



July 23, 2026

Project No. M0232.17.120

Blake Hamalainen
Port of Portland
7200 NE Airport Way
Portland, Oregon 97218

Re: TCORE Gate C5 Construction Completion Letter
Portland International Airport
Portland, Oregon

Dear Blake Hamalainen:

On behalf of the Port of Portland (Port), Maul Foster & Alongi, Inc. (MFA) has prepared this letter to document the implementation of the Environmental Management Plan (EMP) for the Terminal Core (TCORE) Redevelopment Project – Gate C5 site (the “Site”) at the Portland International Airport (PDX). The EMP was received and approved by the Oregon Department of Environmental Quality (DEQ) on April 6, 2026. The construction activities were completed from April through May 2026. The Site is presented on drawing PDX 2021-510 Sheet C3.002-F in Attachment A.

The project activities included adjustment to underground utilities that settled following installation. The project activities were conducted in accordance with the EMP which included a contaminated media management plan (CMMP) and a groundwater discharge, treatment, and monitoring management plan¹.

Project Team

The project team consisted of the following:

- Owner—Port of Portland
- Prime Construction Contractor— Hoffman Skanska Joint Venture (HSJV)
- Excavation Contractor— Coffman Excavation

Construction Methods

Construction methods used during the utility installations are discussed in this section. Photo documentation is provided in Attachment B.

Erosion- and Sediment-Control Best Management Practices

Work at the Site was completed after removal of the overlying Portland cement concrete surface. There are no stormwater inlets in the vicinity of the Site and all work was completed inside the concrete sawcut area. A sweeper truck was operated at the Site.

¹ MFA. 2025. *Taxiway A West Rehabilitation Project – Revised Final Environmental Management Plan*, June 26.

Utility Adjustment Activities

Coffman Excavation removed the Portland cement concrete surface and excavated soil along the utility lines (as needed) to a depth of approximately 6 feet below ground surface (bgs). Observations of soil were conducted in accordance with the CMMP. No unanticipated soil contamination was observed.

Groundwater was not encountered in the excavation. The excavated soil was stockpiled within the sunken work area and used as backfill. No soil was removed from the Site for disposal or other reuse.

Backfill

All excavated material was reused for backfill.

Deviations

No deviations from the DEQ-approved EMP were documented.

Sincerely,

Maul Foster & Alongi, Inc.

A handwritten signature in blue ink, appearing to read 'Michael Pickering'.

Michael Pickering, RG
Principal Geologist

Attachments

Limitations

A—Port Drawing

B—Photograph Log

Limitations

The services undertaken in completing this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

