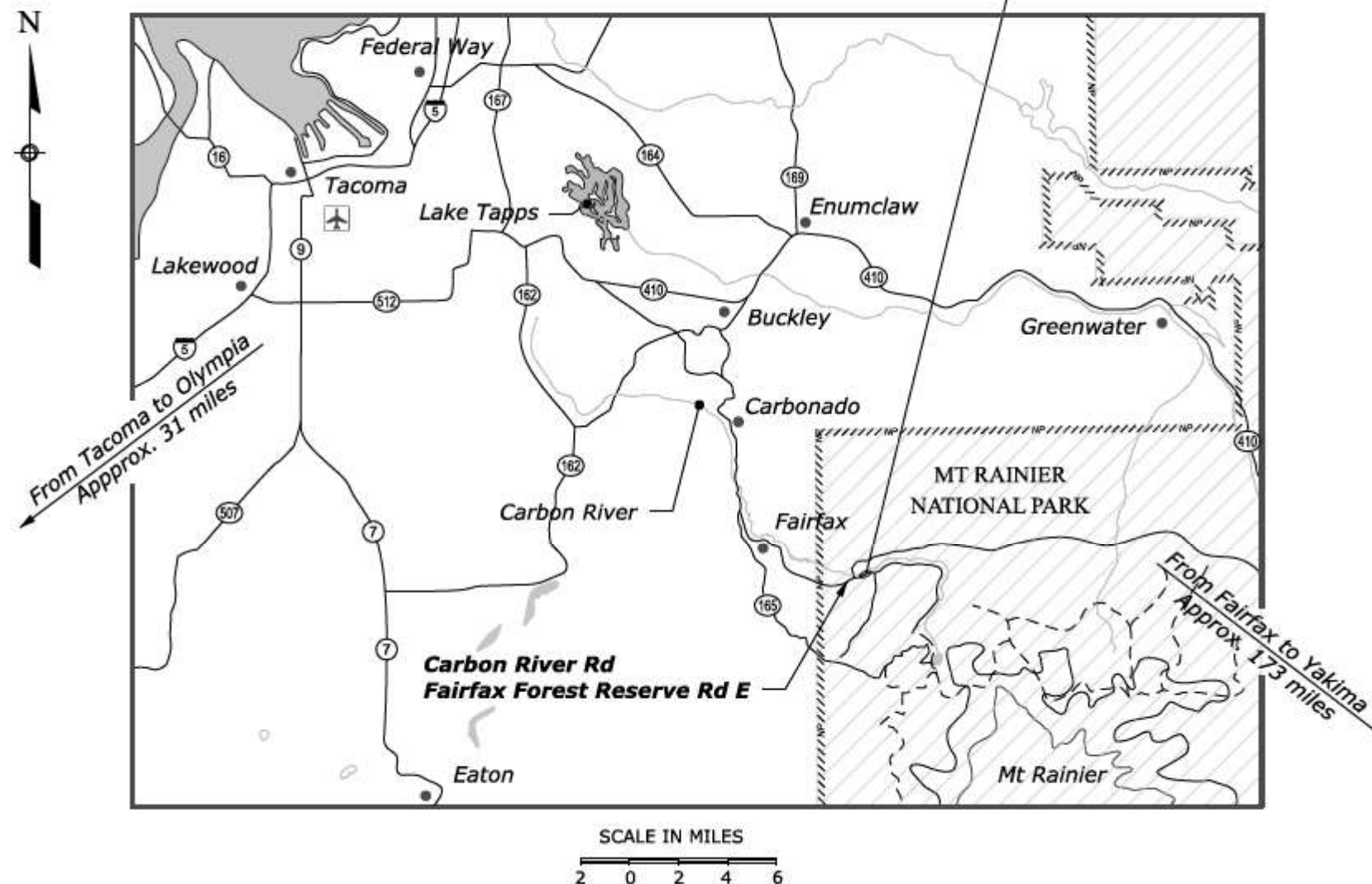


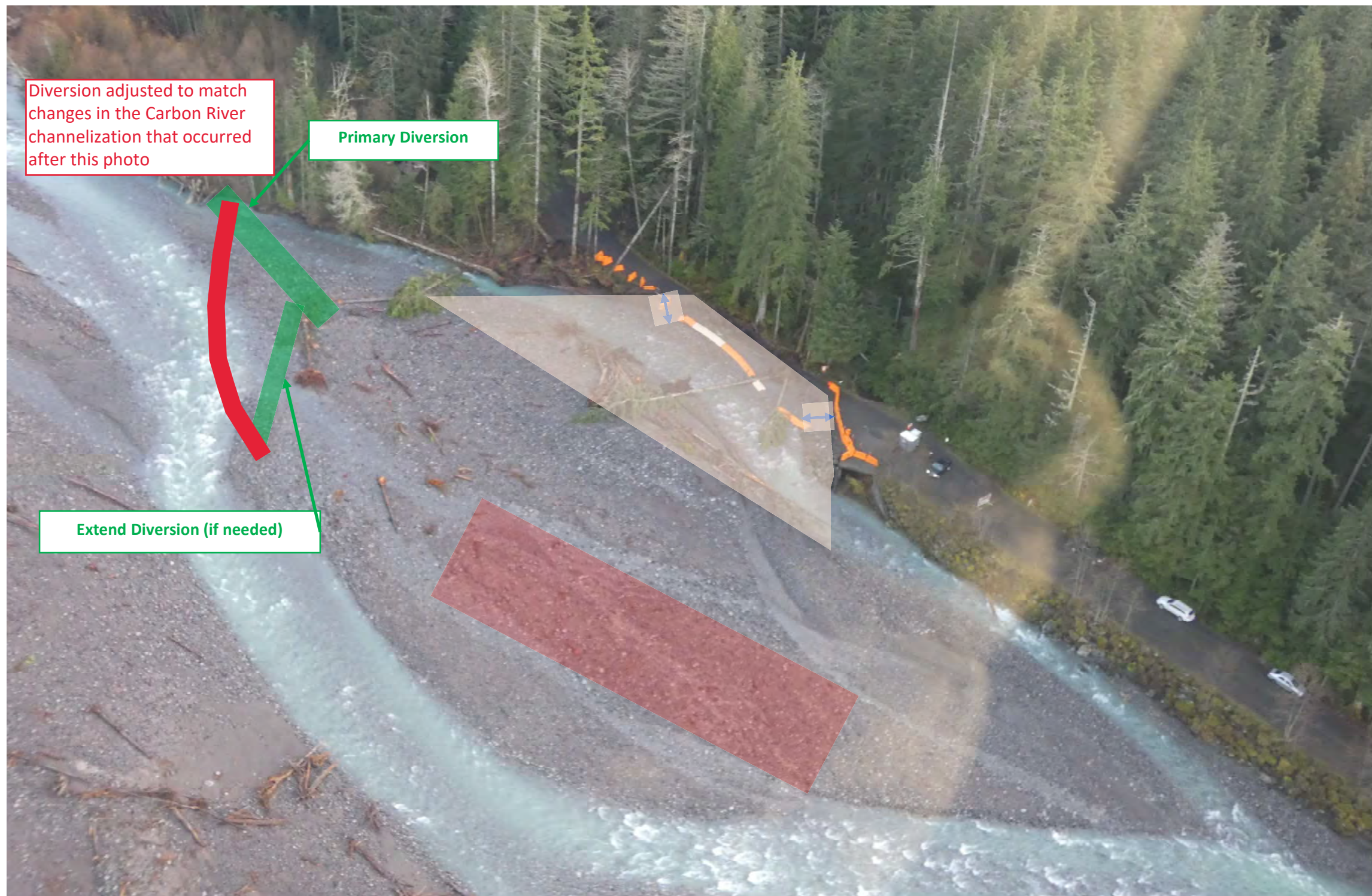
U. S. DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE MOUNT RAINIER NATIONAL PARK

CARBON RIVER ROAD EMERGENCY / INTERIM STABILIZATION

**USACE File No.
NWS-2022-450**



AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	
DATE	09 NOV 22



Legend

- Native Streambed Fill
- Material Source Area
- See Plan and Details Sheet
- Work Access Ramp

**USACE File No.
NWS-2022-450**



AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	<i>[Signature]</i>
DATE	09 NOV 22

