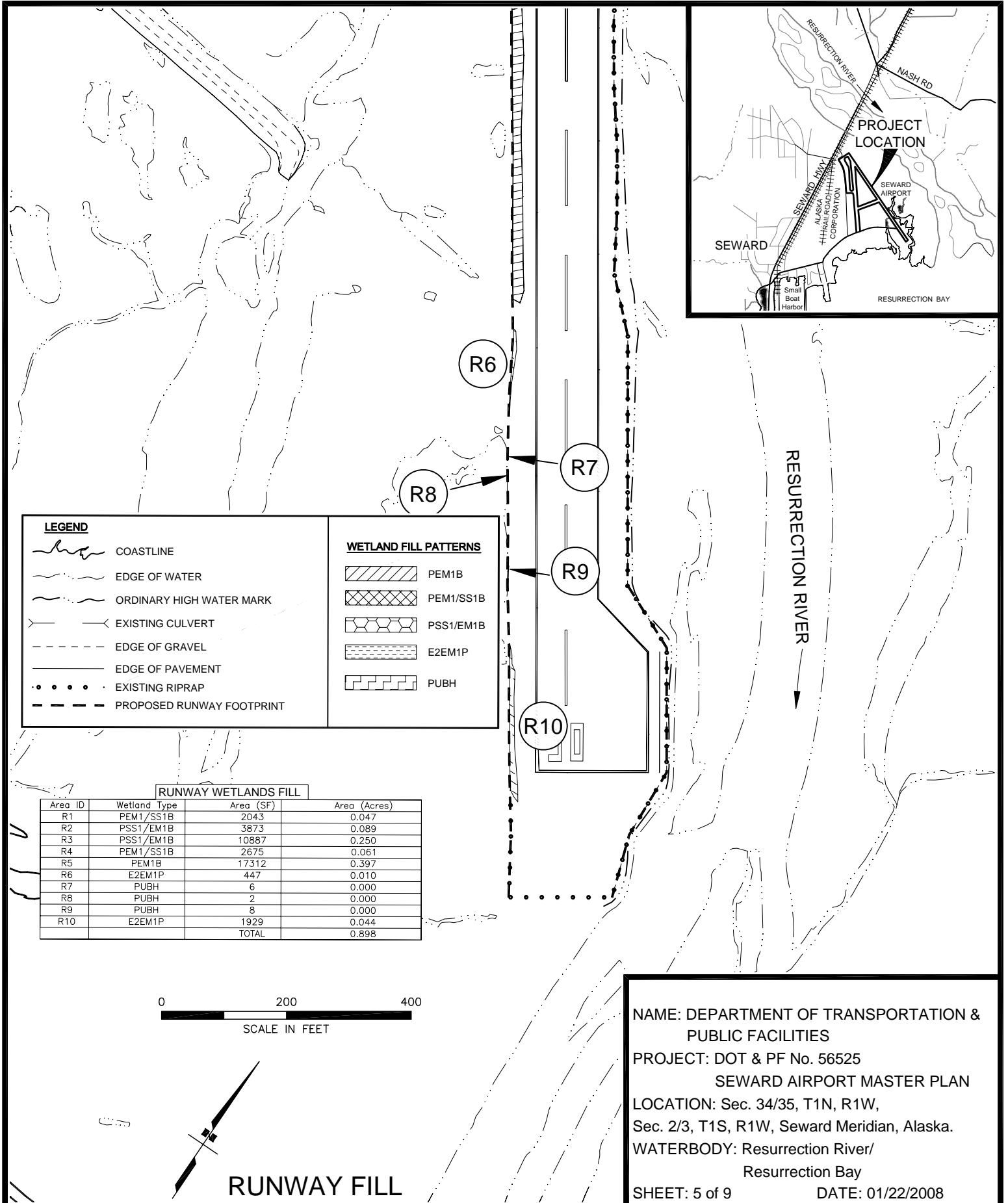
WETLAND FILL PATTERNS

- PEM1B
- PEM1/SS1B
- PSS1/EM1B
- E2EM1P
- PUBH

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R5	PEM1B	17312	0.397
R6	E2EM1P	447	0.010
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 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 4 of 9 DATE: 01/22/2008



LEGEND

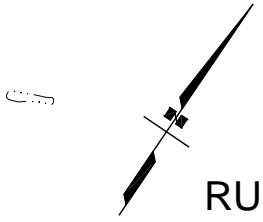
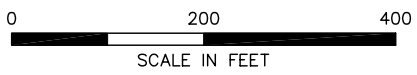
- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

WETLAND FILL PATTERNS

- PEM1B
- PEM1/SS1B
- PSS1/EM1B
- E2EM1P
- PUBH

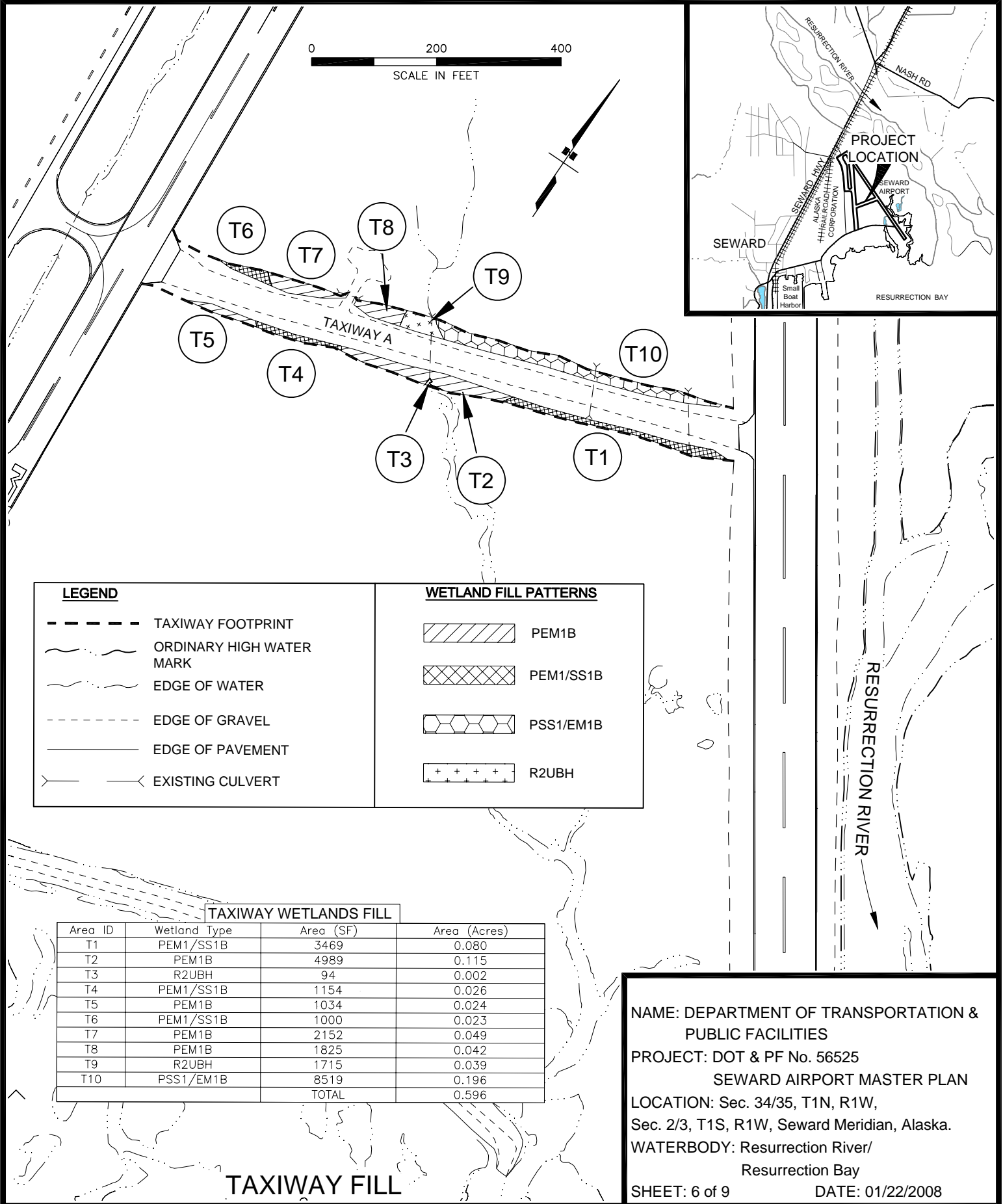
RUNWAY WETLANDS FILL

Area ID	Wetland Type	Area (SF)	Area (Acres)
R1	PEM1/SS1B	2043	0.047
R2	PSS1/EM1B	3873	0.089
R3	PSS1/EM1B	10887	0.250
R4	PEM1/SS1B	2675	0.061
R5	PEM1B	17312	0.397
R6	E2EM1P	447	0.010
R7	PUBH	6	0.000
R8	PUBH	2	0.000
R9	PUBH	8	0.000
R10	E2EM1P	1929	0.044
	TOTAL		0.898



RUNWAY FILL

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 LOCATION: Sec. 34/35, T1N, R1W, Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 5 of 9 DATE: 01/22/2008



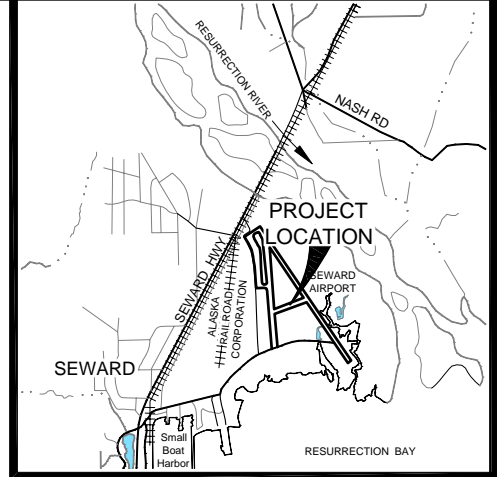
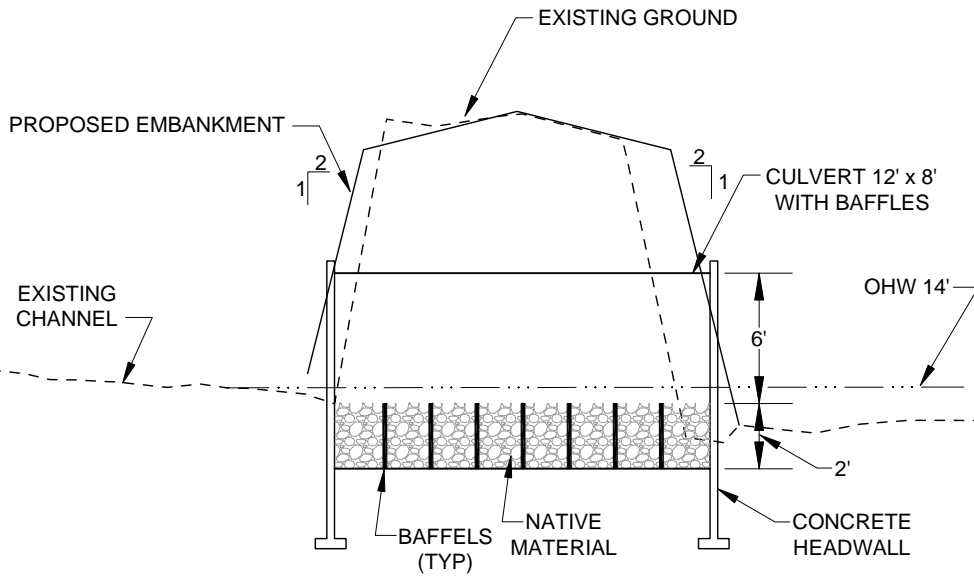
LEGEND		WETLAND FILL PATTERNS	
---	TAXIWAY FOOTPRINT		PEM1B
~~~~~	ORDINARY HIGH WATER MARK		PEM1/SS1B
~~~~~	EDGE OF WATER		PSS1/EM1B
---	EDGE OF GRAVEL		R2UBH
---	EDGE OF PAVEMENT		
>---	EXISTING CULVERT		

TAXIWAY WETLANDS FILL

Area ID	Wetland Type	Area (SF)	Area (Acres)
T1	PEM1/SS1B	3469	0.080
T2	PEM1B	4989	0.115
T3	R2UBH	94	0.002
T4	PEM1/SS1B	1154	0.026
T5	PEM1B	1034	0.024
T6	PEM1/SS1B	1000	0.023
T7	PEM1B	2152	0.049
T8	PEM1B	1825	0.042
T9	R2UBH	1715	0.039
T10	PSS1/EM1B	8519	0.196
	TOTAL		0.596