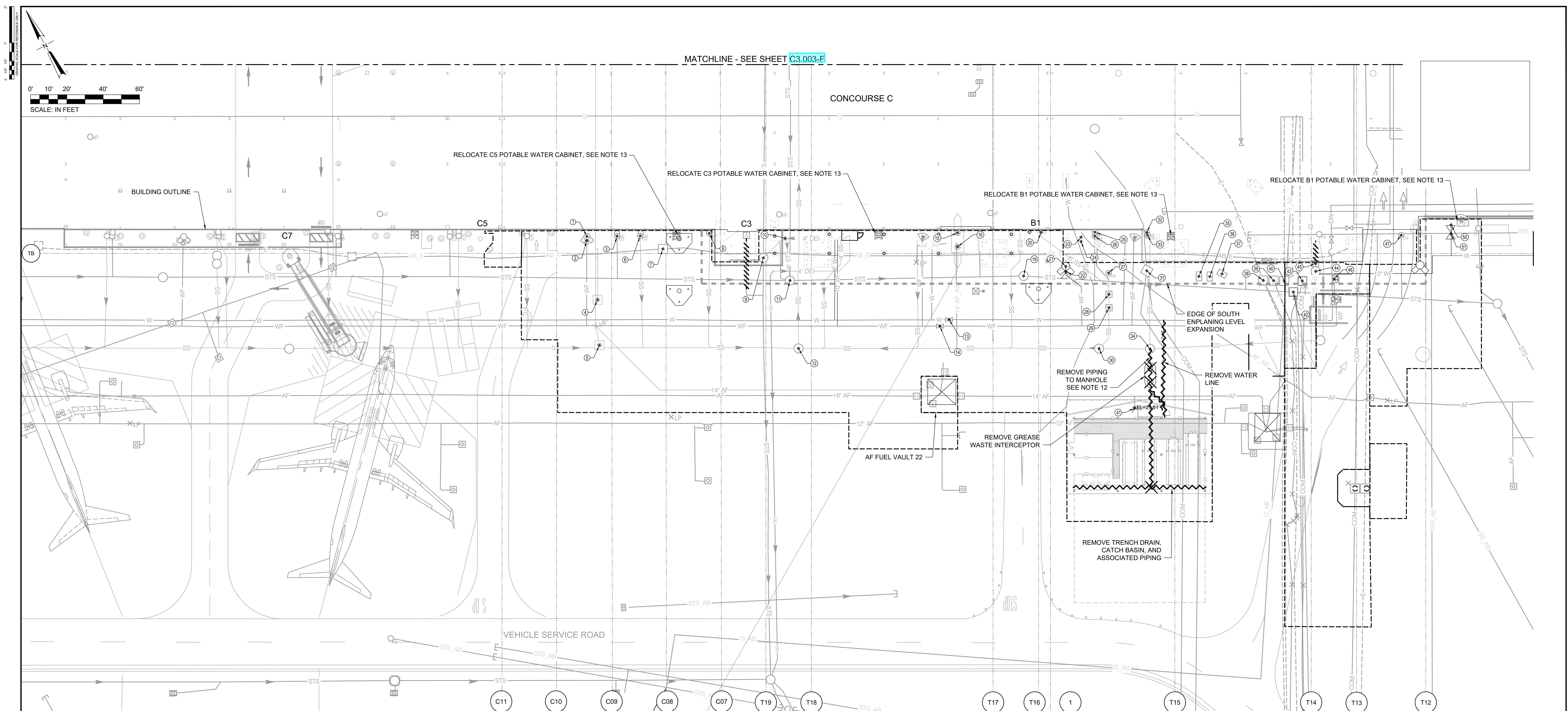
Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

Attachment A

Port Drawing



MAUL
FOSTER
ALONGI



ADJUSTMENT SCHEDULE						
#	ASSET ID#	DESCRIPTION	EX. ELEV.	FIN. ELEV.	REMARKS	ADJ. DETAIL
1	FH008	EX. W FH	27.17	26.99	ADJ	
2	WV075	EX. W VALVE	27.12	26.97	ADJ	
3	STSC00004437	EX. STS CO	27.14	26.99	ADJ	
4	HP CASING 1	PKG B AF CASING VENT	N/A	26.81	ADJ	
5	HPD	PKG B AF HIGH POINT VENT	N/A	26.57	ADJ	
6	SSCO00004443	EX. SS CO	27.15	26.99	ADJ	
7	EVLTO0002009	ABAND. ELEC VAULT	N/A			
8	SSCO00004445	EX. SS CO	27.16	27.00	ADJ	
9	STSMH1117	EX. STS MH	26.98	26.87	ADJ	
10	CO-DIO-1	PKG B STS CO	N/A	27.10		
11	STSMH1098	EX. STS MH	26.81	26.66	ADJ	4C3.007-F
12	SSMH997	EX. SS MH	26.39	26.27	ADJ	4C3.007-F
13	WV370	EX. W VALVE	26.50	26.35	ADJ	2C4.025-F
14	WV369	EX. W VALVE	26.46	26.31	ADJ	
15		KENNEDY FEEDER VAULT	N/A	27.06		
16		KENNEDY FEEDER VAULT	N/A	26.89		
17						
18						
19	STSMH8269	EX. STS MH	26.35	26.45	ADJ	4C3.007-F
20	CO Z-1	PKG B SS CO	N/A	26.71		

