



ATTACHMENT J5.1

Previous Cultural Resource Investigations and Supplementary 1-Mile Study Area Tables and Maps

Table J5.1-1. Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the Project APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685856	Baldwin, Garth (2014)	Cultural Resources Assessment for the Pacific Highway South HOV Lanes Phase V (S 340th Street to S 359th Street) Project, Federal Way	No further action required	0.03 miles
1348206	Bard, James (2006)	FINAL REPORT: Cultural Resources Discipline Report for I-5 SR 161/SR 18 Triangle Improvements	No further action required	Within APE, overlaps area of expected ground disturbance
1345011	Earley, Amber (2005)	Cultural Resources Assessment of the Thompson Park Project, Federal Way	No further action required	Overlaps APE
1339832	Larson Archaeological Services (1999)	Regional Express/Federal Way and Star Lake Project Cultural Resource Assessment, Federal Way Alternative	No further action required	Within APE
1345762	Luttrell, Charles (2005)	Letter to Kimberly Farley Regarding I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within area of anticipated ground disturbance
1348213	Luttrell, Charles (2006)	Cultural Resources Investigations for Washington Department of Fish and Wildlife's Lake Dolloff Access Redevelopment Project	No further action required	1 mile
1691696	Stipe, Frank (2016)	Weyerhaeuser Property Cultural Resource Investigation	No further action required	0.34 miles
1693455	Stipe, Frank (2017)	Talasaea Consultants Project Number TAL-1572F, Federal Way Development Project	No further action required	0.35 miles
1350995	Tingwall, Douglas (2008)	Cultural Resource Report, Pacific Highway S (SR 99) Phase IV Improvements Project, Federal Way	No further action required	0.6 miles
1694057	Lenz and Murphy (2019)	Cultural Resource Assessment for the Danilchik Plat, Federal Way, King County, Washington	No further action required	0.95 miles

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the Project APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1689728	Amell, Sarah (2017)	Cultural Resources Assessment for the William J. Meers Homestead, Federal Way, King County	Historic homestead	0.27 miles
1685856	Baldwin, Garth (2014)	Cultural Resources Assessment for the Pacific Highway South HOV Lanes Phase V (S 340th Street to S 359th Street) Project, Federal Way	No further action required	0.03 miles
1686954	Baldwin, Garth (2015)	Cultural Resources Assessment for the S 356th Street Roadway Improvements Project, Federal Way	No further action required	Overlaps APE
1348206	Bard, James (2006)	FINAL REPORT: Cultural Resources Discipline Report for I-5 SR 161/SR 18 Triangle Improvements	No further action required	Within APE, overlaps area of expected ground disturbance
1354575	Boersema, Jana (2010)	A Cultural Resource Survey of Clerget Industries Highway 99 Parcel, Milton	No further action required	0.1 miles
1689800	Boswell, Sharon (2017)	Cultural Resources Assessment for the Gethsemane Cemetery Phased Long-Range Master Plan, Federal Way	No further action required	Within the APE
1685866	Chambers, Jennifer (2009)	Cultural Resources Assessment for the City of Edgewood, Meridian Avenue Sewer LID No.1 Improvement Project	No further action required	0.01 miles
1345011	Earley, Amber (2005)	Cultural Resources Assessment of the Thompson Park Project, Federal Way	No further action required	Overlaps APE
1342738	Forsman, Leonard (2003)	PAAGA Property Conceptual Mitigation Plan Archaeological Resources Assessment	No further action required	0.25 miles
1351636	Livingston, Stephanie (2008)	Addendum to the I-5 to SR 161/SR 18 Triangle Improvements Cultural Resources Discipline Report	No further action required	0.2 miles
1342699	Luttrell, Charles (2003)	Cultural Resources Investigations for Washington State Department of Transportation's SR 161: Milton Way to S 360th Street Project	No further action required	0.01 miles
1345762	Luttrell, Charles (2005)	Letter to Kimberly Farley Regarding I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within area of anticipated ground disturbance

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685163	Riser, J. Luran (2014)	Cultural Resources Survey, SR 99 West Fork Hylebos Creek Culvert Replacement Project	No further action required	0.2 miles
1680842	Rooke, Lara (2011)	An Archaeological Assessment for the Proposed Spring Valley Underground Storage Tank Site	Spring Valley Service Station debris	0.08 miles
1681075	Rooke, Lara (2011)	Archaeological Monitoring Report for the Spring Valley Underground Storage Tank Site Removal Project	Spring Valley Service Station debris	0.07 miles
1681800	Shong, Michael (2012)	Letter to Robert Brenner RE: Results of Archaeological Monitoring for the Port Parcel 88 Combined Habitat Project, Port of Tacoma	45PI1203 and 45PI1188	0.75 miles
1346680	Sparks, Shane (2005)	Letter to Tom Whitney Regarding a DRAFT Archaeological and Historical Resources Survey for the Spring Valley Restoration Project	No further action required	0.07 miles
1691696	Stipe, Frank (2016)	Weyerhaeuser Property Cultural Resource Investigation	No further action required	0.34 miles
1693455	Stipe, Frank (2017)	Talasaea Consultants Project Number TAL-1572F, Federal Way Development Project	No further action required	0.35 miles
1685291	Shong and Miss (2014)	Cultural Resources Assessment of Christy's Crossing Development, King County, Washington	45KI1169	0.95 miles
1694129	Homan and Perkins (2020)	A Cultural Resources Assessment of the Tacoma-Raver/Tacoma-Covington Access Road Improvements Project, King and Pierce Counties, Washington	No further action required	0.82 miles
1694271	Kretzler and Berger (2020)	Cultural Resources Assessment for the Milton Trailhead/Interurban Trail Project, Milton, Pierce County, Washington	No further action required	0.1 miles
1694343	Noll and Thomas (2020)	Cultural Resources Survey for the SR 167/I-5 to SR 509/Stage 1b of the Washington State Department of Transportation SR 167 Extension Project - Puyallup to SR 509, King and Pierce Counties, Washington	No further action required	Overlaps APE
1694621	Berger et al. (2020)	Cultural Resources Assessment for the SR 99/Porter Way Project, Milton, Pierce County, Washington	No further action required	Overlaps APE

Table J5.1-2. South Federal Way Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1694910	Yeates et al. (2021)	Cultural Resources Study for the SR 167 Completion/Olympic Pipeline Relocation Project, City of Fife, City of Milton and Pierce County, Washington	No further action required	Overlaps APE
1695162	Berger and Gardner (2021)	Cultural Resources Assessment for the 2021 Marc Avenue Demolition Project, Pierce County, Washington	No further action required	0.67 miles
1695535	Hoyt et al. (2021)	State Route (SR) 161 Unnamed Tributaries to East Fork Hylebos Creek Fish Passage Project, King County, Washington - Cultural Resources Assessment	45PI1408	0.55 miles
1353746	Harrison et al. (2007)	Cultural Resources Survey of the Nordlund Boat Company Proposed Rock Bulkhead Wall Project, Pierce County, Washington	No further action required	0.96 miles
1692560	Littauer (2019)	Cultural Resources Investigation of the City of Tacoma Marine View Drive Railroad Crossing Improvement Project, Port of Tacoma, Pierce County, Washington	No further action required	0.99 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1352410	Bard, James C. (2009)	Tacoma Pierce County HOV Program I-5: Port of Tacoma Road to King County Line – HOVE Historic Cultural and Archaeological Resources Discipline Report	45PI917	Within APE
1350004	Berger, Margaret (2007)	Cultural Resources Assessment for the U.S. Oil & Refining Co's TK 2002 Replacement, Biofuels Blending and Storage, and Asphalt Railcar Loading Projects, Tacoma	No further action required	0.67 miles
1349632	Berger, Margaret (2007)	Cultural Resources Assessment for the Transfer Line Replacement Project, Tacoma	No further action required	0.76 miles
1685641	Berger, Margaret (2014)	Cultural Resources Assessment for the Suncap Freeman Road Project, Fife	No further action required	0.9 miles
1347346	Chambers, Jennifer (2006)	Phase 1: Cultural Resources Assessment for the Port of Tacoma's Lincoln Avenue Grade Separation Project	No further action required	0.02 miles
1348999	Chambers, Jennifer (2006)	Letter to Ross Widener RE: Archaeological Monitoring for Lincoln Avenue Grade Separation Project	No further action required	0.37 miles
1686035	Chambers, Jennifer, and Baldwin, Garth (2015)	Cultural Resources Assessment for the City of Fife's State Route (SR) 99 Pedestrian Improvements Project	No further action required	Overlaps APE
1345436	Cooper, Jason B. (2005)	Archaeological Survey of the Proposed City of Fife Pacific Highway E Port of Tacoma Road to Alexander Avenue E Improvement Project	45PI724, historic refuse dump	Within area of expected ground disturbance
1680989	Dellert, Jenny (2009)	ADDENDUM to Archaeological Monitoring and Cultural Resources Assessment for the B & L Woodwaste Site, Fife	No further action required	0.01 miles
1684488	Diedrich, Melanie (2012)	Archaeological Monitoring for Parcel 14, the East-West Road and Alexander Avenue, Tacoma	No further action required	Adjacent to APE
1354510	Ferland, Sarah (2010)	Cultural Resources NEPA Re-Evaluation for the 70th Avenue E and Valley Avenue E Project, Fife, Washington	No further action required	0.06 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1685119	Flenniken, J. Jeffrey (2013)	Cultural Resource Investigation of the Olympic Pipe Line Company Tacoma Junction Containment Project, Fife	No further action required	0.51 miles
1340365	Forsman, Leonard A. (1998)	Letter to Lloyd Skinner Regarding Proposed RTA South Corridor Puyallup Burlington Northern Third Track Cultural Resource Management	No further action required	0.15 miles
1352006	Gillespie, Ann (2008)	Cultural Resources Assessment of 502 54th Avenue E and 503 53rd Avenue E, Fife	No further action required	0.44 miles
1348423	Kaehler, Gretchen (2006)	Sha Dadx Wetland Restoration Project Addendum	No further action required	0.74 miles
1687406	Kassa, Sonja (2015)	Cultural Resources Assessment for the Freeman Road Improvements Project	No further action required	0.7 miles
1348214	Kent, Ronald (2006)	Historic Properties Investigation for the Corp's Puyallup River Flood Control Project Levee Road Access Lease with the City of Fife	No further action required	0.3 miles
1348215	Kent, Ronald (2006)	Historic Properties Investigation for the Corps' Puget Sound Energy Puyallup River Gas Pipeline Crossing Easement Renewal, Cities of Tacoma and Fife	No further action required	Overlaps APE
1343948	Kent, Ronald J. (2004)	Cultural Resources Reconnaissance Survey for the U.S. Army Corps of Engineers' Puyallup River Flood Control Project	No further action required	Overlaps APE
1684096	Kiers, Roger (2013)	Evaluation of Effects to the Puyallup River Flood Control Project Revetments, Tacoma/Pierce County HOV Program	No further action required	Within APE
1689517	Kramer, Stephenie (2017)	Archaeological Assessment for the Telecare Project, Milton	No further action required	Within APE
1693487	Kretzler, Ian (2020)	Cultural Resources Assessment for the Bridge Point I-5 Seattle Frontage Improvements Project, Milton, Pierce County, Washington	No further action required	0.06 miles
1343265	Luttrell, Charles T. (2004)	DISCIPLINE REPORT – Cultural Resource Investigations for the Washington State Department of Transportation's SR 167: Puyallup to SR 509 Project	45PI488	Overlaps APE

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1343594	Luttrell, Charles T. (2004)	Cultural Resources Investigations for the Washington State Department of Transportation's I-5: Pierce County Line to Tukwila Stage 4 HOV Project	No further action required	Within APE
1345852	Luttrell, Charles T. (2005)	Cultural Resources Investigations for Friends of the Hylebos' East Fork Hylebos Creek Channel Restoration Project	No further action required	0.14 miles
1349780	Luttrell, Charles T. (2007)	Cultural Resources Investigations for the City of Fife's 20th Street E Widening Project	No further action required	0.22 miles
1680980	Mullaley, Meris (2011)	Cultural Resources Monitoring Report, Clear Creek Riverside Mitigation Monitoring Project, Pierce County, Washington	Isolate; two discontinuous segments of wooden pipe	0.5 miles
1346288	Parvey, Michele (2005)	Cultural Resources Assessment for the Port of Tacoma's Blair Waterway Infrastructure Improvements Project and Gog-Le-Hi-Te II Mitigation Action Plan	No further action required	Within APE
1346582	Parvey, Michele (2005)	Cultural Resources Assessment for the Port of Tacoma's Barge Slip Fill Project	No further action required	0.8 miles
1349348	Parvey, Michele (2007)	Letter to Robert Brenner RE: Summary of 2006 Archaeological Monitoring Activities for the Blair Inner Reach Turning Basin Expansion Area and Southwest Corner Cutback	No further action required	0.63 miles
1352517	Parvey, Michele (2009)	Cultural Resources Assessment for the Lilyblad Site Remediation Project	No further action required	0.92 miles
1681098	Parvey, Michele (2011)	Letter to Maggie Buckley RE: Addendum to the Cultural Resources Assessment for the 70th Avenue E and Valley Avenue E Project, Fife, Washington	No further action required	0.1 miles
1681467	Phillips, S. Colby (2011)	Cultural Resources Assessment for the Pioneer Way E and Waller Road E Intersection Project, Waller, Pierce County WA	No further action required	0.81 miles
1684534	Rinck, Brandy (2014)	Preliminary Cultural Resources Assessment of the Upper Clear Creek Mitigation Property Habitat Restoration, Tacoma	No further action required	0.81 miles

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1352114	Rust, Thomas C. (2008)	Cultural Resources Report, Wildlands of Washington Hauff Property, Tacoma	45PI974	0.69 miles
1690758	Sarjeant, Carmen (2018)	Archaeological Survey of the Surprise Lake Middle School Project, Pierce County, Washington	45PI1442	0.96 miles
1692585	Sarjeant, Carmen (2019)	Cultural Resource Survey for the Fife School District's New Elementary School and High School STEAM Center of Innovation Project, Pierce County, Washington	45PI1464	0.24 miles
1691030	Schultze, Carol (2015)	Archaeological Monitoring for PSE Gas Line Installation for the Tacoma LNG Project, City of Tacoma, City of Fife, Pierce County, Washington	No further action required	Overlaps APE
1354677	Shantry, Kate (2010)	Results of Testing at Xaxtl'abish 1 (45PI974), Hylebos Creek	45PI974	0.72 miles
1353737	Sharpe, James (2009)	Tacoma/Pierce County HOV Program, I-5, M Street to Portland Avenue – HOV I-5: I-5 Portland Avenue to Port of Tacoma Road –Southbound HOV, I-5 Portland Avenue to Port of Tacoma Road – Northbound HOV Historic, Cultural, and Archaeological Resources Discipline Report	No further action required	Within APE
1352541	Shaw, Derek (2009)	Archaeological Monitoring and Cultural Resources Assessment for the B & L Woodwaste Site, Fife	No further action required	0.08 miles
1686944	Shong, Michael (2011)	Re: Results of Cultural Resources Documentation and Monitoring at the Fife Library Site	Several early 20th-century debris concentrations associated with two residential lots	0.27 miles
1353413	Shufelt, Sarah (2009)	Final Draft: Cultural Resources Survey WSDOT Pierce County HOV Program Clear Creek Riverside Mitigation Site, Tacoma	45PI967	0.5 miles
1692463	Stcherbinine, Sean (2019)	Cultural Resources Survey and Testing near Site 45PI488 for the Washington State Department of Transportation SR 167 Extension Project, Puyallup to SR 509 – New Freeway, Pierce County, Washington	Monitoring required in area	Overlaps APE

Table J5.1-3. Fife Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1691717	Stevens, Rebecca (2017)	Cultural Resources Survey to Support NEPA Re-Evaluation of the Washington State Department of Transportation SR 167 Extension Project – Puyallup to SR 509, Pierce County, Washington	No further action required	Within APE
1687974	Teoh, Melissa (2016)	Cultural Resource Survey for Surprise Lake Substation Sale Project, Pierce County, Washington	No further action required	0.45 miles
1693216	Viloudaki, Andrew (2018)	Cultural Resource Monitoring of the Port of Tacoma Harbor Dredged Material Characterization Project, Tacoma, Pierce County, Washington	No further action required	0.7 miles
1686424	Wessen, Gary (2015)	An Archaeological Survey of the Milton Way Pedestrian Improvements Project Area, Milton	No further action required	0.9 miles
1691715	Yamamoto, Christopher (2015)	Cultural Resources Investigations for the Washington State Department of Transportation's SR 167 Tacoma to Puyallup New Freeway, Pierce County, Washington	45PI488	Overlaps APE
1693557	Yeates, Kelly (2019)	Cultural Resources Monitoring Report for I-5 Portland Avenue to Port of Tacoma Road – Northbound HOV	Isolated sections of original brick-paved Bay Street roadway (45PI1463)	Within area of anticipated ground disturbance
1694343	Noll and Thomas (2020)	Cultural Resources Survey for the SR 167/ I-5 to SR 509/Stage 1b of the Washington State Department of Transportation SR 167 Extension Project - Puyallup to SR 509, King and Pierce Counties, Washington	No further action required	Overlaps APE
1694998	Pierson and Johnson (2020)	Results of Cultural Resources Monitoring for the Port of Tacoma - Parcel 14 Lower Wapato Combined Habitat Project Geotechnical Study, Pierce County, Washington	No further action required	0.05 miles
1693965	Baiocchi (2020)	Architectural Resource Investigation Union Pacific Railroad Company Fife Structure Demolition Project, Fife, Pierce County, Washington	No further action required	0.4 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1689971	Amell, Sarah (2017)	Cultural Resources Assessment for the Amended APE Puyallup Avenue Bridge F16A and B Replacement NEPA Project	No further action required	0.06 miles
1348693	Artifacts Consulting Inc. (2016)	Historic Resources Report Thea Foss Waterway Public Esplanade, E 13th Street to E 4th Street	Multiple mitigation measures suggested	0.75 miles
1683709	Askin, Timothy (2013)	Historic Properties Survey of Foss Waterway (Tacoma Paper & Stationery Building) Telecom Installation 1721-35 Jefferson Avenue, Tacoma	No further action required	0.55 miles
1347970	Baldwin, Garth L. (2006)	Archaeological Assessment of Site 4, Thea Foss Waterway, Tacoma	No further action required	0.55 miles
1351211	Bard, James C. (2007)	Tacoma/Pierce County HOV Program: SR 16 Westbound Nalley Valley; SR 16 Eastbound Nalley Valley and Sprague Valley Interchange; and I-5 SR 16 - I-5 Realignment and HOV Connections	No further action required	0.9 miles
1348245	Becker, Thomas E. (2006)	Results of an Archaeological Survey of the Petrich Marine Dock property, Tacoma	No further action required	0.75 miles
1354365	Berger, Margaret (2010)	Cultural Resources Assessment for the Murray Morgan Bridge Rehabilitation Project, Tacoma, Washington	Mitigation for adverse effects	0.53 miles
1348302	Chambers, Jennifer (2006)	Cultural Resources Assessment for Thea Foss Waterway Site 1 Project	No further action required	0.2 miles
1690530	Chambers, Jennifer (2008)	Technical Memo 0810C-2 to Jason Hubbell re: Cultural Resources Assessment for the Grandview Avenue Improvements Project, Tacoma, Pierce County	No further action required	0.8 miles
1683932	Compass, Lynn (2012)	Archaeological Monitoring Report for the I-5 HOV WSDOT Project, City of Tacoma, Pierce County, Washington	45PI1290	Within APE
1686693	Cooper, Jason (2013)	Cultural Resources Survey for 1906 Marc Avenue Facility	No further action required	0.1 miles
1689421	Costa, Daniel (2017)	Cultural Resources Survey for the Swan Creek Pedestrian Bridge Replacement Project	No further action required	0.95 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1682936	Elder, J. Tait (2012)	Cultural Resources Survey Report Tacoma HOV Program – R Street Improvement Project	No further action required	Overlaps APE
1354458	Elder, J. Tait (2010)	Tacoma/Pierce County HOV Program Archaeological Data Recovery Report	45PI930	0.01 miles
1348257	Eysaman, Gerald K B (2006)	Reconnaissance Level Survey Update of South Tacoma, Edison/Excelsior and the South End, Fern Hill, and Lincoln Park	No further action required	0.2 miles
1340339	Forsman, Leonard A. (1998)	RTA Lakewood-to-Tacoma Commuter Rail Project, Tacoma Dome, South Tacoma, and Lakewood Sections, Cultural Resource Assessment	Six structures require evaluation by an architectural historian	Within area of expected ground disturbance
1680267	Gillis, Nichole (2006)	Cultural Resources Assessment for the Puyallup Avenue Bridge Span Replacement Project	No further action required	Overlaps APE
1680652	Gillis, Nichole (2011)	Cultural Resources Assessment for the Puyallup Avenue Bridge Span Replacement Project, Pierce County, Washington	No further action required	Overlaps APE
1341010	Hanum, Michelle M. (2002)	Cultural Resource Survey of the Cingular Wireless Tide Flats Tower Site WA-0656	No further action required	0.01 miles
1686948	Herbel, Brian (2015)	Addendum to: Geotechnical and Archaeological Bore Monitoring Report for Tacoma Trestle Track and Signal Project	No further action required	Within area of expected ground disturbance
1686678	Kelly, Katherine (2013)	Cultural Resources Assessment for the T Street Gulch Street Sewer Replacement Project, Tacoma	No further action required	0.04 miles
1348012	Kent, Ronald J. (2006)	Historic Properties Investigation for the Shaub-Ellison Parcel Brownfield's Cleanup Project on the University of Washington – Tacoma Campus, City of Tacoma	No further action required	0.18 miles
1348214	Kent, Ronald J. (2006)	Historic Properties Investigation for the Corp's Puyallup River Flood Control Project Levee Road Access Lease with the City of Fife	No further action required	0.28 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1348215	Kent, Ronald J. (2006)	Historic Properties Investigation for the Corps' Puget Sound Energy Puyallup River Gas Pipeline Crossing Easement Renewal Cities of Tacoma and Fife	Monitoring of properties along both sides of the Puyallup River	Overlaps APE
1343451	Kopperl, Robert E. (2004)	Cultural Resources Clearance Survey SR 5 HOV Lane Construction 48th Street to Pacific Avenue	No further action required	0.44 miles
1341282	LeTourneau, Philippe D. (2002)	Results of Archaeological Monitoring for Tacoma Link Light Rail, City of Tacoma	No further action required	0.1 miles
1687078	Littauer, Erin (2015)	Letter to Allyson Brooks RE: Point Defiance Bypass Rails Project, Archaeological Monitoring of Geotechnical Investigation for the Proposed Amtrak Station Relocation to Freighthouse Square, Main Platform Improvements and New Second Platform	No further action required	Within area of expected ground disturbance
1683095	Merrill, Christie (2013)	Memo to Lauren Smith RE: Tacoma Trestle Replacement	No further action required	Within area of expected ground disturbance
1686694	Moreno, Meredith (2012)	Cultural Resources Assessment for the Cardlock Fuel Facility	No further action required	Within APE
1350929	Parvey, Michelle (2008)	Letter to the Bruce McDonald Regarding Summary of 2007 Archaeological Monitoring Activities for the Gog-Le-Hi-Te II Mitigation Action Area	No further action required	Overlaps APE
1340346	Reanier, Richard (1999)	Sound Transit Lakewood-to-Tacoma Commuter Rail and SR-512 Park-and-Ride Expansion Project Draft EIS, Cultural/Historical Resources Technical Report; Report of Supplementary Archaeological Reconnaissance for the Tacoma and Lakewood Sections, Sound Transit	No further action required	Overlaps APE

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1683011	Schultze, Carol (2012)	Addendum to Tacoma/Pierce County HOV Program Archaeological Assessment of Gas Line Replacement Alignment to Support the HOV Project	Historic debris scatter	Within APE. Overlaps area of expected ground disturbance
1350256	Sharpe, James (2003)	Cultural Resource Survey Report, D Street, Tacoma	No further action required	Overlaps APE
1684347	Shong, Michael (2013)	Results of Archaeological Monitoring for Sound Transit's Sounder Commuter Rail D-to-M Streets Track and Signal Project, Tacoma	45PI1291 and 45PI1292	Within APE
1354314	Solimano, Paul (2010)	Cultural Resources Assessment of the Proposed Puyallup Tribe of Indians Justice Center, Puyallup	No further action required	0.04 miles
1687350	Stevenson, Alexander (2015)	Geotechnical and Archaeological Bore Monitoring Report for Tacoma Trestle Track and Signal Project	45PI1327	Within APE
1691905	Valentino, Alicia (2018)	Jefferson and Hood Street Surface Water Interceptor Project, Cultural Resources Assessment	Cultural resource management plan and IDP	0.37 miles
1683008	Van Galder, Sarah (2012)	Federal Railroad Administration WSDOT Point Defiance Bypass Project Environmental Assessment, Section 106 Survey Report, Historic, Cultural, and Archaeological Resources/Discipline Report	No further action required	Within area of expected ground disturbance
1342566	Weaver, Robert (2003)	Letter to John O'Laughlin Regarding Puyallup River Side Channel Habitat Restoration Project Cultural Resource Section 106 Assessment	IDP recommended	0.1 miles
1342912	Weaver, Robert (2004)	Cultural Resources Investigations of the Pacific Plaza Property within the Downtown Redevelopments Streetscape Improvement Project	45PI491	0.52 miles
1343924	Weaver, Robert (2004)	Cultural Resources Assessment for the I-5 High Occupancy Vehicle Project, Addendum Considering Historic Properties	No further action required	0.35 miles

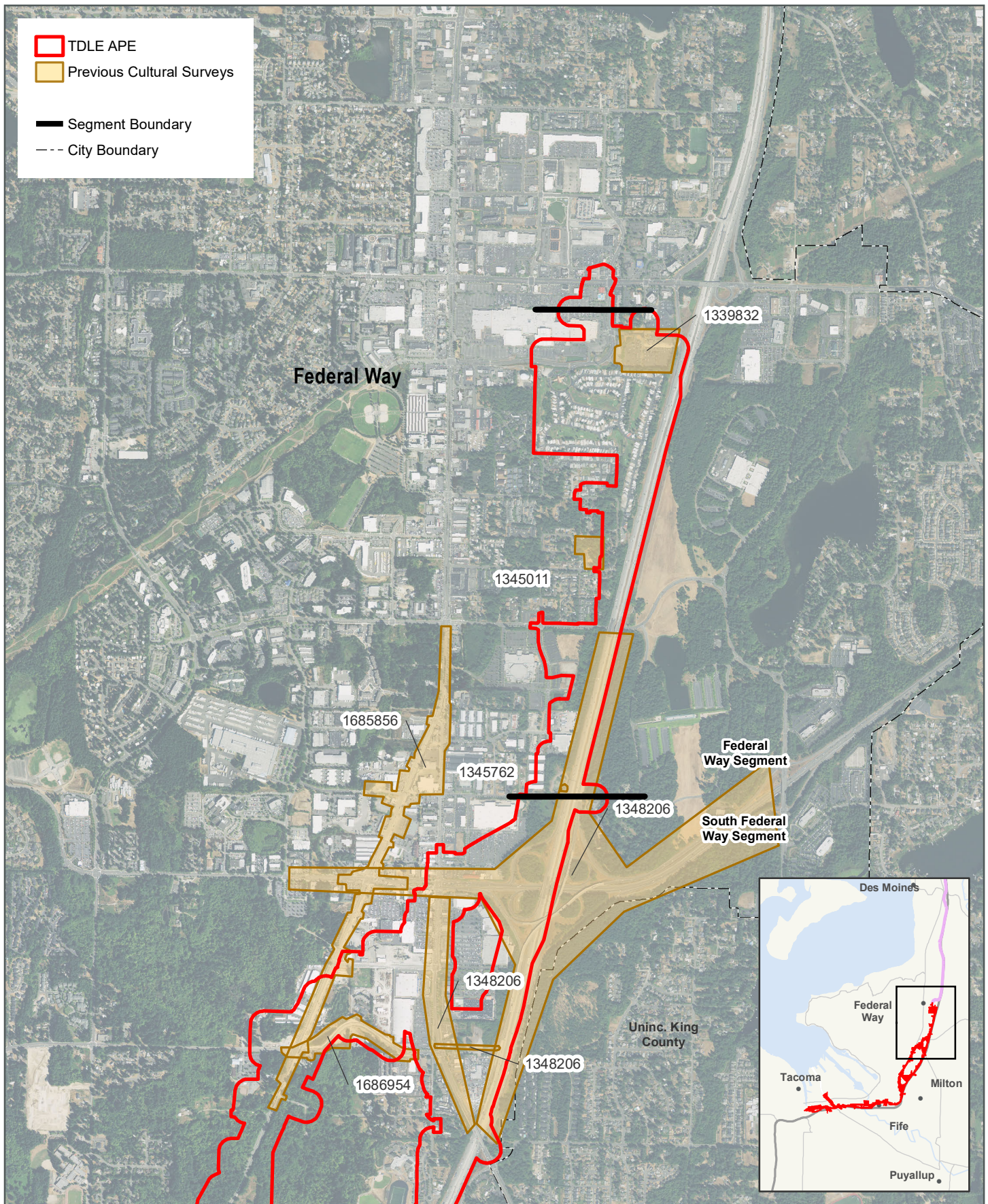
Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1348692	White, William A. (2006)	DRAFT: Archaeological Assessment of the Thea Foss Waterway Public Esplanade, E 13th Street to Thea's Park	No further action required	0.75 miles
1349663	White, William A. (2007)	Cultural Resources Assessment for the LeMay Automobile Museum, Tacoma	No further action required	Adjacent to APE
1354679	Cooper (2009)	Puyallup Tribal Terminal Cultural Resources Assessment, Pierce County, Washington	No further action required	0.8 miles
1680153	Diveley and Martin (2010)	Archaeological Monitoring Report for Geotechnical and Environmental Testing at the Port of Olympia and Port of Tacoma, Washington	No further action required	0.93 miles
1692222	Chambers and Amell (2018)	Cultural Resources Assessment for the Taylor Way Rehabilitation Project, Tacoma, Pierce County, Washington	No further action required	0.01 miles
1693792	Perhay et al. (2020)	Cultural Resources Assessment for the Bay Reach Apartments Project, Tacoma, Pierce County, Washington	No further action required	0.13 miles
1693918	Steinkraus et al. (2019)	Cultural Resources Assessment of the Tacoma Brewery District Project, Pierce County	No further action required	0.5 miles
1695486	Chambers (2018)	Cultural Resources Assessment for 1201 Puyallup Avenue, Tacoma, Pierce County, Washington	No further action required	Overlaps APE
1695750	Ostrander et al. (2021)	Cultural Resources Assessment for the Melanie's Park Project, Tacoma, Pierce County, Washington	45PI1588	0.72 miles
1696799	Pierson et al. (2022)	Cultural Resources Assessment for the Port of Tacoma Off-Dock Container Support Facility, Tacoma, Pierce County, Washington	No further action required	0.76 miles
1696805	Scott et al. (2022)	Cultural Resources Assessment for the Portland Avenue Park Project, Tacoma, Pierce County, Washington	No further action required	0.5 miles
1697481	Bush et al. (2022)	Cultural Resources Report: 1347 Tacoma Avenue South, Tacoma, Pierce County, Washington	No further action required	0.79 miles

Table J5.1-4. Tacoma Segment – Previous Cultural Resource Investigations within 1 Mile of the APE (continued)

NADB	Reference	Title	Findings/ Recommendations	Distance from APE
1342517	Roedel et al. (2003)	Salishan Redevelopment Archaeological Services and Traditional Cultural Places Assessment, City of Tacoma, Pierce County, Washington	No further action required	0.96 miles
1686678	Kelly (2013)	Cultural Resources Assessment for the T Street Gulch Sewer Replacement Project, Tacoma, Pierce County, Washington	No further action required	0.05 miles
1694311	Lockwood et al. (2020)	Jefferson & Hood Surface Water Interceptor Project, Tacoma, Pierce County, Washington - Supplemental Cultural Resources Assessment	45PI1521	0.65 miles
1350236	Eysaman and Company (2004)	Survey and Inventory in the Hilltop Area of Tacoma Update 2004	No further action required	0.33 miles
1352645	Artifacts Architectural Consulting (2009)	Tacoma Post Office, Court and Customs House Historic Structures Report	No further action required	0.87 miles
1695608	Historic Tacoma (2021)	McKinley Hill Mixed-use Center Inventory Report	No further action required	0.18 miles

Surveys are labeled with their corresponding NADB numbers associated with the tables in Appendix A.



Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

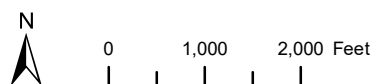
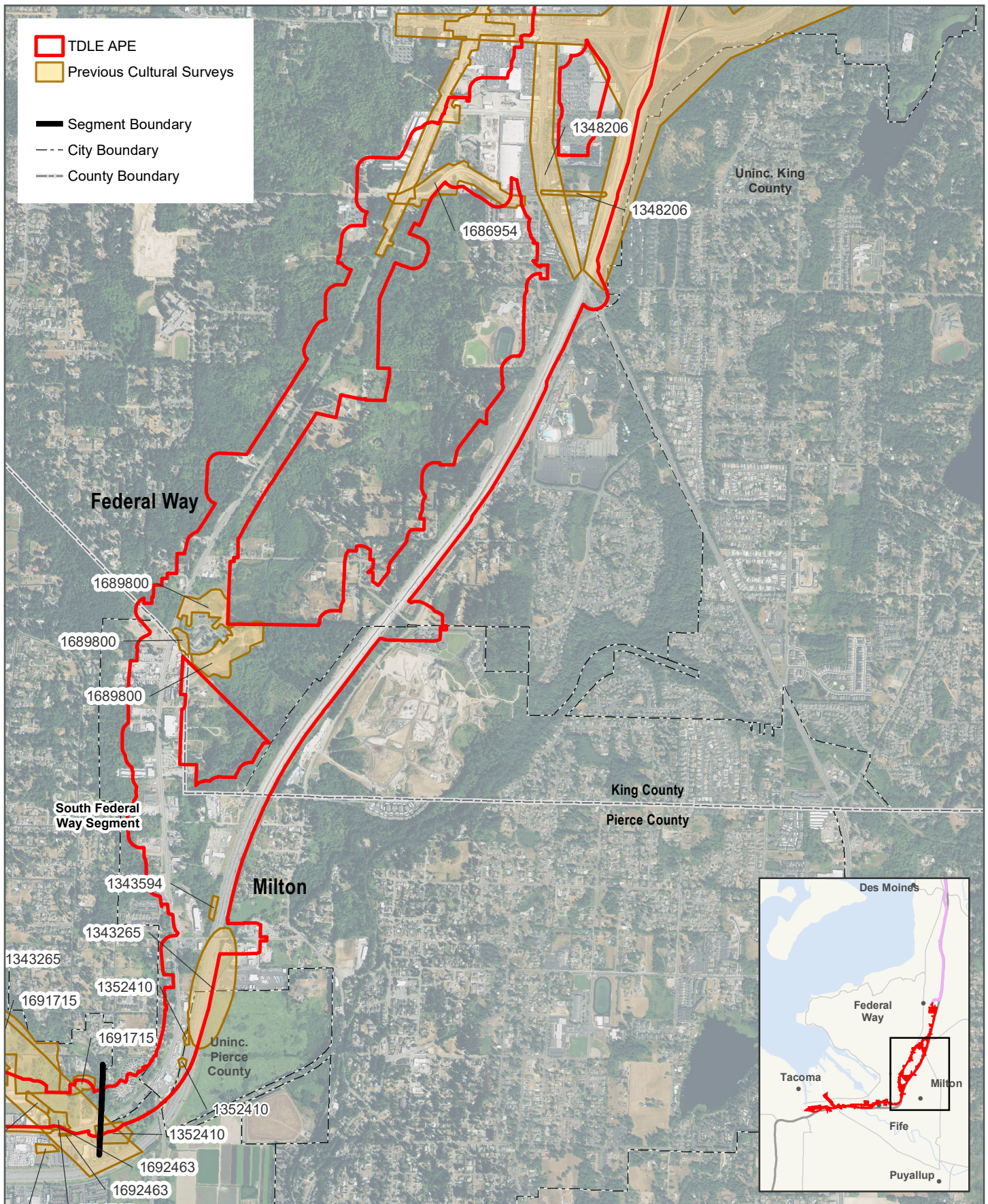
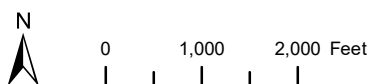


FIGURE J5.1-1
 Previous Cultural Surveys
 within the APE, Federal Way
 (Federal Way Segment)
Tacoma Dome Link Extension



Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

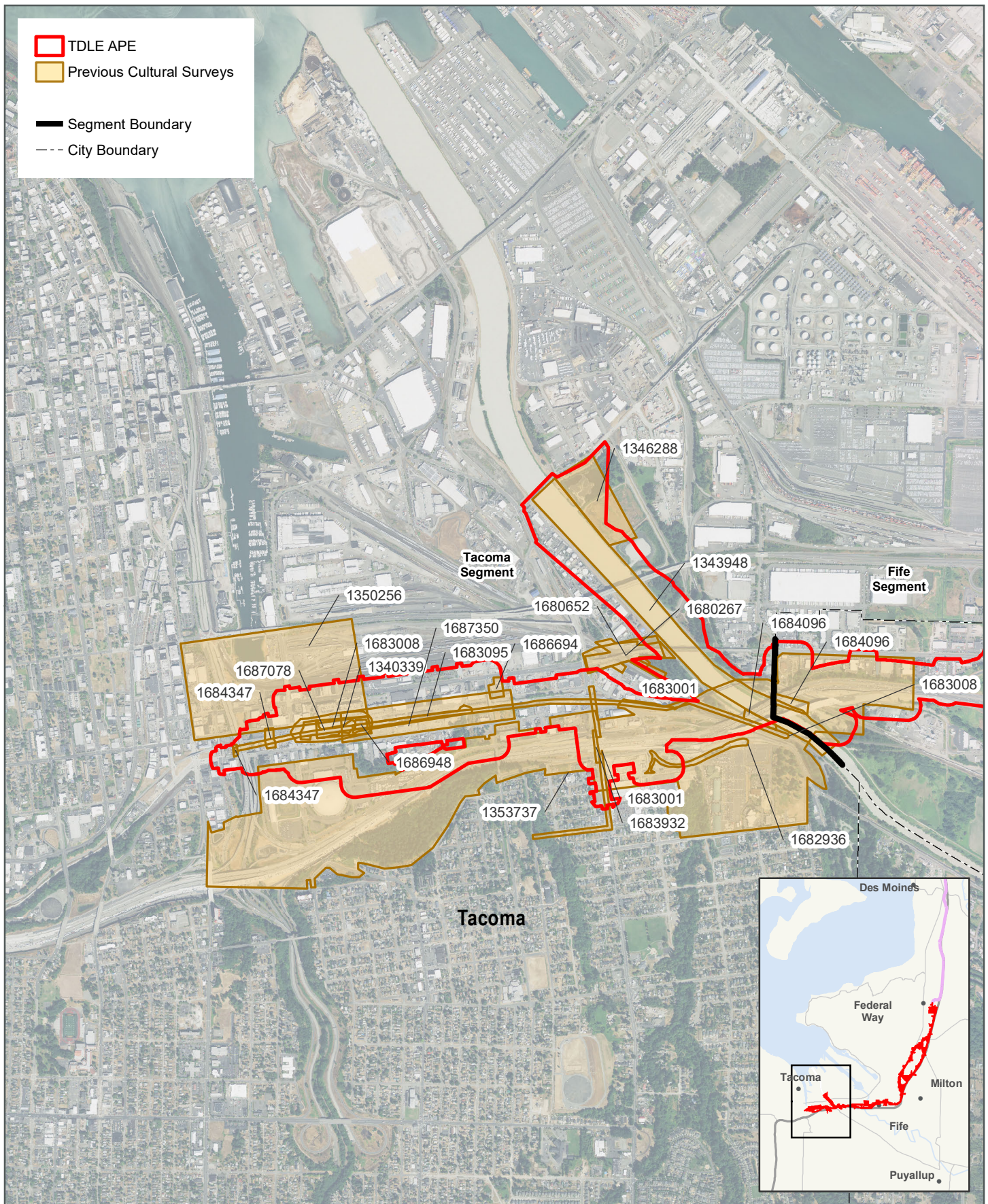
FIGURE J5.1-2
 Previous Cultural Surveys
 within the APE, South Federal Way
 (South Federal Way Segment)
Tacoma Dome Link Extension





A horizontal number line with tick marks at 0, 1,000, and 2,000. The label "Feet" is at the right end.

FIGURE J5.1-3
Previous Cultural Surveys
within the APE, Fife
(Fife Segment)
Tacoma Dome Link Extension



Data Sources: DAHP - WISAARD: Post 1995 Surveys; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2023).

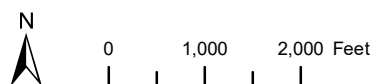


FIGURE J5.1-4
Previous Cultural Surveys
within the APE, Tacoma
(Tacoma Segment)
Tacoma Dome Link Extension

**Table J5.1-5 Register Listed Properties within a 1-Mile Radius of the APE
(All within 1 mile of the Tacoma Segment)**

Smithsonian Number	Name	Location	Listed Date	Register Listed in (NRHP, WHR)
45PI166	Samson Hotel; Cleveland Hotel	1156 S Fawcett, Tacoma, WA	N/A	Removed
45PI170	Union Passenger Station, Tacoma	1713 Pacific Avenue, Tacoma, WA	2003	NRHP
45PI171	Pacific Brewing and Malting Company	S 25th Between C Street and Jefferson Avenue, Tacoma, WA	1982	NRHP
45PI172	Tacoma Light and Water Company Purifier Building	2203 South A Street, Tacoma, WA	N/A	Removed
45PI220	Pacific National Bank Building	1302 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI260	Puyallup Waterway Crossing	Spanned Puyallup Waterway, Tacoma, WA	N/A	WHR
45PI580	Indian Cemetery (Cushman Cemetery)	Off Highway 99, Tacoma, WA	N/A	WHR
45PI582	Nihon Go Gakko, Tacoma	1715 S Tacoma Avenue, Tacoma, WA	1987	NRHP
45PI586	Engine House No. 4 – Tacoma	220-222-224 East 26 th Street, Tacoma, WA	1984	NRHP
45PI592	Sunset Telephone and Telegraph Building	1101 Fawcett Avenue, Tacoma, Washington	1982	NRHP
45PI593	Sprague Building	1501-1505 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI598	Washington Building, Tacoma	1019 Pacific Avenue, Tacoma, WA	2017	NRHP
45PI608	House at 2326 South L Street, Tacoma	2326 South L Street, Tacoma, WA	1990	NRHP
45PI612	Building at 1602 South G Street	1602 South G Street, Tacoma, WA	1990	NRHP
45PI613	House at 1610 South G Street, Tacoma	1610 South G Street, Tacoma, WA	1990	NRHP
45PI614	House at 1510 Tacoma Avenue S, Tacoma	1510 Tacoma Avenue S, Tacoma, WA	1986	NRHP
45PI628	Sandberg, Schoenfeld Buildings	1411-1423 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI639	U.S. Post Office, Tacoma Downtown Station, Federal Building	1102 South A Street, Tacoma, WA	1991	NRHP

**Table J5.1-5 Register Listed Properties within a 1-Mile Radius of the APE
(All within 1 mile of the Tacoma Segment) (continued)**

Smithsonian Number	Name	Location	Listed Date	Register Listed in (NRHP, WHR)
45PI641	Perkins Building	1101 A Street, Tacoma, WA	1991	NRHP
45PI643	Engine House No. 11 – Tacoma	3802 McKinley Avenue, Tacoma, WA	2001	NRHP
45PI651	Fire Station No. 2, Tacoma	2701 S Tacoma Avenue, Tacoma, WA	1987	NRHP
45PI653	Fireboat Station, Tacoma	302 E 11th Street, Tacoma, WA	1989	NRHP
45PI654	City Waterway Bridge	Spans City Waterway, 11th Street, Tacoma, WA	2009	NRHP
45PI663	E 34th Street Bridge, Tacoma	Pacific to A Street, Tacoma, WA	1982	NRHP
45PI693	Nisqually Power Substation	2416 South C Street, Tacoma, WA	1990	NRHP
45PI694	Tacoma Building	1015-1021 A Street, Tacoma, WA	1987	NRHP
45PI696	Albers Brothers Mill	1821 Dock Street, Tacoma, WA	2000	NRHP
45PI750	National Bank of Tacoma	1123 Pacific Avenue, Tacoma, WA	1987	NRHP
45PI761	Balfour Dock Building	705 Dock Street, Tacoma, WA	2009	NRHP
45PI788	Manley-Thompson Ford Agency (Crescent Ballroom)	1302-1306 Fawcett Avenue, Tacoma, WA	1982	NRHP
45PI789	The Auditorium Dance Hall	1308-1310 Fawcett Avenue, Tacoma, WA	2001	NRHP
45PI1189	Tacoma Ice Company's Cold Storage Plant	2602 S Holgate Street, Tacoma, WA	2001	NRHP
45PI1343	(Tacoma Municipal Barn)	2324 South C Street, Tacoma, WA	N/A	WA Heritage Barn
DT64 ¹	Union Depot, Warehouse Historic District, Tacoma	Roughly Bounded By RR Tracks – 15th, 23rd, and Market Streets, Tacoma, WA	N/A	NRHP
DT69 ¹	Pacific Avenue Historic District, Tacoma	1302-1356 Pacific Avenue, Tacoma, WA	N/A	Removed

Note:

¹ Noted as Smithsonian in WISAARD

**Table J5.1-6 Properties Determined Eligible for the NRHP within 1 Mile of the APE
(Federal Way Segment)**

Property Number	Name	Location
673420	Peoples National Bank	1436 S 312th, Federal Way, WA 98003
100773	Calvary Lutheran Church	2415 S 320th Street, Federal Way, WA 98003
729171	Bank	32400 Pacific Highway S, Federal Way, WA 98003
28910	Weyerhaeuser Headquarters	33663 Weyerhaeuser Way S, Federal Way, WA 98003
327005	William J. Meers Homestead – House	36818 8th Avenue S, Federal Way, WA
710089	William J. Meers Homestead – Cistern	36818 8th Avenue S, Federal Way, WA
710090	William J. Meers Homestead – Shop Shed (Shed 1)	36818 8th Avenue S, Federal Way, WA
710092	William J. Meers Homestead – Apple Shed (Shed 2)	36818 8th Avenue S, Federal Way, WA

**Table J5.1-7 Properties Determined Eligible for the NRHP within 1 Mile of the APE
(South Federal Way Segment)**

Property Number	Name	Location
327005	William J. Meers Homestead – House	36818 8th Avenue S, Federal Way, WA
710089	William J. Meers Homestead – Cistern	36818 8th Avenue S, Federal Way, WA
710090	William J. Meers Homestead – Shop Shed (Shed 1)	36818 8th Avenue S, Federal Way, WA
710092	William J. Meers Homestead – Apple Shed (Shed 2)	36818 8th Avenue S, Federal Way, WA
680386	Residence	411 Birch Street, Milton, WA 98354-9621

Table J5.1-8 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Fife Segment)

Property Number	Name	Location
680738	Joe Young Cabin	860 64th Avenue E, Fife, WA
680348	Residence	6020 8th Street E, Fife, WA 98424-1321
31910	-	7001 20th Street E, Fife, WA
705968	Tacoma BPA Substation	3702 Taylor Way, Tacoma, WA

Table J5.1-9 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Tacoma Segment)

Property Number	Name	Location
700295	Puyallup Waterway Crossing	Spanned Puyallup Waterway, Tacoma, WA
31786	Puyallup River Bridge	Puyallup River crossing along Highway 99, Tacoma, WA 98421
90499	East 21st Street (E Lincoln Ave) Bridge	E Lincoln Ave, Tacoma, WA 98421
31600	Warehouse	301 E 11th Street, Tacoma, WA 98421
36396	Tacoma Eastern Railroad – Tacoma to Morton	
97096	Union Pacific (Puyallup River) Bridge	Puyallup River crossing along Union Pacific Railway, Tacoma, WA 98421
722130	Milwaukee, St. Paul and Pacific Railroad	
31669	Chicago, Milwaukee, St. Paul & Pacific S Turn Trestle	E 25th Street, between East K Street and East G Street, Tacoma, WA 98421
32815	Burlington Northern Office and Freight Warehouse	605 Puyallup Ave, Tacoma, WA 98421
30471	U.S. Post Office, Tacoma Downtown Station, Federal Building	1102 South A Street, Tacoma, WA
534061	Bicentennial Pavilion	1313 Market Street, Tacoma, WA 98402
532172	Hodcarriers, Building & Construction Laborers Union	1744 Market Street, Tacoma, WA 98402
532179	Love Electric Co. Warehouse	1914 Market Street, Tacoma, WA 98402
532757	F. Wild Arcade Building	1910 Jefferson Ave, Tacoma, WA 98402
532760	Swiss Hall	1904 Jefferson Ave, Tacoma, WA 98402
30507	Tacoma City Shops and Stable	2300 S C Street, Tacoma, WA 98402

Table J5.1-9 Properties Determined Eligible for the NRHP within 1 Mile of the APE (Tacoma Segment) (continued)

Property Number	Name	Location
50056	Hood Street Reservoir – Chlorination Building	3110 S 32nd Street, Tacoma, WA 98409
50047	Lincoln High School	701 S 37th Street, Tacoma, WA 98418
499650	Chamber of Commerce	950 S 11th Street, Tacoma, WA, 98405, USA
700034	Samson Hotel; Cleveland Hotel	1156 S Fawcett, Tacoma, WA
509807	Normanna Hall	1502-1506 Martin Luther King Jr., Tacoma, WA 98405
101344	Union Passenger Station, Tacoma	1713 Pacific Avenue, Tacoma, WA
30962	Tacoma Paper and Stationery Company Building	735 Jefferson Avenue, Tacoma, WA, 98402
531612	F.S. Harmon Manufacturing Company Building	1944 Pacific Avenue, Tacoma, WA 98402
700037	Tacoma Light and Water Company Purifier Building – DEMOLISHED	2203 A Street, Tacoma, WA, 98402, USA
510011	-	2119 South M, Tacoma, WA 98405
530762	-	2119 S Sheridan Avenue, Tacoma, WA 98405
700690	Barn	2324 South C Street, Tacoma, WA
31126	Medosweet Dairy Building	2413 Pacific Avenue, Tacoma, WA
30944	Tacoma Ice Company's Cold Storage Plant	2602 S Holgate Street, Tacoma, WA
97076	Willard Elementary School	3201 South D Street, Tacoma, WA 98418
505816	-	3574 South D, Tacoma, WA 98418
112141	Mountain View Sanatorium	Mountain View Sanatorium
31132	Pierce County Hospital	3580 Pacific Avenue, Tacoma, WA
533893	-	3602 South D Street, Tacoma, WA 98418
109142	Bethlehem Lutheran Church	101 E 38th Street, Tacoma, Washington, USA
506207	Residence	1430 E 31st, Tacoma, WA 98404
97094	Church of the Indian Fellowship	2232 E 28th Street, Tacoma, WA



ATTACHMENT J5.2

Inadvertent Discovery Plan (IDP)

PLAN AND PROCEDURES FOR THE INADVERTENT DISCOVERY OF ARCHAEOLOGICAL RESOURCES AND HUMAN SKELETAL REMAINS

1. INTRODUCTION

Engineering and planning for the Tacoma Dome Link Extension (TDLE) is in process. This project is an approximately 10-mile light rail extension from just south of the Federal Way Transit Center in Federal Way to the vicinity of the Tacoma Dome in Tacoma, Washington.

Archaeological investigations are a supporting element for the TDLE environmental review process and Section 106 compliance. Archaeological survey is proposed to take place throughout the TDLE area of potential effect (APE) within areas of anticipated ground disturbance and will include up to 930 shovel probes and up to 40 archaeological bores.

This Inadvertent Discovery Plan (IDP) outlines the procedures to be implemented if archaeological resources or human remains are encountered during archaeological fieldwork.

2. ARCHAEOLOGICAL FIND DOCUMENTATION PROCEDURES

The discovery of archaeological resources may require notification to the Federal Transit Administration (FTA) as the lead federal agency in charge of compliance with Section 106 of the National Historic Preservation Act (Section 106). Notifications to Section 106 consulting parties (e.g., the State Historic Preservation Officer [SHPO] and affected tribes) may also be needed.

While FTA is the lead federal agency, Sound Transit is the project proponent and oversees the implementation of the IDP. These agencies will work to ensure successful consultation with SHPO and tribes, proper documentation, and subsequent avoidance or treatment of any archaeological resource that is eligible for listing in the National Register of Historic Places (NRHP) following procedures outlined below.

1. If an Archaeological Technician¹, under the supervision of the Project Archaeologist (see Section 5.3) encounters an archaeological resource or suspected archaeological resource (the Find) work is required to be halted in the location of the Find. The Find and its immediate surroundings must be protected.
2. The Project Archaeologist will evaluate the Find to assess if it is archaeological.
 - a. If the Find is not archaeological, the discovery shall be documented in the daily field notes and work may resume.

¹ Archaeological Technician is defined here as an archaeologist working under the direction and supervision of the Project Archaeologist. Archaeological Technicians are not identified in the contact list below.

3. If the Find is archaeological, the Project Archaeologist shall inspect the Find to determine if it is a resource that is potentially eligible for listing in the NRHP. Such potentially eligible archaeological resources are outlined in Section 3 and include all objects that are associated with Native American use of a landscape or those that were produced by Native Americans.
 - a. If the Find is not potentially eligible it shall be documented in a memorandum describing the Find with an eligibility evaluation and an accompanying Washington State Archaeological Inventory Form, per SHPO guidance on Cultural Resources Reporting in Washington State. This eligibility evaluation shall be communicated to Sound Transit's Cultural Resources Program Manager at the end of the working day when the Find is made. The accompanying memo and Washington State Archaeological Inventory Form will be submitted to Sound Transit within one week of the Find.
4. If the Find is potentially eligible for listing in the NRHP, the Project Archaeologist shall secure the area, generally within 30 feet, to ensure that the Find is not disturbed.
5. If the Find is potentially eligible for listing in the NRHP, the Project Archaeologist shall contact Sound Transit's Cultural Resources Program Manager after securing the area around the Find. The Project Archaeologist shall then make a recommendation to Sound Transit's Cultural Resources Program Manager regarding NRHP eligibility of the Find.
6. Sound Transit's Cultural Resources Program Manager shall then forward this recommendation to FTA and then the State Historic Preservation Officer (SHPO) at the direction of FTA.
7. A formal determination of NRHP eligibility and concurrence shall come from FTA and SHPO, respectively. This Consultation on eligibility shall also include a determination of effects from FTA vis-à-vis the Find.
8. FTA shall notify Affected Tribes of the determinations of eligibility and effects and, as appropriate, engage in Consultation to determine the appropriate course of action (e.g., avoid, minimize, or mitigate any potential adverse effects). SHPO shall also be included in this Consultation process.
9. During Steps 1-8 no additional ground disturbing work, including archaeological investigations shall occur within 50 feet of the Find without FTA and SHPO's written authorization (email is acceptable).

3. RECOGNIZING ARCHAEOLOGICAL RESOURCES

A cultural resource is an item of historical, traditional, and/or cultural importance, broad categories of examples include:

- An accumulation of shell (shell midden) with associated bone, stone, antler or wood artifacts, burned rocks or charcoal.
- Bones that appear to be human or animal bones associated with a shell midden.
- An area of charcoal or very dark stained soil with associated artifacts,
- Artifacts made of chipped or ground stone (e.g., an arrowhead, adze, or maul) or an accumulation (more than one) of cryptocrystalline stone flakes (lithic debitage), fire-cracked rock (FCR) from hearth ovens, and bent wood.

- Basketry, cedar garments, fish weir stakes, or items made of botanical materials.
- Clusters of tin cans or bottles, logging, or agricultural equipment (not in use) that appear to be older than 50 years.
- Buried railroad tracks, decking, or other industrial materials.

Not all cultural resource material encountered will be potentially eligible for listing on the NRHP. To be eligible for the NRHP cultural resources identified during construction must be 50 years of age or older, meet one or more of the four criteria listed below, and retain sufficient physical integrity to convey historical significance (36 CFR 60.4). A building, site, object, or structure may be considered for inclusion in the NRHP if it meets at least one of the following criteria:

1. The property is associated with events that have made a significant contribution to the broad patterns of our history.
2. The property is associated with the lives of persons significant in our past.
3. The property embodies the distinctive characteristics of a type, period, or method of construction, or that represent the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components might lack individual distinction.
4. The property has yielded, or might be likely to yield, information important in prehistory or history.

The following sections describe those materials that do or do not require a halt in construction.

3.1 Items that are not likely to be potentially eligible for listing in the NRHP

Aside from light rail related materials, the following types of materials are presumed not significant, and would not require a halt in work or investigation by the Project Archaeologist:

- Isolated cans or bottles,
- Materials less than 50 years old, and
- Abandoned utilities.

3.2 Materials that are likely to be eligible for listing in the NRHP

Specific examples of precontact archaeological materials may include, but are not limited to:

- stone tools and flaking debris;
- river mussel shell or non-sawed bone fragments;
- charcoal concentrations and darkened earth;
- fire-modified rock or unaltered cached rock piles;
- suspected human remains (see Section 4 below on Inadvertent Discovery of Human Remains);
- wooden posts (house posts, food drying racks); and
- basketry or fiber objects (cedar twine ropes, woven mats, cedar twine fishing nets).

Historic-period archaeological materials may include, but are not limited to:

- low-fired and bisque ceramics with subdued colors, or blue/pink willow-like design; thick-bodied pieces, indicating crockery;
- non-tempered glass, violet-colored glass, stopper-topped glass jars or bottles, press-capped (cork gasket liner) heavy-walled soda bottles (not twist-top, thin-walled), zinc and vitreous glass-lidded glass canning jars with colored body;
- miscellaneous fragments of metal (or plated) clothing closures (buttons, hooks and eyes, and suspender fittings, but not zippers); sawed animal bone, bakelite, celluloid, glass and shell buttons (but no nylon or polystyrene);
- enameled ironware;
- punch-opened and solder-sealed beverage cans, solder-sealed food tins, general lack of thin-walled aluminum and welded steel cans;
- rock-picker piles collected by farmers and agricultural equipment or implements;
- older automotive parts;
- knob-and-tube electrical insulators; and
- residential structural remains, such as historic building foundations or privies.

3.3 Types of deposits that may be encountered

Isolate: One distinct artifact or a few fragments of the same artifact that are too far away (typically more than 50 meters) from other cultural materials to be considered part of a “site.” Generally, an isolate will not take long to document. Regardless of the nature of the isolated artifact find (e.g., historic versus precontact, with or without diagnostic markers), it is to be recorded on a Washington Archaeological Site Inventory form, its location mapped, and photographs taken.

Intact Artifact Deposit or Feature: Two or more distinct artifacts or one feature (e.g., precontact fire hearth, historic-period concrete foundation) within a 50-meter area. Intact deposits are considered an archaeological site and must be recorded on a Washington Archaeological Site Inventory form.