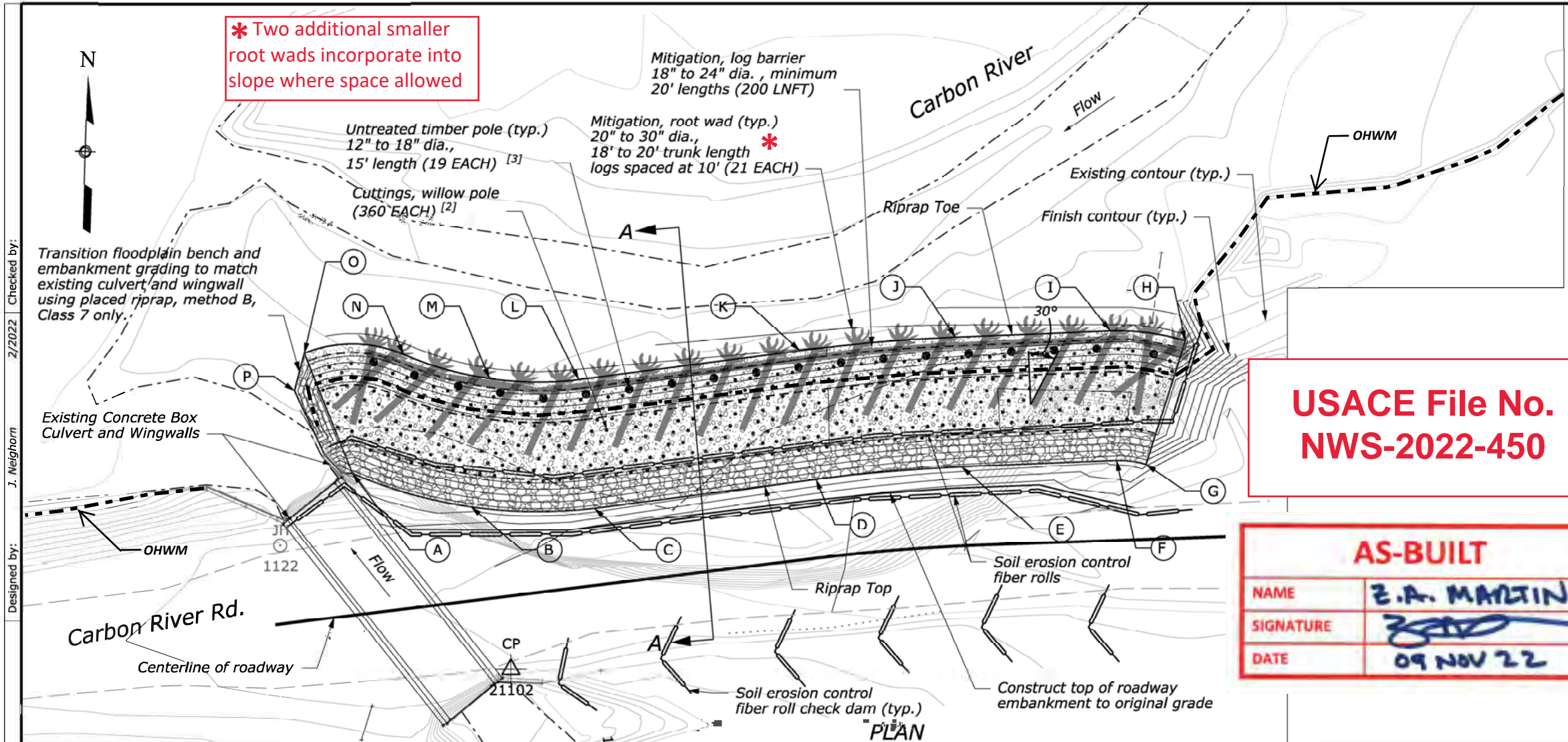
- Notes:
1. No Scale
 2. Aerial Photo dated 11/21/21 and not representative of current conditions

