

APPENDIX A

REACH MAPS PESHASTIN CREEK RM 8.4 TO 9.2

Map 1. Relative Elevation Map

Map 2. 2015 aerial imagery.

Map 3. 1958 Right of Way Maps for SR 97.

Map 4. Simulated Inundation and Velocity for the 2-year Recurrence Interval Flow.

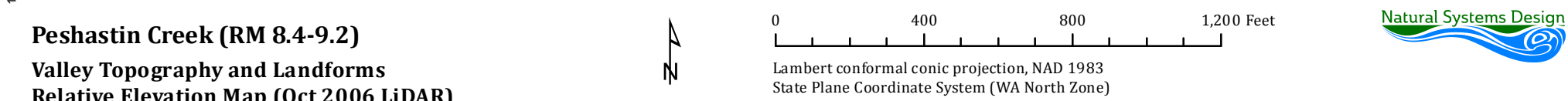
Map 5. Simulated Inundation and Velocity for the 100-year Recurrence Interval Flow.

Map 6. 2006 aerial imagery.

Map 7. 1998 aerial imagery.

Map 8. 1963 aerial imagery.

Map 9. 1957 aerial imagery.


$$\frac{A}{Z}$$

Natural Systems Design

174,000
172,000
170,000
168,000

1,682,000

1,684,000



Peshastin Creek (RM 8.4-9.2)
2015 Aerial Imagery (Google Earth)



0 400 800 1,200 Feet

Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)



174,000
172,000
170,000
168,000

1,682,000

1,684,000

Relative Elevation (ft)