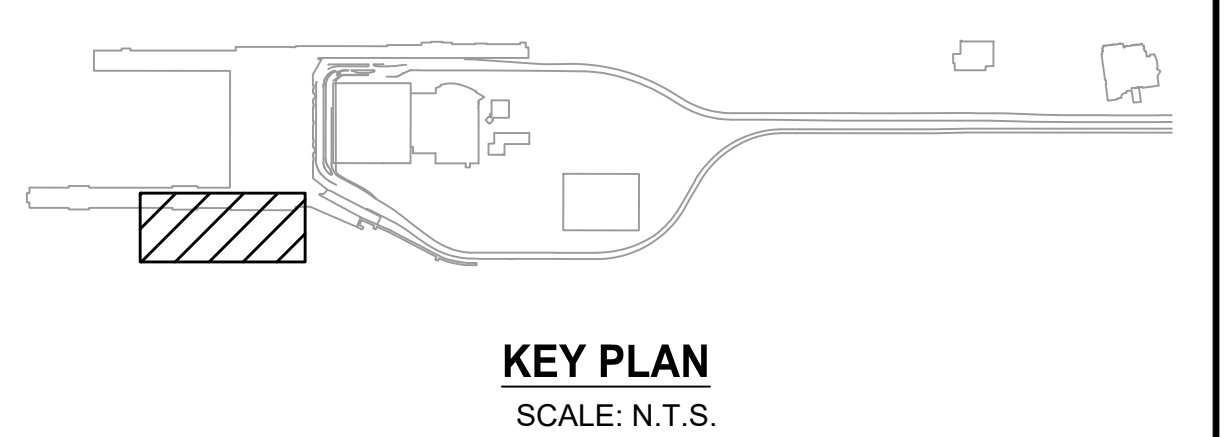
ADJUSTMENT SCHEDULE						
#	ASSET ID#	DESCRIPTION	EX. ELEV.	FIN. ELEV.	REMARKS	ADJ. DETAIL
21	FH-2	PKG B W FH	N/A	26.49		
22	WF-VAL-1	PKG B WF GATE VALVE	N/A	26.46		
23	FH010	EX. W FH	27.04	27.04	NAR	
24	WV076	EX. W GATE VALVE	26.62	26.62	NAR	
25	STSC00003992	EX. STS CO	26.64	26.64	NAR	
26	STSC00003991	EX. STS CO	26.61	26.61	NAR	
27	SSCO00004448	EX. SS CO	26.30	26.50	ADJ	
28	SSVL0001193	EX. SS VAULT	26.15	26.33	ADJ	4C4.024-F
29	SSVL0001194	EX. SS VAULT	26.07	26.22	ADJ	4C4.024-F
30	SSMH00002389	EX. SS MH	25.84	25.99	ADJ	4C3.007-F
31	CVLT238	EX. COMM VAULT	26.35	26.59	ADJ	8C3.007-F
32	SSCO00003989	EX. SS CO	26.67	26.67	NAR	
33	SSCO00003990	EX. SS CO	26.65	26.65	NAR	
34	SSMH998A	EX. SS MH	25.87	26.02	ADJ	4C3.007-F
35	MHTP 06B	ABAND. COMM VAULT	N/A		N/A	
36	MHTP 06A	ABAND. COMM VAULT	N/A		N/A	
37	MHTD 06	ABAND. COMM VAULT	N/A		N/A	
38	EVL1102	EX. ELEC VAULT	26.53	26.52	NAR	
39	EVL1108	EX. ELEC VAULT	26.57	26.52	ADJ	
40	EVL100001186	EX. ELEC VAULT	26.56	26.51	ADJ	