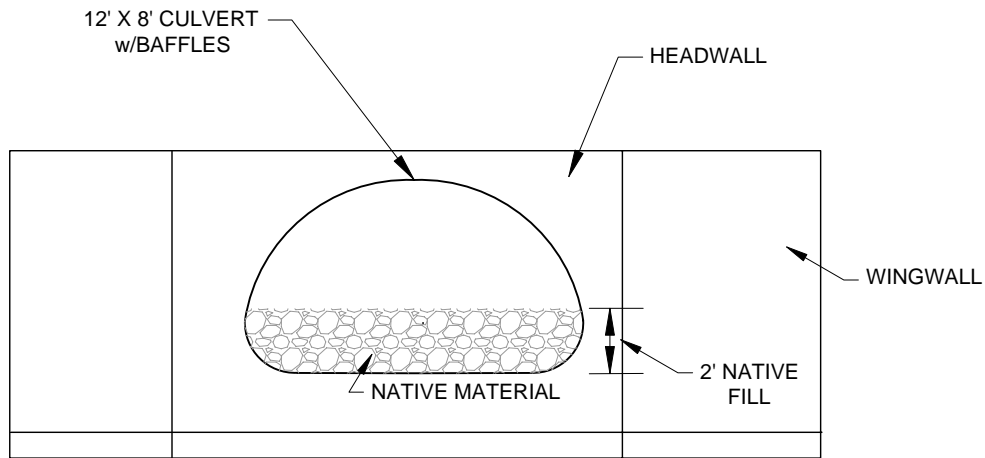
TAXIWAY FILL

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 PROJECT: DOT & PF No. 56525
 SEWARD AIRPORT MASTER PLAN
 LOCATION: Sec. 34/35, T1N, R1W, Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 6 of 9 DATE: 01/22/2008



TYPICAL CULVERT SECTION (TAXIWAY A)

NTS

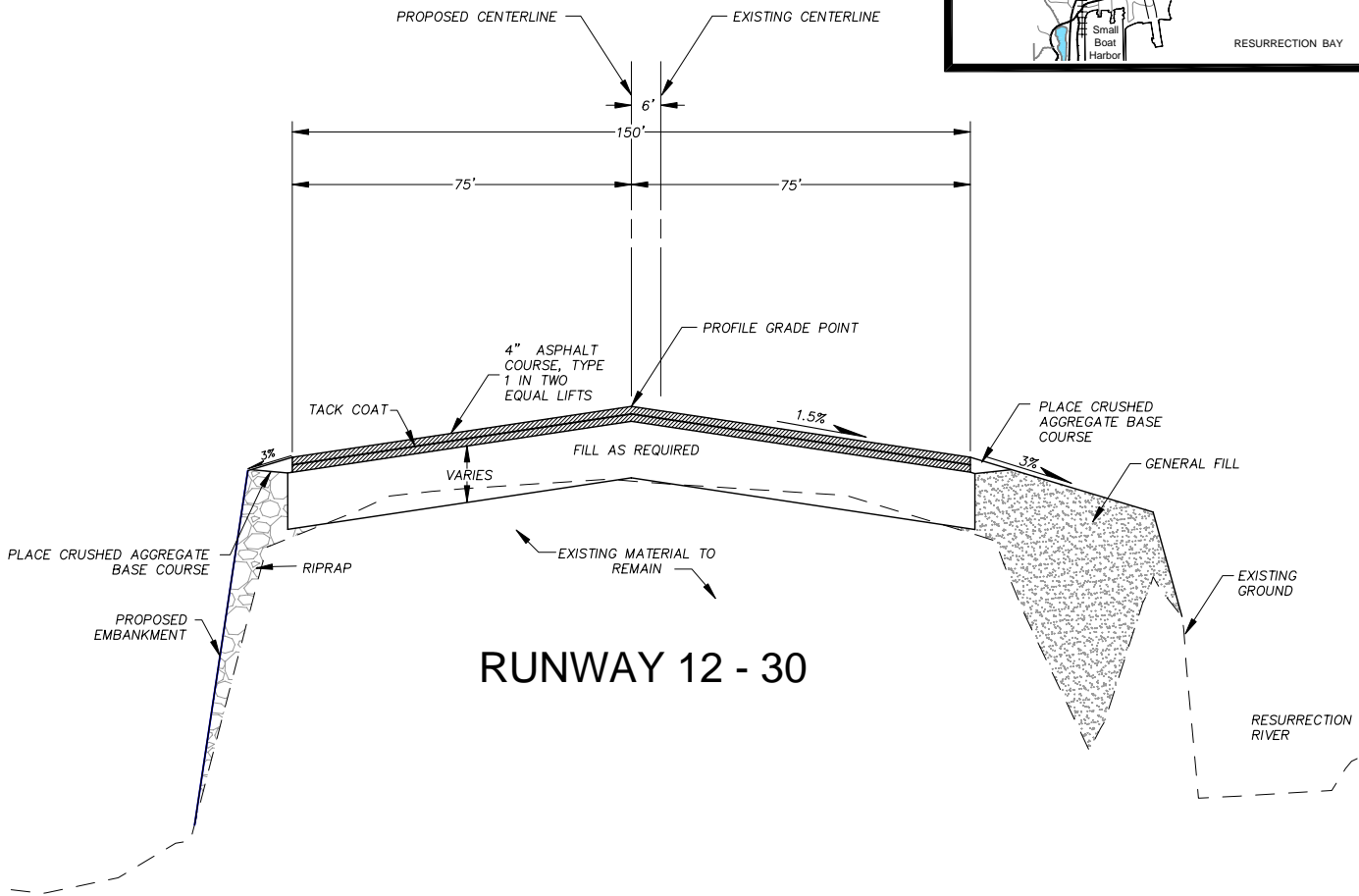
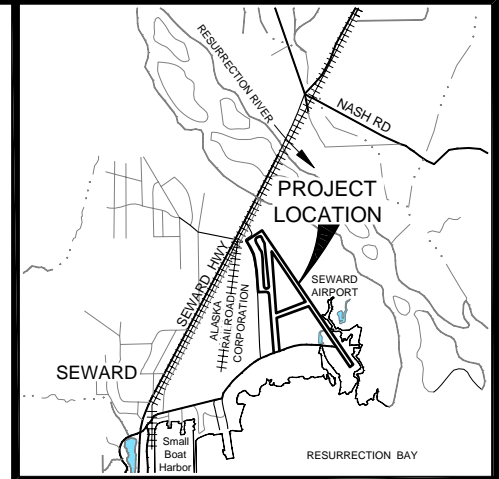


CULVERT DETAIL

NTS

DETAILS

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 PROJECT: DOT & PF No. 56525
 SEWARD AIRPORT MASTER PLAN
 LOCATION: Sec. 34/35, T1N, R1W,
 Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 7 of 9 DATE: 01/22/2008

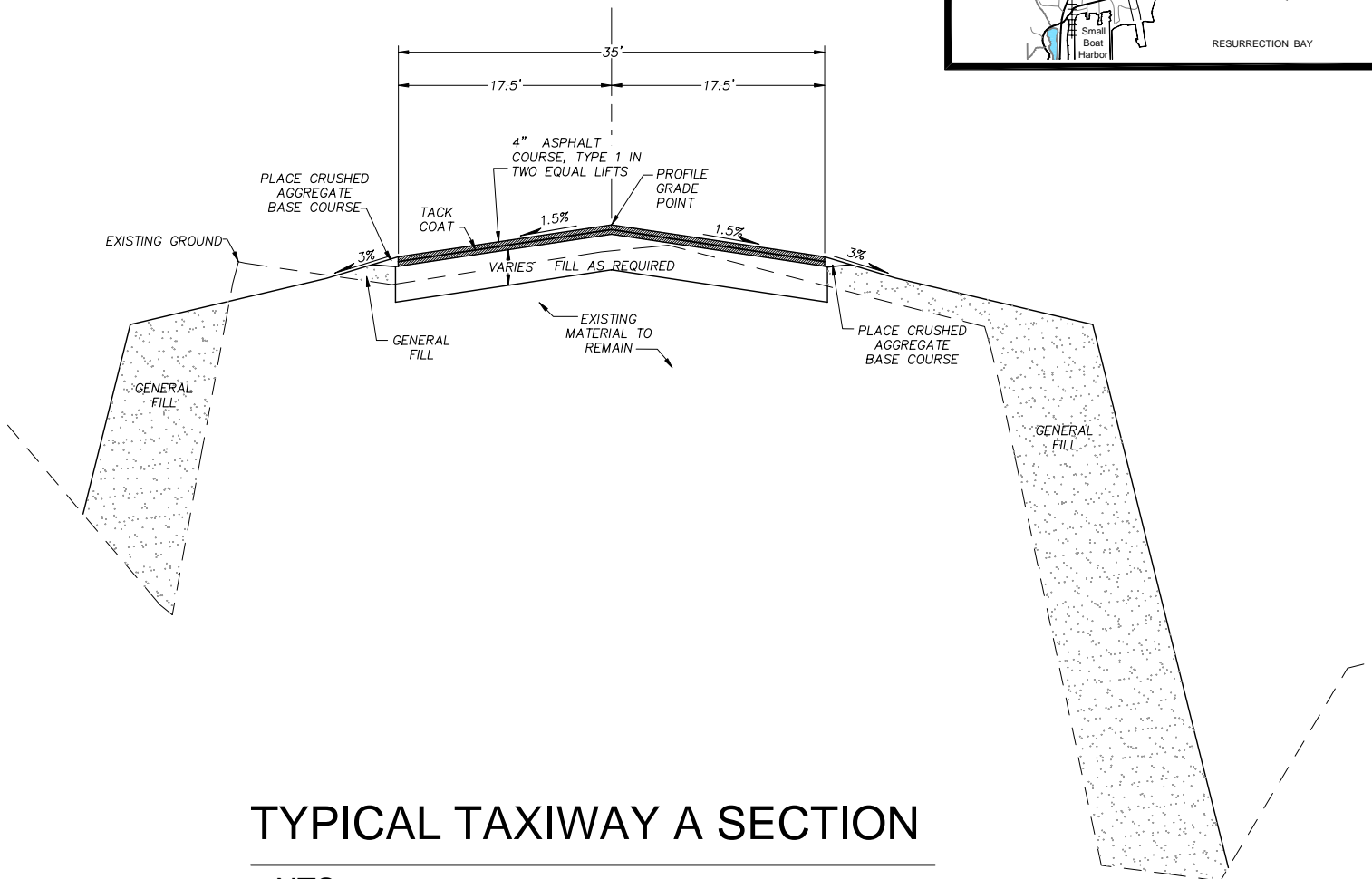
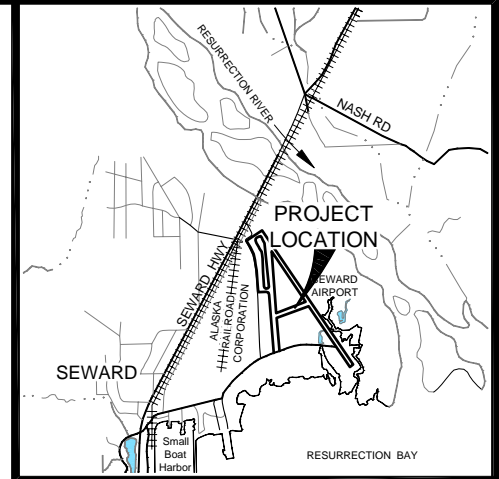


TYPICAL RUNWAY 12-30 SECTION

NTS

TYPICAL RUNWAY SECTION

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 PROJECT: DOT & PF No. 56525
 SEWARD AIRPORT MASTER PLAN
 LOCATION: Sec. 34/35, T1N, R1W,
 Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 8 of 9 DATE: 01/22/2008



TYPICAL TAXIWAY A SECTION

NTS

TYPICAL TAXIWAY SECTION

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
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 SEWARD AIRPORT MASTER PLAN
 LOCATION: Sec. 34/35, T1N, R1W,
 Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 9 of 9 DATE: 01/22/2008

Coastal Project Questionnaire and Certification Statement

All questions must be answered. **If you answer "Yes" to any of the questions, please call that specific department for further instructions to avoid delay in processing your application.** Maps and plan drawings must be included with your packet.

An incomplete packet will be returned.

■ APPLICANT INFORMATION

1. Alaska Dept. of Transportation & Public Facilities	2. DOWL Engineers
Name of Applicant	Agent (or responsible party if other than applicant)
4111 Aviation Drive	4041 B Street
Address	Address
Anchorage, AK 99519	Anchorage, AK 99503
City/State/Zip	City/State/Zip State Zip Code
907-269-0537	907-562-2000
Daytime Phone	Daytime Phone
N/A dan.golden@alaska.gov	907-563-3953 hcampfield@dowl.com
Fax Number E-mail Address	Fax Number E-mail Address

■ PROJECT INFORMATION

Yes No

1. This activity is a: new project modification or addition to an existing project
- If this is a modification, do you currently have any State, federal or local approvals for this activity?

Note: Approval means any form of authorization. If "yes," please list below:

Approval Type	Approval #	Issuance Date	Expiration Date

2. If this is a modification, was this project reviewed for consistency with Alaska Coastal Management?

Previous State I.D. Number: AK _____

Previous Project Name _____

■ PROJECT DESCRIPTION

1. Provide a brief description of your entire project and ALL associated facilities and land use conversions.
- The purpose of the Proposed Action is to address safety considerations at the Seward Airport and ensure that the airport meets Airport Reference Code B-II standards. Major safety deficiencies include inadequate runway safety area length, inadequate taxiway safety area width, the NAVAIDS and airfield lighting system are in poor condition, and the elevation of Runway 12-30 is below the 100-year flood level.