Disturbed Artifact Deposits: Artifacts identified in disturbed soils (such as historic fill) should be documented in monitoring notes and photographed. Depending on the volume of artifacts and the level of disturbance, the site may or may not need to be recorded on a Washington Archaeological Site Inventory form. Limited investigation around the artifacts may be necessary to determine if additional materials are present and whether the site boundaries extend beyond the initial find, following the protocol steps outlined in Section 2.

4. INADVERTENT DISCOVERY OF HUMAN REMAINS/ SUSPECTED HUMAN REMAINS

Human remains or suspected human remains (the Discovery) shall be treated with respect and dignity. After discovery they shall be covered with a tarp or cloth, not soil, and shall remain untouched until the procedures outlined below are followed. No photographs shall be taken except by the Project Archaeologist who may need to photograph the bone for identification purposes. This photograph shall not be distributed outside contacts listed below in Section 5.3.

No persons other than the proper law enforcement personnel (County, City, or Tribal [see Contacts below]), the appropriate county's Medical Examiner, and professional archaeologists shall be authorized to access the discovery location after the area is secured. Assumptions must not be made concerning the origin of the human remains, and public disclosure of the find shall be avoided.

1. In the event that human remains or suspected human remains are discovered work shall immediately stop work in the area of the Discovery and the Project Archaeologist shall secure the area 50 feet (15.2 meters) in all directions. All spoils from the location of the Discovery shall remain on site.
2. The Project Archaeologist, in coordination with the Archaeological Technician and Sound Transit's Cultural Resource Program Manager shall verify if the Discovery is human remains.
 - a. If the Discovery is not human remains work may proceed but may need to follow procedures for archaeological finds above.
3. If the Discovery is verified as human remains, the Project Archaeologist in coordination with Sound Transit shall notify the appropriate county's Medical Examiner and appropriate law enforcement (County, City, or Tribal) in the "most expeditious manner possible" (RCW 27.44; RCW 86.50; RCW 68.60). Sound Transit shall then notify FTA and SHPO of the Discovery.
4. The Medical Examiner, with the assistance of law enforcement personnel, shall formally determine if the remains are human, whether the discovery site constitutes a crime scene, and shall notify SHPO and the State Physical Anthropologist. If the Medical Examiner determines the remains are forensic, work shall resume only after the site has been cleared by law enforcement.
5. If the remains are not forensic, the State Physical Anthropologist shall make a determination of whether the remains are Native American or Non-Native American and report that finding to the affected parties, in coordination with FTA.
6. SHPO shall handle consultation with the affected parties as to the future preservation, excavation, and disposition of the remains.
7. During Steps 1-6 no additional ground disturbing work, including archaeological inventory shall occur within 50 feet of the Find without FTA and SHPO's written authorization.

5. COMMUNICATION AND CONTACT INFORMATION

Communication for the project shall include notifying the consulting tribes, survey crew orientation, and continual communication between Sound Transit and the Project Archaeologist. Any inadvertent discovery assessments, regular progress reports, and cultural resource investigation results summaries shall be provided to FTA for review. FTA shall provide documents to SHPO and consulting parties unless FTA directs Sound Transit to provide the document(s).

5.1 Tribal Notification

FTA shall notify tribal representatives via email of an invitation to observe investigations and provide them with a project schedule. FTA shall also notify tribal representatives if there are any changes to the schedule that may affect cultural resource investigations. Sound Transit coordinate all tribal communication with FTA and shall include SHPO on all communications and notifications to the tribes.

5.2 On-Site Communication

Prior to the commencement of any cultural resource investigations, the Project Archaeologist shall provide a 10- to 20-minute tailgate orientation for all crew involved in the investigations. The purpose of the orientation will be to inform and familiarize personnel with the IDP protocols.

Ongoing communication will be vital throughout the cultural resource investigations. The Project Archaeologist shall maintain communication with the Field Supervisor (or designee) as appropriate by email and/or phone. During the investigations, the Field Supervisor shall provide regular updates regarding progress and schedule to assist the Project Archaeologist and Sound Transit's Cultural Resources Program Manager.

5.3 Contacts

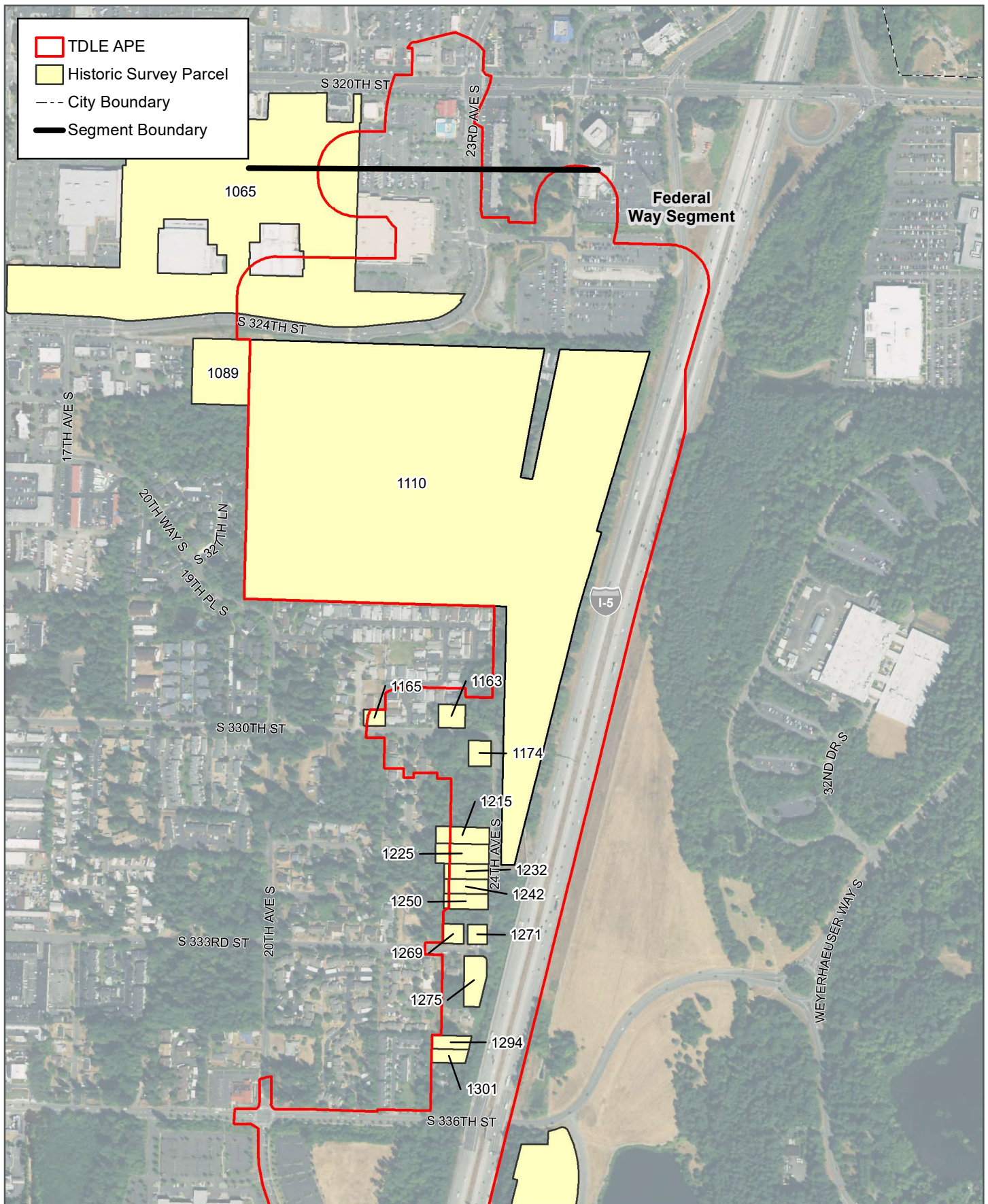
Federal Transit Administration (FTA) Erin Littauer Environmental Protection Specialist 206-220-7954 erin.littauer@dot.gov	State Historic Preservation Office Dennis Wardlaw Transportation Archaeologist 360-586-3085 (desk) Dennis.Wardlaw@dahp.wa.gov
Project Archaeologist Michele Punke, PhD, RPA Historical Research Associates, Inc. 541-829-9777 (cell) mpunke@hrassoc.com (through 2024, to be updated in 2025)	State Historic Preservation Office Dr. Guy Tasa State Physical Anthropologist 360-586-3534 Guy.tasa@dahp.wa.gov
Sound Transit - Cultural Resources Program Manager Alexander Stevenson 206-419-5315 (cell) 206-553-3655 (desk) Alex.stevenson@soundtransit.org	Sound Transit - Environmental Lead Elma Borbe Senior Environmental Planner 206-398-5445 (desk) elma.borbe@soundtransit.org
Tribal Technical Contacts	
Puyallup Tribe of Indians Brandon Reynon Cultural Regulatory Specialist 253-573-7986 (desk) brandon.reynon@puyalluptribe.com	Muckleshoot Indian Tribe Laura Murphy Tribal Archaeologist 253-876-3272 (desk) laura.murphy@muckleshoot.nsn.us
Nisqually Indian Tribe Annette Bullchild Tribal Historic Preservation Office 360-456-5221, ext. 1106 (desk) Bullchild.annette@nisqually-nsn.gov	Confederated Tribes and Bands of the Yakama Nation Kate Valdez Tribal Historic Preservation Officer (THPO) 509-985-7596 (desk) kate@yakama.com
Puyallup Reservation Contacts	
Puyallup Tribal Police Department 253-680-5656	

King County Contacts	
King County Medical Examiner 206-731-3232	King County Sherriff's Office 206-296-4155
	Federal Way Police Department 253-835-6700
Pierce County Contacts	
Pierce County Medical Examiner 253-798-6494	Pierce County Sherriff's Office 206-296-4155
	City of Fife Police Department 253-922-6633
	City of Tacoma Police Department 253-798-4721



ATTACHMENT J5.3

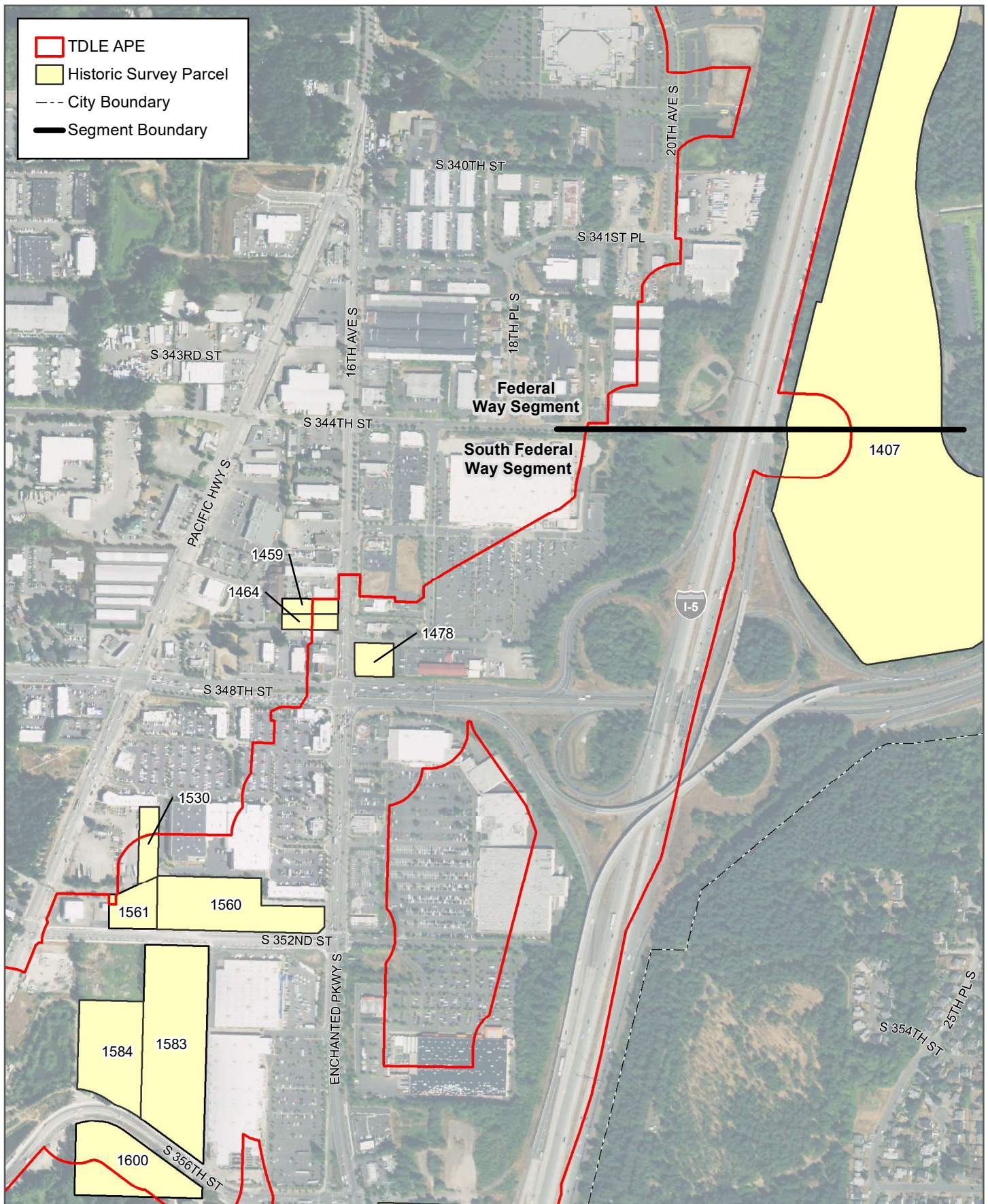
Detailed Historic Period Above Ground Resource Survey Maps



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



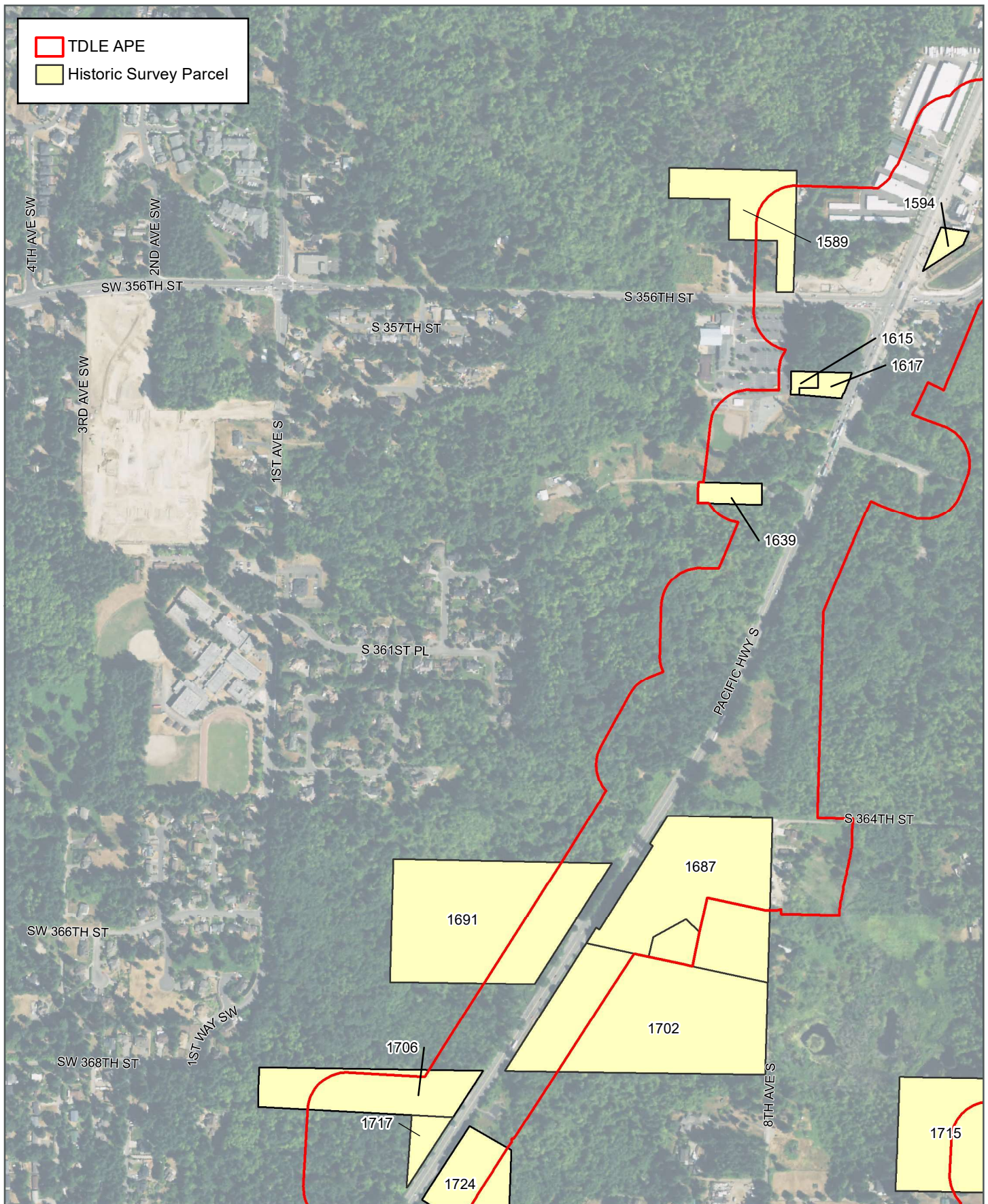
FIGURE J5.3-1
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



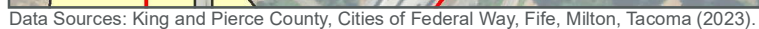
FIGURE J5.3-2
 APE and Historic
 Survey Parcels
 Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

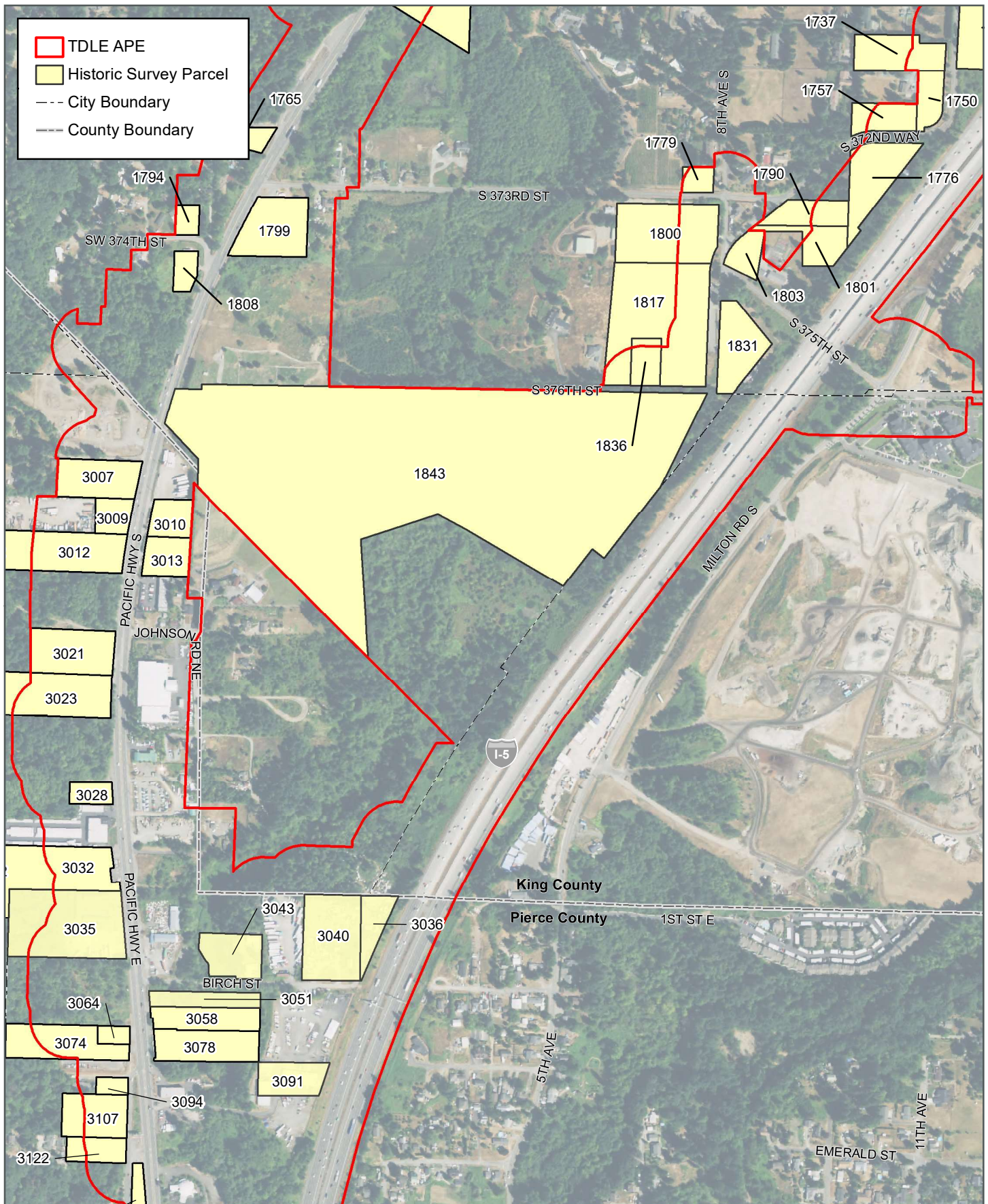


FIGURE J5.3-3
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



A horizontal number line with tick marks at 0, 500, and 1,000. The label "Feet" is at the right end.

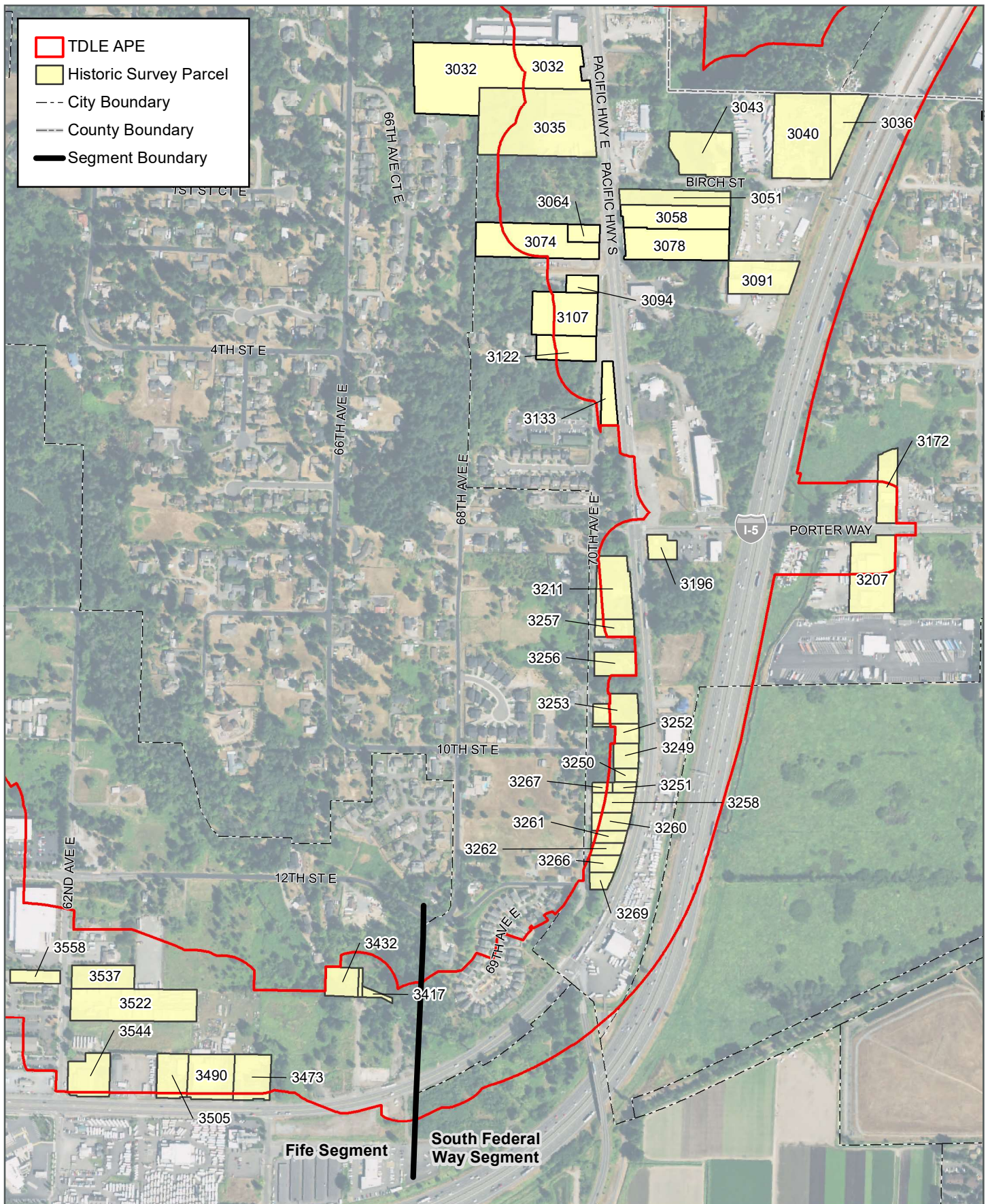
FIGURE J5.3-4
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



FIGURE J5.3-5
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).

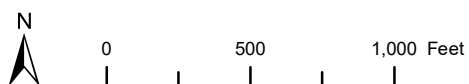
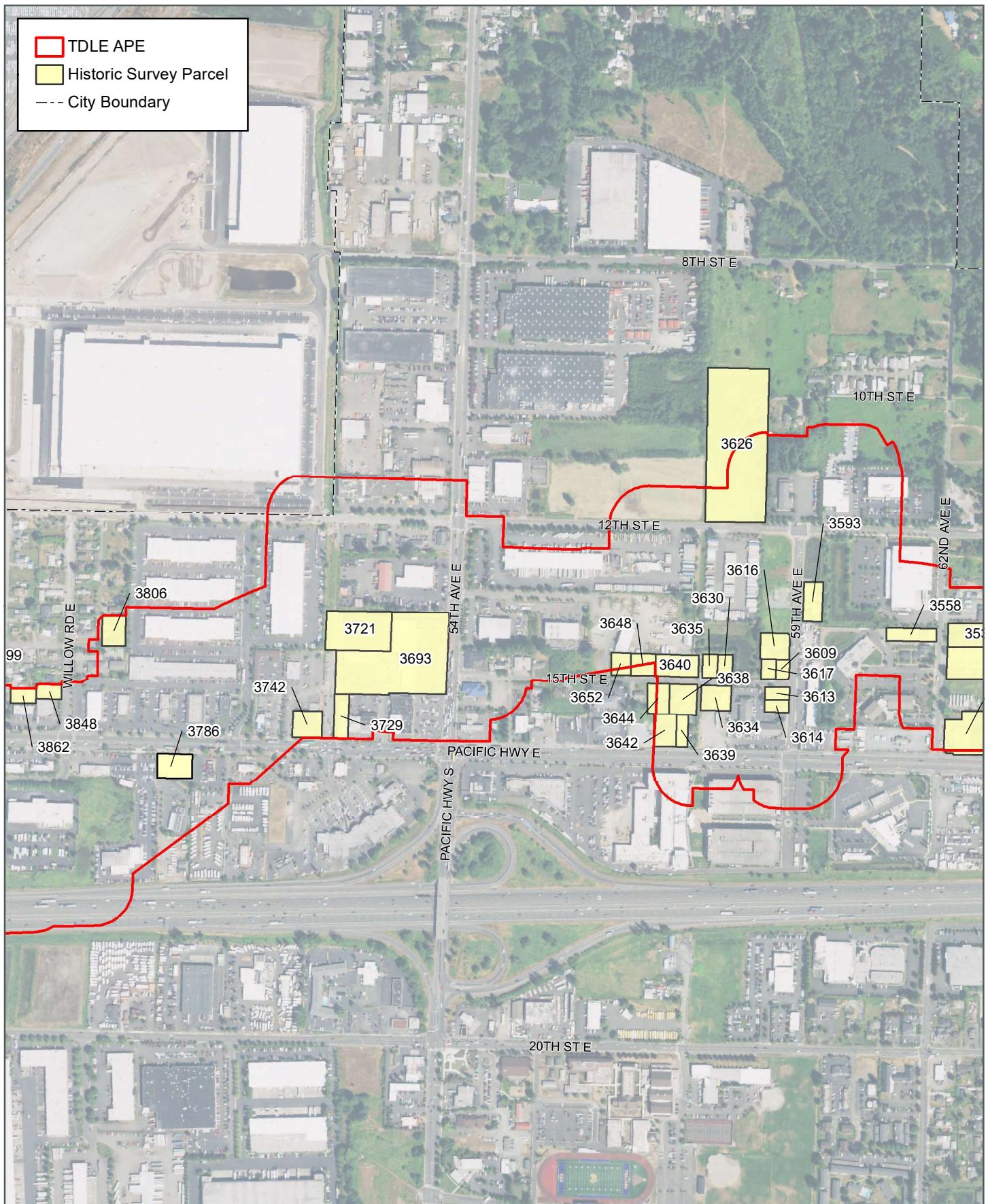