20
18
16
14
12
10
8
6
4
2
0
-2
-4

River Mile Streams

Roads

Contours

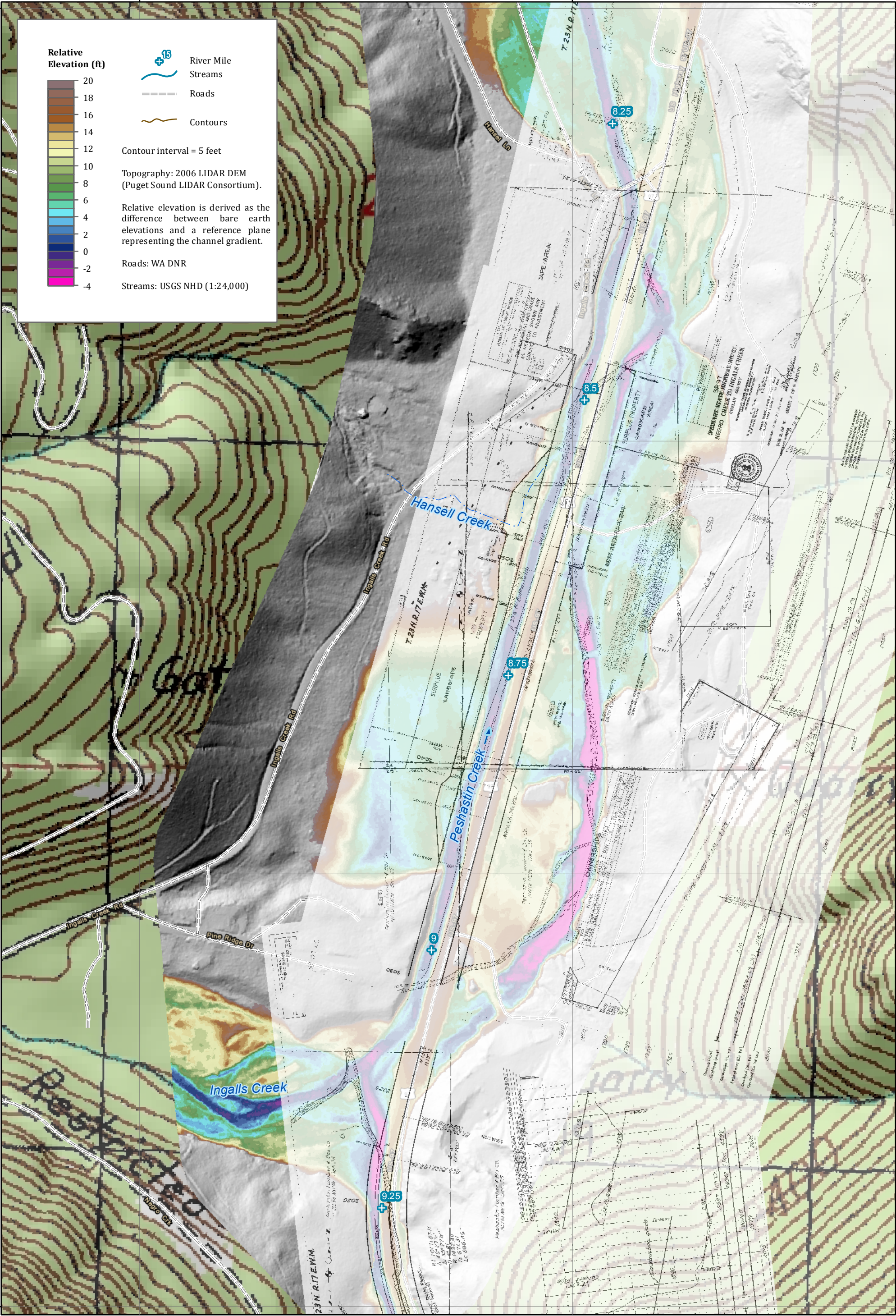
Contour interval = 5 feet

Topography: 2006 LIDAR DEM (Puget Sound LIDAR Consortium).

Relative elevation is derived as the difference between bare earth elevations and a reference plane representing the channel gradient.

Roads: WA DNR

Streams: USGS NHD (1:24,000)



Peshastin Creek (RM 8.4-9.2)