The Proposed Action would retain the existing airfield layout, but would reconstruct both runways and raise Runway 12-30 to be above the 100-year flood elevation. Runway 12-30 would thereby provide flood protection to the remainder of the airport. This would also raise the area between the north end of Runway 12-30 and the railroad and would construct additional erosion protection in this area. The centerline of Runway 12-30 would be shifted approximately six feet southwest to avoid impacts to the Resurrection River and still accommodate the increased fill material and erosion protection. Runway 12-30 would be designed as a B-II runway. A new runway lighting system would be installed on Runway 12-30.

Additional activities include the widening of Taxiway A to 79 feet to meet Airport Reference Code B-II standards and replacement of the culvert under Taxiway A to provide capacity for wind-driven tidal flows.

Proposed starting date for project: 2010 Proposed ending date for project: 2011

2. Attach the following: • a detailed project description, all associated facilities, and land use conversions, etc. (Be specific, including access roads, caretaker facilities, waste disposal sites, etc.); • a project timeline for completion of all major activities; • a site plan depicting project boundary with all proposed actions; • other supporting documentation to facilitate project review. Note: If the project is a modification, identify existing facilities and proposed changes on the site plan.

■ PROJECT LOCATION

1. Attach a copy of the topographical and vicinity map clearly indicating the location of the project. Please include a map title and scale.
2. The project is located in which region (see attached map): Northern Southcentral Southeast
 Southwest within or associated with the Trans-Alaska Pipeline corridor
3. Location of project (Include the name of the nearest land feature or body of water.) Resurrection River/Resurrection Bay
Township 01N/01S Range 01W Section 34&35/2&3 Meridian Seward Latitude/Longitude 60.130° N / 149.419° W
USGS Quad Map Seward A-7 SW
4. Is the project located in a coastal district? Yes No If yes, identify: Kenai Peninsula Borough
(Coastal districts are a municipality or borough, home rule or first class city, second class with planning, or coastal resource service area.) Note: A coastal district is a participant in the State's consistency review process. It is possible for the State review to be adjusted to accommodate a local permitting public hearing. Early interaction with the district is important; please contact the district representative listed on the attached contact list.
5. Identify the communities closest to your project location: City of Seward
6. The project is on: State land or water* Federal land Private land
 Municipal land Mental Health Trust land
*State land can be uplands, tidelands, or submerged lands to 3 miles offshore. See Question #1 in DNR section.
Contact the applicable landowner(s) to obtain necessary authorizations.

■ DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) APPROVALS

- | | Yes | No |
|--|--------------------------|-------------------------------------|
| 1. Will a discharge of wastewater from industrial or commercial operations occur? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Will the discharge be connected to an approved sewer system? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Will the project include a stormwater collection/discharge system? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 2. Do you intend to construct, install, modify, or use any part of a wastewater (sewage or greywater) disposal system? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| a) If the answer is yes, will the discharge be 500 gallons per day or greater?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) If constructing a domestic wastewater treatment or disposal system, will the system be located within fill material requiring a USACE permit? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If you answered yes to a) or b), answer the following:

- | | | |
|---|--------------------------|--------------------------|
| 1) What is the distance from the bottom of the system to the top of the subsurface water table? _____ | | |
| 2) How far is any part of the wastewater disposal system from the nearest surface water? _____ | | |
| 3) Is the surrounding area inundated with water at any time of the year? | <input type="checkbox"/> | <input type="checkbox"/> |
| 4) How big is the fill area to be used for the absorption system? _____ | | |
- (Questions 1 & 2 will be used by DEC to determine whether separation distances are being met; Questions 3 & 4 relate to the required size of the fill if wetlands are involved.)*

- | | Yes | No |
|---|--------------------------|-------------------------------------|
| 3. Will your project require a mixing zone? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(If your wastewater discharge will exceed Alaska water quality standards, you may apply for a mixing zone. If so, please contact DEC to discuss information required under 18 AAC 70.032.)</i> | | |
| 4. a) Will your project result in construction, operation, or closure of a facility for solid waste disposal?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(Note: Solid waste means drilling wastes, household garbage, refuse, sludge, construction or demolition wastes, industrial solid waste, asbestos, and other discarded, abandoned, or unwanted solid or semi-solid material, whether or not subject to decomposition, originating from any source. Disposal means placement of solid waste on land.)</i> | | |
| b) Will your project result in treatment of solid waste at the site?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(Examples of treatment methods include, but are not limited to: incineration, open burning, baling, and composting.)</i> | | |
| c) Will your project result in storage or transfer of solid waste at the site?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will the project result in storage of more than 50 tons of materials for reuse, recycling, or resource recovery?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Will any sewage solids or biosolids be disposed of or land-applied to the site? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <i>(Sewage solids include wastes that have been removed from a wastewater treatment plant system, such as a septic tank, lagoon dredge, or wastewater treatment sludge that contain no free liquids. Biosolids are the solid, semi-solid, or liquid residues produced during the treatment of domestic septage in a treatment works which are land applied for beneficial use.)</i> | | |
| 5. Will your project require application of oil, pesticides, and/or any other broadcast chemicals? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 6. a) Will you have a facility with industrial processes that are designed to process no less than five tons per hour and needs air pollution controls to comply with State emission standards? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Will you have stationary or transportable fuel burning equipment, including flares, with a total fuel consumption capacity no less than 50 million Btu/hour?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Will you have a facility with incinerators having a total charging capacity of no less than 1,000 pounds per hour?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Will you have a facility with equipment or processes that are subject to Federal New Source Performance Standards or National Emission Standards for hazardous air pollutants? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| i) Will you propose exhaust stack injection?..... | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- e) Will you have a facility with the potential to emit no less than 100 tons per year of any regulated air contaminant?.....
 - f) Will you have a facility with the potential to emit no less than 10 tons per year of any hazardous air contaminant or 25 tons per year of all hazardous air contaminants?.....
 - g) Will you construct or add stationary or transportable fuel burning equipment of no less than 10 million Btu/hour in the City of Unalaska or the City of St. Paul?
 - h) Will you construct or modify in the Port of Anchorage a volatile liquid storage tank with a volume no less than 9,000 barrels, or a volatile liquid loading rack with a design throughput no less than 15 million gallons?
 - i) Will you be requesting operational or physical limits designed to reduce emissions from an existing facility in an air quality nonattainment area to offset an emission increase from another new or modified facility?
7. Do you plan to develop, construct, install, or alter a public water system?.....
8. a) Will your project involve the operation of waterborne tank vessels or oil barges that carry crude or non-crude oil as bulk cargo, or the transfer of oil or other petroleum products to or from such a vessel or a pipeline system?.....
- b) Will your project require or include onshore or offshore oil facilities with an effective aggregate storage capacity of greater than 5,000 barrels of crude oil or greater than 10,000 barrels of non-crude oil?.....
- Yes** **No**
- c) Will you operate facilities on land or water for exploration or production of hydrocarbons?

If you answered "No" to ALL questions in this section, continue to next section.
If you answered "Yes" to ANY of these questions, contact the DEC office nearest you for information and application forms. Please be advised that all new DEC permits and approvals require a 30-day public notice period. DEC Pesticide permits take effect no sooner than 40 days after the permit is issued.

Based on your discussion with DEC, please complete the following:

Types of project approvals or permits needed and name of individual you contacted.	Date application submitted

9. Does your project qualify for a general permit for wastewater or solid waste?.....
Note: A general permit is an approval issued by DEC for certain types of routine activities.

If you answered "Yes" to any questions in this section and are not applying for DEC permits, indicate reason:

- _____ (DEC contact) told me on _____ that no DEC approvals are required on this project because _____
- Other:** _____

■ DEPARTMENT OF FISH AND GAME (DFG) APPROVALS **Yes** **No**

1. Is your project located in a designated State Game Refuge, Critical Habitat Area or State Game Sanctuary?
2. Does your project include construction/operation of a salmon hatchery?

3. Does your project affect, or is it related to, a previously permitted salmon hatchery?.....
4. Does your project include construction of an aquatic farm?.....

If you answered "No" to ALL questions in this section, continue to next section.
If you answered "Yes" to ANY questions under 1-4, contact the ADF&G Commercial Fisheries Division headquarters for information and application forms

Based on your discussion with ADF&G, please complete the following:

Types of project approvals or permits needed.	Date application submitted

If you answered "YES" to any questions in this section and are not applying for ADF&G permits, indicate reason:

_____ (ADF&G contact) told me on _____ that no ADF&G approvals are required on this project because _____

Other: _____

■ DEPARTMENT OF NATURAL RESOURCES (DNR) APPROVALS

Yes No

1. Is the proposed project on State-owned land or water or will you need to cross State-owned land for access? ("Access" includes temporary access for construction purposes. *Note: In addition to State-owned uplands, the State owns almost all land below the ordinary high water line of navigable streams, rivers and lakes, and below the mean high tide line seaward for three miles.*)
- a) Is this project for a commercial activity?
2. Is the project on Alaska Mental Health Trust land (AMHT) or will you need to cross AMHT land? *Note: Alaska Mental Health Trust land is not considered State land for the purpose of ACMP reviews.*
3. Do you plan to dredge or otherwise excavate/remove materials on State-owned land?.....
- Location of dredging site if different than the project site: _____
 Township _____ Range _____ Section _____ Meridian _____ USGS Quad Map _____
4. Do you plan to place fill or dredged material on State-owned land?
- Location of fill disposal site if other than the project site: _____
 Township _____ Range _____ Section _____ Meridian _____ USGS Quad Map _____
 Source is on: State Land Federal Land Private Land Municipal Land
5. Do you plan to use any of the following State-owned resources:.....
- Timber:** Will you harvest timber? Amount: _____
- Materials such as rock, sand or gravel, peat, soil, overburden, etc.:**
- Which material? _____ Amount: _____
- Location of source: Project site Other, describe: _____
 Township _____ Range _____ Section _____ Meridian _____ USGS Quad Map _____

6. Do you plan to divert, impound, withdraw, or use any fresh water, except from an existing public water system or roof rain catchment system (regardless of land ownership)?.....

Amount (maximum daily, not average, in gallons per day): _____

Source: _____ Intended Use: _____

If yes, will your project affect the availability of water to anyone holding water rights to that water?

7. Do you plan to build or alter a dam (regardless of land ownership)?

8. Do you plan to drill a geothermal well (regardless of land ownership)?

9. At any one site (regardless of land ownership), do you plan any of the following?.....

- Mine five or more acres over a year's time
- Mine 50,000 cubic yards or more of materials (rock, sand or gravel, soil, peat, overburden, etc.) over a year's time
- Have a cumulative unreclaimed mined area of five or more acres

If yes to any of the above, contact DNR about a reclamation plan.

If you plan to mine less than the acreage/amount stated above and have a cumulative unreclaimed mined area of less than five acres, do you intend to file a voluntary reclamation plan for approval? **Yes** **No**

10. Do you plan to explore for or extract coal?

11. a) Will you explore for or produce oil and/or gas?.....

b) Will you conduct surface use activities on an oil and/or gas lease or within an oil and/or gas unit?.....

12. Will you investigate, remove, or impact historical or archaeological or paleontological resources (anything over 50 years old) on State-owned land?.....

13. Is the proposed project located within a known geophysical hazard area?.....

Note: 6 AAC 80.900(9) defines geophysical hazard areas as "those areas which present a threat to life or property from geophysical or geological hazards, including flooding, tsunami run-up, storm surge run-up, landslides, snowslides, faults, ice hazards, erosion, and littoral beach process." "known geophysical hazard area" means any area identified in a report or map published by a federal, state, or local agency, or by a geological or engineering consulting firm, or generally known by local knowledge, as having known or potential hazards from geologic, seismic, or hydrologic processes.

14. Is the proposed project located in a unit of the Alaska State Park System?

15. Will you work in, remove water or material from, or place anything in, a stream, river or lake? (This includes work or activities below the ordinary high water mark or on ice, in the active flood plain, on islands, in or on the face of the banks, or, for streams entering or flowing through tidelands, above the level of mean lower low tide.)
Note: If the proposed project is located within a special flood hazard area, a floodplain development permit may be required. Contact the affected city or borough planning department for additional information and a floodplain determination.)

Name of waterbody: Unnamed Stream (FDD Code: 231-30-10075)

16. Will you do any of the following:

Please indicate below:

- Build a dam, river training structure, other instream impoundment, or weir
- Use water

- Pump water into or out of stream or lake (including dry channels)
- Divert or alter a natural stream channel
- Change water flow or the stream channel
- Introduce silt, gravel, rock, petroleum products, debris, brush, trees, chemicals, or other organic/inorganic material, including waste of any type, into water
- Alter, stabilize or restore banks of a river, stream or lake (provide number of linear feet affected along the bank(s))
- Mine, dig in, or remove material, including woody debris, from beds or banks of a waterbody
- Use explosives in or near a waterbody
- Install a culvert or other drainage structure
- Construct, place, excavate, dispose or remove any material below the ordinary high water of a waterbody
- Construct a storm water discharge or drain into a waterbody
- Place pilings or anchors
- Construct a dock
- Construct a utility line crossing
- Maintain or repair an existing structure
- Use an instream in-water structure not mentioned here

**If you answered "No" to ALL questions in this section, continue to next section.
 If you answered "Yes" to ANY questions under 1-16, contact the Area DNR, office for information and application forms.**

Based on your discussion with DNR, please complete the following:

Types of project approvals or permits needed.	Date application submitted
Title 41 Fish Habitat Permit	Concurrent with this application

If you answered "Yes" to any questions in this section and are not applying for DNR permits, indicate reason:

_____ (DNR contact) told me on _____ that no DNR approvals are required on this project because _____

■ FEDERAL APPROVALS

Yes No

U.S. Army Corps of Engineers (USACE)

1. Will you dredge or place structures or fills in any of the following:
- tidal (ocean) waters? streams? lakes? wetlands*?
 - If yes, have you applied for a USACE permit?

