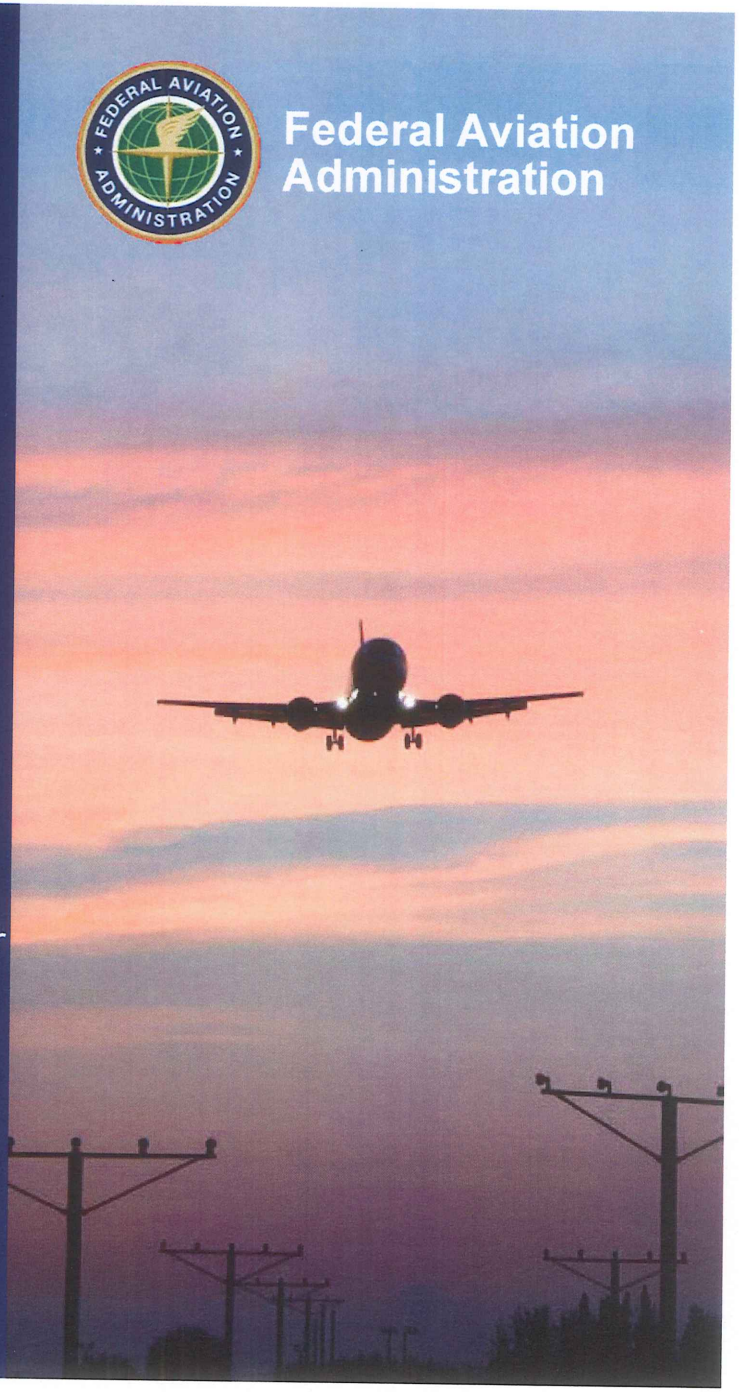
SBS Deployment in OR

Oregon Dept. of Aviation

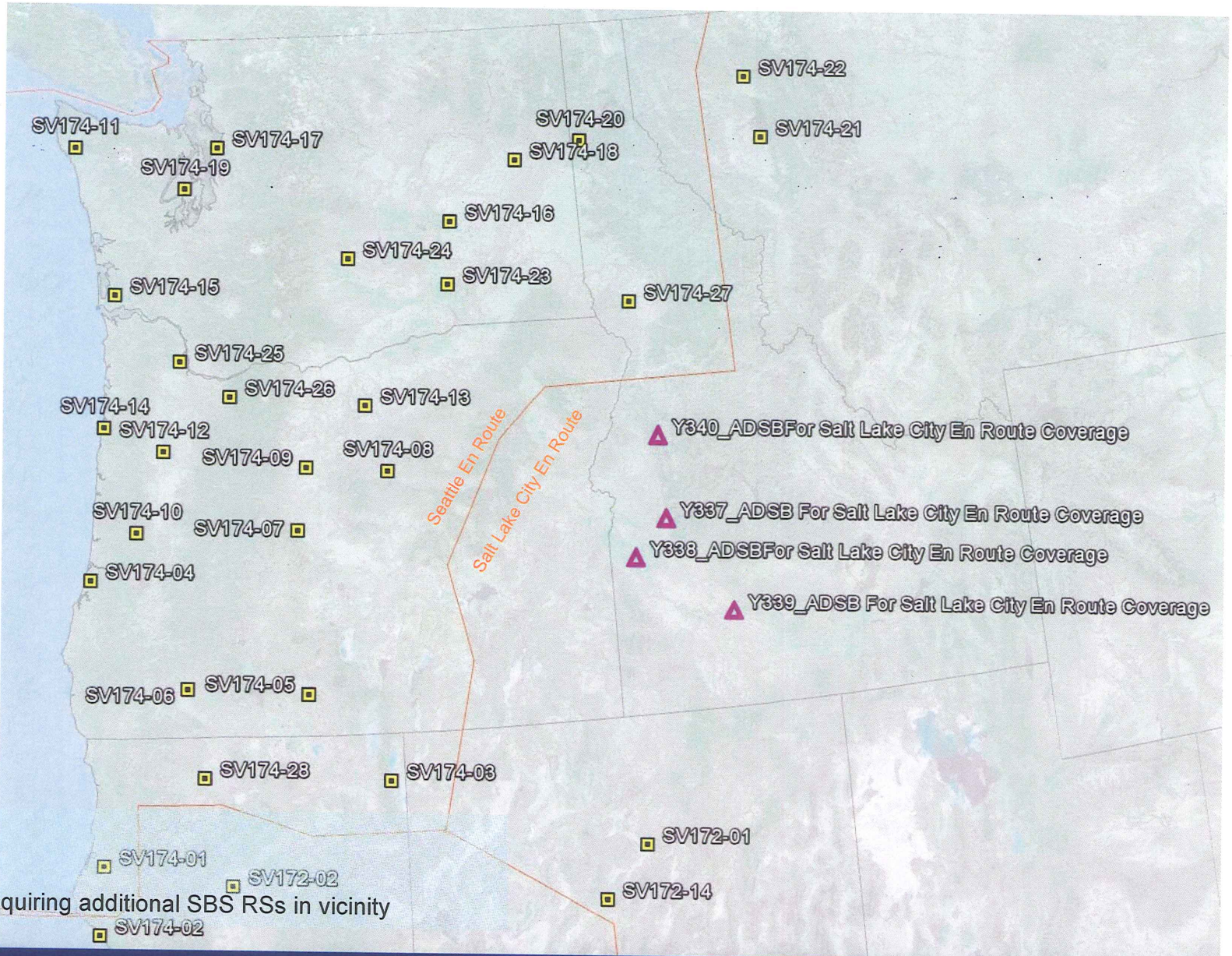
Federal Aviation Administration



Presented to: Oregon Dept. of Aviation - Mitch Swecker

By: Robert Nichols

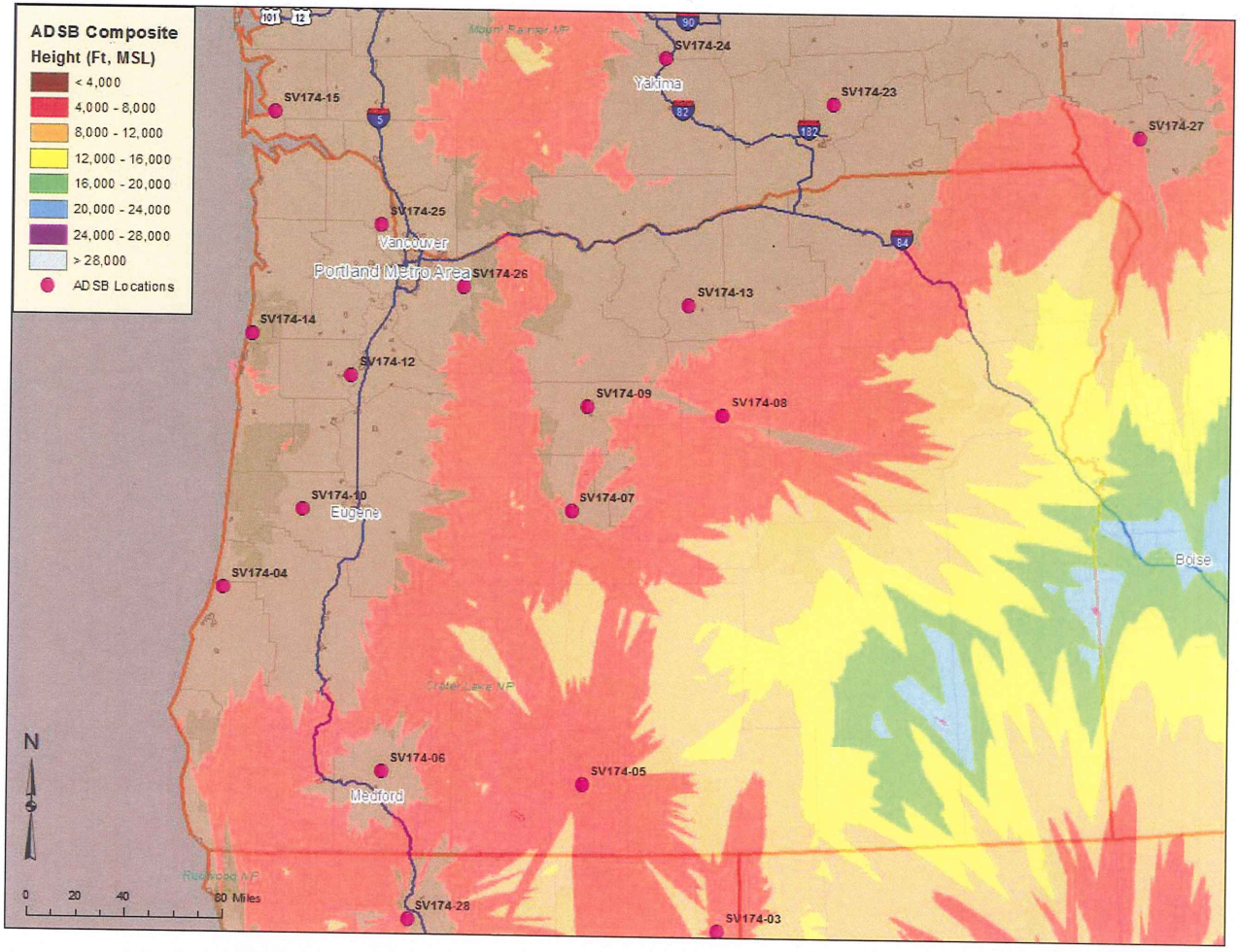
Date: 2/15/12


SV174-22
SV174-11
SV174-17
SV174-20
SV174-21
SV174-18
SV174-19
SV174-16
SV174-24
SV174-23
SV174-15
SV174-27
SV174-25
SV174-26
SV174-13
SV174-14
SV174-12
SV174-09
SV174-08
Seattle En Route
Salt Lake City En Route
Y340_ADSBFor Salt Lake City En Route Coverage
SV174-10
SV174-07
Y337_ADSB For Salt Lake City En Route Coverage
Y338_ADSBFor Salt Lake City En Route Coverage
SV174-04
Y339_ADSB For Salt Lake City En Route Coverage
SV174-06
SV174-05
SV174-28
SV174-03
SV172-01
SV174-01
SV172-02
SV172-14
SV174-02
SBS RSs
Locations requiring additional SBS RSs in vicinity