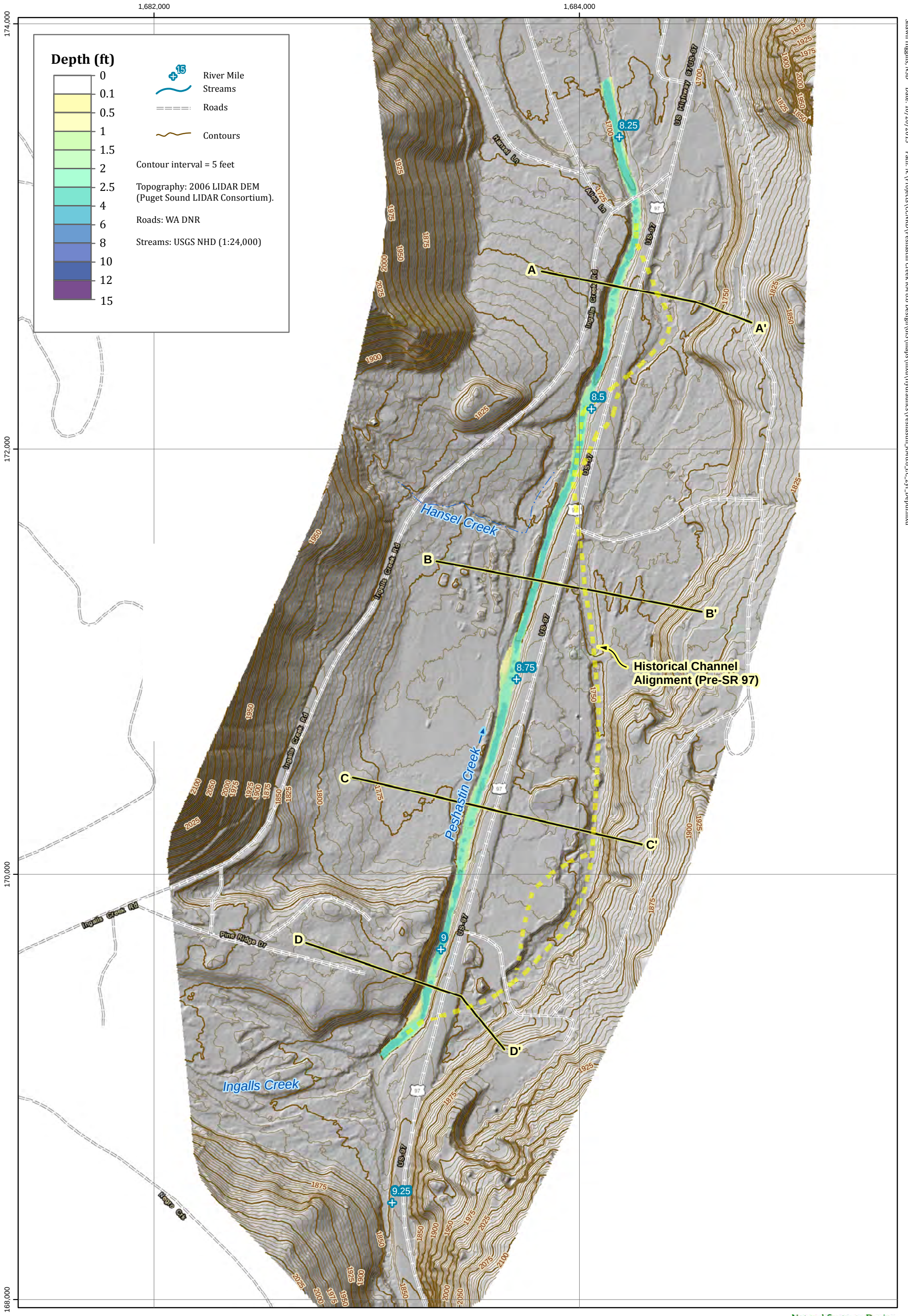
1958 Maps for Right of Way along SR 97



0 400 800 1200 Feet

Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)