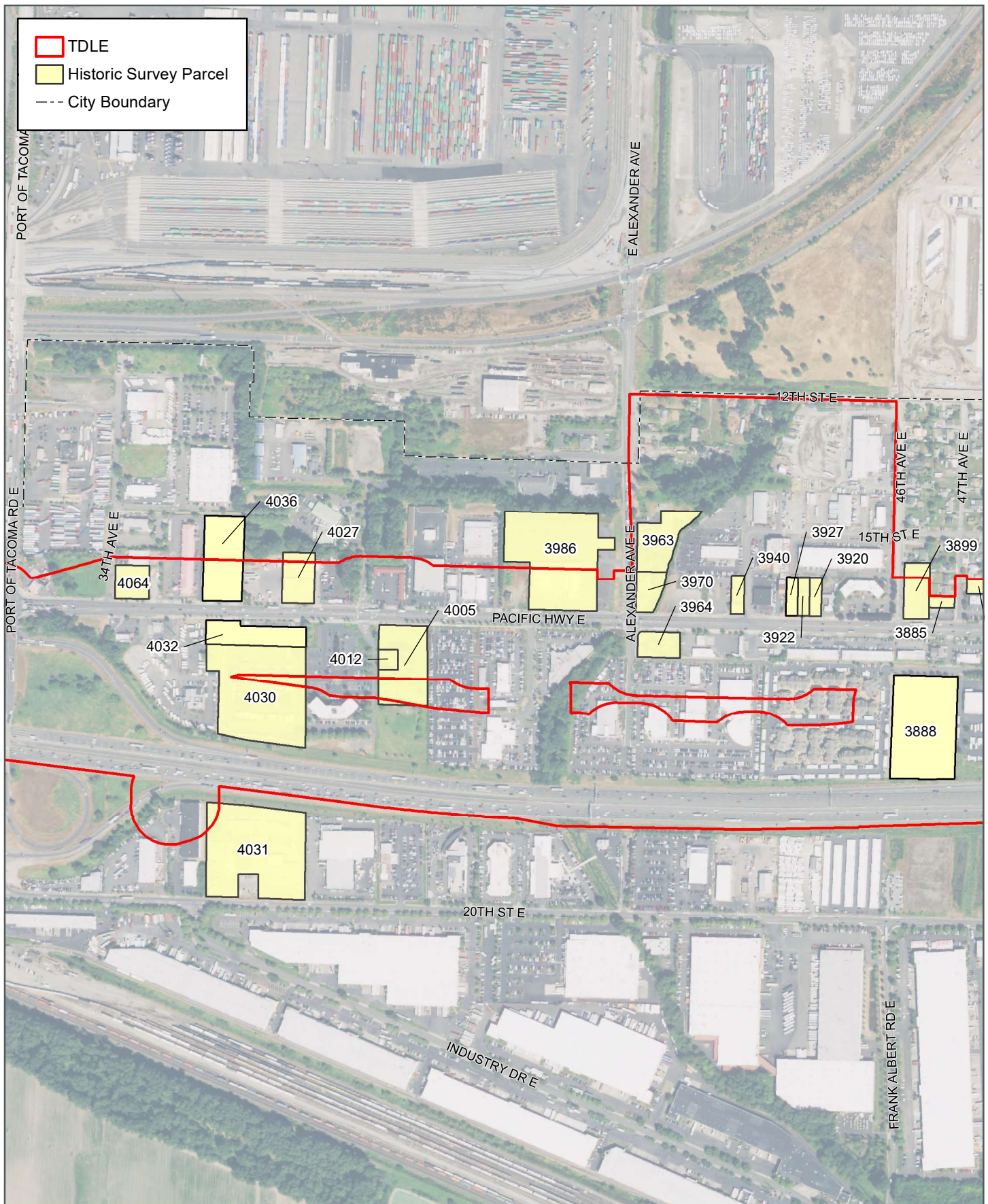
FIGURE J5.3-6
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



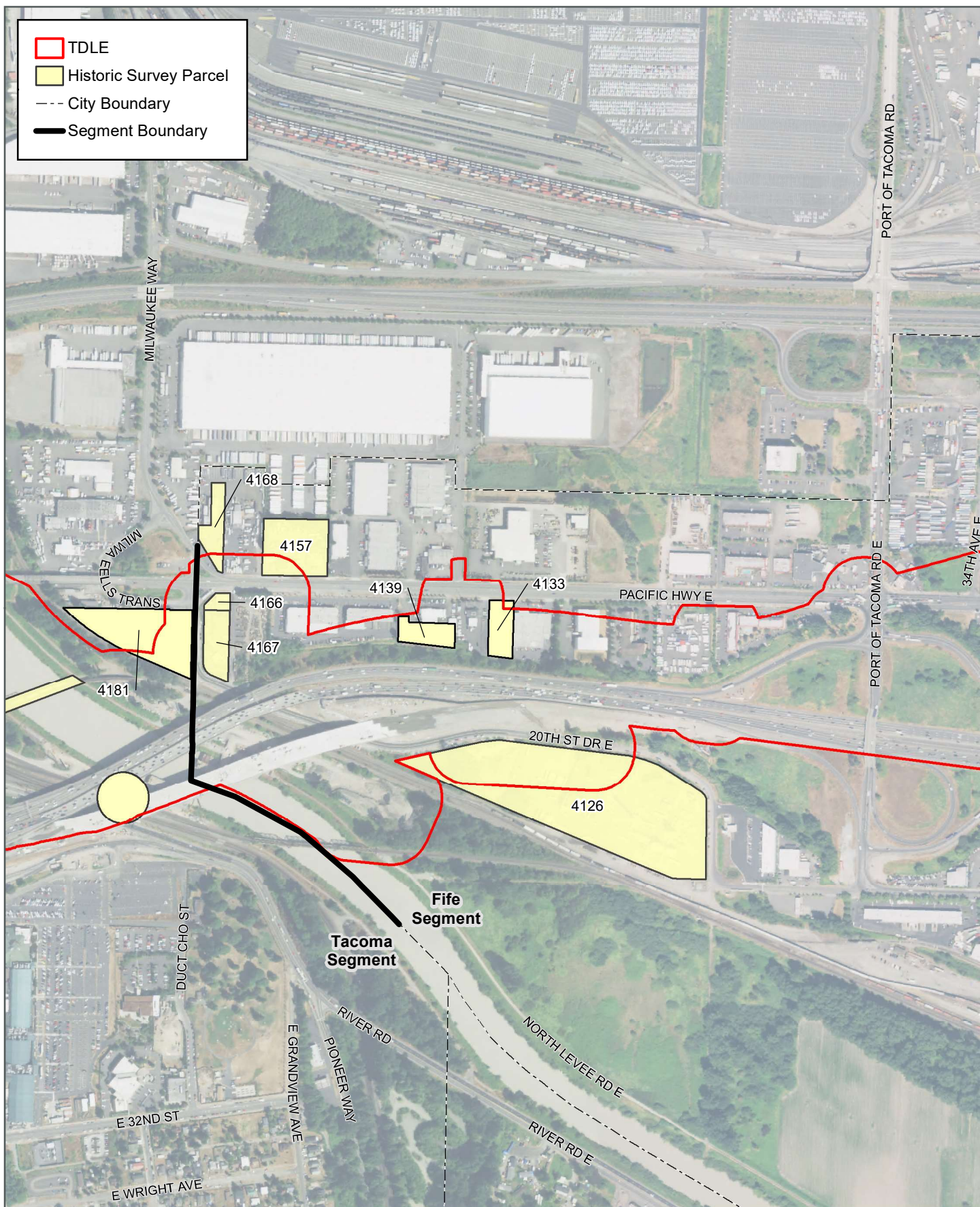
FIGURE J5.3-7
 APE and Historic
 Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



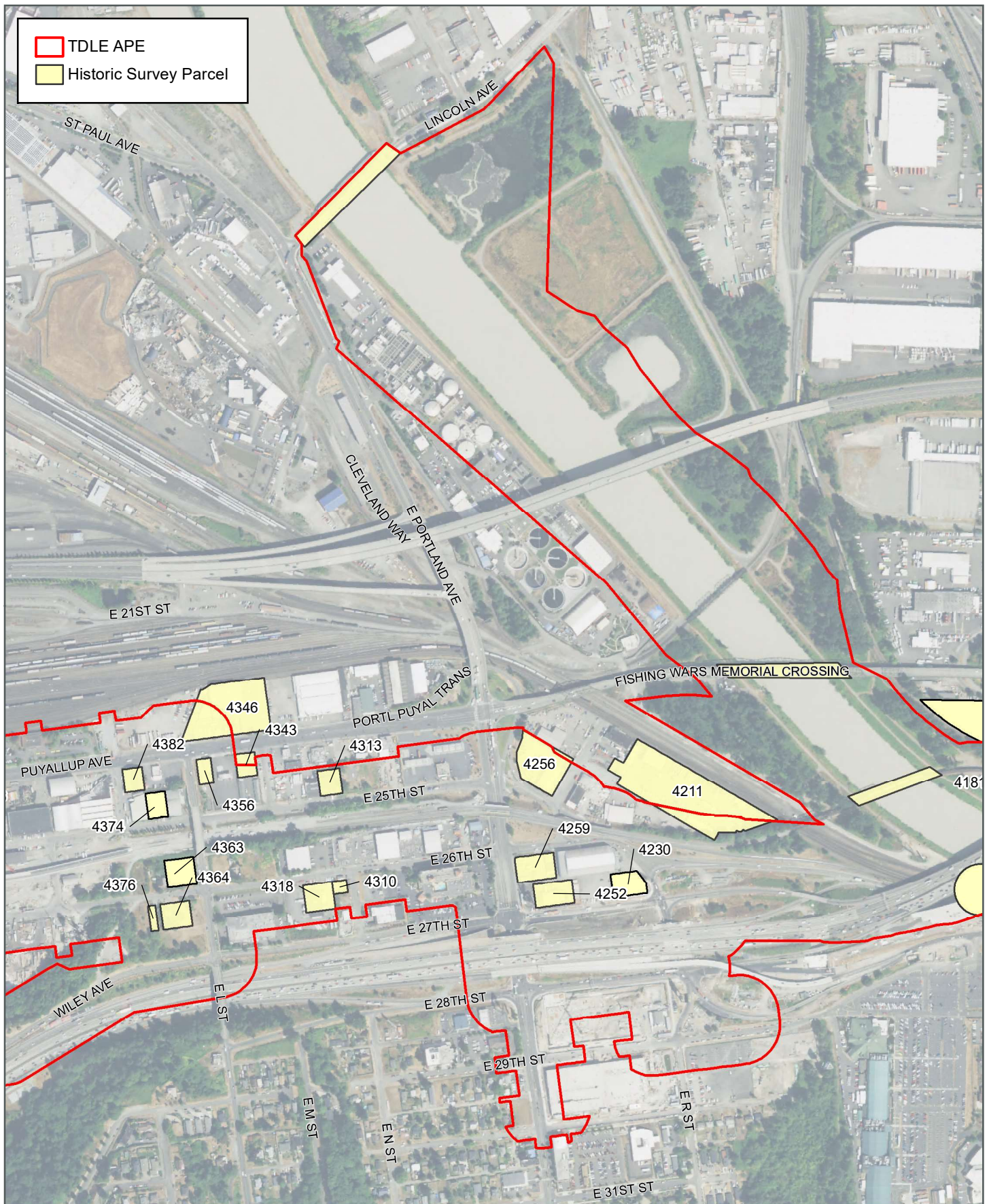
FIGURE J5.3-8
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



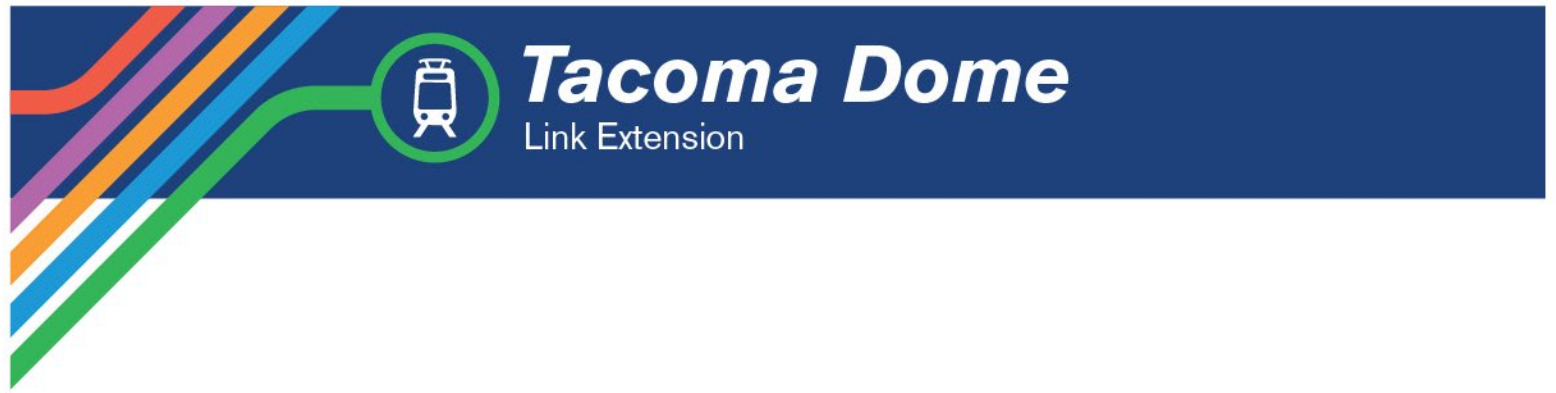
FIGURE J5.3-9
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2023).



FIGURE J5.3-10
APE and Historic
Survey Parcels
Tacoma Dome Link Extension



ATTACHMENT J5.4

Historic Map and Aerial Photograph Review

**Table J5.4-1. Historic Maps and Aerials Assessed for Archaeological Sensitivity
(Federal Way and South Federal Way Segments)**

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1868	—	GLO	Township 21 Range 4 (without Puyallup Reservation)	1:2,640	—	—
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	2	One near Gethsemane Cemetery One near SF Enchanted Way Station
1897	1897	USGS	Tacoma, WA	1:125,000	—	—
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	—	—
1900	1900	USGS	Tacoma, WA	1:125,000	—	—
1900	1902	USGS	Tacoma, WA	1:125,000	—	—
1900	1906	USGS	Tacoma, WA	1:125,000	—	—
1900	1909	USGS	Tacoma, WA	1:125,000	—	—
1900	1913	USGS	Tacoma, WA	1:125,000	—	—
1900	1924	USGS	Tacoma, WA	1:125,000	—	—
1928	—	D.H. White's Complete Atlas	Pierce County	1:1,320	—	—
1929	—	King County	State Road No. 1: Kit's Corner to Tacoma	1:100	—	—
1930	—	King County	Puget Sound Electric Railway Right-of-Way Plat	1:1,320	—	—
1937	—	King County	Section Aerial Photographs	1:1,320	6	Section 32, Township 21 N, Range 4 E
1900	1940	USGS	Tacoma, WA	1:125,000	—	—
1900	1945	USGS	Tacoma, WA	1:125,000	—	—
1942	—	King County	St. George's Cemetery Plat	1:100	1	St. George's Cemetery
1949	1956	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE

**Table J5.4-1. Historic Maps and Aerials Assessed for Archaeological Sensitivity
(Federal Way and South Federal Way Segments) (continued)**

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1954	—	King County	Section Aerial Photographs	1:1,320	Many	Extensive development throughout the APE
1961	1962	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE
1961	1969	USGS	Poverty Bay, WA	1:24,000	Many	Extensive development throughout the APE
1971	—	King County	Gethsemane Cemetery 2 Plat	1:100	1	Gethsemane Cemetery

Table J5.4-2. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Fife Segment)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	General Location of Potential Cultural Resource(s)
1874	1874	GLO	Puyallup Reservation	1:2,640	2 structures, 3 waterways	Structures near Youngsville and Puyallup River; Three waterways are spread out within the segment
1877	1877	U.S. Coastal Survey	Topography of Commencement Bay	1:20,000	–	–
1892	1892	U.S. Coast and Geodetic Survey	Tacoma and Vicinity (T-2262)	1:10,000	–	–
1892	1892	BIA	Puyallup Indian Reservation	1:2,640	–	–
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	9	Three along Wapato Creek Three between Wapato Creek and the Puyallup River Three near the east bank of the Puyallup River
1897	1897	USGS	Tacoma, WA	1:125,000	–	–
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	–	–
1900	1900	USGS	Tacoma, WA	1:125,000	–	–
1900	1902	USGS	Tacoma, WA	1:125,000	–	–
1900	1906	USGS	Tacoma, WA	1:125,000	–	–
1900	1909	USGS	Tacoma, WA	1:125,000	–	–
ca 1910	Ca 1910	L.A. Nicholson Civil Engineer	Tacoma Tide Lands for Terminals and Manufacturing Sites	1:1,320	1	Seattle-Tacoma Interurban Railway Approximately 10-20 meters south of Pacific Highway S
1900	1913	USGS	Tacoma, WA	1:125,000	–	–
1900	1924	USGS	Tacoma, WA	1:125,000	–	–
1928	–	D. H. White's Complete Atlas	Pierce County	1:1,320	1	Puget Sound Electric Railway
1929	–	King County	State Rd. No. 1: Kit's Corner to Tacoma	1:100	1	Puget Sound Electric Railway (detailed)

**Table J5.4-2. Historic Maps and Aerials Assessed for Archaeological Sensitivity
(Fife Segment) (continued)**

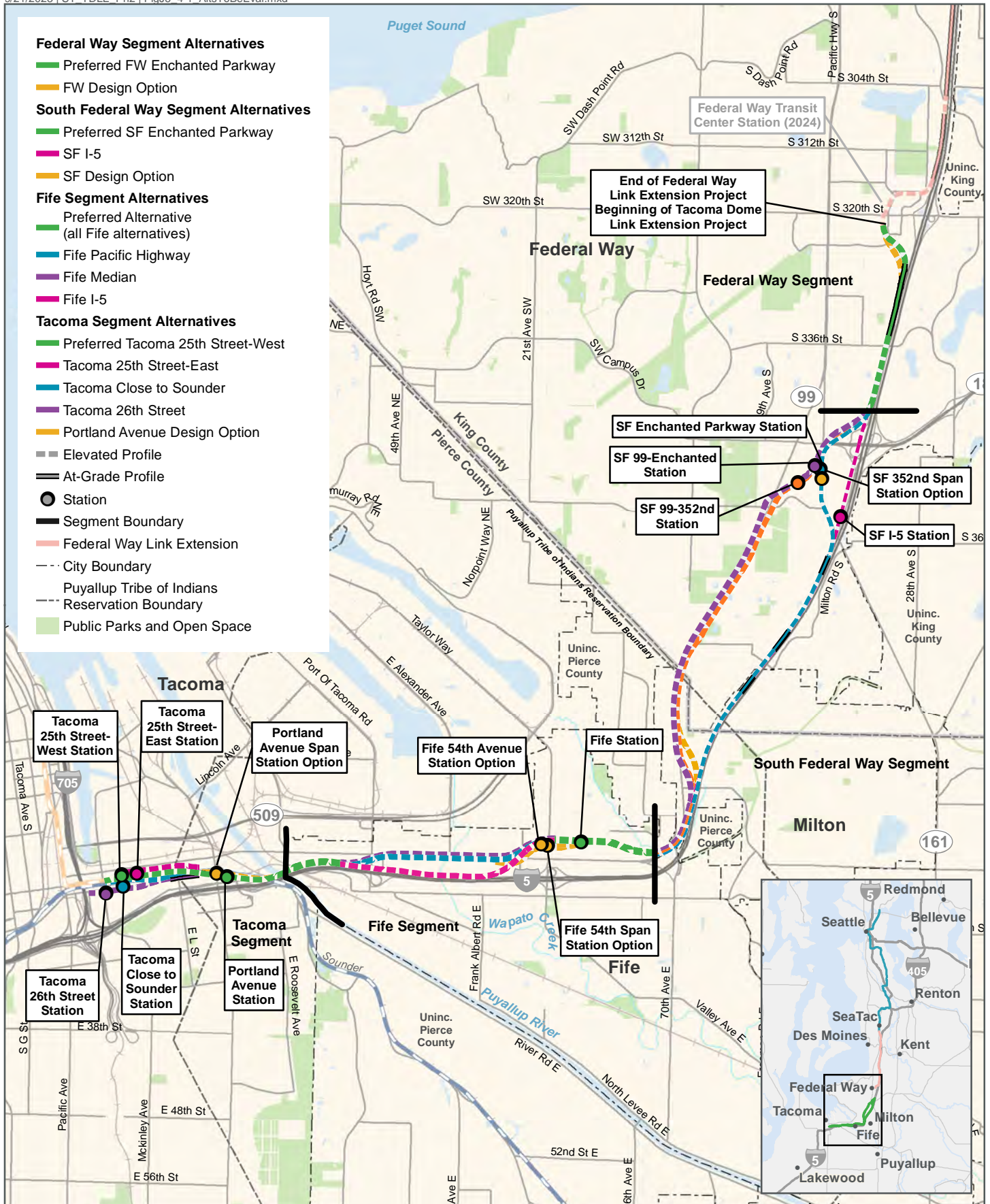
Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	General Location of Potential Cultural Resource(s)
1900	1940	USGS	Tacoma, WA	1:125,000	–	–
1940	1940	USACE	Aerial (Puyallup River Valley)	1:3,000	Many	Extensive development throughout the APE
1900	1945	USGS	Tacoma, WA	1:125,000	–	–
1941	1941	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1961	USGS	Puyallup, WA	1:24,000	Many	Extensive development throughout the APE
1961	1961	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1968	USGS	Puyallup, WA	1:24,000	Many	Extensive development throughout the APE

Table J5.4-3. Historic Maps and Aerials Assessed for Archaeological Sensitivity (Tacoma Segment)

Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
1867	—	GLO	Township 20 Range 3 (without Puyallup Reservation)	1:2,640	3	Small structures along the west bank of the Puyallup River
1877	—	U.S. Coastal Survey	Topography of Commencement Bay (T-1453)	1:20,000	25+	Structures along the west bank of the Puyallup River
1888	—	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Development from 23rd Street to 28th Street and Pacific Avenue and B Street
1892	—	U.S. Coast and Geodetic Survey	Tacoma and Vicinity (T-2262)	1:10,000	Many	Development between Pacific Ave. and East L Street
1892	—	BIA	Puyallup Indian Reservation	1:2,640	—	—
1894	—	Nicholson & Bullard Civil Engineers	Indian Addition to the City of Tacoma	1:300	Many	Privately owned land between Pacific Ave. and East L Street
1896	—	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Development from 23rd Street to 28th Street and East E Street and East L Street
1889	—	Plummers Complete Atlas	County of Pierce WA	1:1,320	—	—
1897	1897	USGS	Tacoma, WA (Land Usage)	1:125,000	2	Structures along the west bank of the Puyallup River
1897	1897	USGS	Tacoma, WA	1:125,000	—	—
1900	1900	USGS	Tacoma, WA (Land Usage)	1:125,000	—	—
1900	1900	USGS	Tacoma, WA	1:125,000	—	—
1900	1902	USGS	Tacoma, WA	1:125,000	—	—
1900	1906	USGS	Tacoma, WA	1:125,000	—	—
1900	1909	USGS	Tacoma, WA	1:125,000	—	—

**Table J5.4-3. Historic Maps and Aerials Assessed for Archaeological Sensitivity
(Tacoma Segment) (continued)**

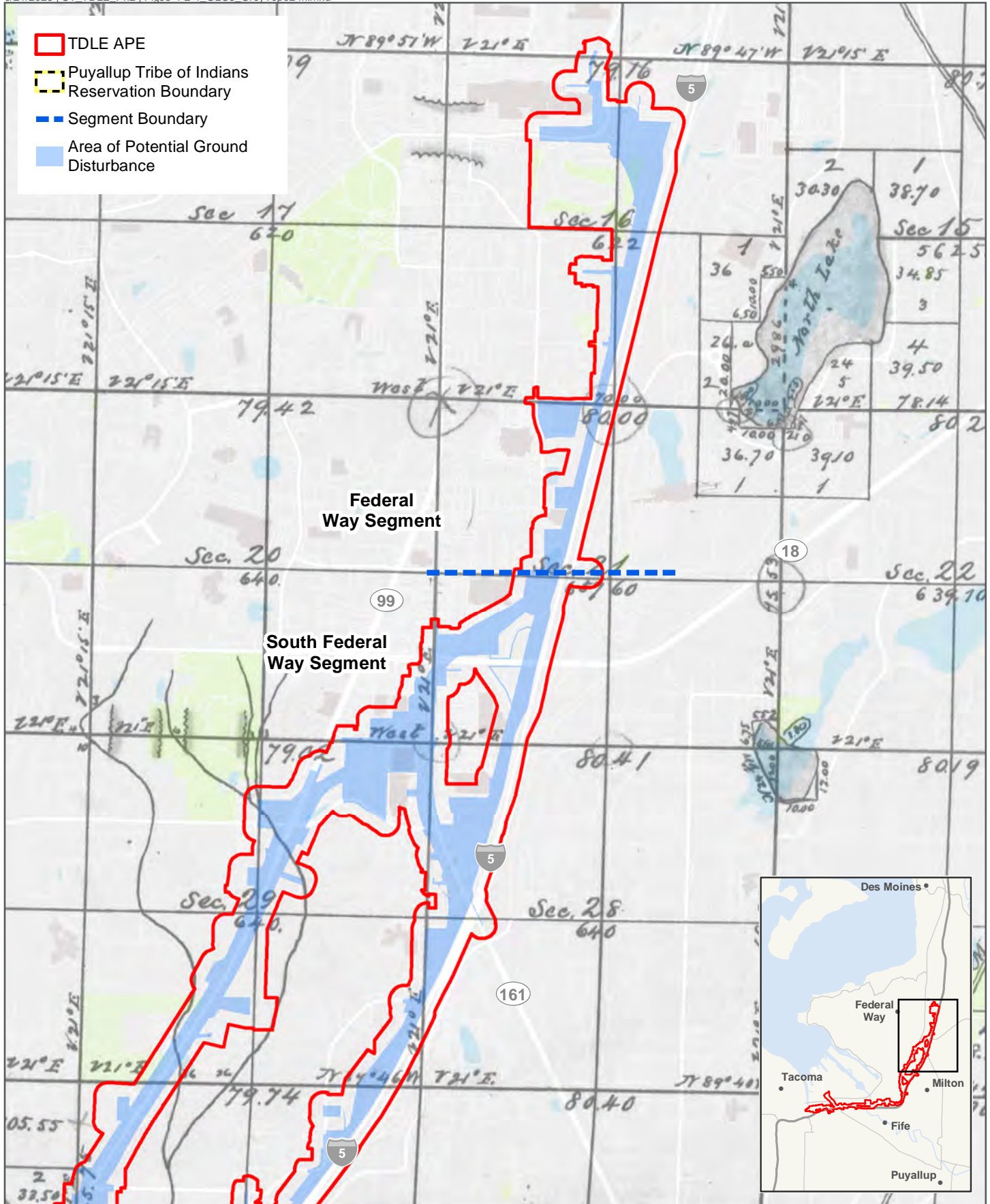
Date	Edition Date	Source	Map Name	Scale	Number of Potential Cultural Resources within the APE	Nature/General Location of Potential Cultural Resource(s)
ca 1910	—	L.A. Nicholson Civil Engineer	Tacoma Tide Lands for Terminals and Manufacturing Sites	1:1,320	—	—
1912	1912	Sanborn Fire Insurance Maps	City of Tacoma	1:200	Many	Extensive development from 23rd Street to 28th Street and East E Street and East R Street and Bay Street
1900	1913	USGS	Tacoma, WA	1:125,000	—	—
1900	1924	USGS	Tacoma, WA	1:125,000	—	—
1928	—	D.H. White's Complete Atlas	Pierce County	1:1,320	—	—
1900	1940	USGS	Tacoma, WA	1:125,000	—	—
1940	1940	USACE	Aerial (Puyallup River Valley)	1:3,000	Many	Extensive development along US 99 within the APE
1941	1941	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1900	1945	USGS	Tacoma, WA	1:125,000	2	Structures along the west bank of the Puyallup River
1961	1961	USGS	Tacoma South, Quadrangle	1:62,500	Many	Extensive development throughout the APE
1961	1961	USGS	South Tacoma, WA	1:24,000	Many	Extensive development throughout the APE
1961	1968	USGS	South Tacoma, WA	1:24,000	Many	Extensive development throughout the APE



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-1
Alternatives to be Evaluated
in the Draft EIS
Tacoma Dome Link Extension



Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

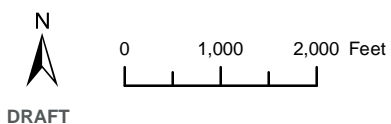


FIGURE J5.4-2
General Lands Office Plats
South Federal Way Segment
Tacoma Dome Link Extension