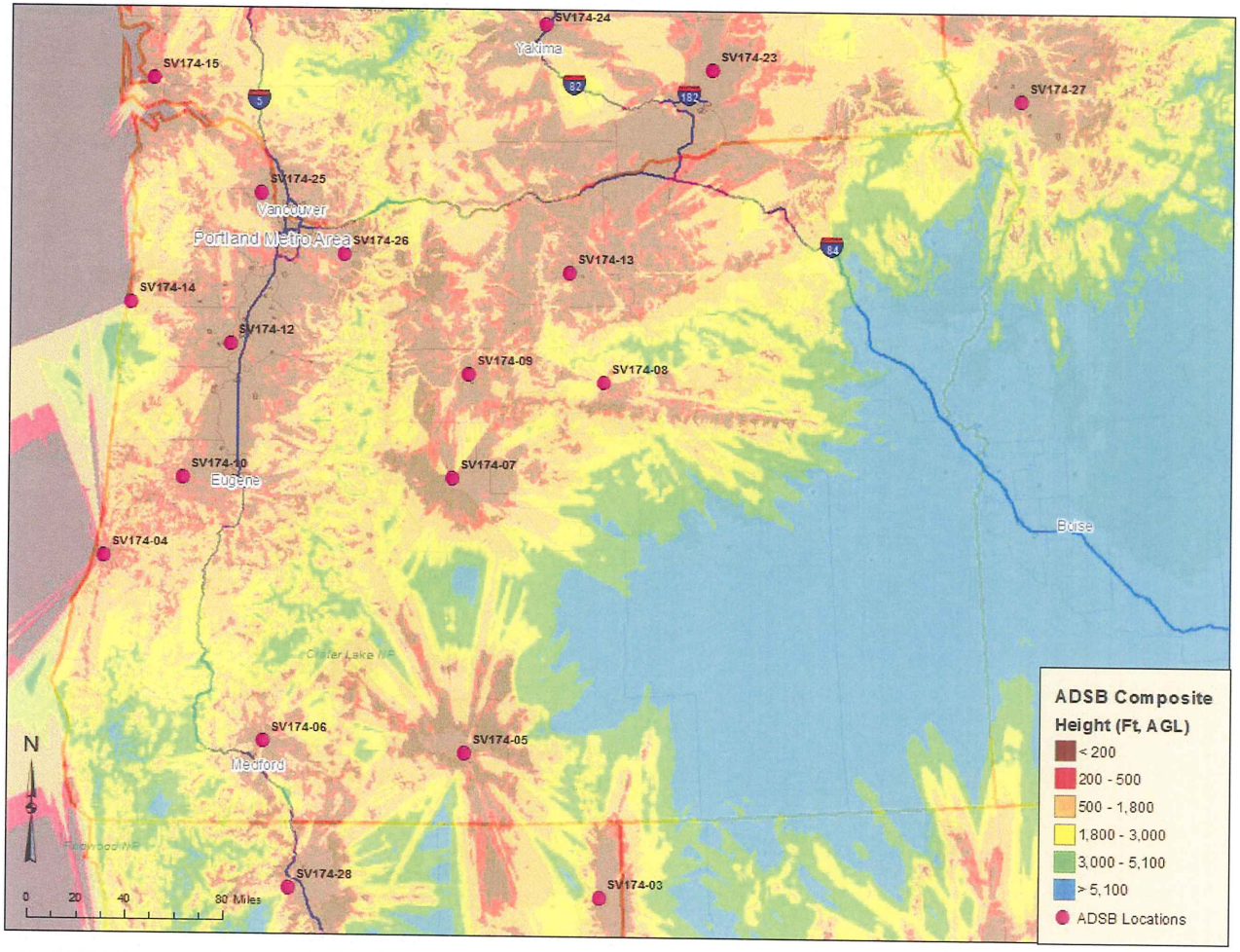
Current ADS-B Sites

ID	Lat.	Lon.	AGL	ID	Lat.	Lon.	AGL
SV172-01	40.7130611	-116.8287111	155.0	SV174-14	45.0937333	-123.9558278	100.0
SV172-14	40.1936111	-117.4109694	35.0	SV174-15	46.4219472	-123.7982333	180.0
SV174-01	40.7266056	-123.9752028	185.0	SV174-16	47.0659306	-118.9172500	200.0
SV174-02	40.0338306	-124.0405750	50.0	SV174-17	47.8984444	-122.2760194	115.0
SV174-03	41.5316000	-120.1730000	74.0	SV174-18	47.6490333	-117.8847111	189.0
SV174-04	43.5780500	-124.1427694	225.0	SV174-19	47.4900528	-122.7715417	91.0
SV174-05	42.4180667	-121.2212833	93.0	SV174-20	47.8003111	-116.8893278	108.0
SV174-06	42.4939000	-122.8337000	81.0	SV174-21	47.6781639	-114.1421833	45.0
SV174-07	44.0479583	-121.2903000	87.0	SV174-22	48.3125917	-114.2620444	55.0
SV174-08	44.6006833	-120.0231500	90.0	SV174-23	46.4306222	-119.0139889	244.0
SV174-09	44.6666806	-121.1468417	75.0	SV174-24	46.7349806	-120.4282000	100.0
SV174-10	44.0505611	-123.5052500	135.0	SV174-25	45.7476500	-122.8746000	114.0
SV174-11	47.9213000	-124.3949500	200.0	SV174-26	45.3847000	-122.1756361	150.0
SV174-12	44.8536000	-123.1239000	150.0	SV174-27	46.1337806	-116.4068917	180.0
SV174-13	45.2575500	-120.2877194	250.0	SV174-28	41.6103444	-122.6248889	80.0