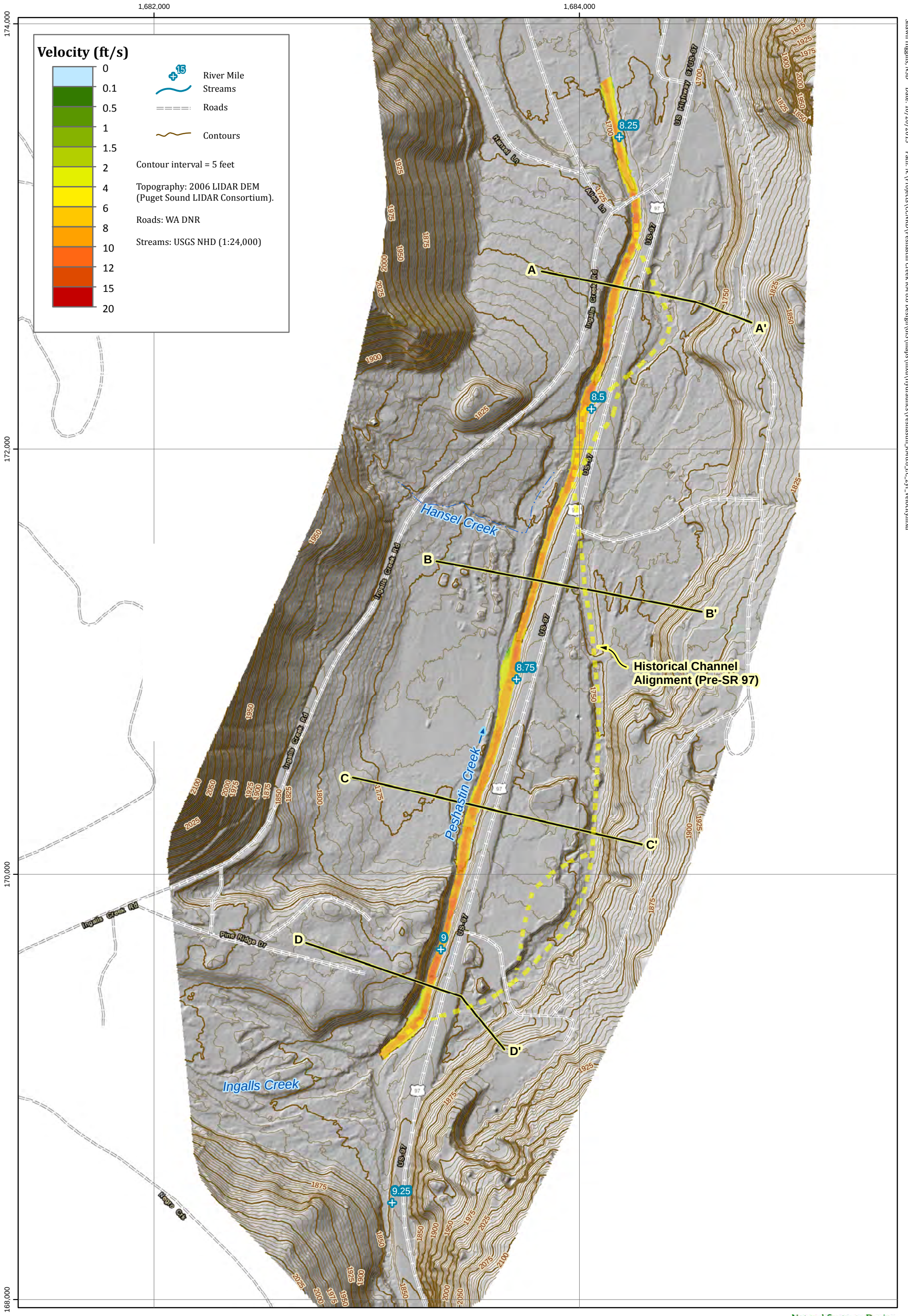




Peshastin Creek (RM 8.4-9.2)
Simulated Inundation and Flow Depth
2-Year Flood (895 cfs)

0 400 800 1,200 Feet
Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)





174,000
172,000
170,000
168,000

Velocity (ft/s)

0
0.1
0.5
1
1.5
2
4
6
8
10
12
15
20

River Mile Streams

Roads

Contours

Contour interval = 5 feet

Topography: 2006 LIDAR DEM (Puget Sound LIDAR Consortium).

Roads: WA DNR

Streams: USGS NHD (1:24,000)