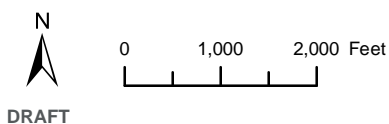
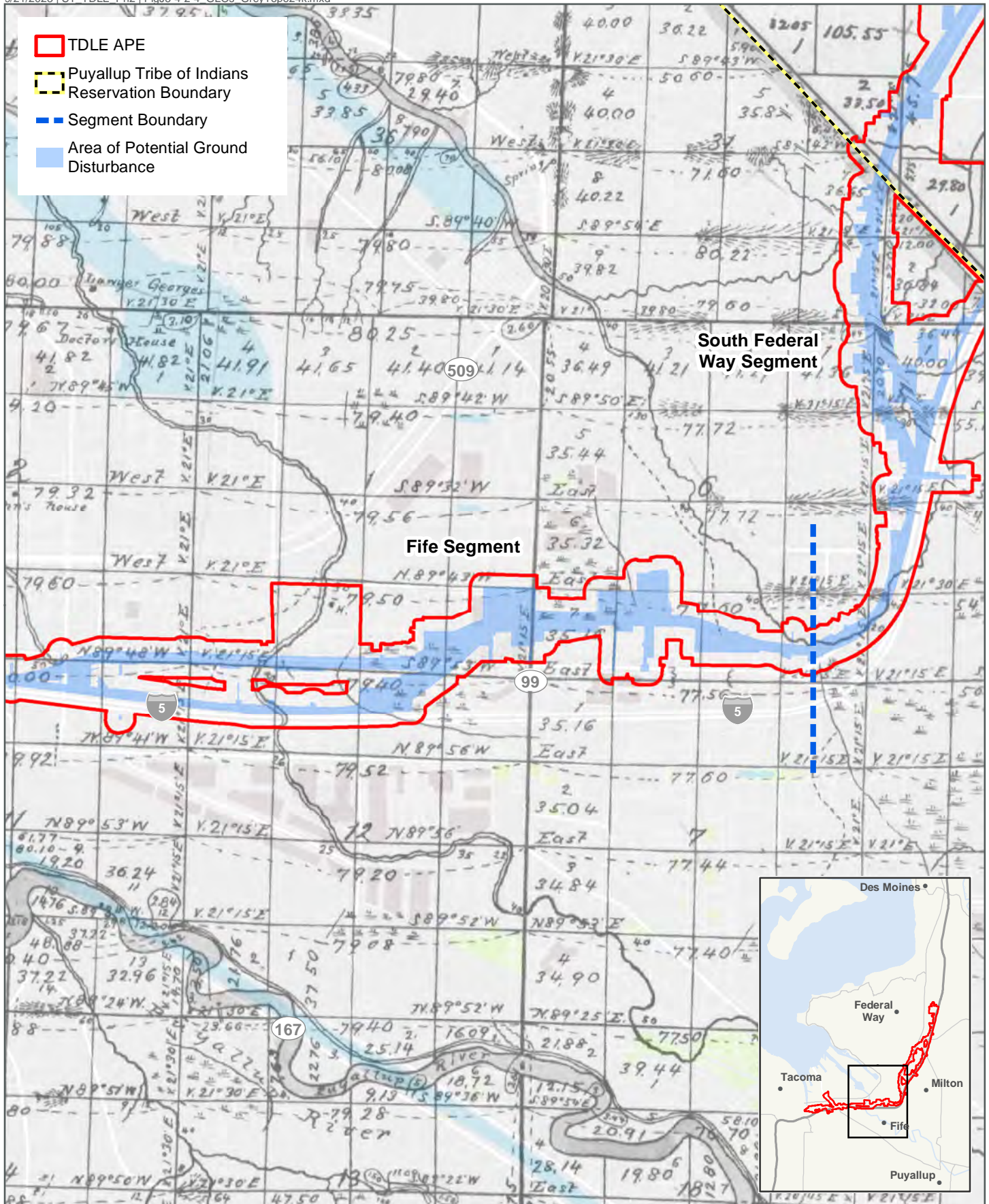
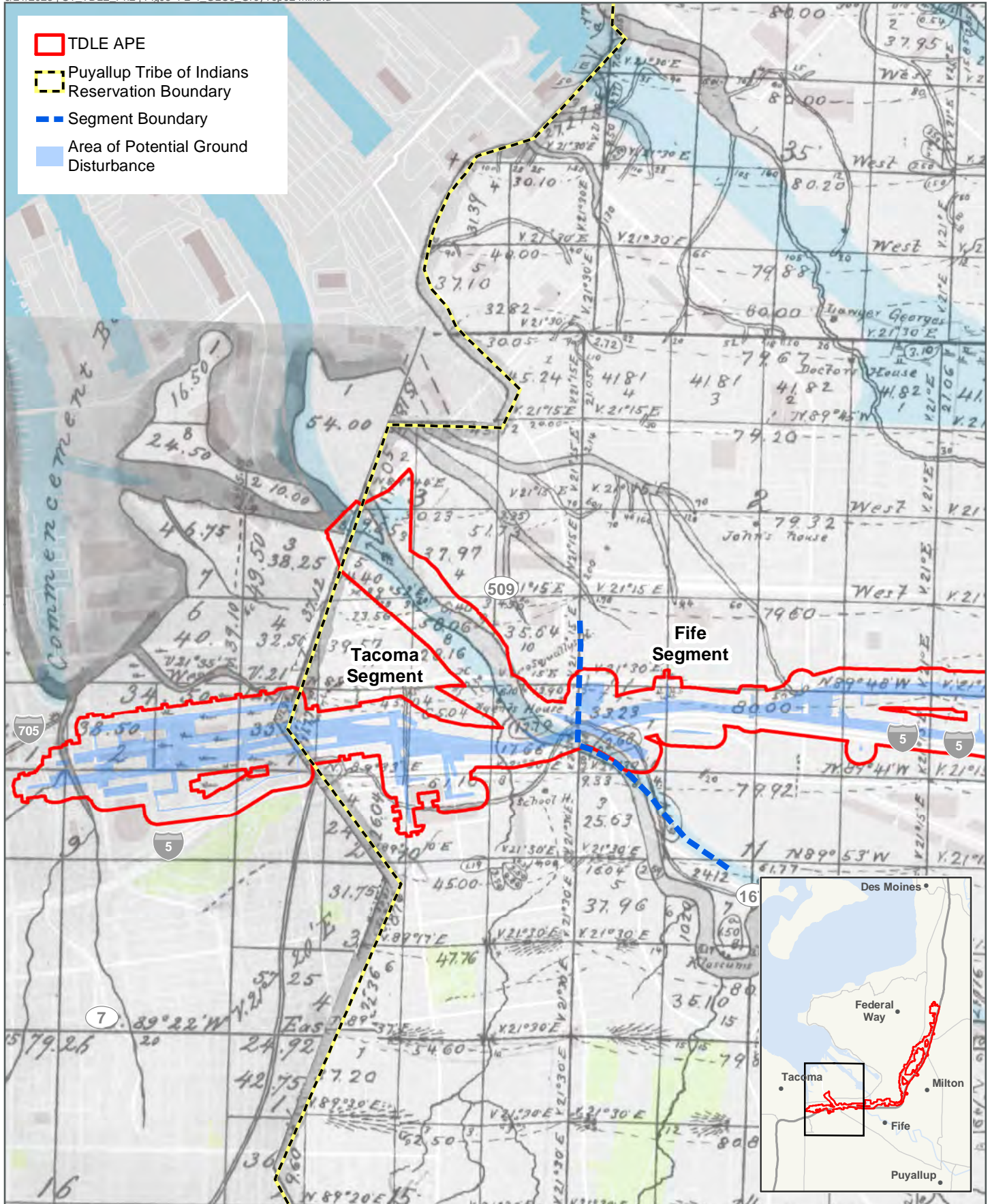


FIGURE J5.4-3
General Lands Office Plats
Fife Segment
Tacoma Dome Link Extension



Data Sources: US Department of the Interior - Bureau of Land Management: General Lands Office Records; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

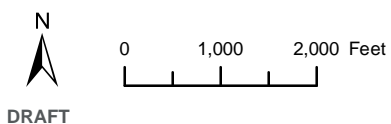
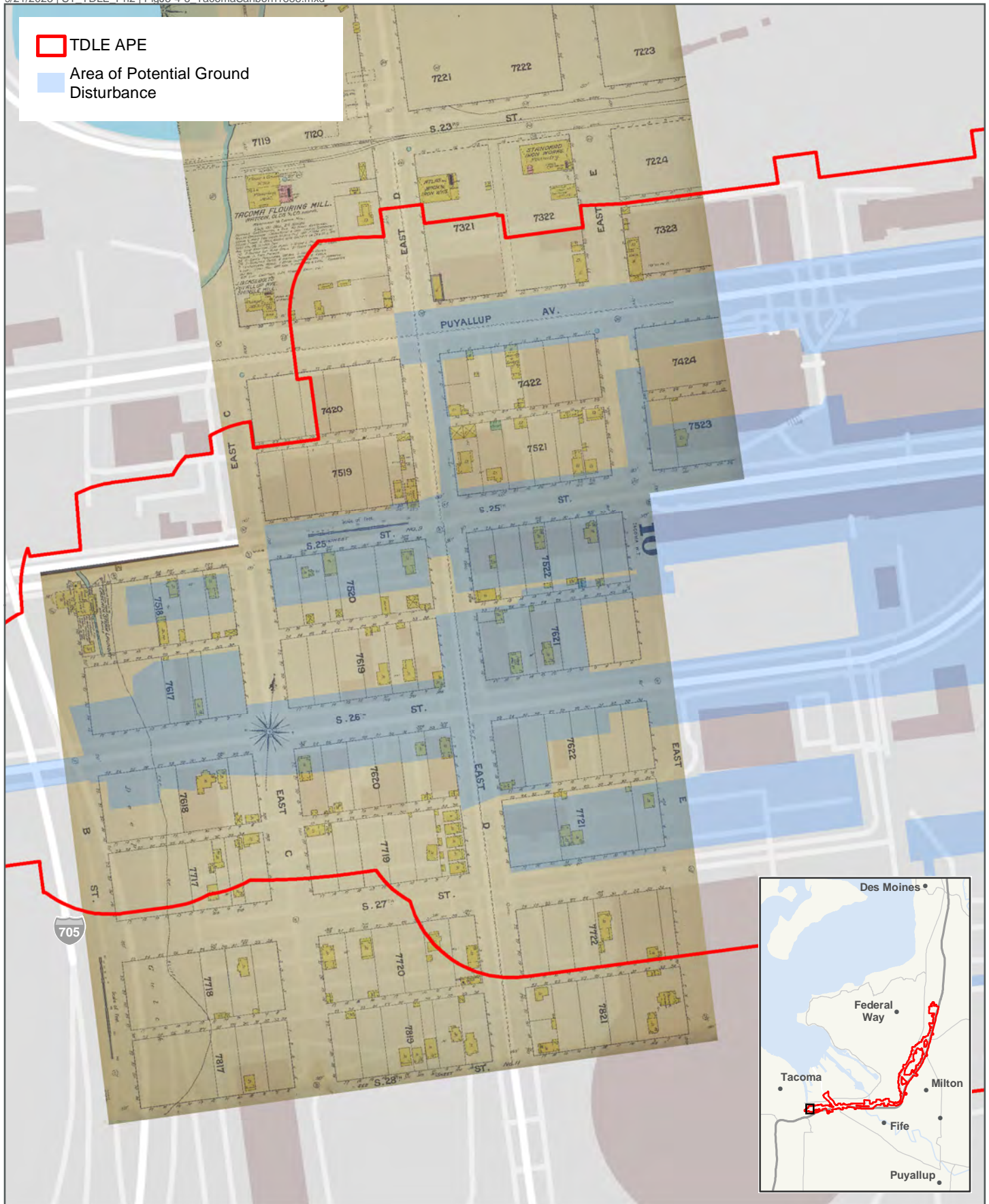


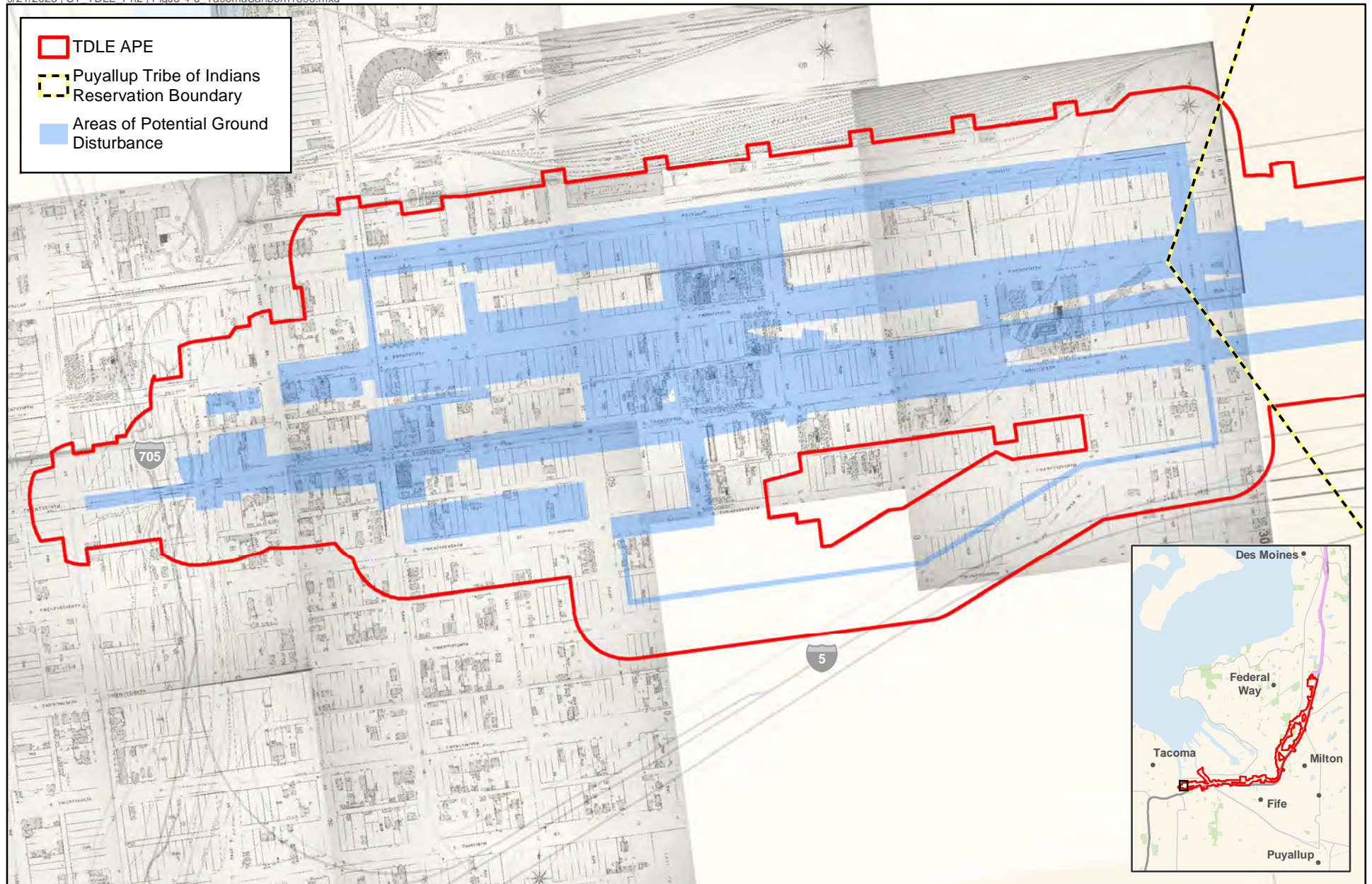
FIGURE J5.4-4
General Lands Office Plats
Tacoma Segment
Tacoma Dome Link Extension



Data Sources: Sanborn Map and Publishing Company (1888); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

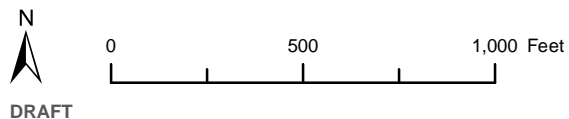


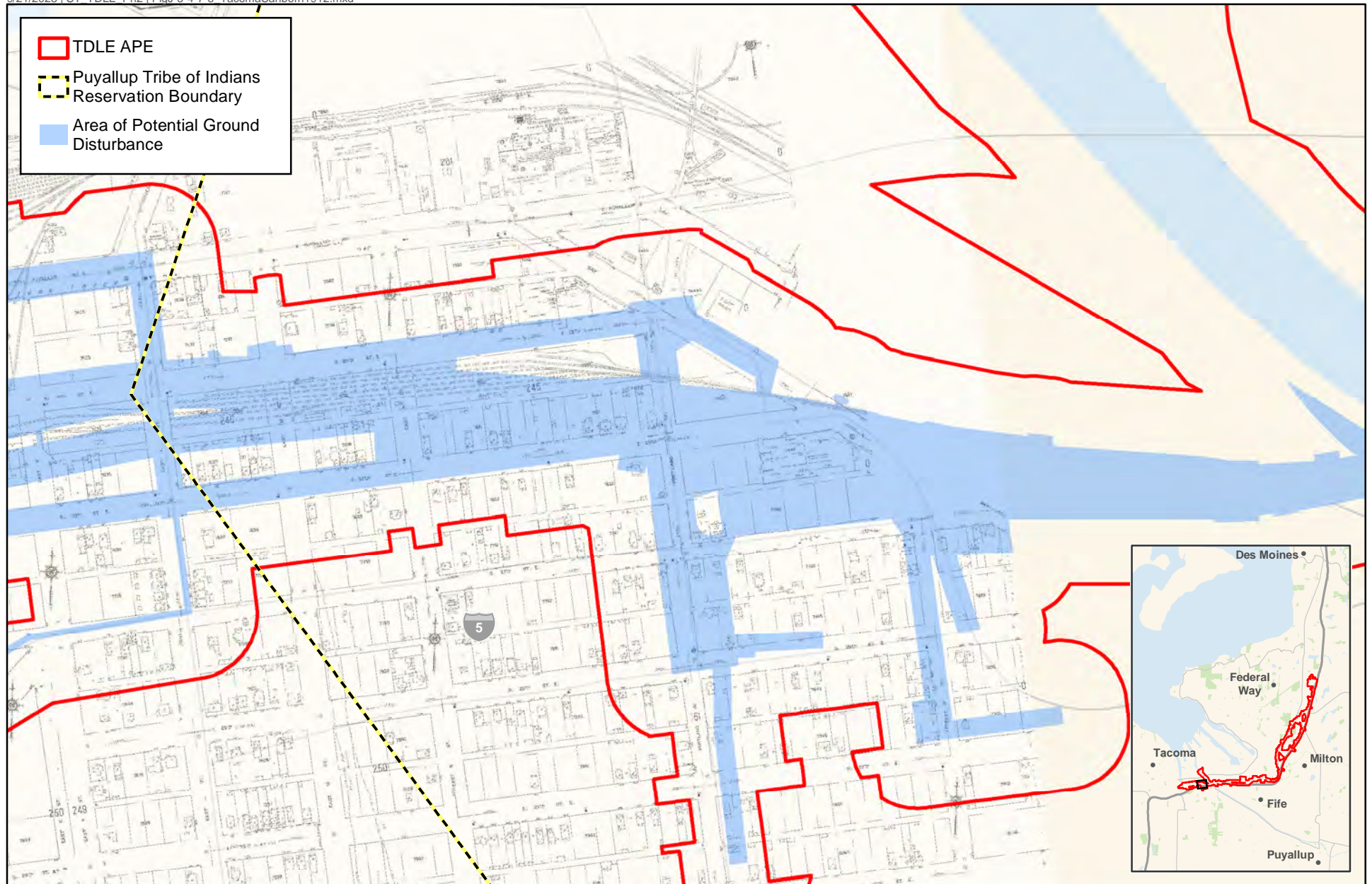
FIGURE J5.4-5
1888 Sanborn Maps of Tacoma
Within the APE
Tacoma Dome Link Extension



Data Sources: Sanborn Map and Publishing Company (1896); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-6
1896 City of Tacoma Sanborn Maps
Within and Surrounding the APE





Data Sources: Sanborn Map and Publishing Company (1912); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

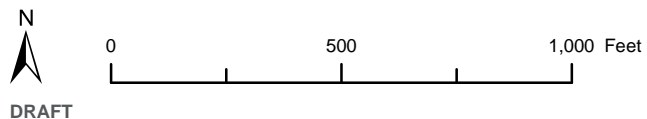
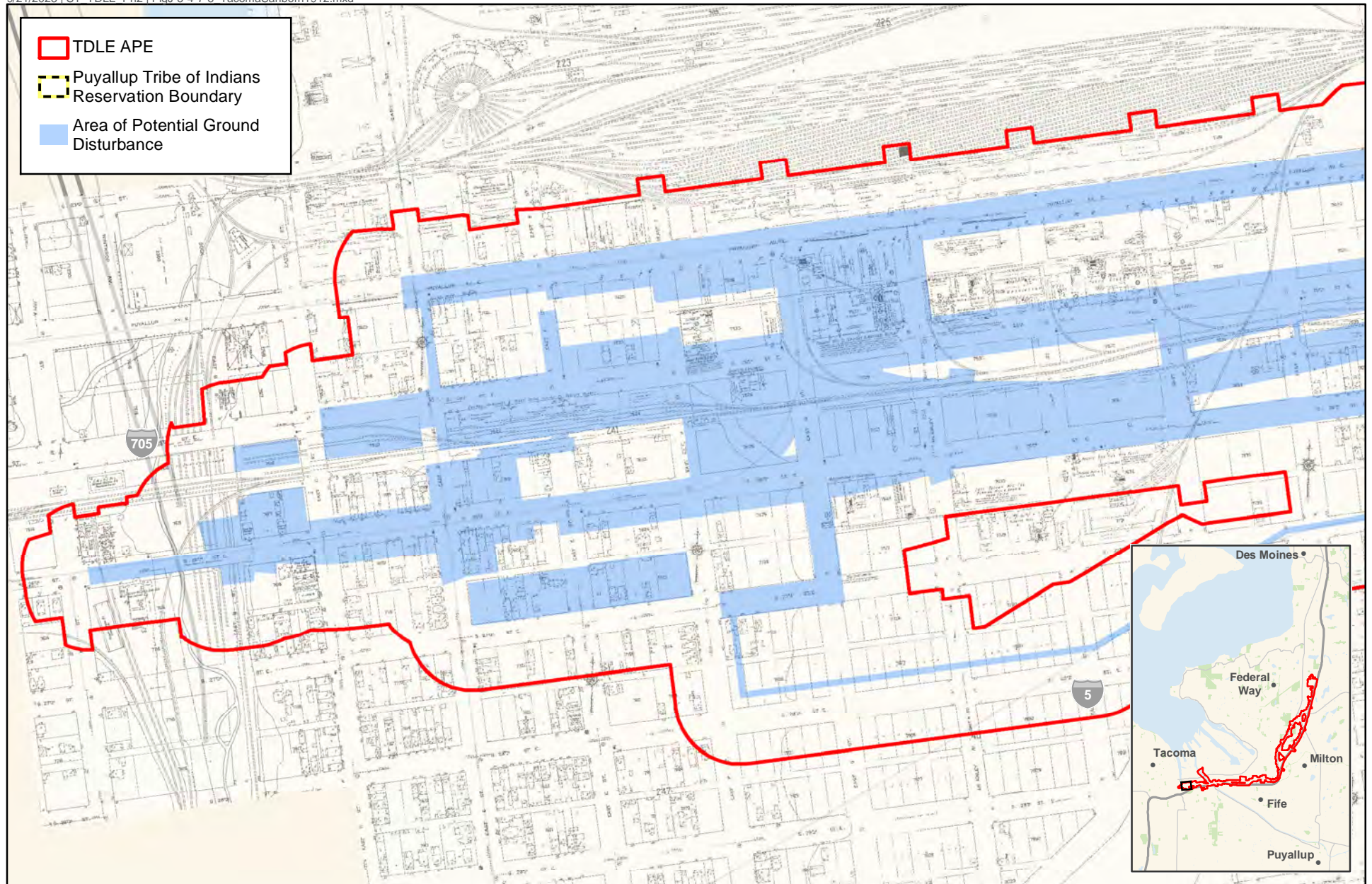


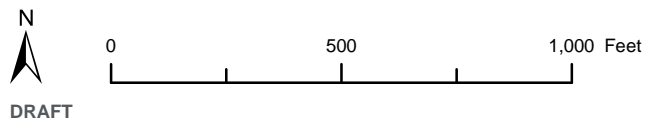
FIGURE J5.4-7
1912 City of Tacoma Sanborn Maps
Within and Surrounding the APE

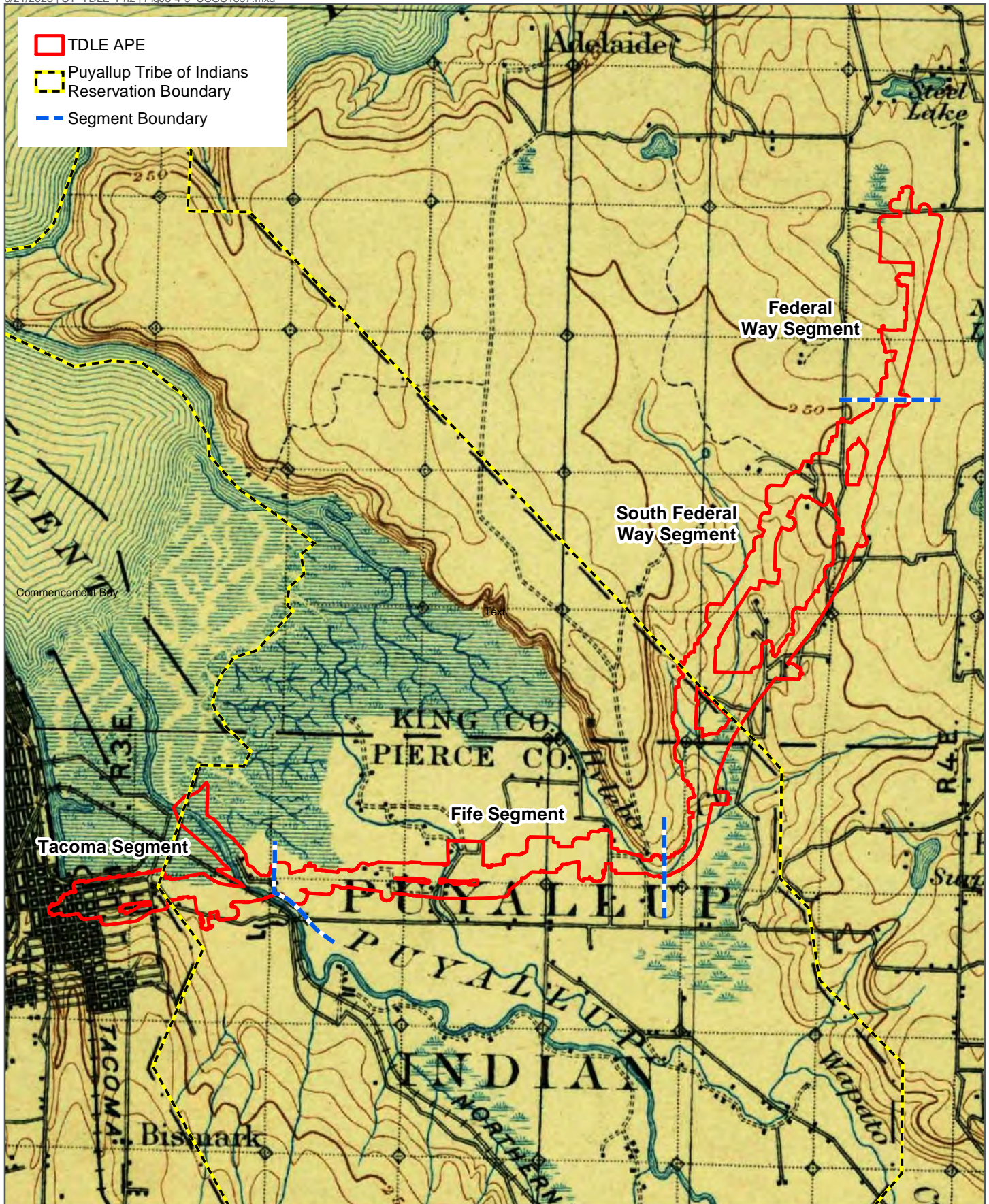
Tacoma Dome Link Extension



Data Sources: Sanborn Map and Publishing Company (1912); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-8
1912 City of Tacoma Sanborn Maps
Within and Surrounding the APE

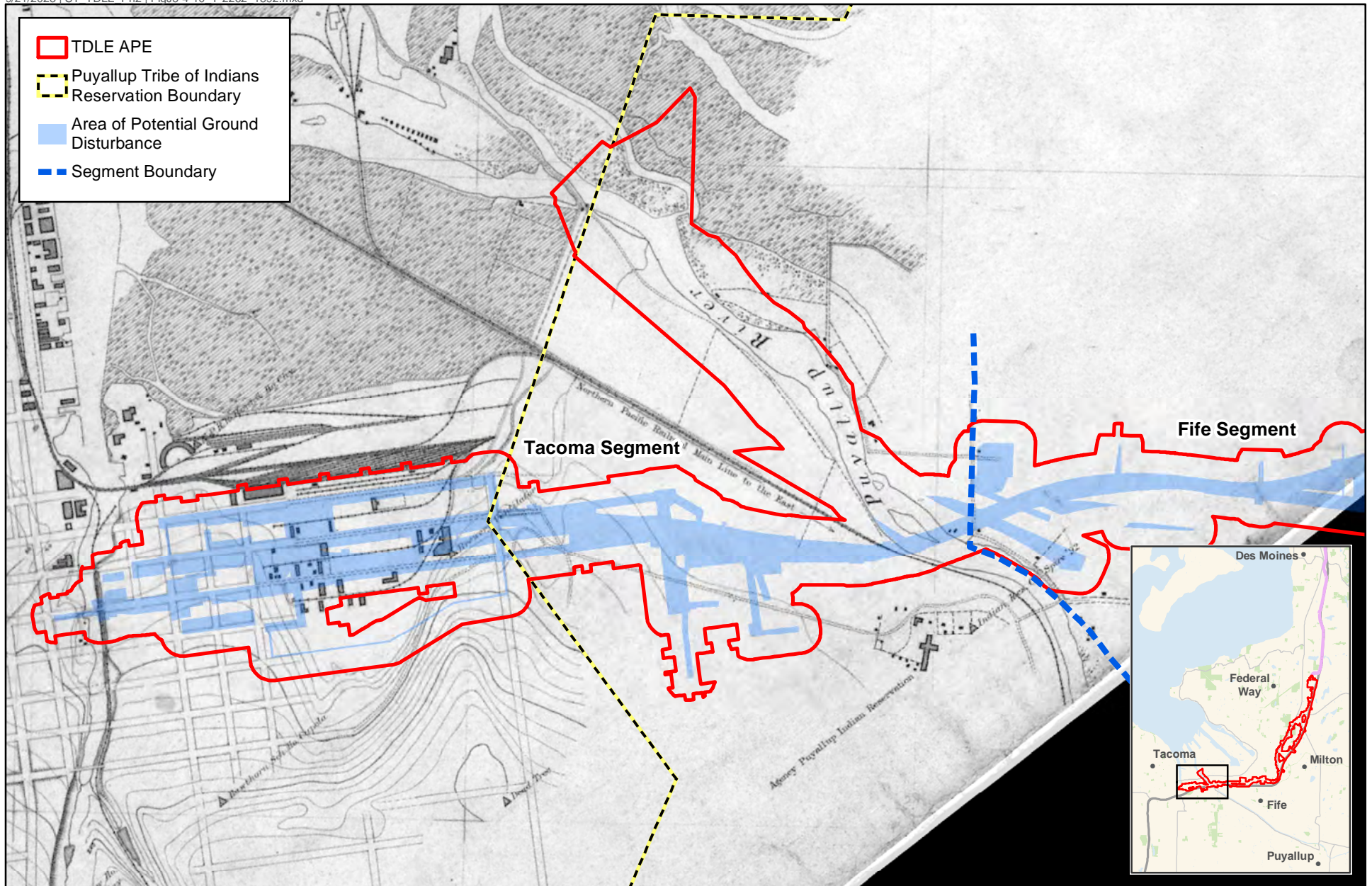




Data Sources: USGS; King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-9
1897 USGS Map Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: National Oceanic and Atmospheric Administration; King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