Current ADS-B Coverage of Oregon 4K through 28K ft. MSL



Current AGL ADS-B Coverage of Oregon



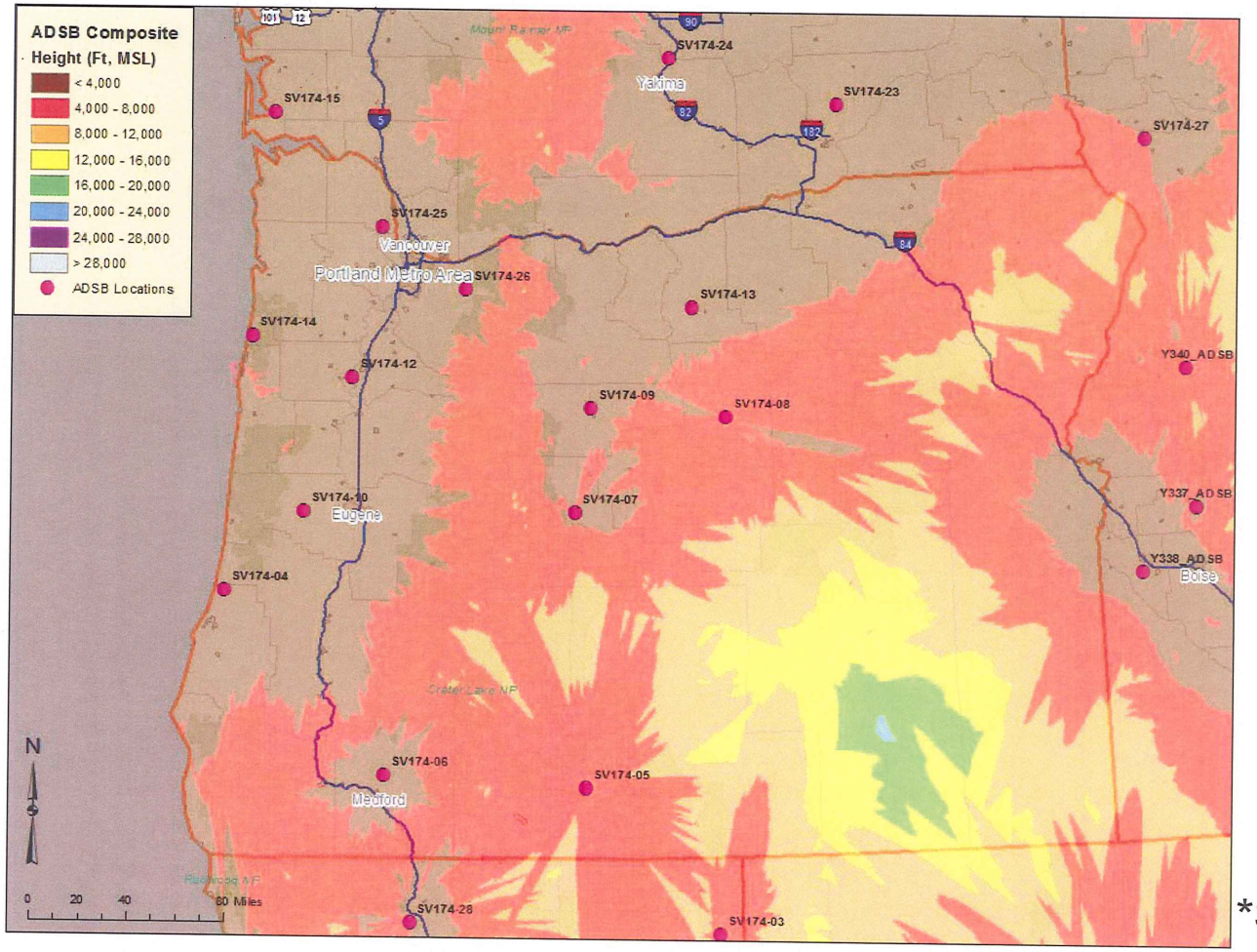
Proposed Additional ADS-B Sites*

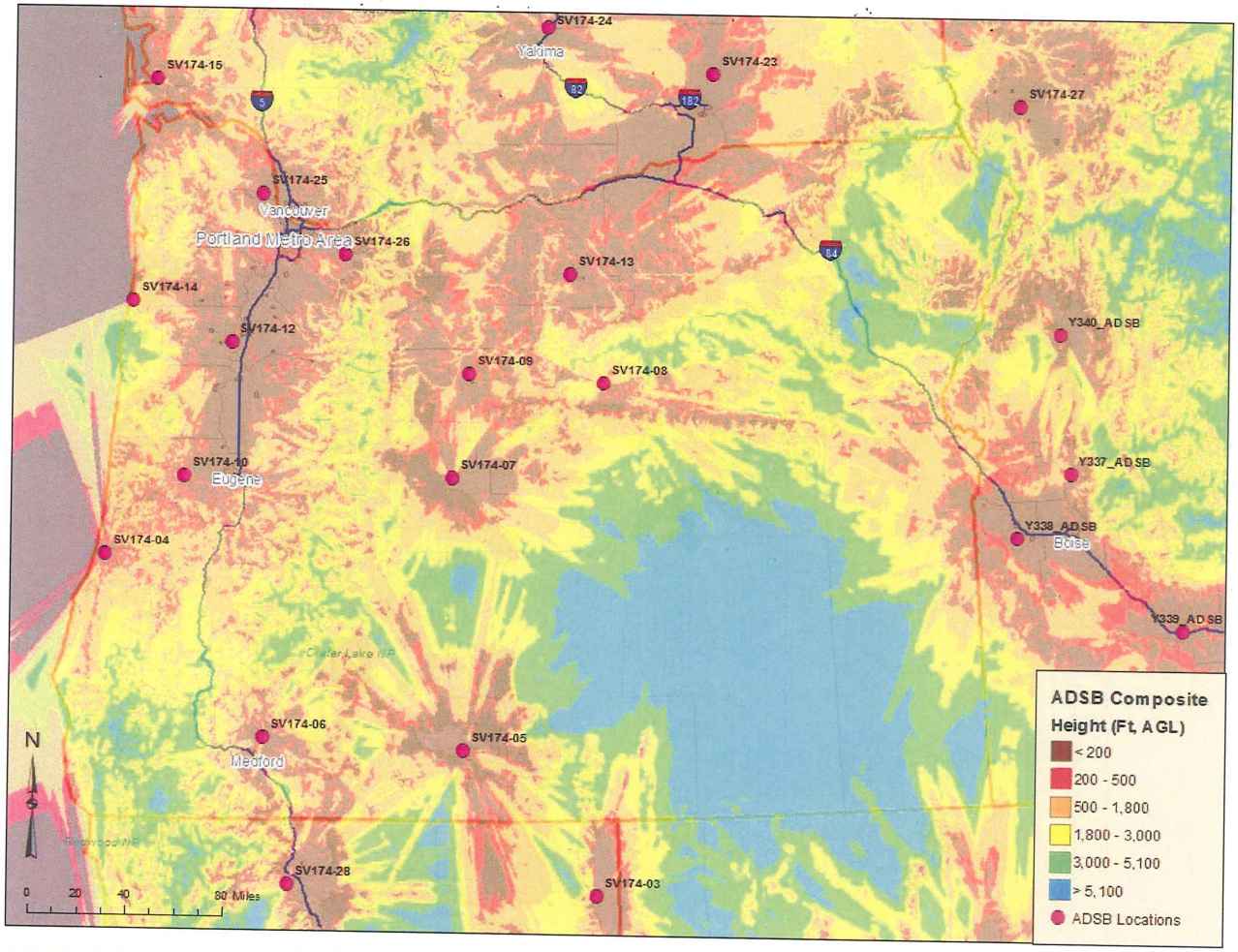
- Formal design work has not started for Salt Lake City En Route
- Additional predicted coverage can be established using locations ITT proposed in 2007 when the SBS contract was awarded to ITT

ID	Lat.	Lon.	AGL
Y337_ADSB	43.9363889	-116.1990000	100.0
Y338_ADSB	43.5749194	-116.6730000	100.0
Y339_ADSB	42.9529194	-115.3880000	100.0
Y340_ADSB	44.7650000	-116.1990000	100.0

*Subject to Change

Proposed ADS-B Coverage of Oregon*
4K through 28K ft. MSL



*Subject to Change

Proposed AGL ADS-B Coverage of Oregon