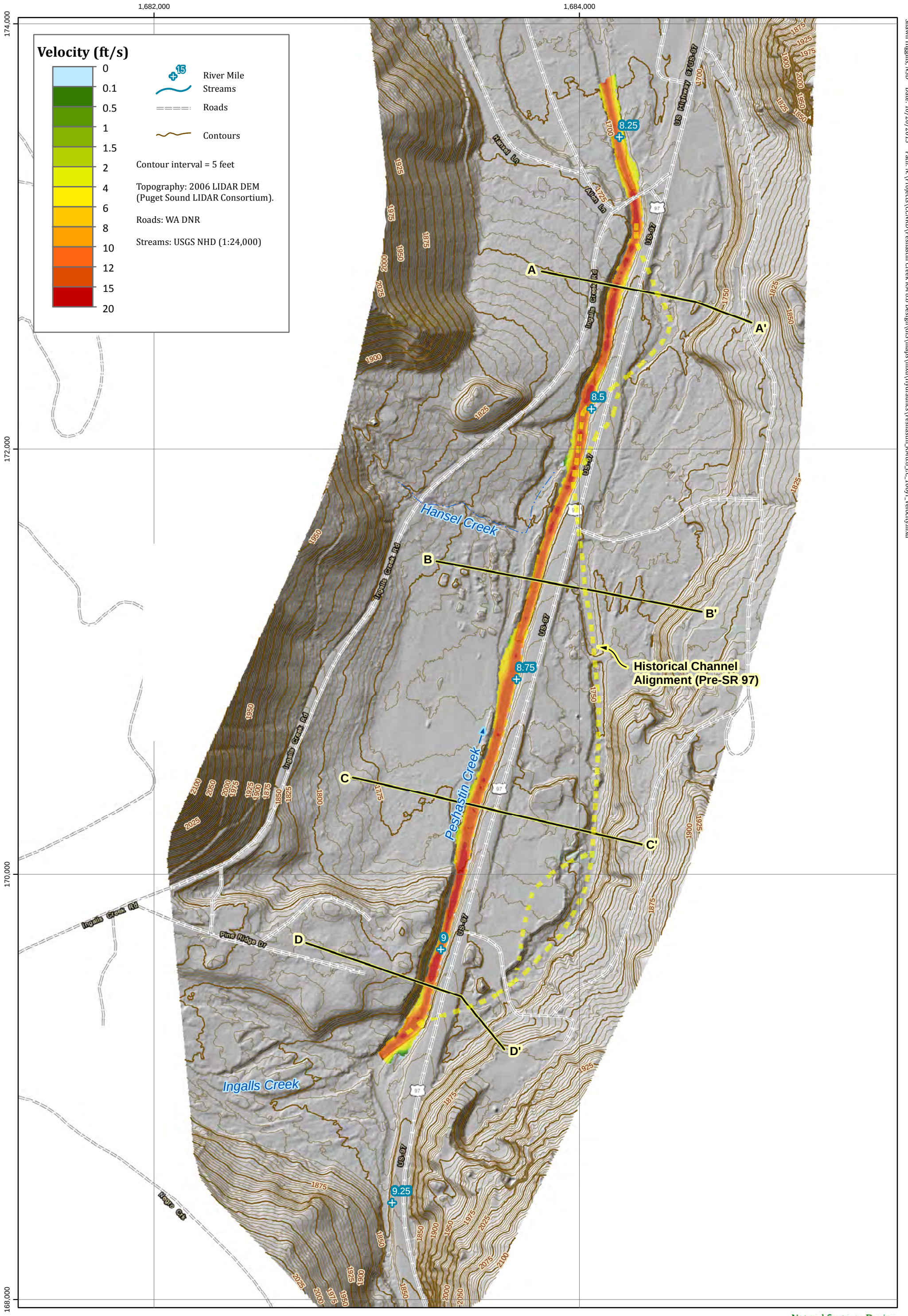
Peshastin Creek (RM 8.4-9.2)
Simulated Inundation and Velocity
2-Year Flood (895 cfs)



0 400 800 1,200 Feet

Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)





Peshastin Creek (RM 8.4-9.2)
Simulated Inundation and Velocity
100-Year Flood (3310 cfs)



174,000
172,000
170,000
168,000

1,682,000

1,684,000



Peshastin Creek (RM 8.4-9.2)
2006 Aerial Imagery (USGS)



0 400 800 1,200 Feet
Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)



174,000
172,000
170,000
168,000

1,682,000

1,684,000



Peshastin Creek (RM 8.4-9.2)
1998 Aerial Imagery (USGS)