Date of submittal: May 9, 2006

Name of USACE contact: Don P. Kuhle

(Note: Your application for this activity to the USACE also serves as application for DEC Water Quality Certification.)

**If you are not certain whether your proposed project is in a wetlands (wetlands include muskegs), contact the USACE, Regulatory Branch at 907-753-2712 for a wetlands determination (outside the Anchorage area call toll free 1-800-478-2712)*

Bureau of Land Management (BLM)

2. Is the proposed project located on BLM land, or will you need to cross BLM land for access?.....
- If yes, have you applied for a BLM permit or approval?

Date of submittal: _____

Name of BLM contact: _____

U.S. Coast Guard (USCG)

- 3. a) Do you plan to construct a bridge or causeway over tidal (ocean) waters, or navigable rivers, streams or lakes?.....
- b) Does your project involve building an access to an island?.....
- c) Do you plan to site, construct, or operate a deepwater port?.....
 If yes, have you applied for a USCG permit?.....

Date of submittal: _____

Name of USCG contact: _____

U.S. Environmental Protection Agency (EPA)

- 4. a) Will the proposed project have a discharge to any waters?.....
- b) Will you dispose of sewage sludge (contact EPA at 206-553-1941)?
 If you answered yes to a) or b), have you applied for an EPA National Pollution Discharge Elimination System (NPDES) permit?

Date of submittal: _____

Name of EPA contact: _____

(Note: For information regarding the need for an NPDES permit, contact EPA at 1-800-424-4372)

- c) Will construction of your project expose 1 or more acres of soil? *(This applies to the total amount of land disturbed, even if disturbance is distributed over more than one season, and also applies to areas that are part of a larger common plan of development or sale.)* **Yes** **No**
- d) Is your project an industrial facility that will have stormwater discharge directly related to manufacturing, processing, or raw materials storage areas at an industrial plant?.....
 If you answered yes to c) or d), your project may require an NPDES Stormwater permit. Contact EPA at 206-553-8399.

Federal Aviation Administration (FAA)

- 5. a) Is your project located within five miles of any public airport?.....
- b) Will you have a waste discharge that is likely to decay within 5,000 feet of any public airport?
 If yes, please contact the Airports Division of the FAA at 907-271-5438.

Federal Energy Regulatory Commission (FERC)

- 6. a) Does the project include any of the following:
 - 1) a non-federal hydroelectric project on any navigable body of water.....
 - 2) a location on federal land (including transmission lines)
 - 3) utilization of surplus water from any federal government dam
- b) Does the project include construction and operation, or abandonment of natural gas pipeline facilities under sections (b) and (c) of the Federal Power Act (FPA)?.....
- c) Does the project include construction for physical interconnection of electric transmission facilities under section 202 (b) of the FPA?.....
 If you answered yes to any questions under number 6, did you apply for a permit from FERC?.....

Date of submittal: _____

Name of FERC contact: _____

(Note: For information, Div. Hydropower-Environment and Engineering contact: Vince Yearek 202-502-6174 or Mike Henry 503-944-6762, 202-502 8700; (for Natural Gas Projects) Division of Pipeline Certificate 202-502-8625; for Alaska projects contact Richard Foley – 202-502-8955)

U.S. Forest Service (USFS)

7. a) Does the proposed project involve construction on USFS land?
- b) Does the proposed project involve the crossing of USFS land with a water line?.....
- If the answer to either question is yes, did you apply for a USFS permit or approval?.....

Date of submittal: _____

Name of USFS contact: _____

8. Have you applied for any other federal permits or authorizations?

AGENCY	APPROVAL TYPE	DATE SUBMITTED
EPA	NPDES General Permit for Construction Activities	Will be applied for by the Contractor
USACE	Section 404/10 Permit	Concurrent with this application

The Coastal Project Questionnaire (CPQ) identifies permits subject to a consistency review. You may need additional permits from other agencies or the affected city and/or borough government to proceed with your activity.

ACMP Consistency Evaluation & Certification Statement

Pursuant to [11 AAC 112.215 \(a\)\(1\)\(c\)](#), the applicant shall submit an evaluation of how the proposed project is consistent with the statewide standards at 11 AAC 112.200 - 11 AAC 112.990 and with the applicable district enforceable policies, sufficient to support the consistency certification. Evaluate your project against each section of the state standards and applicable district enforceable policies using the template below or by submitting a narrative description in letter or report form. District enforceable policies are available on the ACMP website at <http://www.alaskacoast.state.ak.us> Definitions of key terms can be found at: [11 AAC 110.990](#), [11 AAC 112.990](#) and [11 AAC 114.990](#).

If you need more space for an adequate explanation of any of the applicable standards, please attach additional pages to the end of this document. Be sure to include references to the specific sections and subsections that you are evaluating.

STATEWIDE STANDARDS

11 AAC 112.200. Coastal Development

Standard:

- (a) In planning for and approving development in or adjacent to coastal waters, districts and state agencies shall manage coastal land and water uses in such a manner that those uses that are economically or physically dependent on a coastal location are given higher priority when compared to uses that do not economically or physically require a coastal location.
- (b) Districts and state agencies shall give, in the following order, priority to
 - (1) water-dependent uses and activities;
 - (2) water-related uses and activities; and
 - (3) uses and activities that are neither water-dependent nor water-related for which there is no practicable inland alternative to meet the public need for the use or activity.
- (c) The placement of structures and the discharge of dredged or fill material into coastal water must, at a minimum, comply with the standards contained in [33 CFR Parts 320 - 323](#), revised as of July 1, 2003.

Evaluation:

(a) How is your project economically or physically dependent on a coastal location? Why are you proposing to place the project at the selected location?

The proposed project is not economically dependant on a coastal location. The proposed improvements to the Seward Airport are to an existing airport facility that is located on the coast of Resurrection Bay.

(b) Evaluation of development priority.

(1) How is the proposed project water-dependent? Explain.

(2) How is the proposed project water-related? Explain.

(3) If the proposed project is neither water-dependent nor water-related, please explain why there is not a practicable inland alternative that meets the public need for the use or activity. Explain. The proposed improvements to the airport are not water-related or water-dependant. The project proposes improvements to the Seward Airport, an existing facility, located on the coast of Resurrection Bay.

(c) *OPMP defers to the United States Corps of Engineers (USACE) to interpret compliance with the referenced standards.* If you plan to discharge or fill waters of the US, have you applied to the Corps of Engineers for the appropriate authorization?

A Department of the Army permit application is being submitted concurrent with this CPQ.

11 AAC 112.210. Natural hazard areas.

Standard:

(a) In addition to those identified in [11 AAC 112.990](#), the department, or a district in a district plan, may designate other natural processes or adverse conditions that present a threat to life or property in the coastal area as natural hazards. Such designations must provide the scientific basis for designating the natural process or adverse condition as a natural hazard in the coastal area, along with supporting scientific evidence for the designation.

(b) Areas likely to be affected by the occurrence of a natural hazard may be designated as natural hazard areas by a state agency or, under 11 AAC 114.250(b), by a district.

(c) Development in a natural hazard area may not be found consistent unless the applicant has taken appropriate measures in the siting, design, construction, and operation of the proposed activity to protect public safety, services, and the environment from potential damage caused by known natural hazards.

(d) For purposes of (c) of this section, "appropriate measures in the siting, design, construction, and operation of the proposed activity" means those measures that, in the judgment of the coordinating agency, in consultation with the department's division of geological and geophysical surveys, the Department of Community and Economic Development as state coordinating agency for the National Flood Insurance Program under 44 C.F.R. 60.25, and other local and state agencies with expertise,

(1) satisfy relevant codes and safety standards; or

(2) in the absence of such codes and standards;

(A) the project plans are approved by an engineer who is registered in the state and has engineering experience concerning the specific natural hazard; or

(B) the level of risk presented by the design of the project is low and appropriately addressed by the project plans.

Evaluation:

(a) Is your proposed project in a [natural hazard area designated by a coastal district](#) Or the Alaska Department of Natural Resources? Yes X No

(b) Describe the potential natural hazards likely to affect the proposed project site or area.

http://www.dggs.dnr.state.ak.us/geologic_hazards_coastal_districts.htm

(c) Describe how the proposed project is designed to accommodate potential hazards. How will you use site design or operate the proposed activity to protect public safety, services and the environment from potential damaged caused by known natural hazards?

The Seward Airport is subject to riverine and coastal flooding. Most of the Airport lies within the Resurrection River Floodplain, and within the 100-year Flood Hazard and the 100-year Coastal Wave Runup

areas. The improvements proposed involve raising Runway 12-33 an average of one and a half feet so that the entire length will be above the 100-year elevation. The average fill height of one and a half feet would prevent the overtopping of Runway 12-30 and reduce the risk of erosion of the Taxiway.

(d)(1) Describe the measures you will take to meet relevant codes and safety standards in the siting, design, construction and operation of the proposed activity.

(d)(2)(A) If your project is located in an area without codes and safety standards, how is your project engineered for the specific natural hazard? or

(d)(2)(B) If the level of risk presented by the design of the project is low, how do the project plans and project design address the potential natural hazard?

A Floodplain Development Application will be submitted to the Kenai Peninsula Borough current with this CPQ.

The proposed improvements would reduce the risk of the airport to floodwaters. Without the proposed improvements the Seward Airport is subject to substantial damage and potential closure to airport facilities.

11 AAC 112.220. Coastal access.

Standard:

Districts and state agencies shall ensure that projects maintain and, where appropriate, increase public access to, from, and along coastal water.

Evaluation:

Please explain how the proposed project will maintain and, where appropriate, increase public access to, from and along coastal water.

This project will restrict illegal access that is currently being used. This restriction is necessary for the protection of the airport and for the safety of the trespassers.

11 AAC 112.230. Energy facilities.

Standard:

(a) The siting and approval of major energy facilities by districts and state agencies must be based, to the extent practicable, on the following standards:

- (1) site facilities so as to minimize adverse environmental and social effects while satisfying industrial requirements;
- (2) site facilities so as to be compatible with existing and subsequent adjacent uses and projected community needs;
- (3) consolidate facilities;
- (4) consider the concurrent use of facilities for public or economic reasons;
- (5) cooperate with landowners, developers, and federal agencies in the development of facilities;
- (6) select sites with sufficient acreage to allow for reasonable expansion of facilities;
- (7) site facilities where existing infrastructure, including roads, docks, and airstrips, is capable of satisfying industrial requirements;
- (8) select harbors and shipping routes with least exposure to reefs, shoals, drift ice, and other obstructions;
- (9) encourage the use of vessel traffic control and collision avoidance systems;
- (10) select sites where development will require minimal site clearing, dredging, and construction;
- (11) site facilities so as to minimize the probability, along shipping routes, of spills or other forms of contamination that would affect fishing grounds, spawning grounds, and other biologically productive or vulnerable habitats, including marine mammal rookeries and hauling out grounds and waterfowl nesting areas;
- (12) site facilities so that design and construction of those facilities and support infrastructures in coastal areas will allow for the free passage and movement of fish and wildlife with due consideration for historic migratory patterns;
- (13) site facilities so that areas of particular scenic, recreational, environmental, or cultural value, identified in district plans, will be protected;
- (14) site facilities in areas of least biological productivity, diversity, and vulnerability and where effluents and

and spills can be controlled or contained;

(15) site facilities where winds and air currents disperse airborne emissions that cannot be captured before escape into the atmosphere;

(16) site facilities so that associated vessel operations or activities will not result in overcrowded harbors or interfere with fishing operations and equipment.

(b) The uses authorized by the issuance of state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction are [uses of state concern](#).

Evaluation:

(a) If this standard applies to your project, please describe in detail how the proposed project is designed to meet each applicable section of this standard:

This project does not involve the siting of an energy facility.

(b) List the authorizations for state and federal leases, easements, contracts, rights-of-way, or permits for mineral and petroleum resource extraction you have applied for or received.

Not applicable (the project is not for mineral and petroleum resource extraction).

11 AAC 112.240. Utility routes and facilities.

Standard:

(a) Utility routes and facilities must be sited inland from beaches and shorelines unless

(1) the route or facility is water-dependent or water related; or

(2) no practicable inland alternative exists to meet the public need for the route or facility.

(b) Utility routes and facilities along the coast must avoid, minimize, or mitigate

(1) alterations in surface and ground water drainage patterns;

(2) disruption in known or reasonably foreseeable wildlife transit;

(3) blockage of existing or traditional access.

Evaluation:

(a) If the proposed utility route or facility is sited adjacent to beaches or shorelines, explain how the route or facility is water dependent water related or why no practical inland alternative exists.

The project does not involve utility routes. Improvements are proposed to the Seward Airport, an existing facility located on the coastline of Resurrection Bay.

(b) If the proposed utility route or facility is sited along the coast, explain how you will avoid, minimize or mitigate:

(1) alterations in surface and ground water drainage patterns;

Class II stone will be used for the northern half of the east embankment of Runway 12-30 to reduce the risk associated with parallel flow.