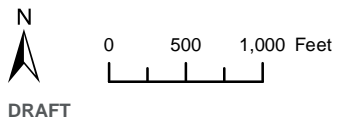
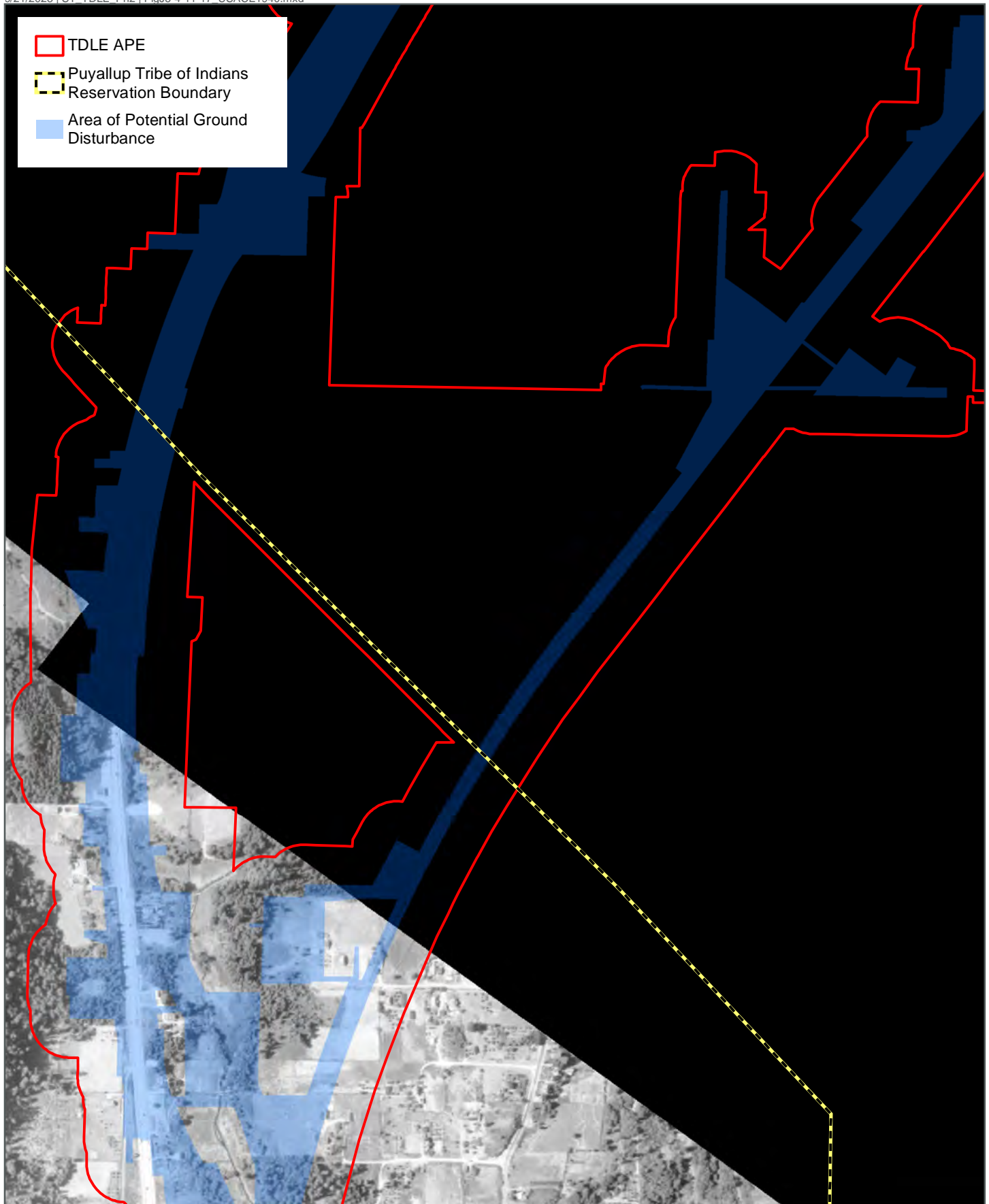


FIGURE J5.4-10
1892 T-2262 Map Within
and Surrounding the APE

Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

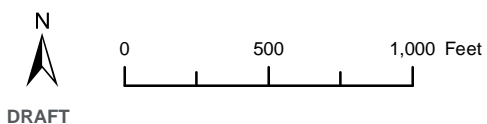
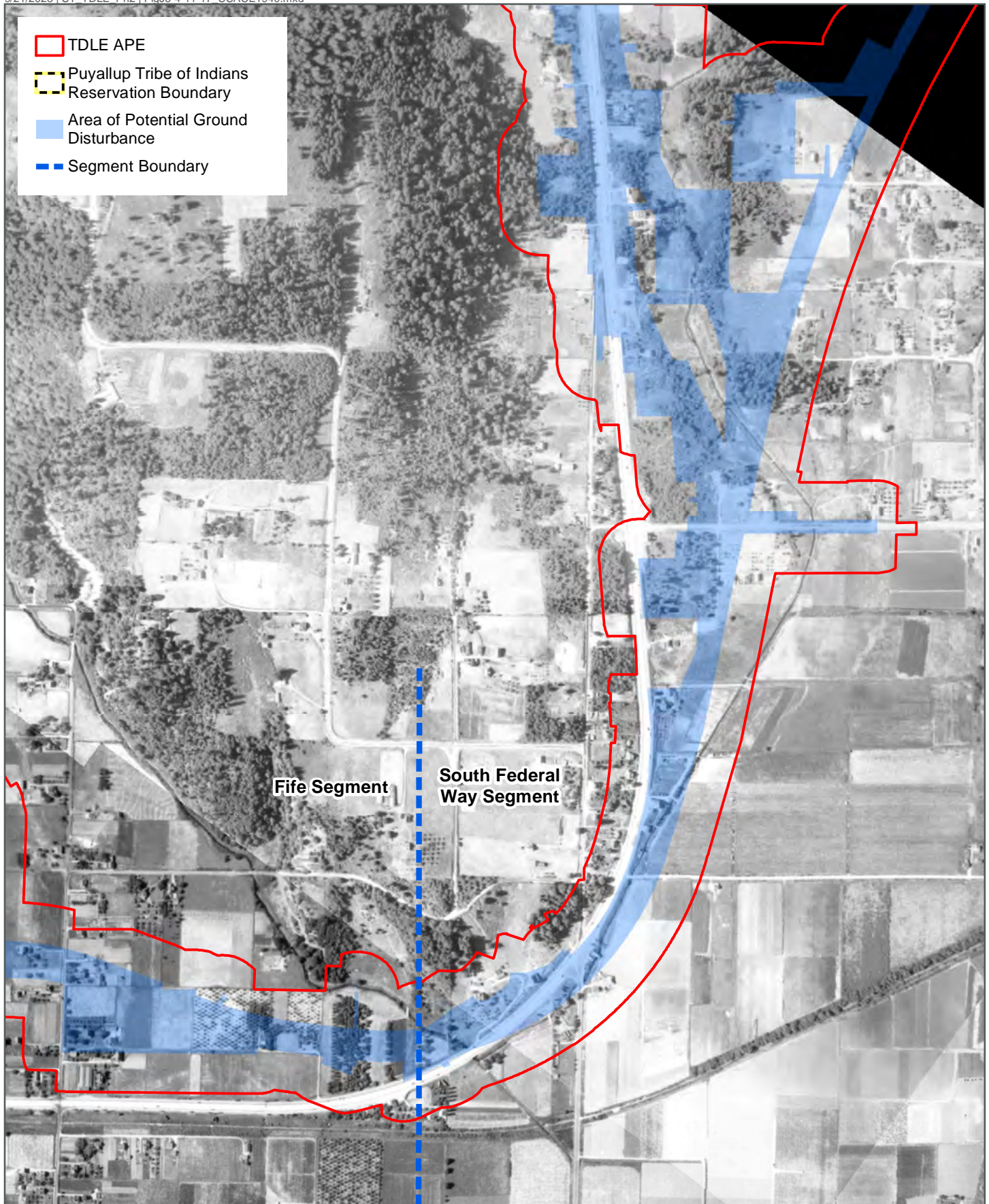


FIGURE J5.4-11
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension

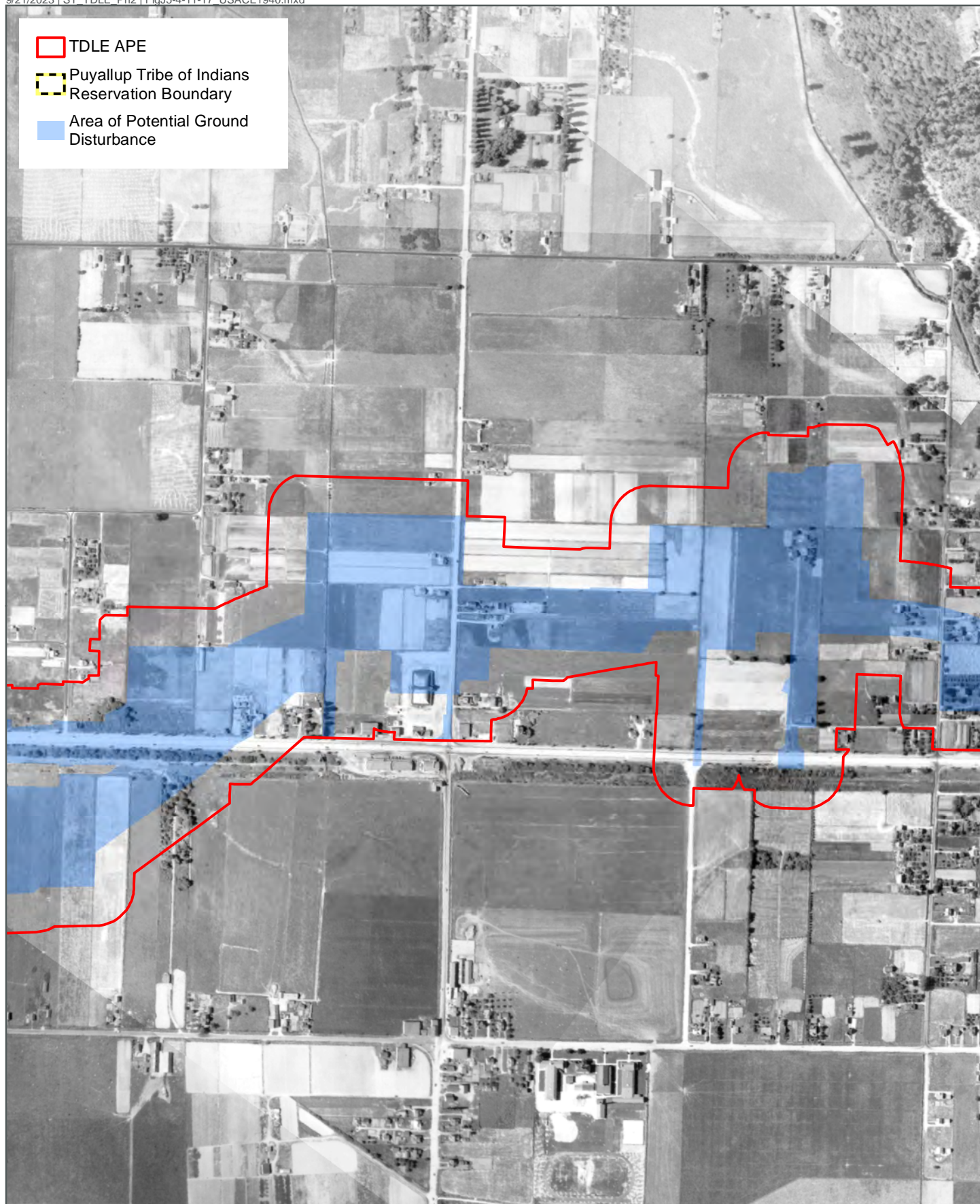


Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



DRAFT

FIGURE J5.4-12
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

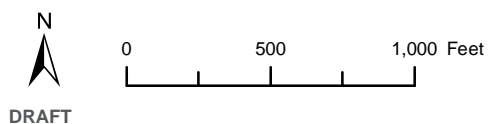
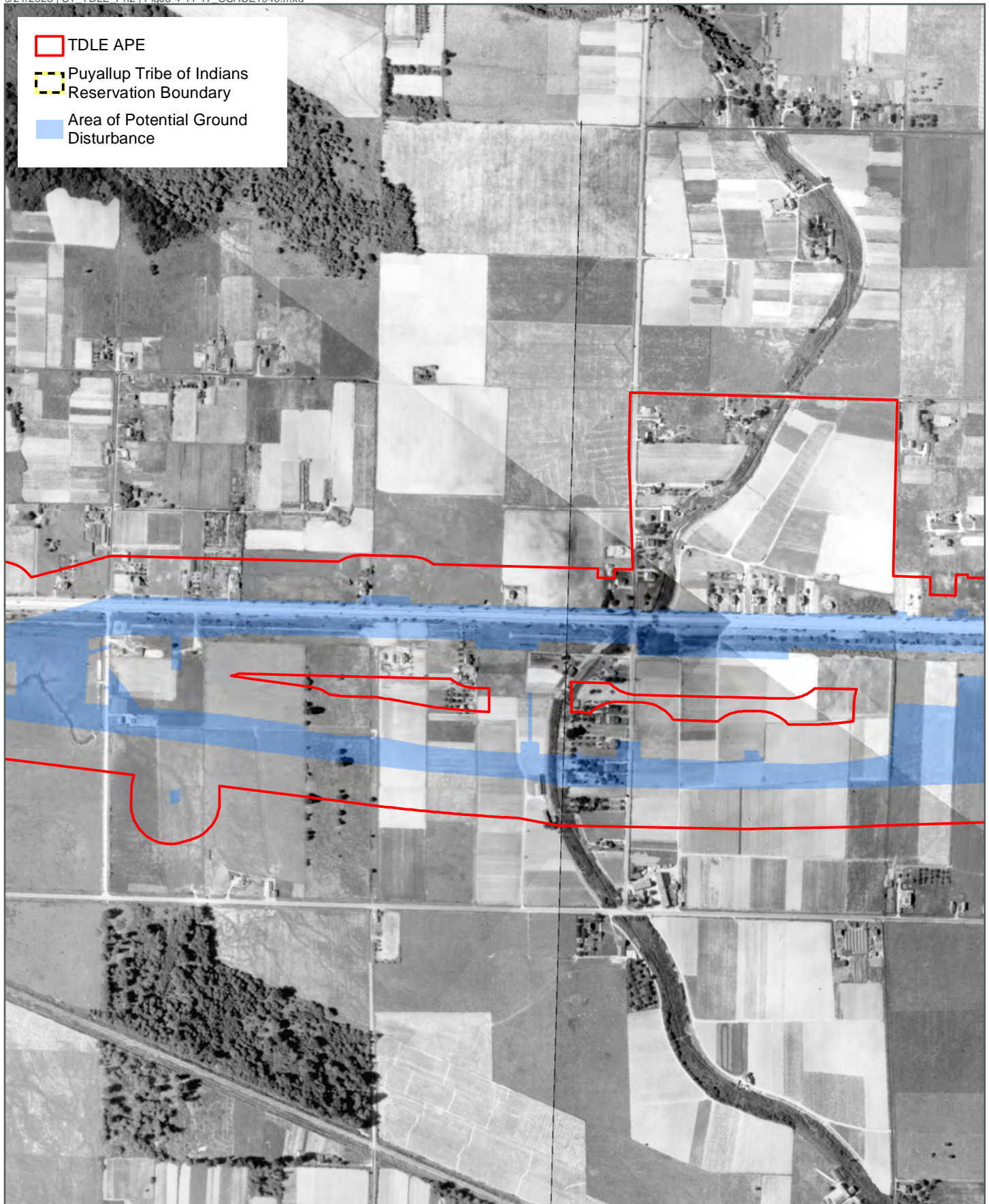


FIGURE J5.4-13
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

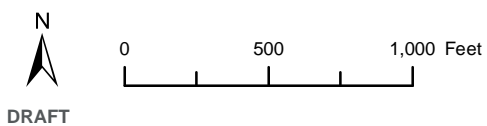
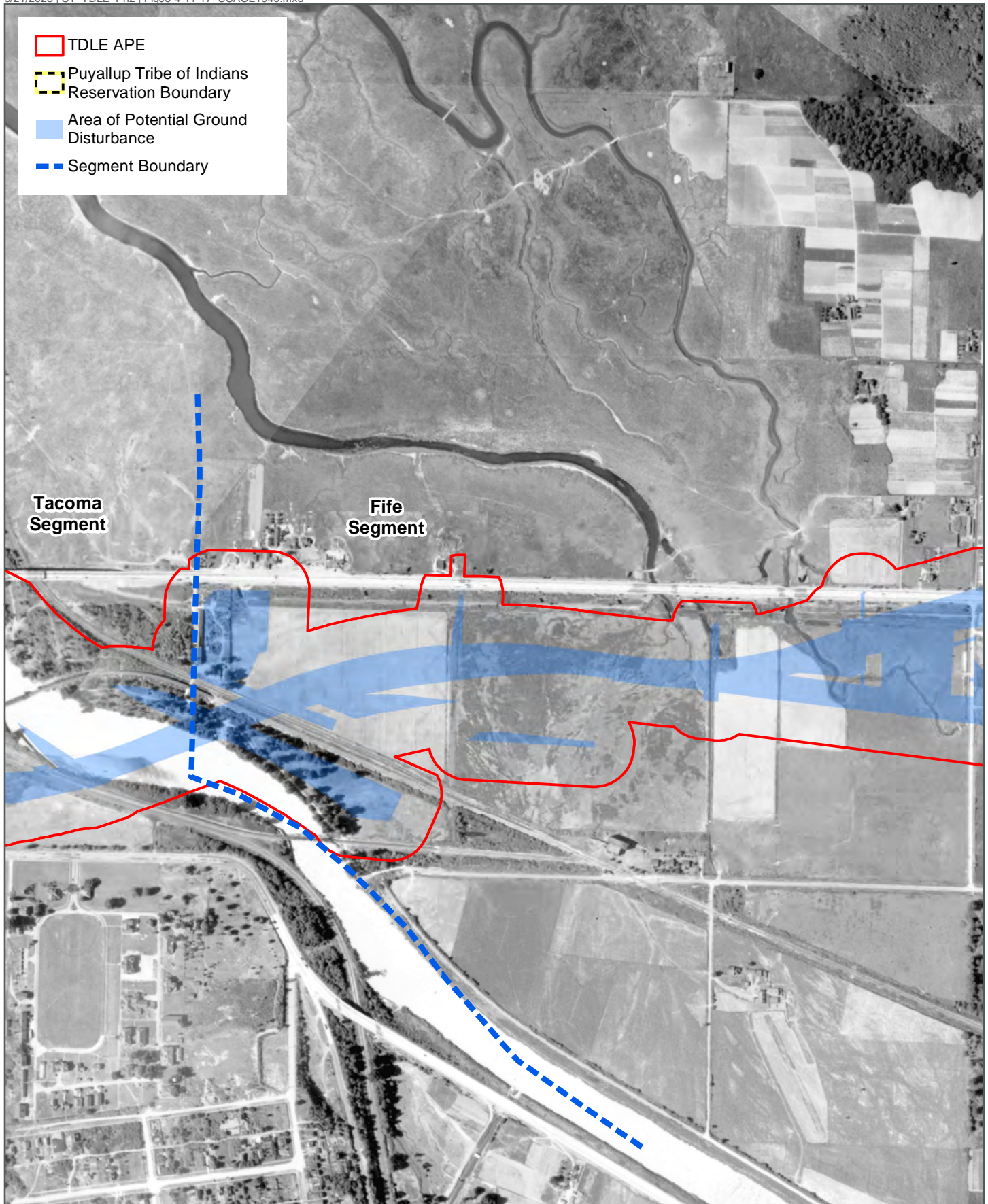


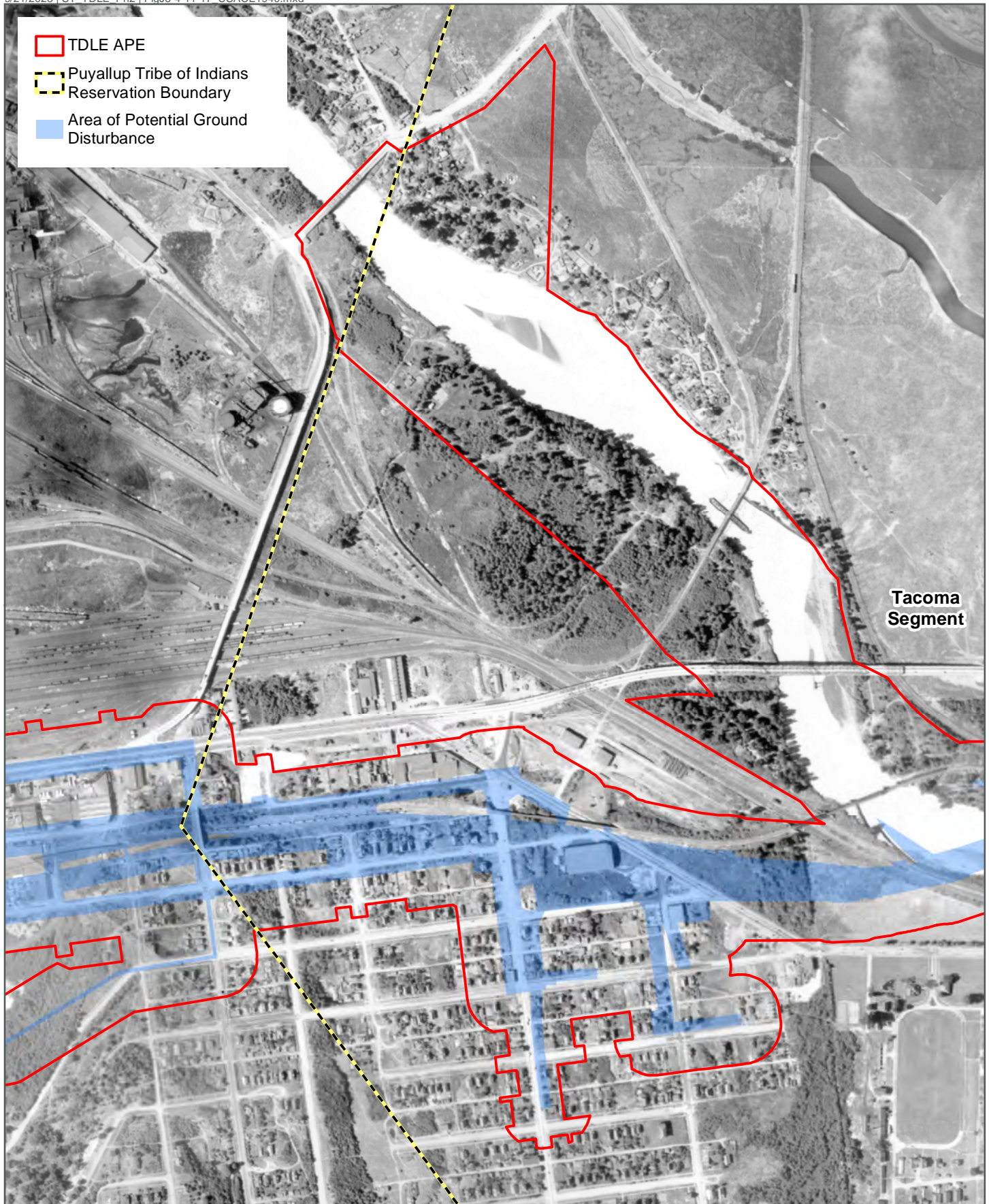
FIGURE J5.4-14
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-15
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940);
King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-16
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: U.S. Army Corps of Engineers (1940); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

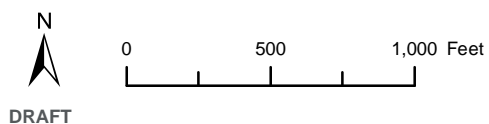
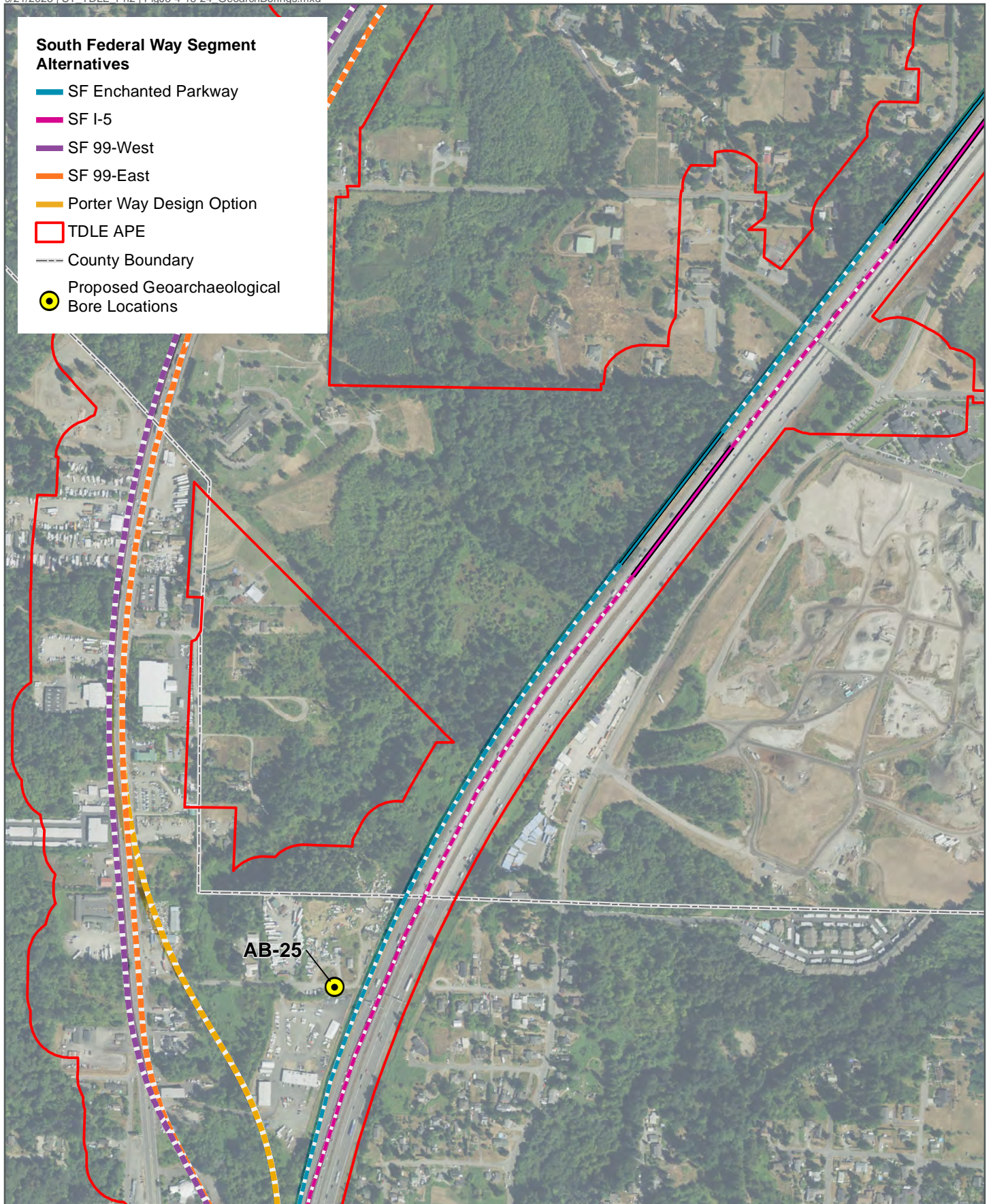