ADJUSTMENT SCHEDULE						
#	ASSET ID#	DESCRIPTION	EX. ELEV.	FIN. ELEV.	REMARKS	ADJ. DETAIL
41	AFVL363	AF HPV	25.59	25.73	ADJ	
42	CVLT128	EX. COMM VAULT	26.45	26.39	ADJ	
43	CVLT280	EX. COMM VAULT	26.49	26.52	ADJ	
44	SSMH00002120	ABAND. SS MH	26.52			2C3.007-F
45	STSVLT527	ABAND. STS VAULT	26.57			2C3.007-F
46	WV078	EX. W VALVE	26.40	26.50	ADJ	2C4.025-F
47	STSC09178	EX. STS CO	26.66	26.65	NAR	
48						
49						
50	FH-1	PKG B W FH	N/A	26.72		
51	GV-F	PKG B WF GATE VALVE	N/A	26.69		

LEGEND:

- REMOVE EXISTING STRUCTURE
- DIRECTION OF FLOW
- EXISTING MH
- EXISTING CATCH BASIN
- EXISTING CLEAN OUT
- EXISTING WATER VALVE
- REMOVAL OF EXISTING UTILITY
- ABANDONMENT OF EXISTING UTILITY
- STS
- W
- AF
- SS
- PRF
- P_ABAND_STS
- EXISTING STORM SEWER
- EXISTING WATER LINE
- EXISTING AVIATION FUEL
- EXISTING SANITARY SEWER
- LIMITS OF PAVEMENT WORK
- EXISTING PERFORATED PIPE
- ABANDONED STORM SEWER
- ELECTRICAL/COMM
- DUCTBANK, PROPOSED OR EXISTING

- NOTE(S):**
- FOR PAVEMENT REMOVAL, SEE SHEETS C1.001-F - C1.007-F.
 - ALL ITEMS REMOVED OR DEMOLISHED SHALL BE DISPOSED OF OFF AIRPORT PROPERTY BY THE CONTRACTOR UNLESS OTHERWISE NOTED OR OTHERWISE DIRECTED BY THE PORT.
 - EXISTING GROUNDWATER LEVELS IN THE PROJECT AREA CAN BE AT GROUND SURFACE.
 - COORDINATE ALL REMOVALS WITH INSTALLATION AND ACTIVATION OF REPLACEMENT FACILITIES. ALL SYSTEMS SHALL REMAIN FUNCTIONAL AT ALL TIMES WITH THE EXCEPTION OF LIMITED (USUALLY NIGHT-TIME) SHUTDOWNS FOR CONNECTIONS AND SWITCH-OVERS.
 - FLUSH FUEL LINE TO BE ABANDONED TO COMPLETELY REMOVE FUEL AND FILL WITH CLSM. COLLECT AND DISPOSE OF FUEL AND FUEL CONTAMINATED WATER. THE FUEL SYSTEM OPERATOR WILL INSPECT EXISTING FUEL PIPING UPON REMOVAL. COORDINATE WITH THE PORT TO SCHEDULE THE FUEL SYSTEM OPERATORS INSPECTION. DO NOT REMOVE PIPE FROM SITE UNTIL APPROVED BY PORT.
 - HOT TAP OF EXISTING PIPE IN LIEU OF REMOVING PIPE AND INSTALLING SPOOL PIECES MAY BE CONDUCTED AT THE CONTRACTOR'S OPTION. NO BURIED FLANGE CONNECTIONS OR VALVES WILL BE PERMITTED IN THE FINAL PIPE CONFIGURATION.
 - FOR PIPE ABANDONMENT SEE DETAIL 1, SHEET C3.007-F. FOR MH ABANDONMENT SEE DETAIL 2, SHEET C3.007-F.
 - CUT MAINLINE FUEL PIPE AND REMOVE LATERAL CONNECTION. REPAIR MAINLINE PIPE WITH SPOOL PIECE AND PLIDCO FITTINGS.
 - INSTALL RESTRAINED JOINT FITTINGS FOR CAPPING WATER LINES AND PLACE CONCRETE THRUST BLOCKS.
 - LIMITS OF CITY OF PORTLAND REVIEW: PURSUANT TO A CITY OF PORTLAND AND PORT OF PORTLAND AGREEMENT, WORK OUTSIDE OF THE BOUNDARY SHOWN ON THE DRAWINGS IS SHOWN FOR THE CITY'S INFORMATION ONLY AND IS NOT SUBJECT TO CITY CODE ADMINISTRATION.
 - EXISTING FIRE HYDRANTS SHALL BE MAINTAINED IN CONTINUOUS SERVICE THROUGHOUT THE CONSTRUCTION DURATION UNTIL NEW REPLACEMENT FIRE HYDRANTS HAVE BEEN INSTALLED AND ARE OPERATIONAL. WATER SHALL BE SUPPLIED EITHER FROM THE EXISTING MAINLINE OR FROM LATERAL EXTENSIONS FROM THE REPLACEMENT MAINLINE AS NECESSARY FOR CONSTRUCTION SEQUENCING.
 - REMOVE PIPE FROM MANHOLE WALL. PATCH WALL AS SHOWN IN DETAIL 5, SHEET C3.007-F.
 - SEE SHEET C4.002-F FOR NEW LOCATIONS FOR RELOCATED POTABLE WATER CABINETS.