Class III stone will be used for the southern half of Runway 12-30 to reduce the risk of impinging flow where the Resurrection River flows against the east runway embankment.

Enhancement under Taxiway A will provide for better flow and reduce the possibility of scouring around the culvert during wind-driven tide events and resulting sedimentation.

(2) disruption in known or reasonably foreseeable wildlife transit;

Disruption in known or reasonably foreseeable wildlife transit is not anticipated.

(3) blockage of existing or traditional access.

The project will restrict illegal public access to state owned property. This restriction is necessary for protection of the airport and for the safety of the trespassers.

11 AAC 112.250. Timber harvest and processing.

Standard:

[AS 41.17](#) (Forest Resources and Practices Act) and the regulations adopted under that chapter with respect to the harvest and processing of timber are incorporated into the program and constitute the components of the program with respect to those purposes.

Evaluation:

Does your activity involve harvesting or processing of timber? Yes _____ No X

If yes, please explain how your proposed project meets the standards of the State Forest Resources and Practices Act.

11 AAC 112.260. Sand and gravel extraction.

Standard:

Sand and gravel may be extracted from coastal waters, intertidal areas, barrier islands, and spits if there is no practicable alternative to coastal extraction that will meet the public need for the sand or gravel.

Evaluation:

If your proposed project includes extracting sand or gravel from [coastal waters](#), intertidal areas, barrier islands or spits, please explain why there is no practicable alternative to coastal extraction that meets the public need for sand or gravel.

Not applicable (the project does not involve removing sand and gravel from a coastal area).

11 AAC 112.270. Subsistence.

Standard:

(a) A project within a subsistence use area designated by the department or under 11 AAC 114.250(g) must avoid or minimize impacts to subsistence uses of coastal resources.

(b) For a project within a subsistence use area designated under 11 AAC 114.250(g), the applicant shall submit an analysis or evaluation of reasonably foreseeable adverse impacts of the project on subsistence use as part of

(1) a consistency review packet submitted under 11 AAC 110.215; and

(2) a consistency evaluation under 15 C.F.R. 930.39, 15 C.F.R. 930.58, or 15 C.F.R. 930.76.

(c) Repealed 10/29//2004, Register 172.

(d) Except in nonsubsistence areas identified under AS 16.05.258, the department may, after consultation with the appropriate district, federally recognized Indian tribes, Native corporations, and other appropriate persons or groups, designate areas in which a subsistence use is an important use of coastal resources as demonstrated by local usage.

(e) For purposes of this section, "federally recognized Indian tribe," "local usage", and "Native corporation" have the meanings given in 11 AAC 114.990.

Evaluation:

(a) Is your proposed project located within a subsistence use area designated by a coastal district?

Yes _____ No X

If yes, please describe how the proposed project is designed to “avoid or minimize impacts to subsistence uses of coastal resources:”

(b) If your project is located in a subsistence use area designated by the coastal district, provide an analysis or evaluation of its reasonably foreseeable adverse impacts to the subsistence uses.

(c) No response required.

(d) If your project is not located in a designated subsistence use area, please describe any subsistence uses of coastal resources within the project area. Please be advised that subsistence use areas may be designated by the department during a review. Not applicable (the project does not involve subsistence issues).

(e) No response required.

11 AAC 112.280. Transportation routes and facilities.

Standard:

Transportation routes and facilities must avoid, minimize, or mitigate

- (1) alterations in surface and ground water drainage patterns;
- (2) disruption in known or reasonably foreseeable wildlife transit; and
- (3) blockage of existing or traditional access.

Evaluation:

If your proposed project includes transportation routes or facilities, describe how it avoids, minimizes, or mitigates

- (1) alterations in surface and ground water drainage patterns;

Class II stone will be used for the northern half of the east embankment of Runway 12-30 to reduce the risk associated with parallel flow.

Class III stone will be used for the southern half of Runway 12-30 to reduce the risk of impinging flow where the Resurrection River flows against the east runway embankment.

Enhancement under Taxiway A will provide for better flow and reduce the possibility of scouring around the culvert during wind-driven tide events and resulting sedimentation.

- (2) disruption in known or reasonably foreseeable wildlife transit; and

Not applicable (the project will not disrupt known or reasonably foreseeable wildlife transit areas).

- (3) blockage of existing or traditional access.

The project will restrict illegal public access to state owned property. This restriction is necessary for protection of the airport and for the safety of the trespassers.

11 AAC 112.300. Habitats.

Standard:

(a) Habitats in the coastal area that are subject to the program are

- (1) offshore areas;
- (2) estuaries;
- (3) wetlands;
- (4) tideflats;
- (5) rocky islands and sea cliffs;
- (6) barrier islands and lagoons;
- (7) exposed high-energy coasts;
- (8) rivers, streams, and lakes and the active floodplains and riparian management areas of those rivers, streams, and lakes; and
- (9) important habitat.

(b) The following standards apply to the management of the habitats identified in (a) of this section:

- (1) offshore areas must be managed to avoid, minimize, or mitigate significant adverse impacts to competing

uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;

(2) estuaries must be managed to avoid, minimize, or mitigate significant adverse impacts to

(A) adequate water flow and natural water circulation patterns; and

(B) competing uses such as commercial, recreational, or subsistence fishing, to the extent that those uses are determined to be in competition with the proposed use;

(3) wetlands must be managed to avoid, minimize, or mitigate significant adverse impacts to water flow and natural drainage patterns;

(4) tidflats must be managed to avoid, minimize, or mitigate significant adverse impacts to

(A) water flow and natural drainage patterns; and

(B) competing uses such as commercial, recreational, or subsistence uses, to the extent that those uses are determined to be in competition with the proposed use;

(5) rocky islands and sea cliffs must be managed to

(A) avoid, minimize, or mitigate significant adverse impacts to habitat used by coastal species; and

(B) avoid the introduction of competing or destructive species and predators;

(6) barrier islands and lagoons must be managed to avoid, minimize, or mitigate significant adverse impacts

(A) to flows of sediments and water;

(B) from the alteration or redirection of wave energy or marine currents that would lead to the filling in of lagoons or the erosion of barrier islands; and

(C) from activities that would decrease the use of barrier islands by coastal species, including polar bears and nesting birds;

(7) exposed high-energy coasts must be managed to avoid, minimize, or mitigate significant adverse impacts

(A) to the mix and transport of sediments; and

(B) from redirection of transport processes and wave energy;

(8) rivers, streams, and lakes must be managed to avoid, minimize, or mitigate significant adverse impacts to

(A) natural water flow;

(B) active floodplains; and

(C) natural vegetation within riparian management areas; and

(9) important habitat

(A) designated under 11 AAC 114.250(h) must be managed for the special productivity of the habitat in accordance with district enforceable policies adopted under 11 AAC 114.270(g); or

(B) identified under (c)(1)(B) or

(C) of this section must be managed to avoid, minimize, or mitigate significant adverse impacts to the special productivity of the habitat.

(c) For purposes of this section,

(1) "important habitat" means habitats listed in (a)(1) – (8) of this section and other habitats in the coastal area that are

(A) designated under 11 AAC 114.250(h);

(B) identified by the department as a habitat

(i) the use of which has a direct and significant impact on coastal water; and

(ii) that is shown by written scientific evidence to be biologically and significantly productive; or

(C) identified as state game refuges, state game sanctuaries, state range areas, or fish and game critical habitat areas under AS 16.20;

(2) "riparian management area" means the area along or around a waterbody within the following distances, measured from the outermost extent of the ordinary high water mark of the waterbody:

(A) for the braided portions of a river or stream, 500 feet on either side of the waterbody;

(B) for split channel portions of a river or stream, 200 feet on either side of the waterbody;

(C) for single channel portions of a river or stream, 100 feet on either side of the waterbody;

(D) for a lake, 100 feet of the waterbody.

Evaluation:

(a) List the habitats from (a) above that are within your proposed project area or that could be affected by your proposed project.

Habitats that exist within the project area include estuaries, wetlands, tideflats, rivers, streams, and active floodplains.

Describe how the proposed project avoids, minimizes, or mitigates impacts to each of the identified habitat(s) in section (a) above. The project proposes filling up to 1.5 acres of wetlands including some tideflats of Resurrection Bay. Impacts to wetlands and tideflats will be minimized by the use of riprap to reduce the slope of the fill and reduce the footprint of the project to the extent practicable. As this project involves the reconstruction of an existing airport, no other options are available.

The project proposes replacement of an existing culvert in an unnamed anadromous stream under Taxiway A. The project will minimize impact to essential fish habitat by obtaining a Title 41 Permit from the DNR-OHMP and complying with the conditions set forth therein.

A floodplain permit will be obtained from the Kenai Peninsula Borough and the project will comply with the conditions set forth therein.

A permit from the USACE will be obtained for Section 10/404 filling in a wetland.

c) No response required.

11 AAC 112.310. Air, land and water quality

Standard:

Notwithstanding any other provision of this chapter, the statutes and regulations of the Department of Environmental Conservation with respect to the protection of air, land, and water quality identified in AS 46.40.040(b) are incorporated into the program and, as administered by that department, constitute the exclusive components of the program with respect to those purposes.

Evaluation: No response required.

11 AAC 112.320. Historic, prehistoric, and archeological resources.

Standard:

(a) The department will designate areas of the coastal zone that are important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes.

(b) A project within an area designated under (a) of this section shall comply with the applicable requirements of

AS 41.35.010 – 41.35.240 and 11 AAC 16.010 – 11 AAC 16.900.

Evaluation:

(a) Have you contacted the State Historic Preservation Office (SHPO) to see if your project is in a designated area of the coastal zone that is important to the study, understanding, or illustration of national, state, or local history or prehistory, including natural processes?

The project does not involve the disturbance, investigation, or removal of known historical or archaeological resources.

(b) If your project is within an area designated under (a) of this section, how will you comply with the applicable requirements in the statutes and regulations listed in (b)?

Not applicable.

Affected Coastal District Enforceable Policies

Evaluate each applicable district enforceable policy using a format similar to the one you completed above for the State Standards. District enforceable policies are available at <http://alaskacoast.state.ak.us/>.

If you need more space for an adequate explanation of any of the applicable district enforceable policies, please attach additional pages to the end of this document.

Applicable District Plan(s) Kenai Peninsula Borough Enforceable Policies

Enforceable Policy: Floating Facilities

Evaluation: The proposed project does not involve floating facilities.

Enforceable Policy: Ports and Harbors

Evaluation: The proposed project does not involve ports, harbors, or docks.

Enforceable Policy: Erosion

Evaluation: The project will provide additional erosion protection to Runway 12-30 and reduce sedimentation in the Resurrection River and Resurrection Bay. In addition, the following measures will be employed to reduce erosion during construction of the culvert in the unnamed stream under Taxiway A:

Vegetation and topsoil that can be salvaged during excavation for headwall installation will be stockpiled for use in restoration.

After the headwalls are installed, at least six inches of topsoil will be placed over the backfill.

Topsoil will be stabilized using grass mats or other means to prevent erosion, and will be revegetated as soon as possible following completion of the work.

Vegetation will be reestablished using preserved native plants or seed mixtures that include native species. If woody plants are removed and cannot be preserved, they will be replaced with live stakes or dormant cuttings.

Best management practices will be employed throughout the project, including silt fences, gravel check dams and straw bales, to minimize impact to the stream.

Enforceable Policy: Priority Use of Recreational Use Areas

Evaluation: The proposed project is not located within a designated recreational use area.

Enforceable Policy: Activities in recreational waters

Evaluation: The proposed project does not involve the placement of structures, pipelines, and buoys on the surface of navigable waters.

Enforceable Policy: Public access

Evaluation: This project will restrict illegal public access to state owned property that is currently being used. This restriction is necessary for protection of the airport and for the safety of the trespassers.

Enforceable Policy: Capitol improvements

Evaluation: The proposed project involves improvements to the existing Seward Airport which is located on

state owned land. Because of the safety hazard associated with allowing public access to the property the project proposes to restrict illegal public access to the area via a fence. The project area is not located in or near a designated recreational use area.

Enforceable Policy: Recreational features

Evaluation: The proposed project is not located in a designated recreational area.

Enforceable Policy: Ports, harbors, and docks in rivers within Designated Recreational Use Areas.

Evaluation: The proposed project is not located within a Designated Recreational Use Area.

Enforceable Policy: Suitable areas

Evaluation: The proposed project does not involve facilities related to commercial fishing and seafood processing.

Enforceable Policy: Water-dependent uses

Evaluation: The proposed project does not involve facilities related to commercial fishing and seafood processing.

Enforceable Policy: Sand and gravel priority areas

Evaluation: The proposed project does not involve the extraction of sand or gravel from coastal water.

Enforceable Policy: Buffer

Evaluation: The proposed project does not involve work along rivers, lakes, and shorelines within the Port Graham or Nanwalek AMSA.

Certification Statement

The information contained herein is true and complete to the best of my knowledge. I certify that the proposed activity complies with, and will be conducted in a manner consistent with, the Alaska Coastal Management Program.