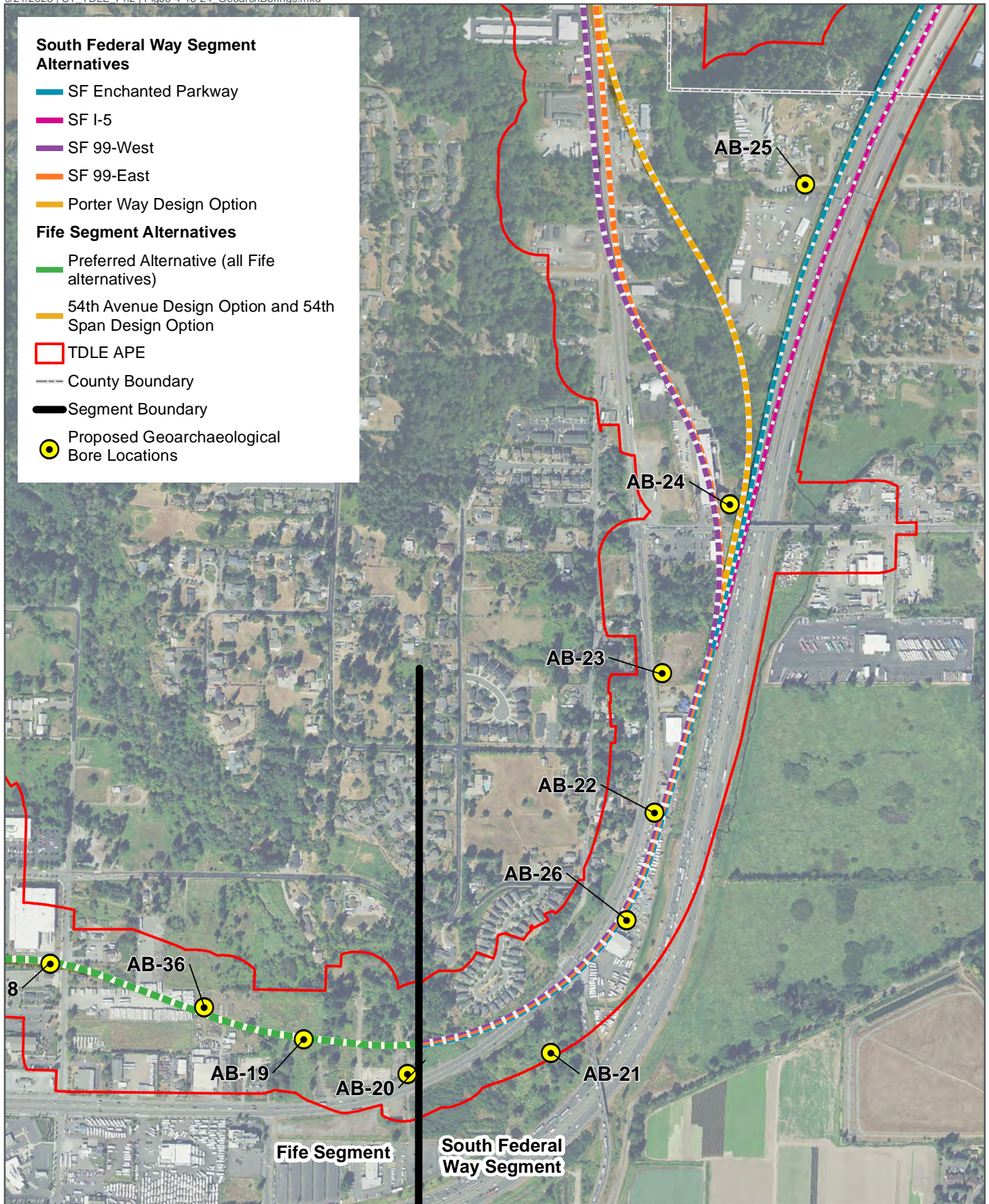
FIGURE J5.4-17
1940 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

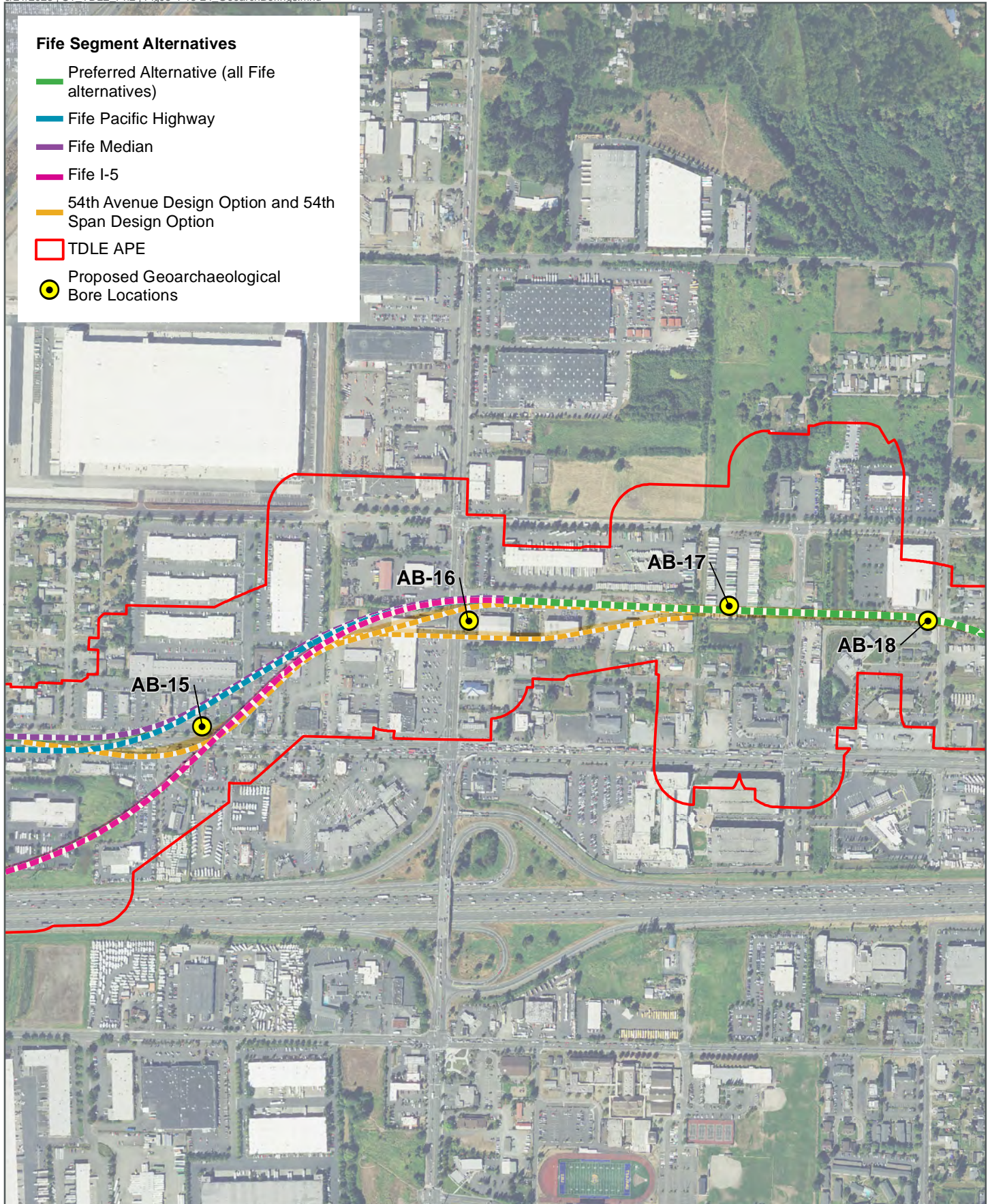


FIGURE J5.4-18
 APE and Proposed
 Geoarchaeological Bore Locations
 Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-19
 APE and Proposed
 Geoarchaeological Bore Locations
 Tacoma Dome Link Extension



Fife Segment Alternatives

- Preferred Alternative (all Fife alternatives)
- Fife Pacific Highway
- Fife Median
- Fife I-5
- 54th Avenue Design Option and 54th Span Design Option
- TDLE APE
- Proposed Geoarchaeological Bore Locations

Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

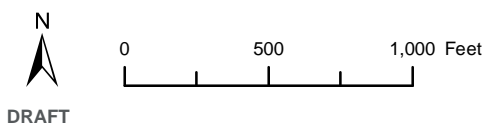
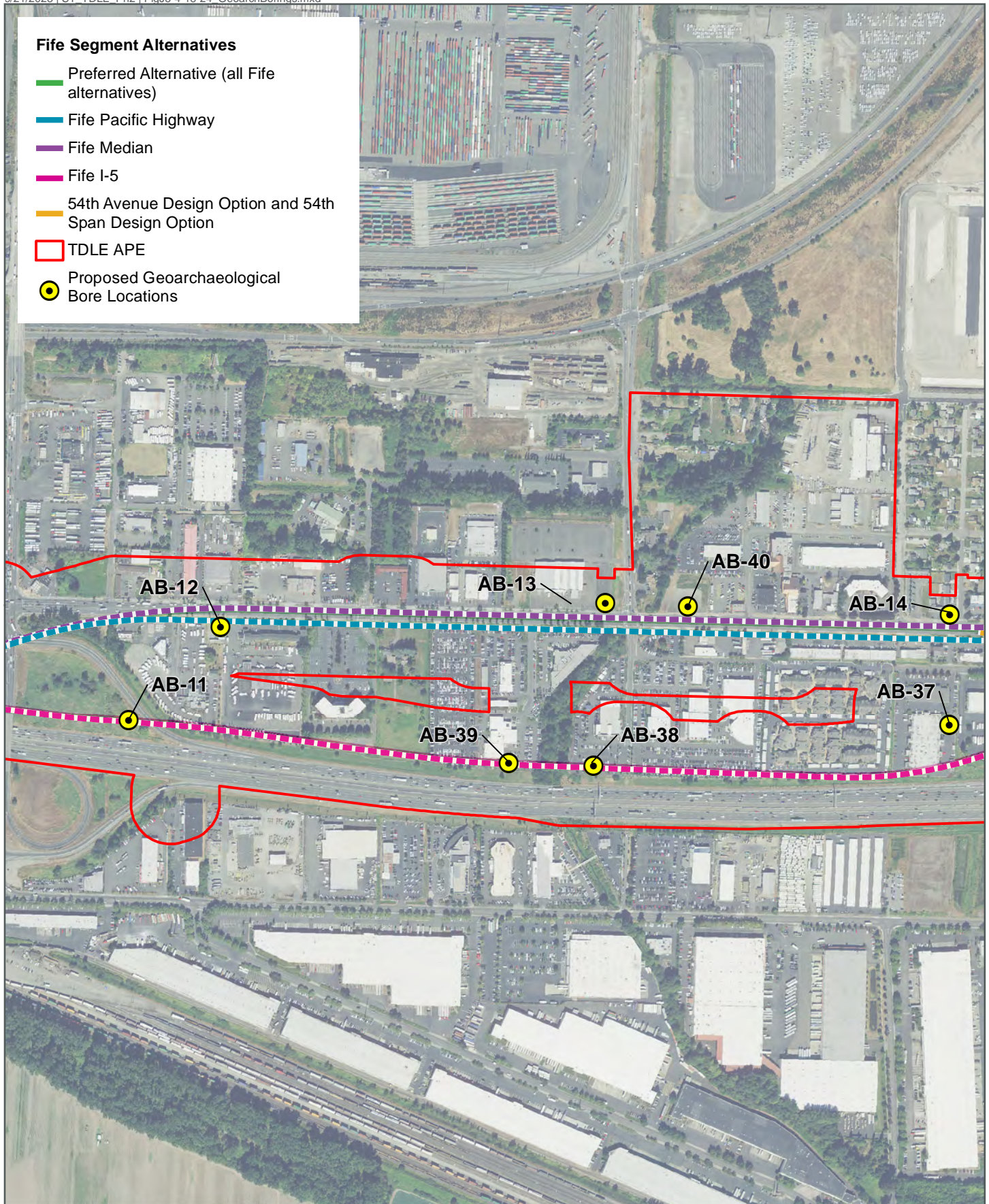


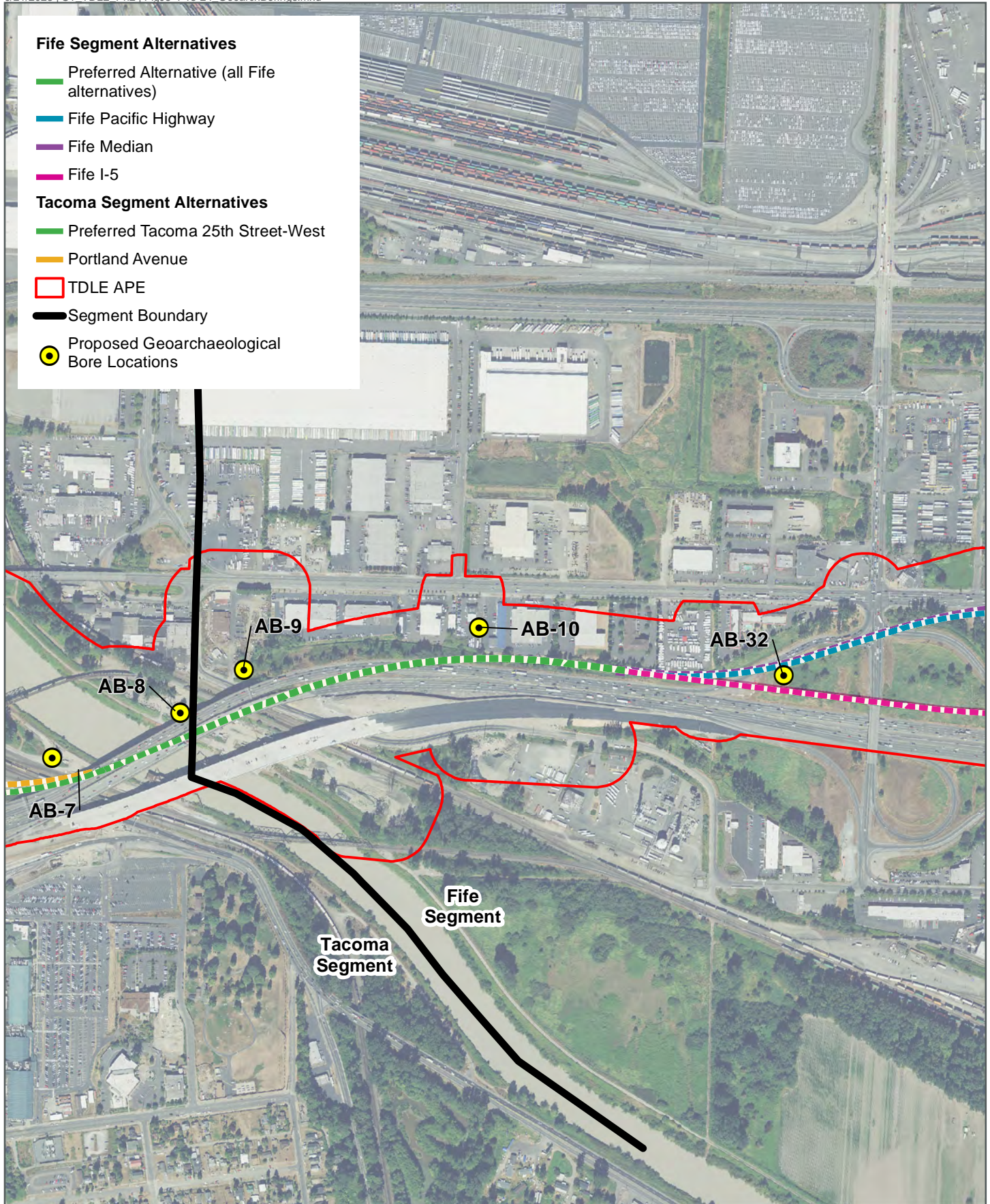
FIGURE J5.4-20
 APE and Proposed
 Geoarchaeological Bore Locations
Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-21
 APE and Proposed
 Geoarchaeological Bore Locations
 Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

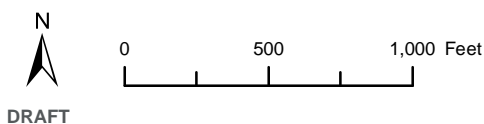
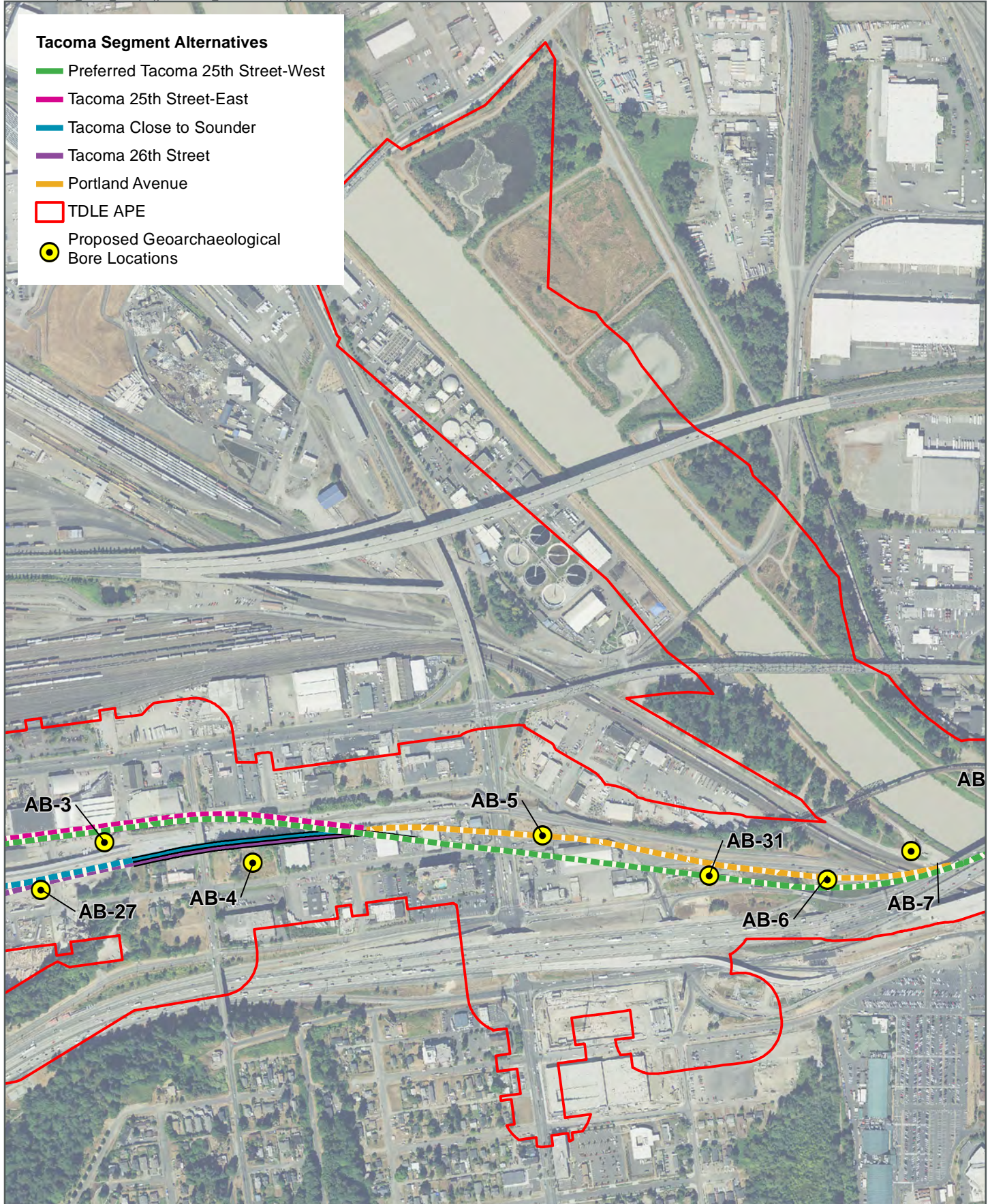


FIGURE J5.4-22
 APE and Proposed
 Geoarchaeological Bore Locations
 Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

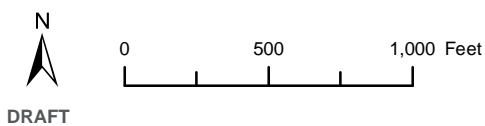
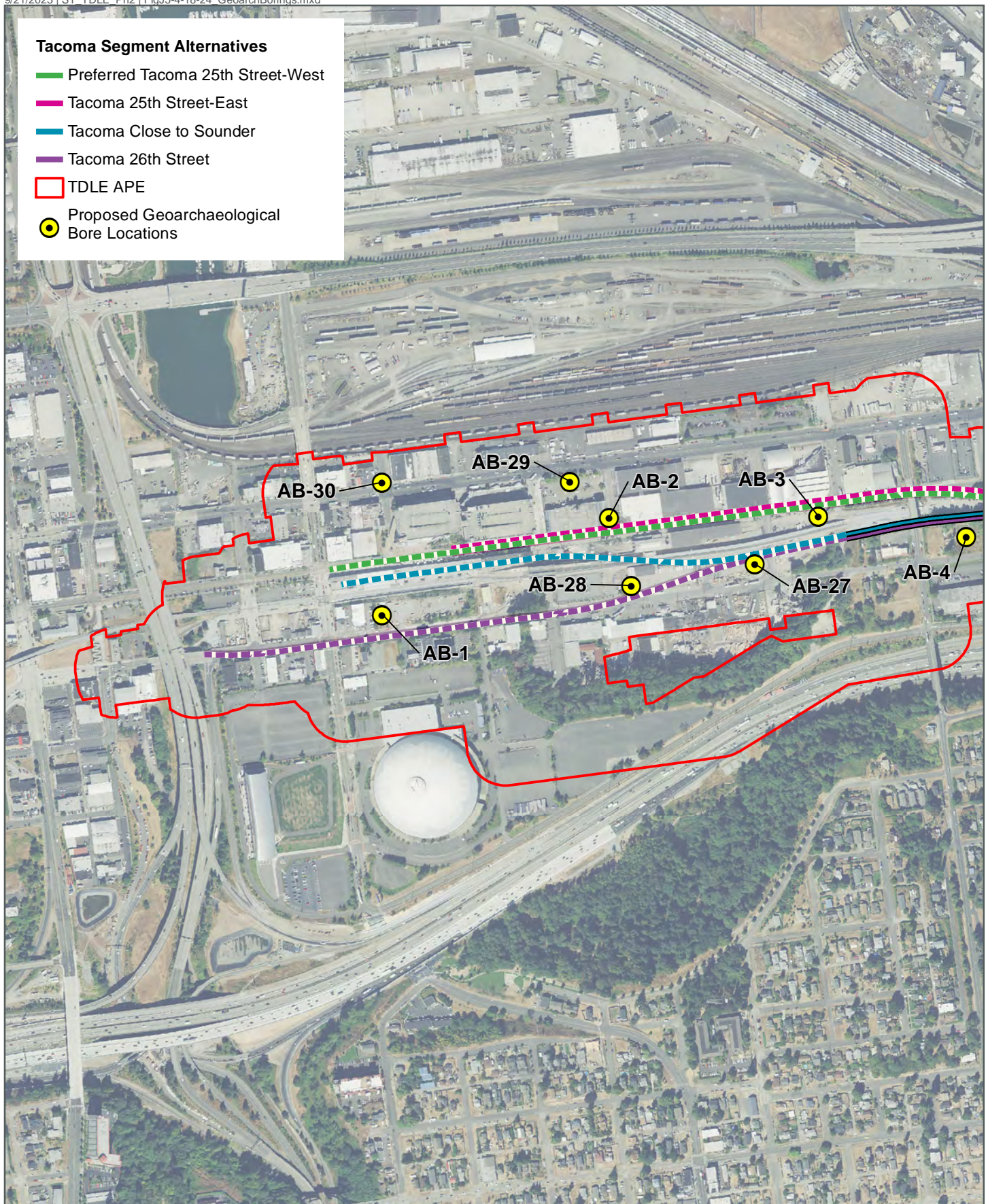
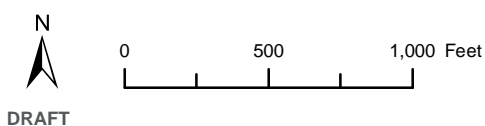


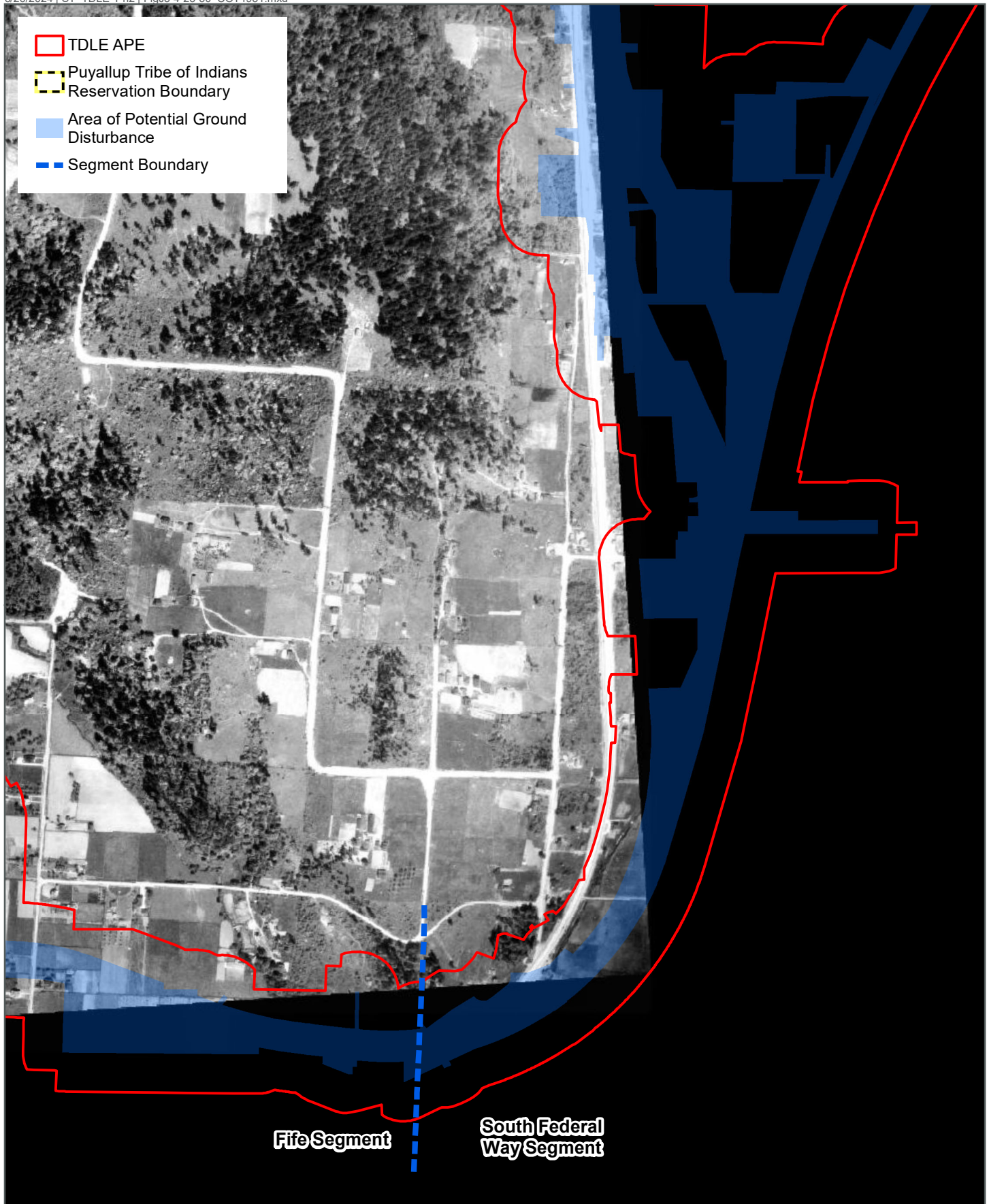
FIGURE J5.4-23
 APE and Proposed
 Geoarchaeological Bore Locations
 Tacoma Dome Link Extension



Data Sources: King and Pierce County, Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-24
 APE and Proposed
 Geoarchaeological Bore Locations
Tacoma Dome Link Extension





Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

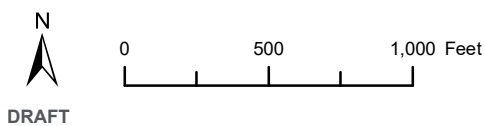


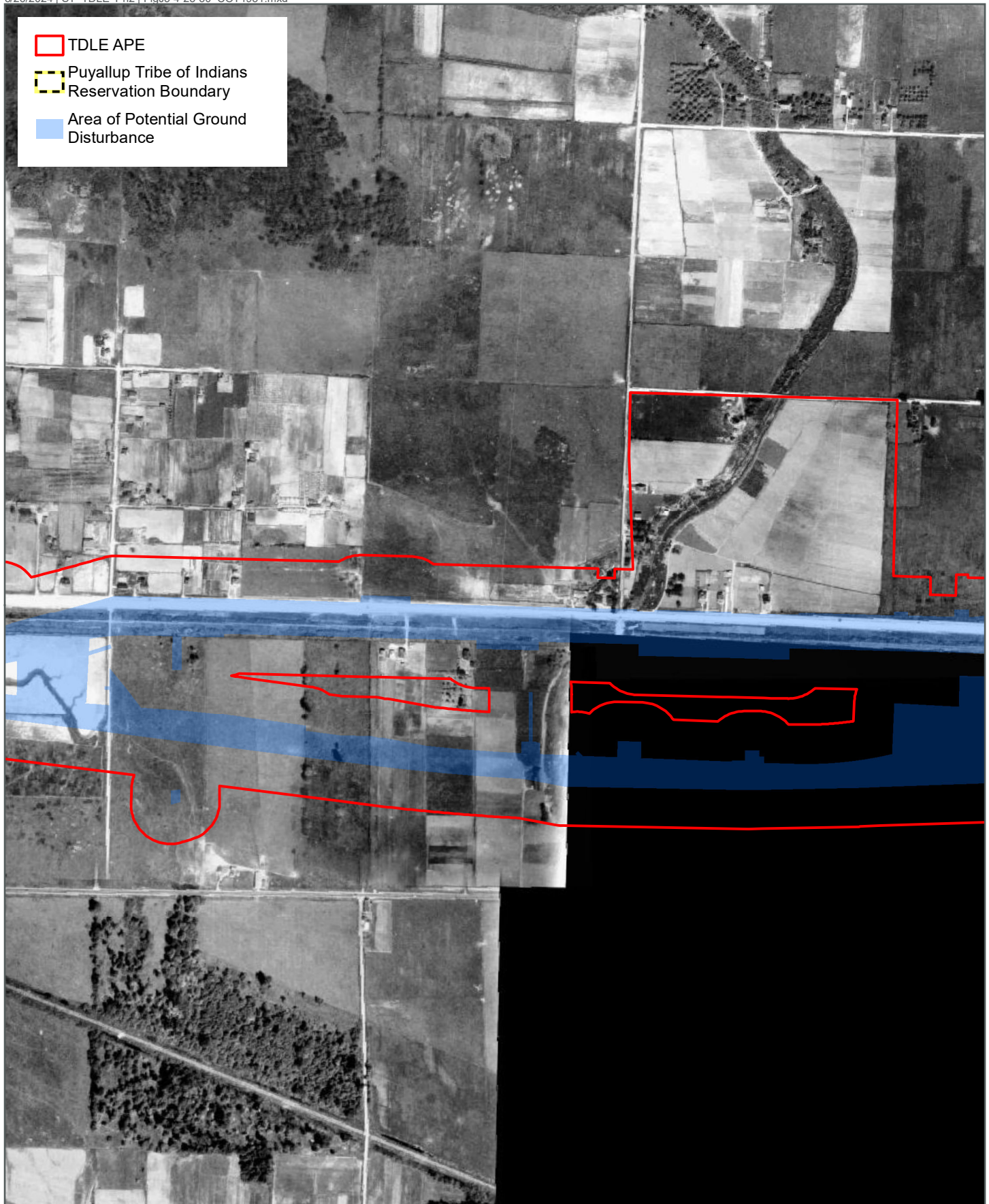
FIGURE J5.4-25
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-26
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