CARBON RIVER ROAD EMERGENCY / INTERIM STABILIZATION

PLAN OVERVIEW

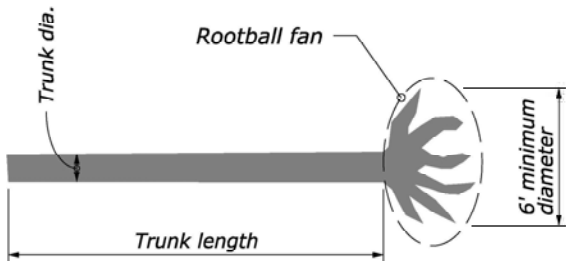
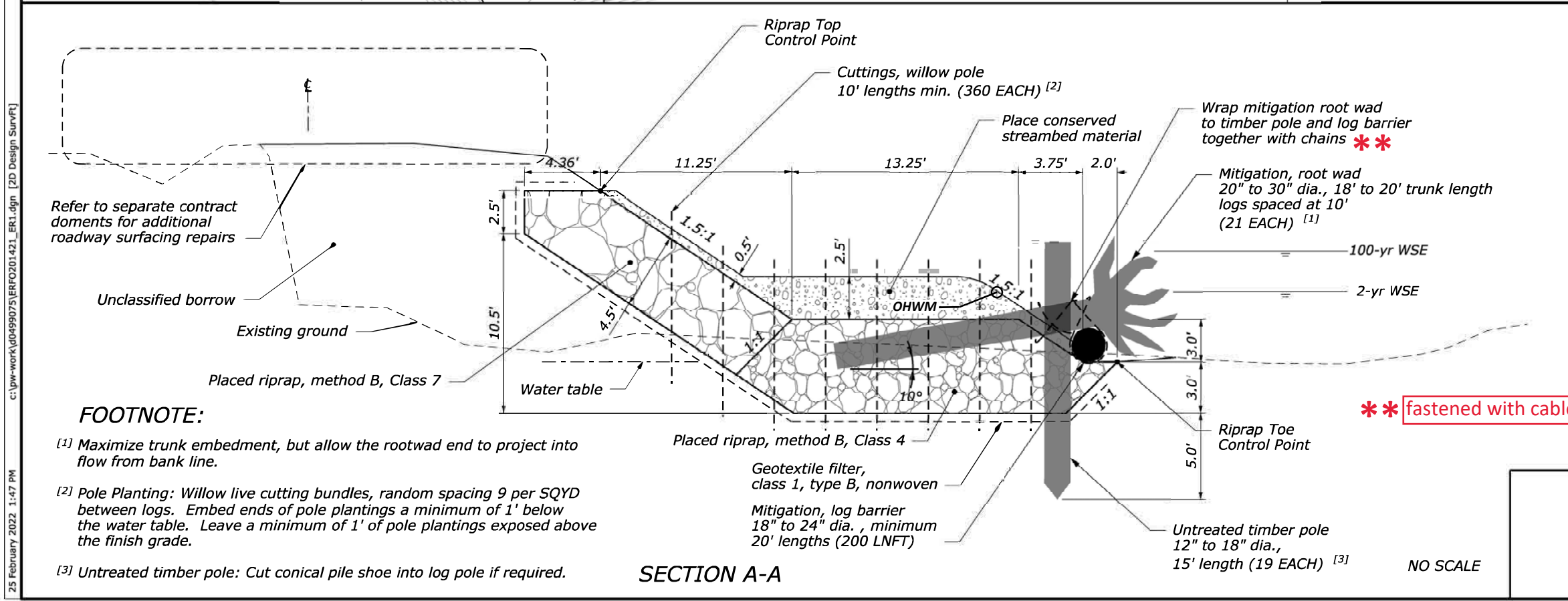
25 February 2022 1:47 PM c:\pw-work\40499075\ERF0201.421_ER1.dgn [2D Design SurvFt] Designed by: J. Neighor Checked by: 2/2022

STATE	PROJECT	SHEET NUMBER
WA	NPS ERFO 2020(1) - 42(1)	ER.1



GRADING CONTROL POINTS			
POINT	NORTHING	EASTING	RIPRAP ELEV.
CP21102	609107.89	1287020.44	1763.61
A	609153.68	1286983.44	1761.44
B	609145.93	1287011.15	1761.44
C	609145.59	1287039.93	1761.44
D	609152.35	1287091.70	1761.97
E	609155.26	1287125.72	1762.30
F	609156.73	1287161.93	1762.65
G	609155.80	1287168.81	1762.65
H	609184.51	1287177.96	1752.64
I	609186.95	1287160.70	1752.64
J	609185.48	1287124.32	1752.29
K	609182.36	1287087.95	1751.93
L	609175.62	1287036.32	1751.40
M	609175.51	1287015.71	1751.40
N	609180.86	1286995.59	1751.40
O	609181.75	1286972.18	1751.40
P	609173.03	1286969.90	1751.34

AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	
DATE	09 NOV 22



ROOTWAD DIAGRAM

EMERGENCY REPAIR BANK STABILIZATION PLAN AND DETAILS

NO SCALE



9 Root wads taken from
already downed trees along
the Carbon Hike/Bike Trail

All downed, or
partially down trees
in project area
incorporated into
project

No Trees from USFS
used

Legend

- Completely or Partially Fallen
- Substantial Root Zone Damage
- ↗ Not Shown – Additional Fallen
as needed from further up
Carbon Trail or nearby USFS

**USACE File No.
NWS-2022-450**



AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	
DATE	09 NOV 22

Notes:

1. No Scale
2. Aerial Photo dated 11/21/21 and not representative of current conditions

**CARBON RIVER ROAD
EMERGENCY / INTERIM STABILIZATION**

**TREES FOR USE AS
LARGE WOODY MATERIALS**



- Legend**
- Construction Area
 - Staging Areas on Existing Roadway

**USACE File No.
NWS-2022-450**



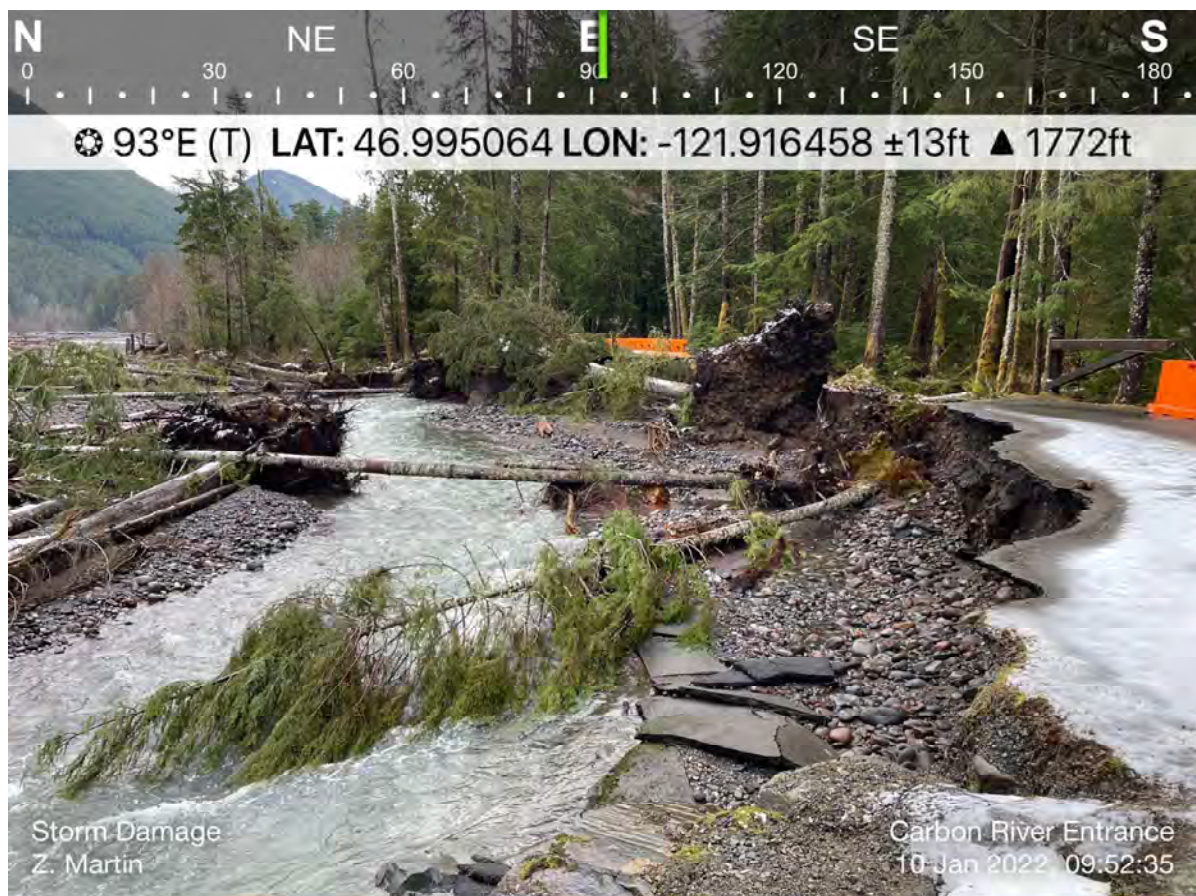
AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	
DATE	09 NOV 22

Notes:

1. No Scale
2. Aerial Photo dated 11/21/21 and not representative of current conditions

**CARBON RIVER ROAD
EMERGENCY / INTERIM STABILIZATION**

**WORK AND
STAGING AREAS**



Photos 1 and 2. General Site Photos



Photo 3. Looking Towards Area of Side Channel Diversion to be Constructed

AS-BUILT	
NAME	Z.A. MARTIN
SIGNATURE	<i>[Signature]</i>
DATE	09 NOV 22

**USACE File No.
NWS-2022-450**



Notes:

1. No Scale
2. Photos dated 1/10/22 and current conditions may have changed

PROJECT AREA
PHOTOS

CARBON RIVER ROAD
EMERGENCY / INTERIM STABILIZATION