0 400 800 1,200 Feet

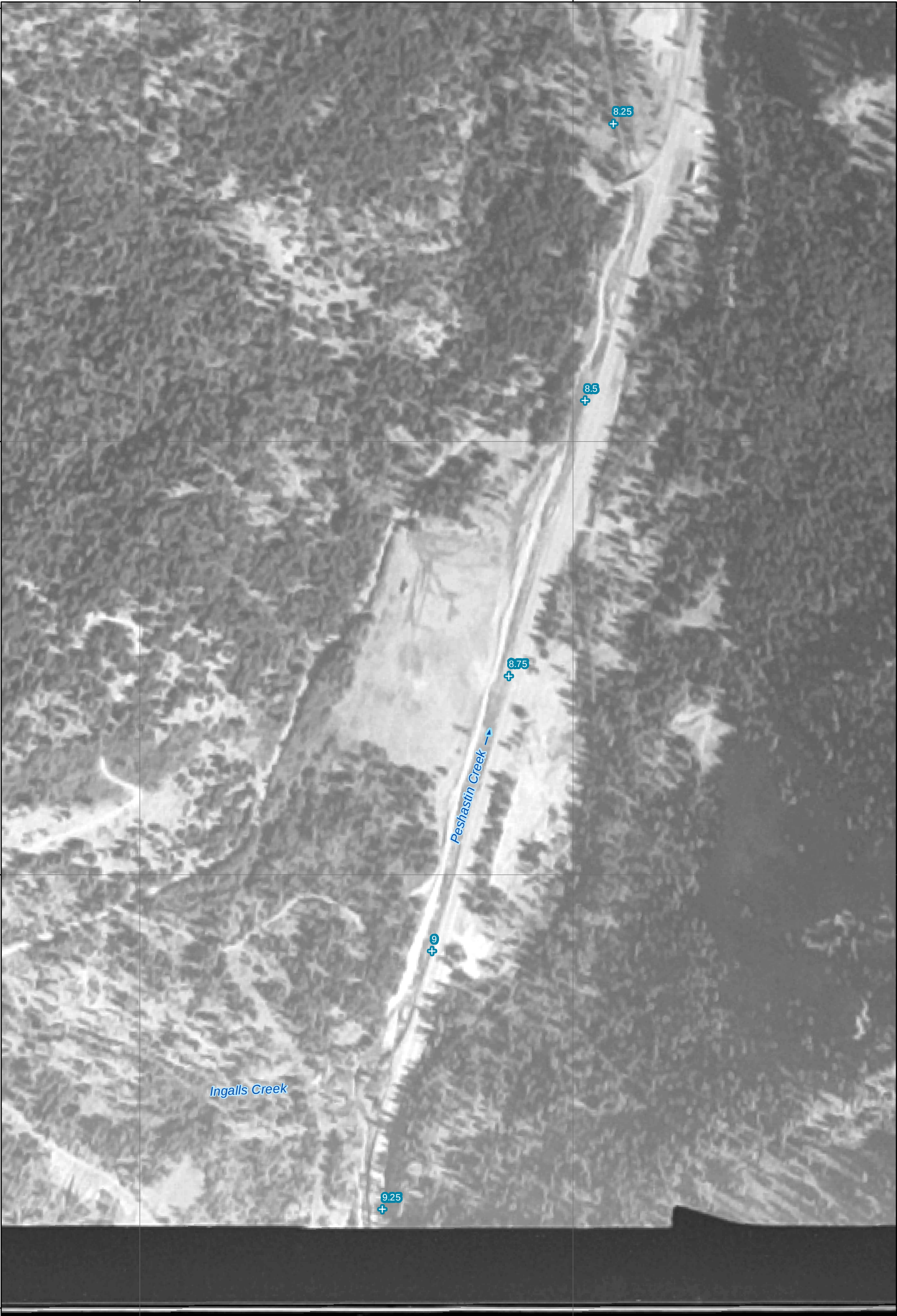
Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)