Signature of Applicant or Agent

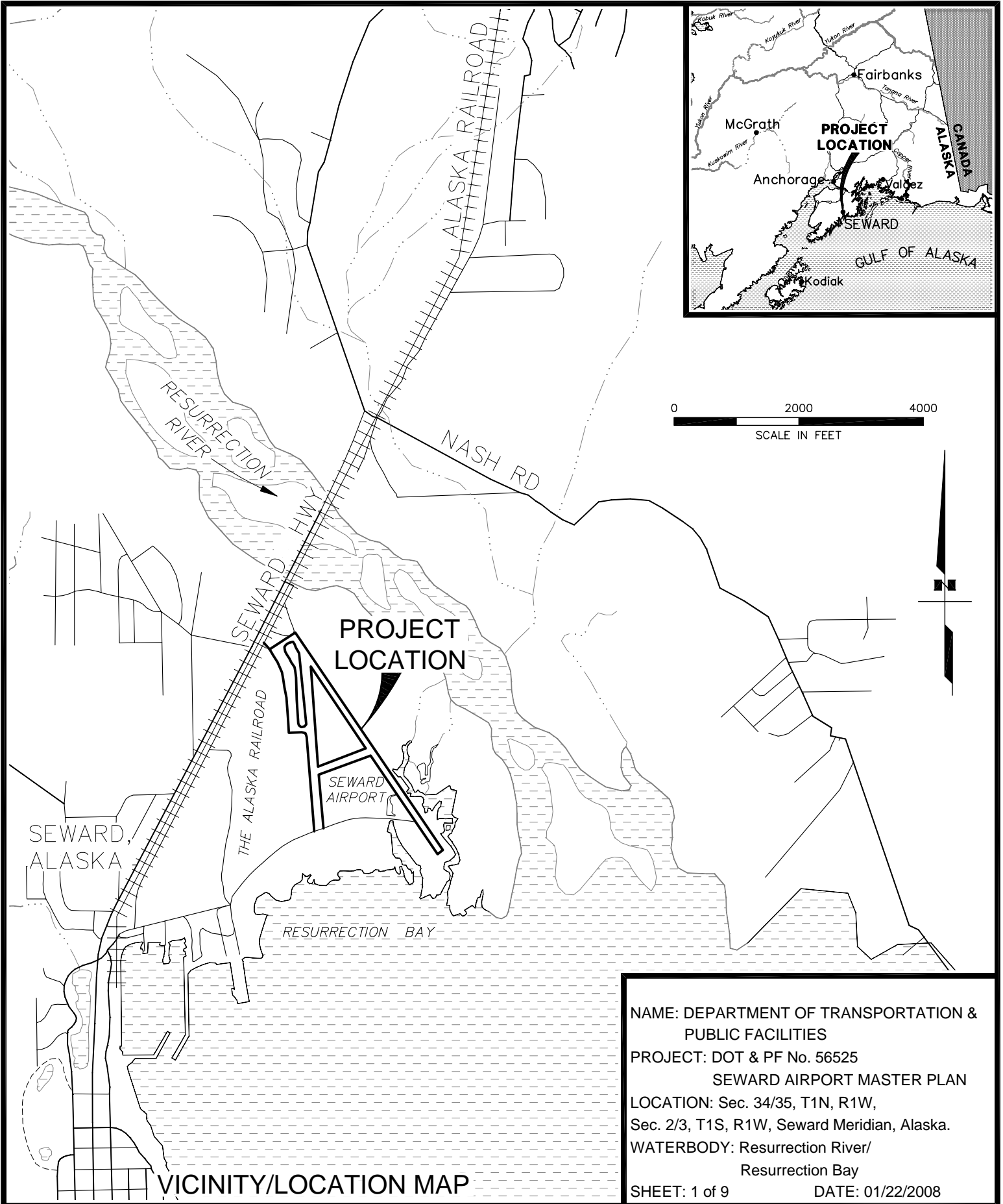
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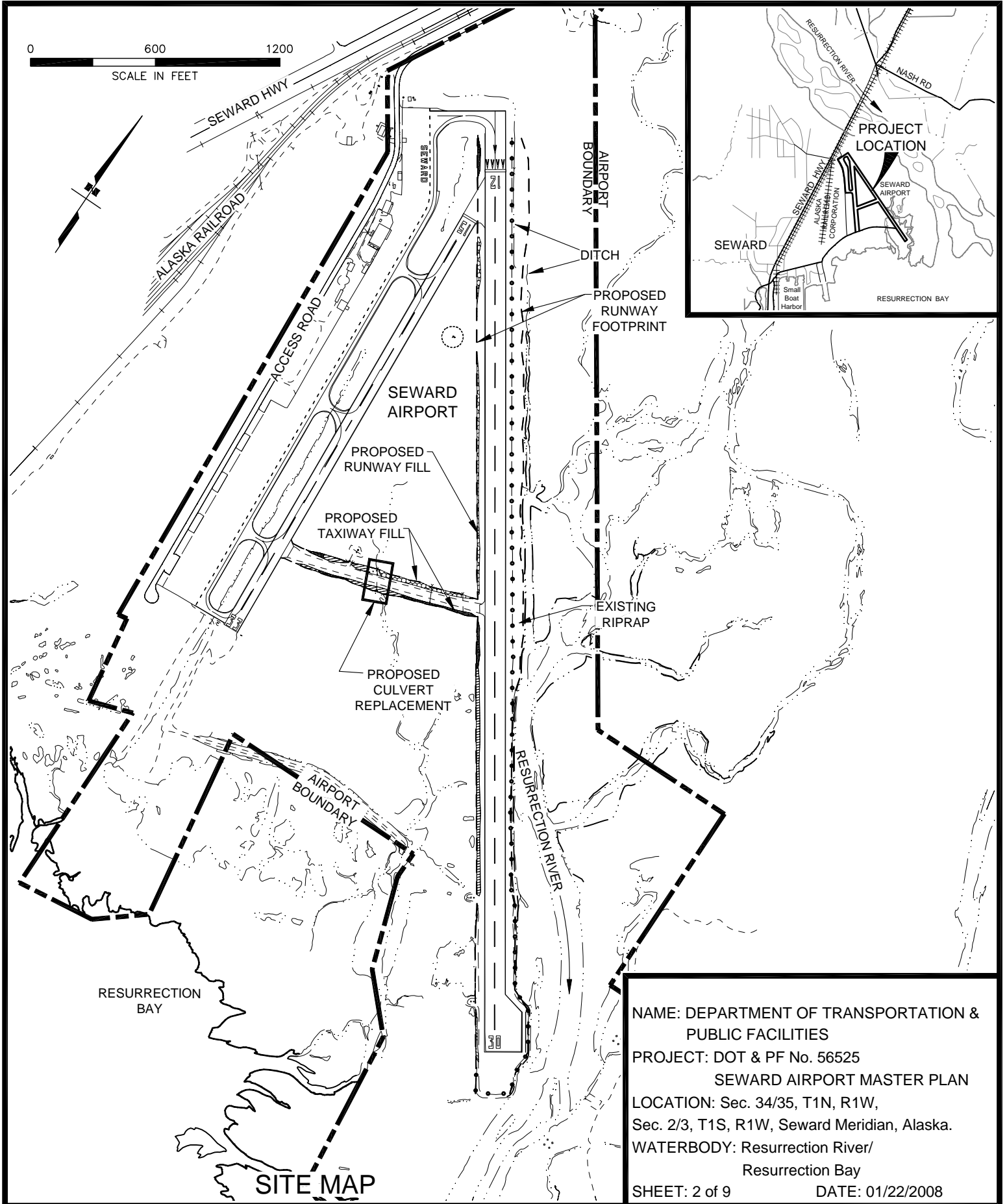
Note: Federal agencies conducting an activity that will affect the coastal zone are required to submit a federal consistency determination, per 15 CFR 930, Subpart C, rather than this certification statement.

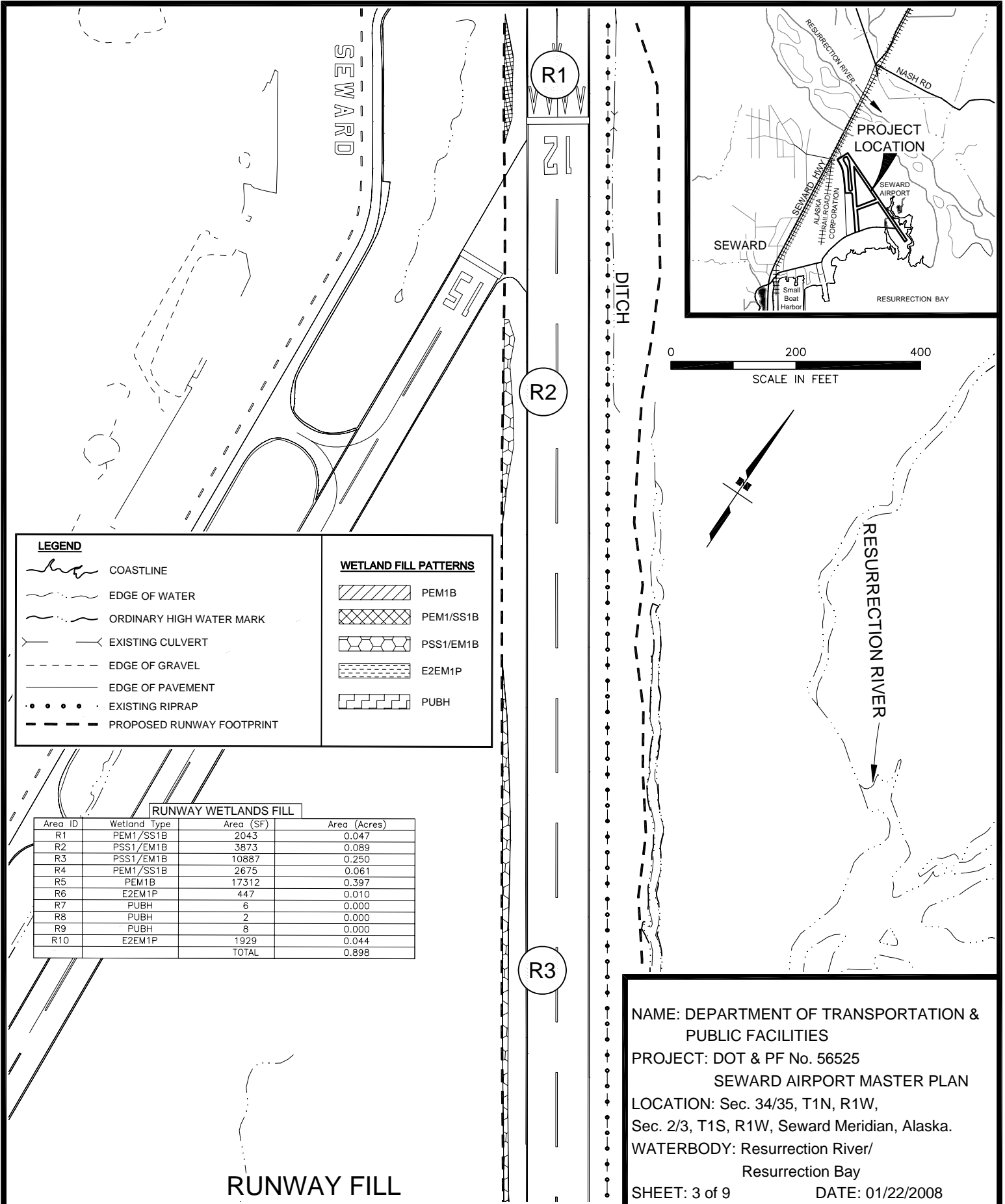
ACMP has developed a guide to assist federal agencies with this requirement. Contact ACMP to obtain a copy.

This certification statement will not be complete until all required State and federal authorization requests have been submitted to the appropriate agencies.