NAR = NO ADJUSTMENT REQUIRED
ADJ = ADJUST STRUCTURE TO NEW FINISHED ELEVATION

PORT OF PORTLAND PORTLAND, OREGON										PORTLAND INTERNATIONAL AIRPORT TCORE - BUILDING ENCLOSURE AND INTERIOR CONSTRUCTION UTILITY REMOVAL AND ADJUSTMENT PLAN AIRSIDE 1									
DESIGNED BY R. CARSON										SUBMITTED BY STEVE JANNSEN									
DRAWN BY N. HATCHER										TYPE DRAWING NO. CD PDX 2021-510									
CHECKED BY H. CONRADT										SHEET NO.									
DATE FEBRUARY 2021										DISC. SHT. NO. C3.002-F									
SCALE 1" = 20'										DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 22" x 17".									

NO. DATE BY REVISIONS APPVD NO. DATE BY REVISIONS APPVD NO. DATE BY REVISIONS APPVD NO. DATE BY REVISIONS APPVD

14 3/13/26 Sheet REVISED BY RFI #9945

13 2/16/26 Sheet REVISED BY RFI #9731

12 1/13/26 Sheet REVISED BY RFI #9036

11 7/18/22 Sheet REVISED BY CC #29.5

10 1/10/22 Sheet REVISED BY CC #29.4

2 N/A REVISIONS NO. 2-9 NOT USED

1 9/17/21 Sheet ADDED BY CC #29.3

1225 SW Washington Street, Suite 200
Portland, OR 97205
T 503.292.3860 F 503.292.2485

201602005
DESIGN NUMBER

102191
PROJECT NUMBER

1225 SW Washington Street, Suite 1000
Portland, OR 97205
T 503.292.3860 F 503.292.2485

201602005
DESIGN NUMBER

102191
PROJECT NUMBER

PRINTED: 3/16/2026 2:12:18 PM

File Path: \\SEA\00\Jobs\263842\CADD\DS001\Drawings\PDX TCORE\PACKAGE F2-CIVIL\3.001-F UTILITY REMOVAL AND ADJUSTMENT PLAN.dwg

Attachment B

Photograph Log



MAUL
FOSTER
ALONGI

Photographs

Project Name: TCORE Gate C5
Project Number: M0232.17.120
Location: Portland, Oregon

Photo No. 1.

Description

Work area during utility construction work.



Photo No. 2.

Description

Grading prior to replacement of Portland cement concrete surface.





Photographs

Project Name: TCORE Gate C5
Project Number: M0232.17.120
Location: Portland, Oregon

Photo No. 3.

Description

Work area after replacement of Portland cement concrete surface.