174,000
172,000
170,000
168,000

1,682,000

1,684,000

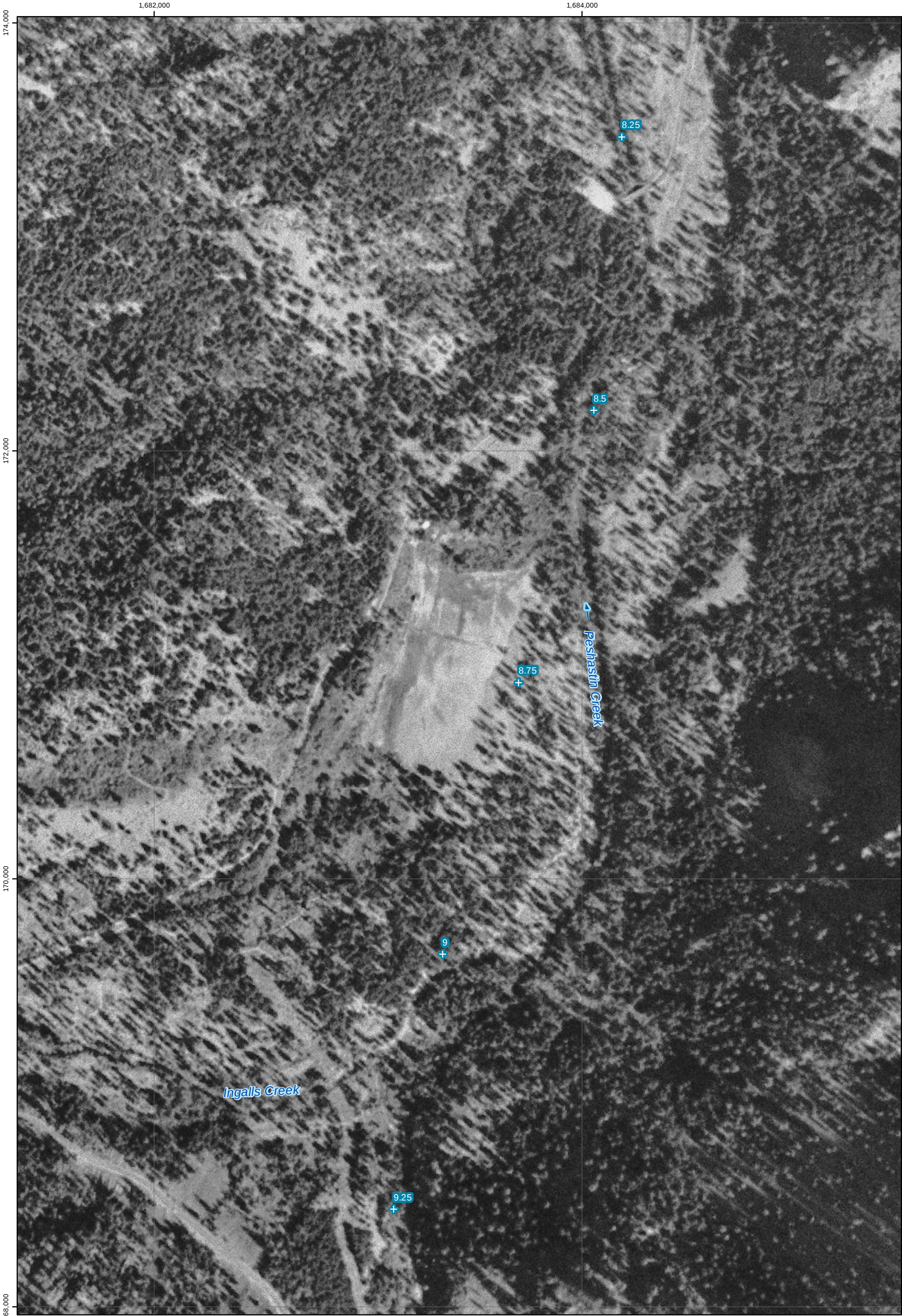


Peshastin Creek (RM 8.4-9.2)
1963 Aerial Imagery (USGS)



0 400 800 1,200 Feet
Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)





Peshastin Creek (RM 8.4-9.2)
1957 Aerial Imagery (USGS)



0 400 800 1,200 Feet
Lambert conformal conic projection, NAD 1983
State Plane Coordinate System (WA North Zone)