- **To complete your packet, please attach your State permit applications and copies of your federal permit applications to this questionnaire. ([11 AAC 110.215\(a\)\(1\) and \(a\)\(2\)](#))**







LEGEND

- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

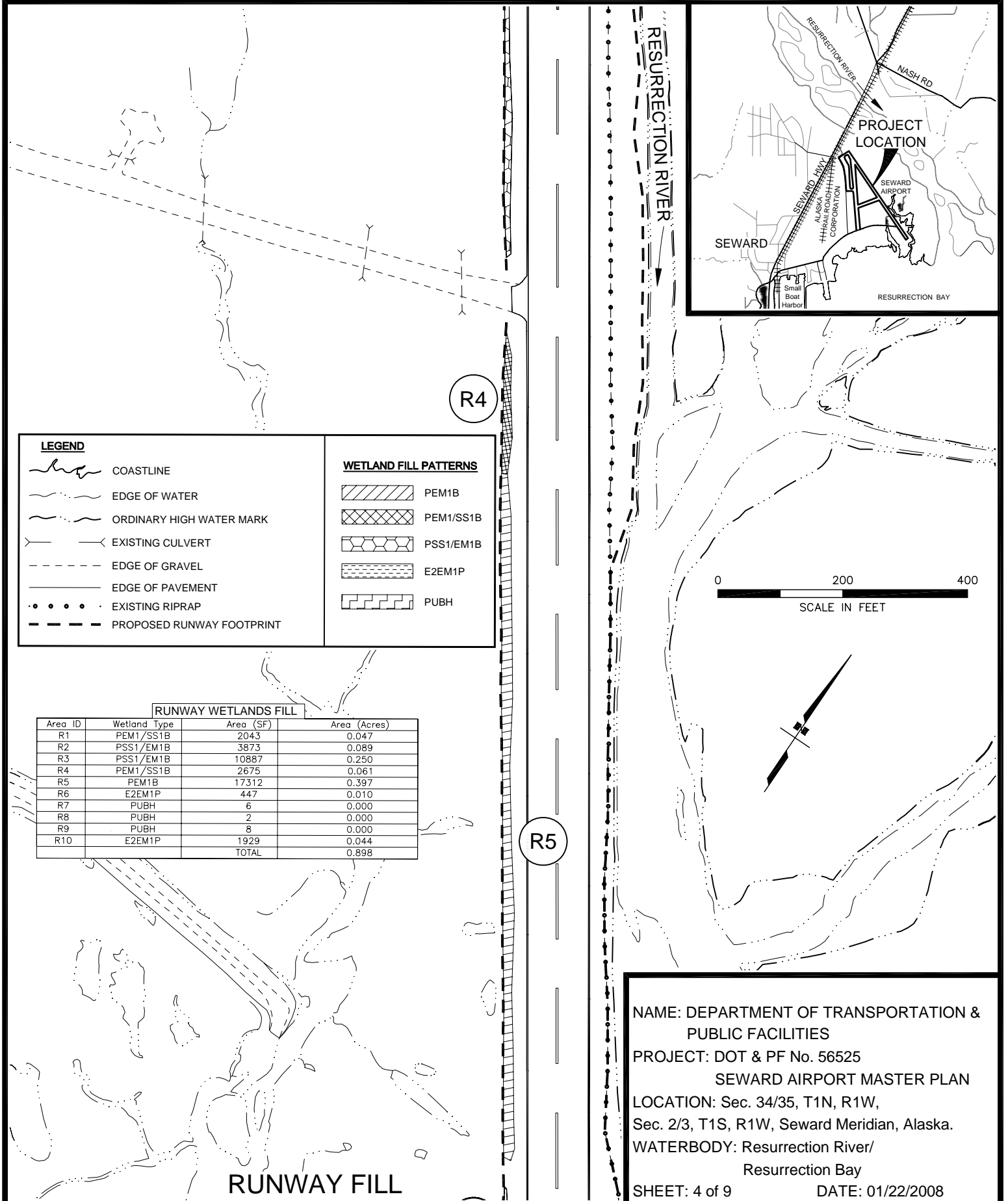
WETLAND FILL PATTERNS

- PEM1B
- PEM1/SS1B
- PSS1/EM1B
- E2EM1P
- PUBH

RUNWAY WETLANDS FILL

Area ID	Wetland Type	Area (SF)	Area (Acres)
R1	PEM1/SS1B	2043	0.047
R2	PSS1/EM1B	3873	0.089
R3	PSS1/EM1B	10887	0.250
R4	PEM1/SS1B	2675	0.061
R5	PEM1B	17312	0.397
R6	E2EM1P	447	0.010
R7	PUBH	6	0.000
R8	PUBH	2	0.000
R9	PUBH	8	0.000
R10	E2EM1P	1929	0.044
	TOTAL		0.898

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
 PROJECT: DOT & PF No. 56525
 SEWARD AIRPORT MASTER PLAN
 LOCATION: Sec. 34/35, T1N, R1W,
 Sec. 2/3, T1S, R1W, Seward Meridian, Alaska.
 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 3 of 9 DATE: 01/22/2008



R4

R5

LEGEND

- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

WETLAND FILL PATTERNS

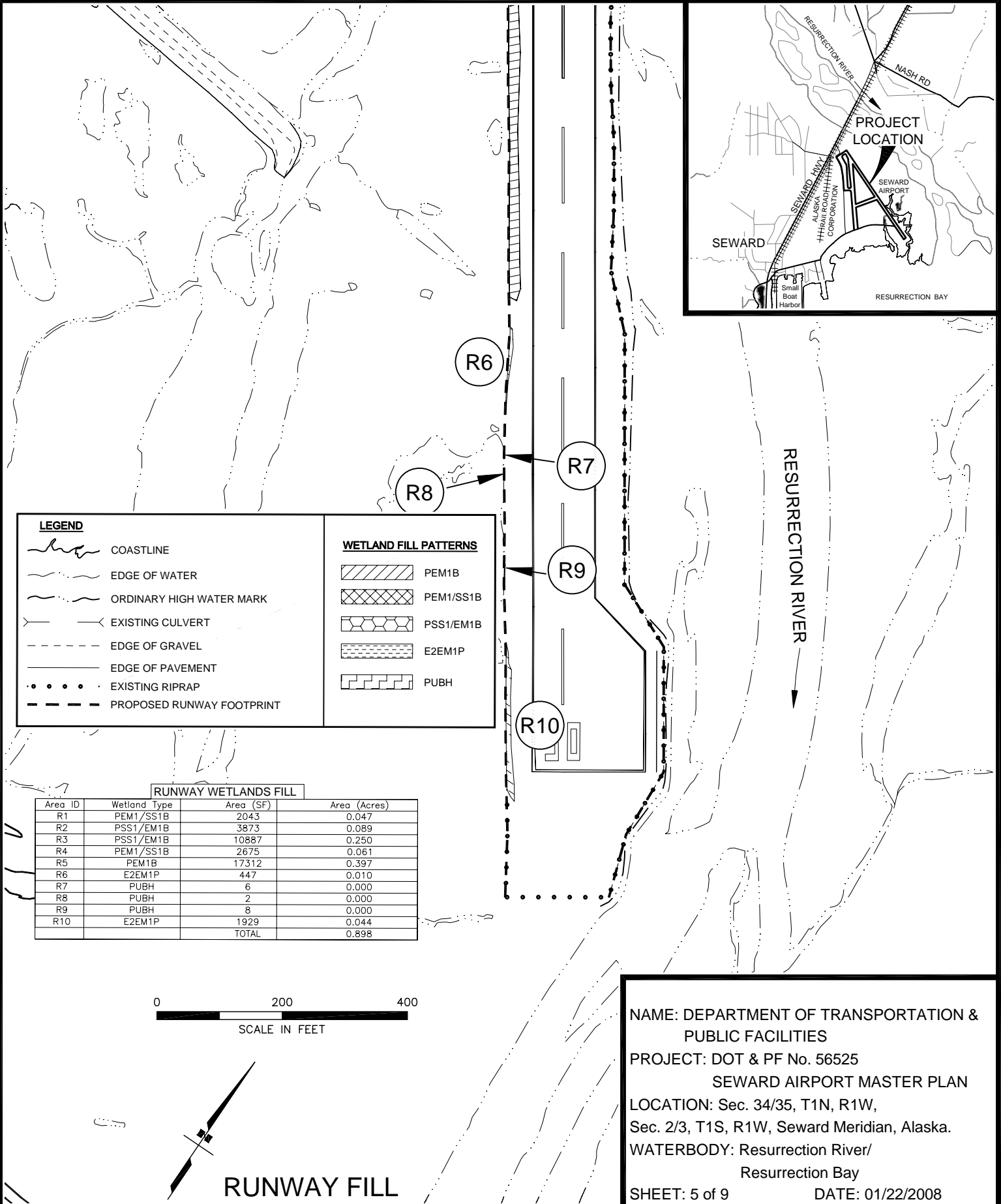
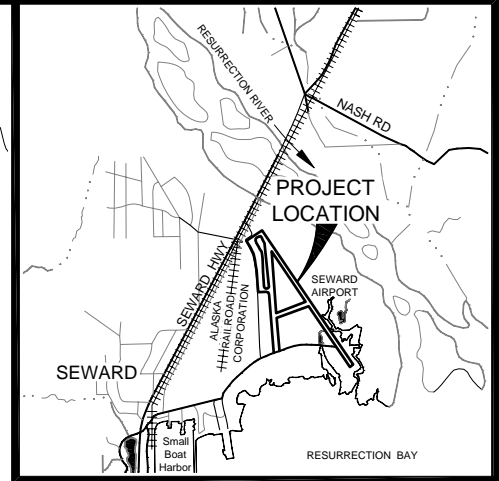
- PEM1B
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RUNWAY WETLANDS FILL

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LEGEND

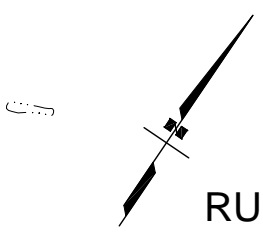
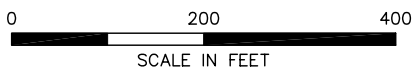
- COASTLINE
- EDGE OF WATER
- ORDINARY HIGH WATER MARK
- EXISTING CULVERT
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- EXISTING RIPRAP
- PROPOSED RUNWAY FOOTPRINT

WETLAND FILL PATTERNS

- PEM1B
- PEM1/SS1B
- PSS1/EM1B
- E2EM1P
- PUBH

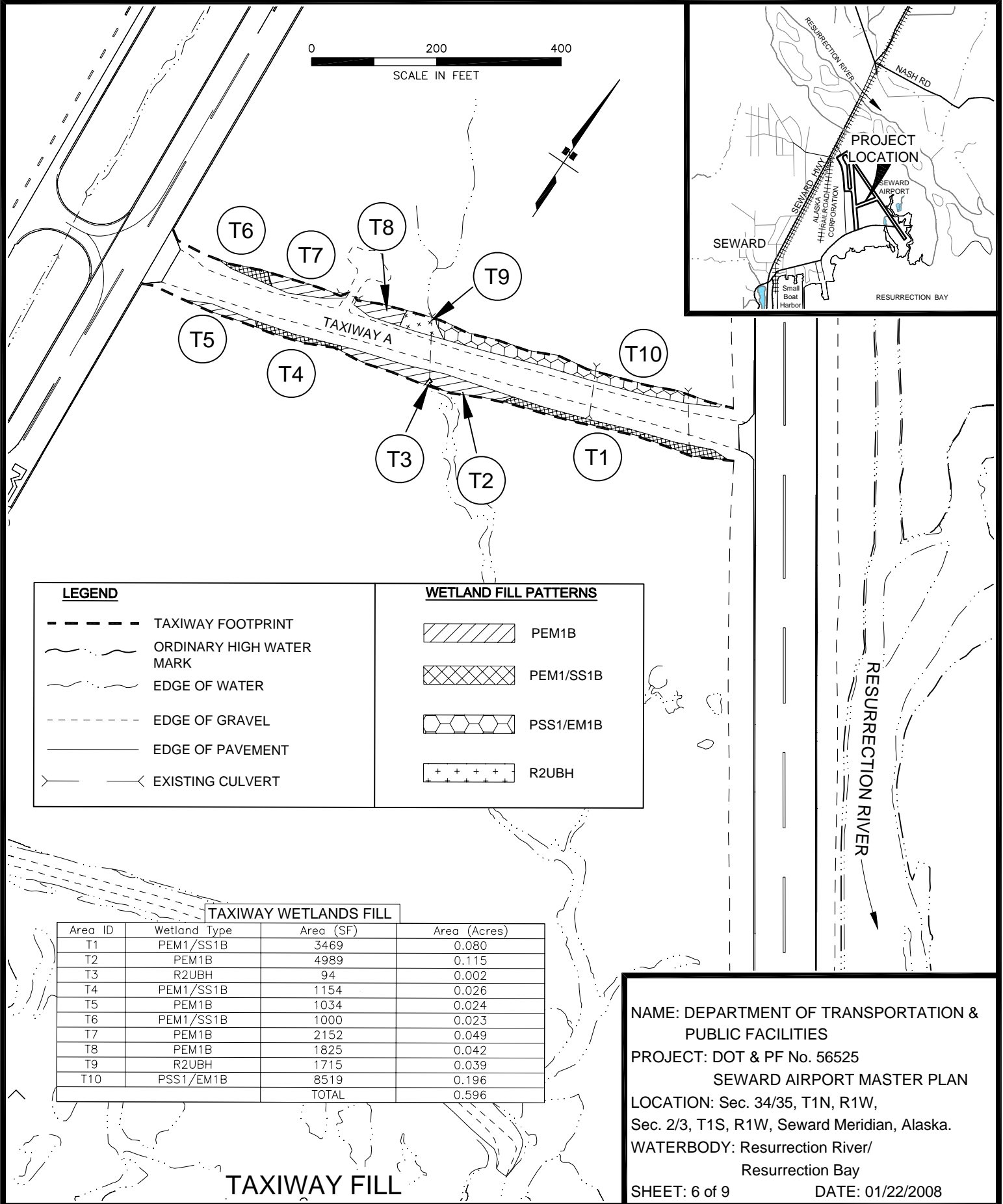
RUNWAY WETLANDS FILL

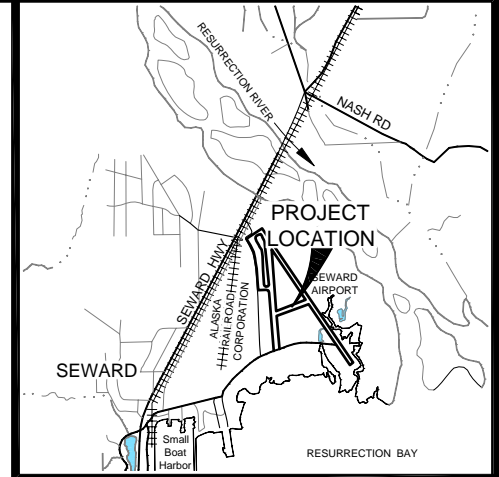
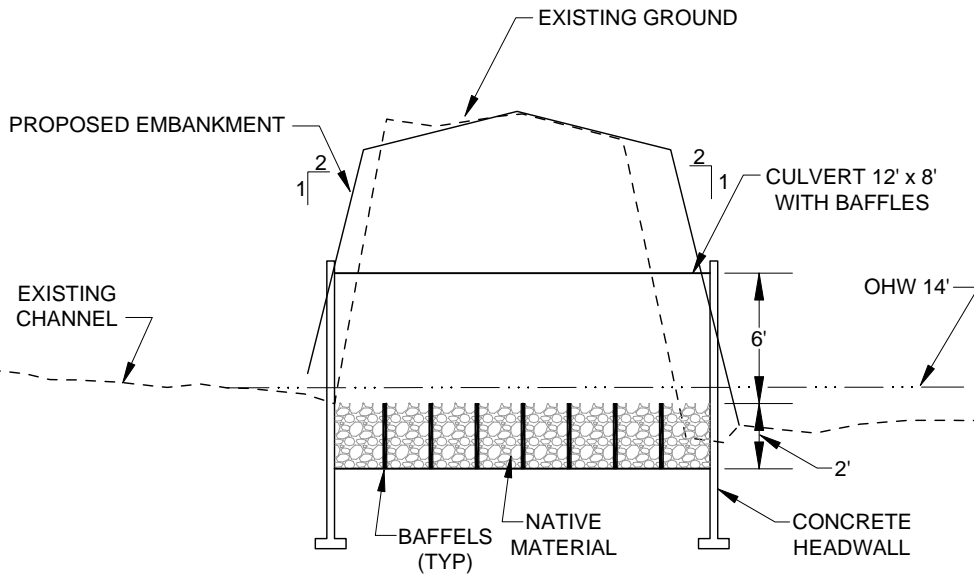
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	TOTAL		0.898



RUNWAY FILL

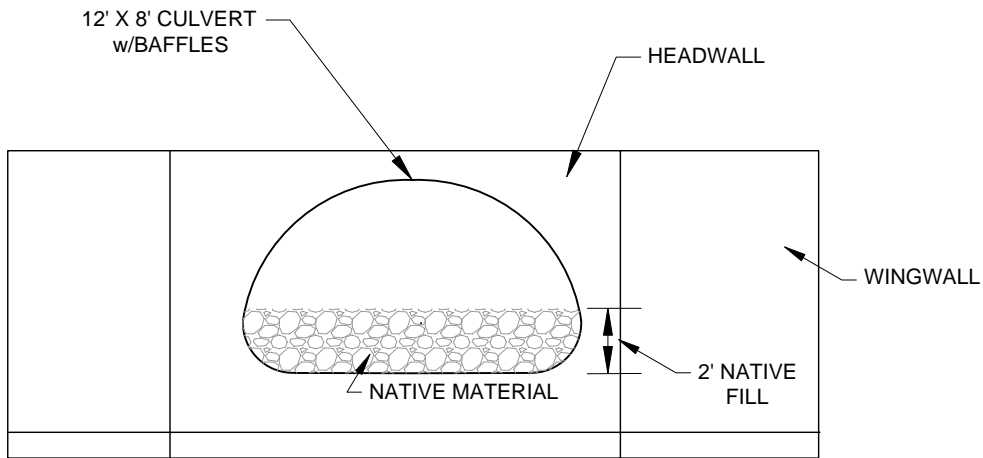
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 WATERBODY: Resurrection River/
 Resurrection Bay
 SHEET: 5 of 9 DATE: 01/22/2008





TYPICAL CULVERT SECTION (TAXIWAY A)

NTS

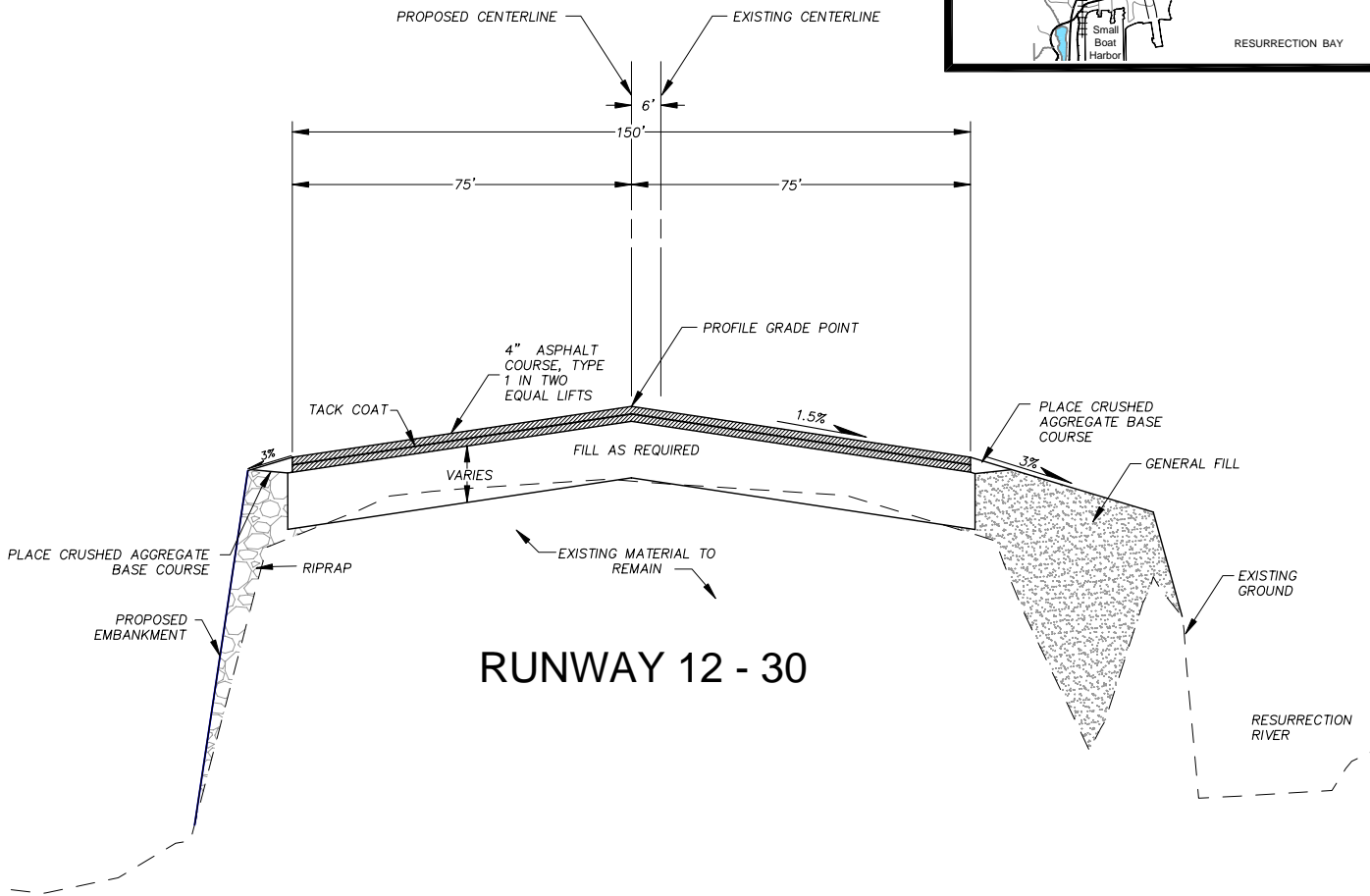
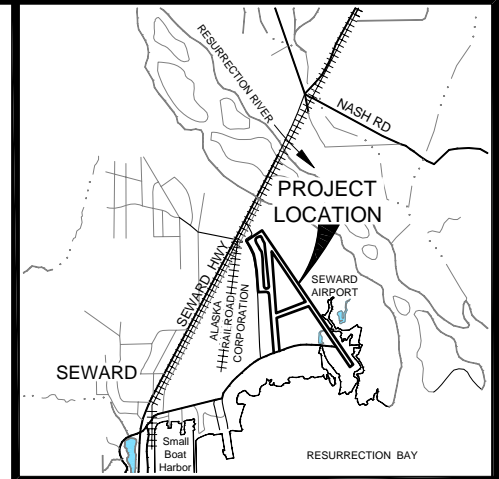


CULVERT DETAIL

NTS

DETAILS

NAME: DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES
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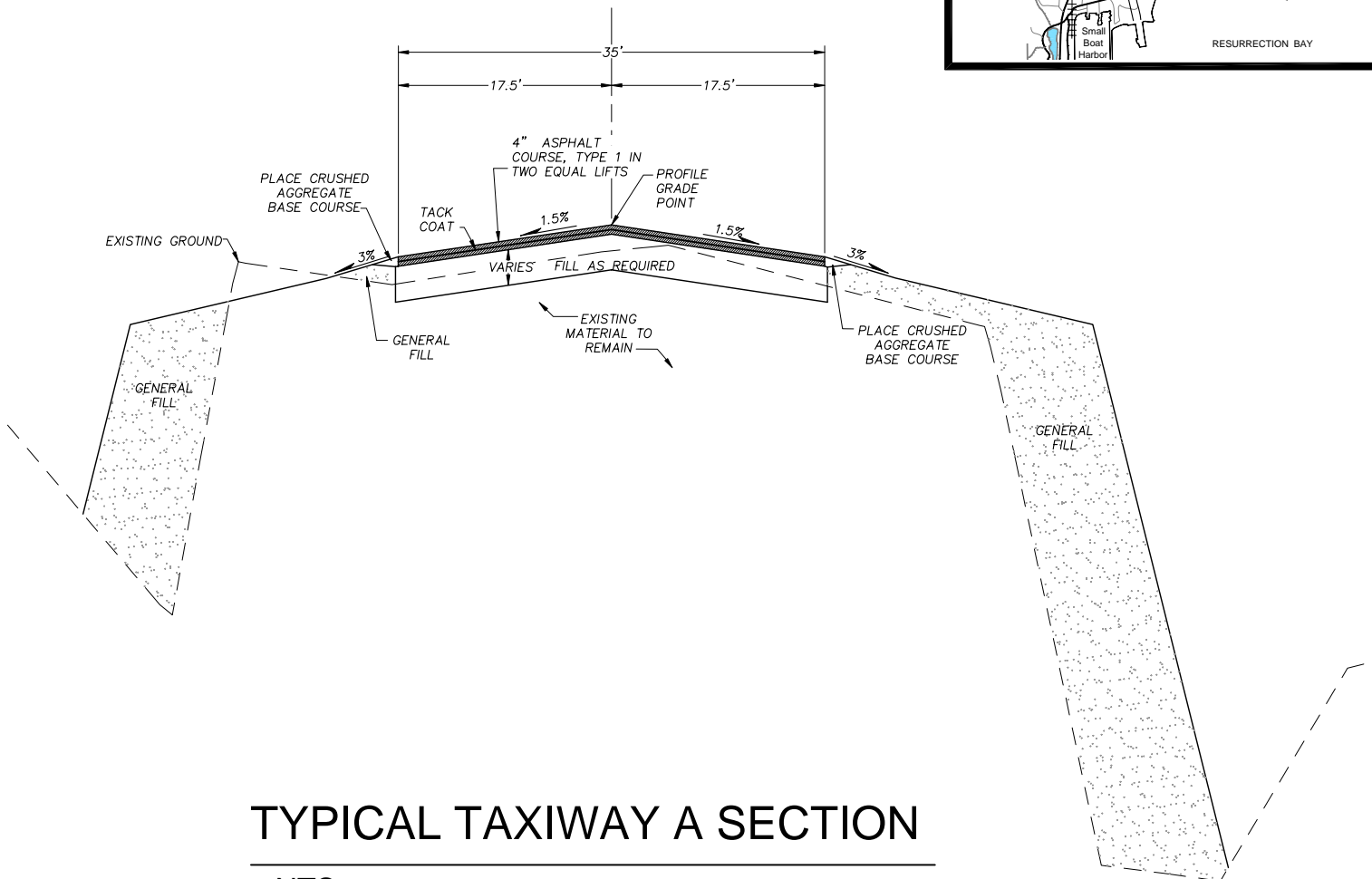
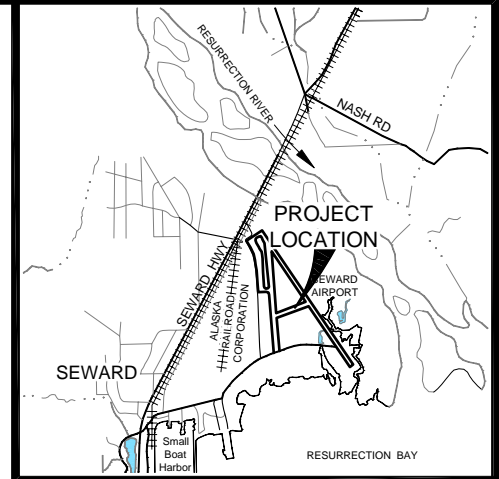


TYPICAL RUNWAY 12-30 SECTION

NTS

TYPICAL RUNWAY SECTION

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TYPICAL TAXIWAY A SECTION

NTS

TYPICAL TAXIWAY SECTION

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SHEET: 9 of 9 DATE: 01/22/2008