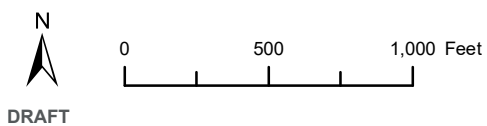
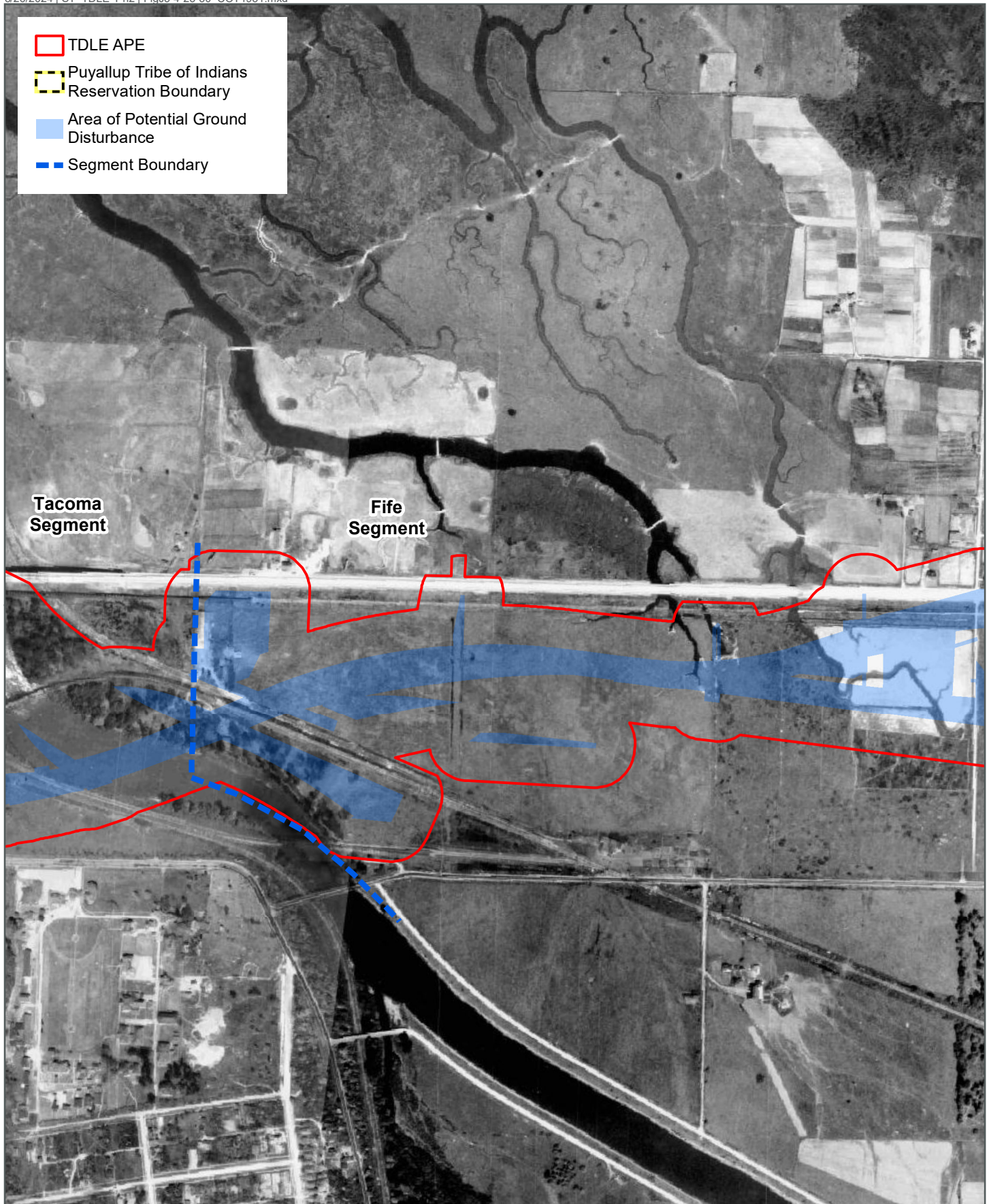


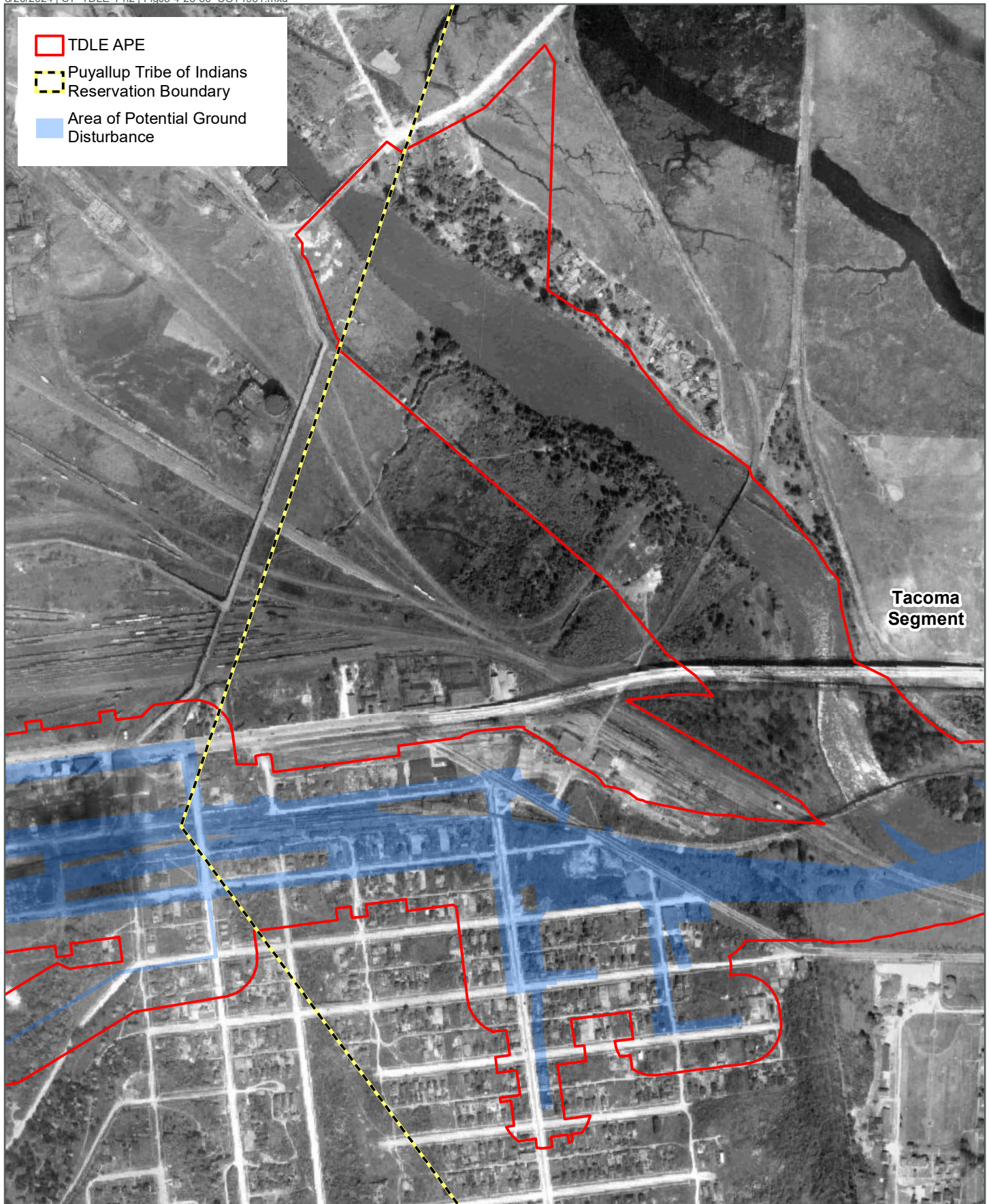
FIGURE J5.4-27
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-28
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

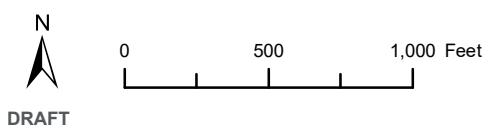


FIGURE J5.4-29
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1931); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

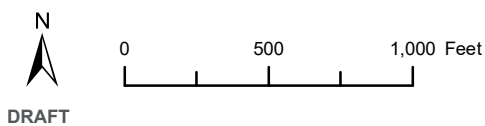
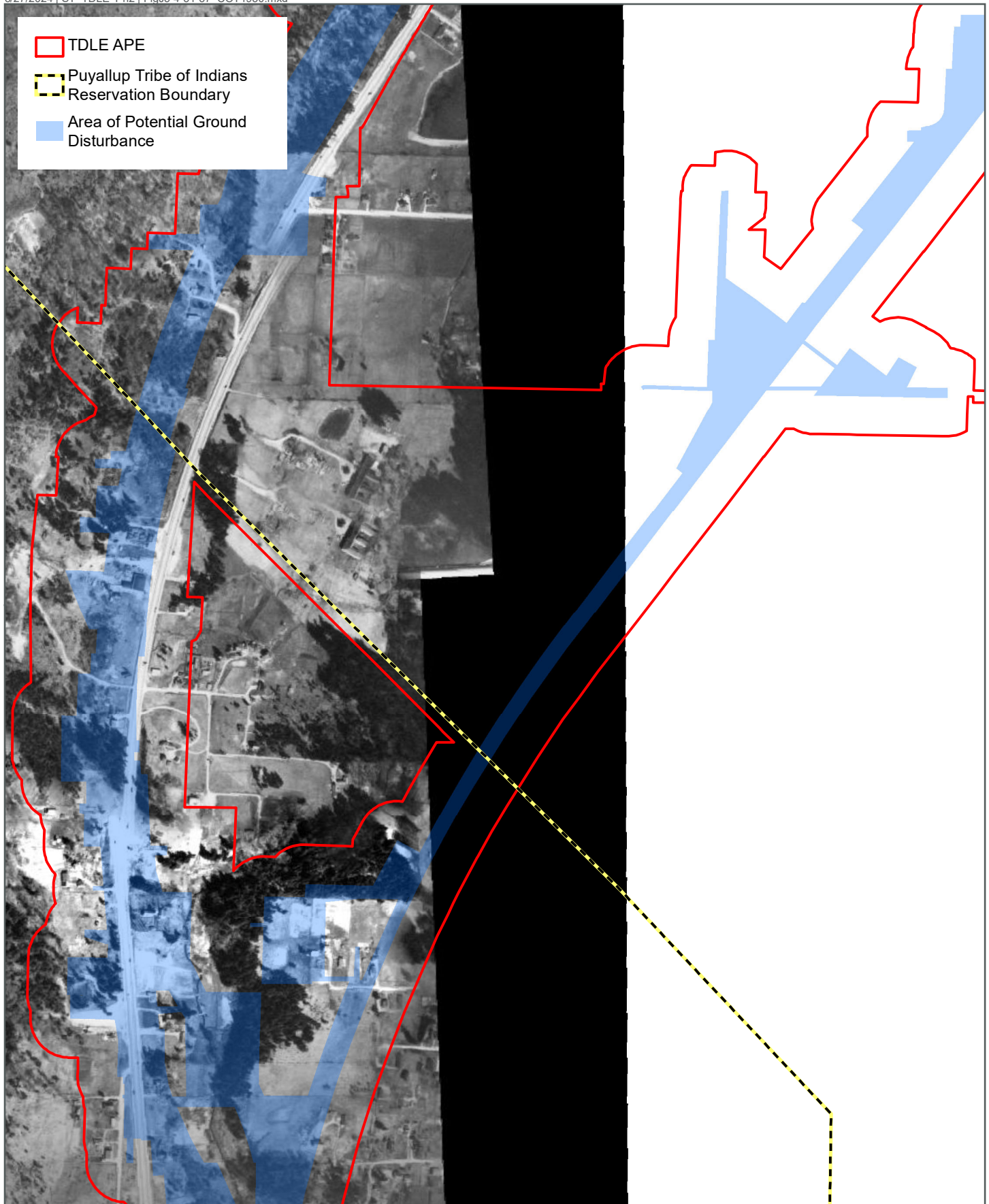
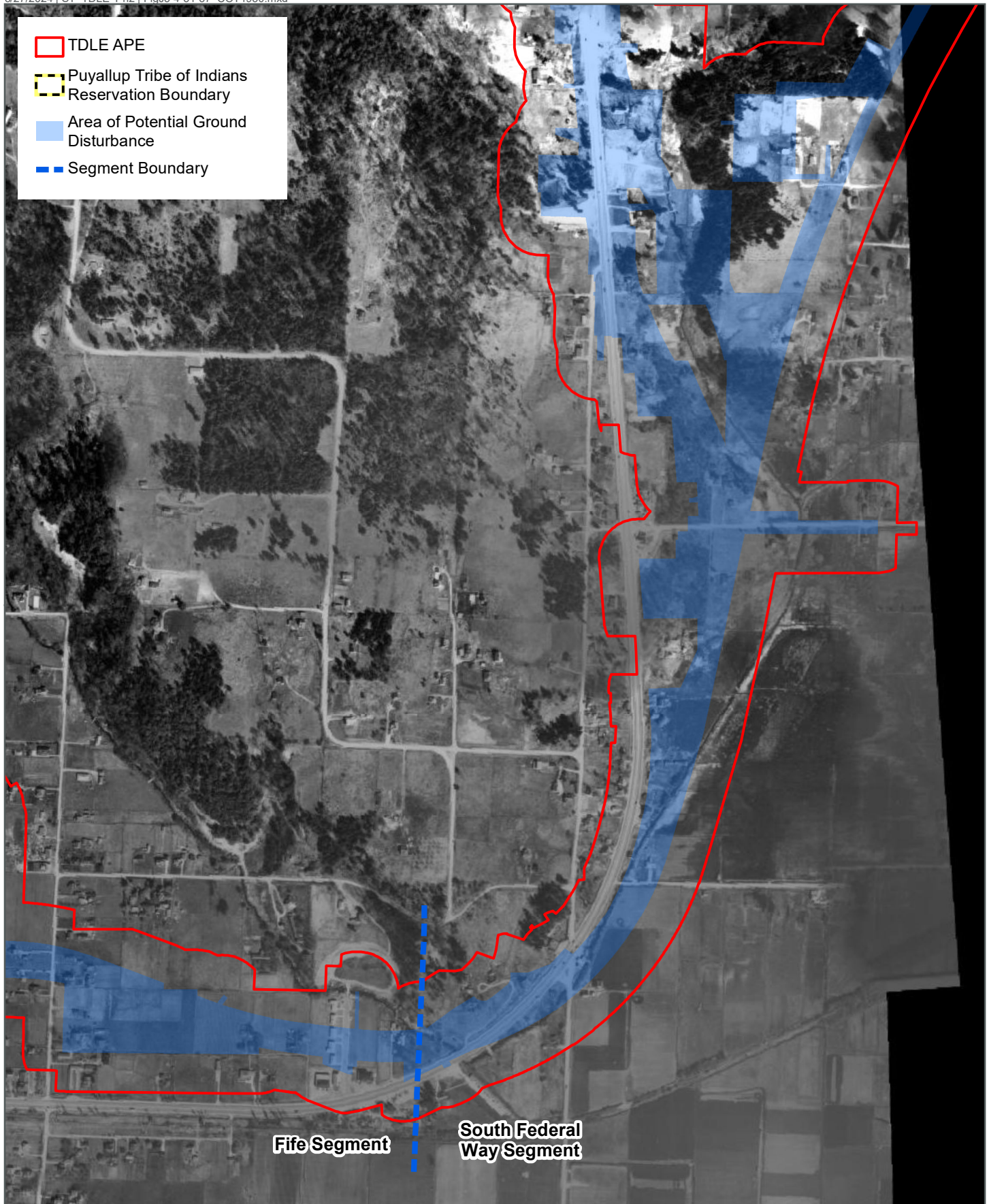


FIGURE J5.4-30
1931 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-31
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

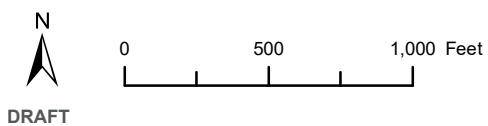


FIGURE J5.4-32
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

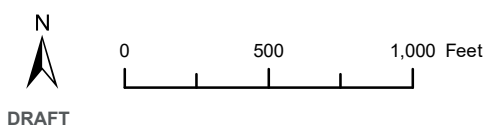
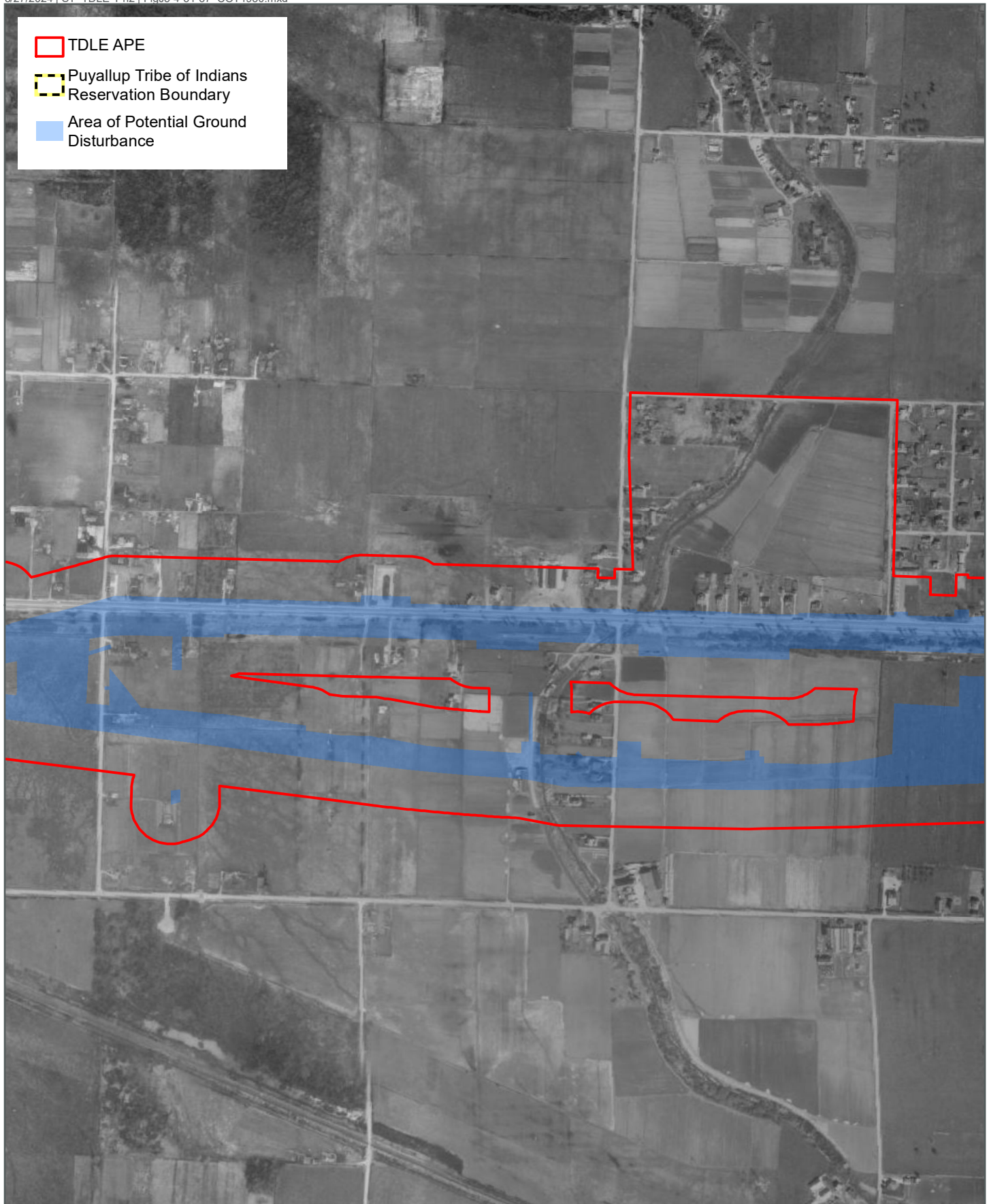


FIGURE J5.4-33
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

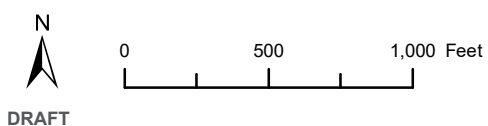
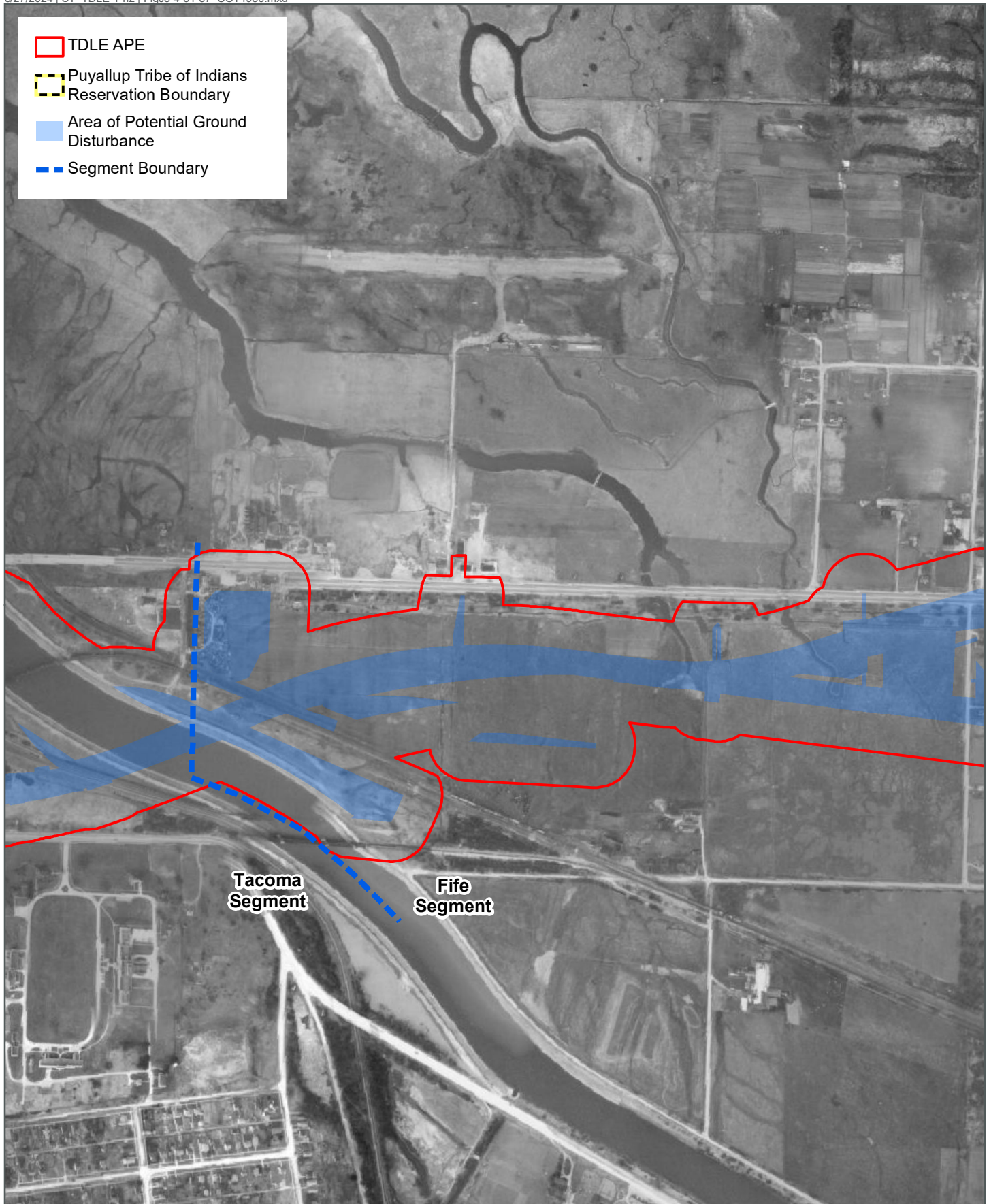


FIGURE J5.4-34
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

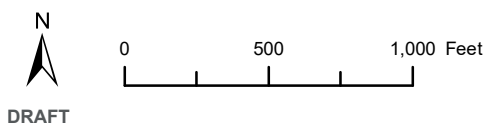
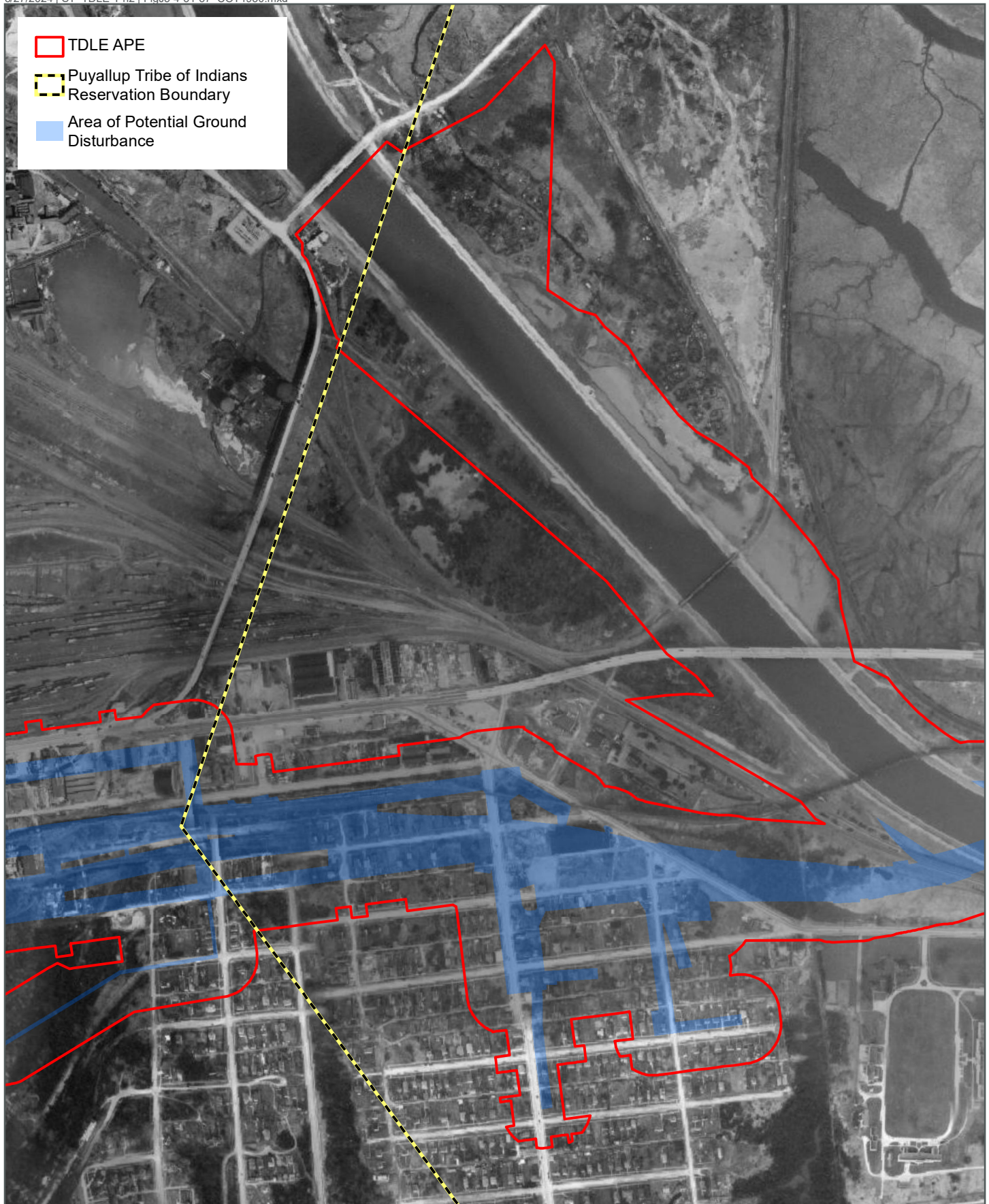


FIGURE J5.4-35
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

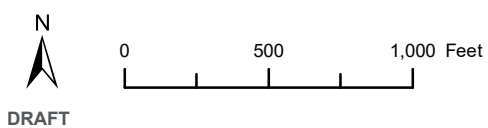


FIGURE J5.4-36
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1950); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

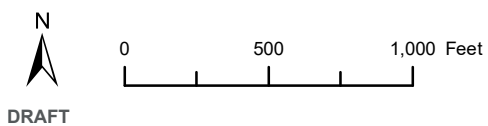
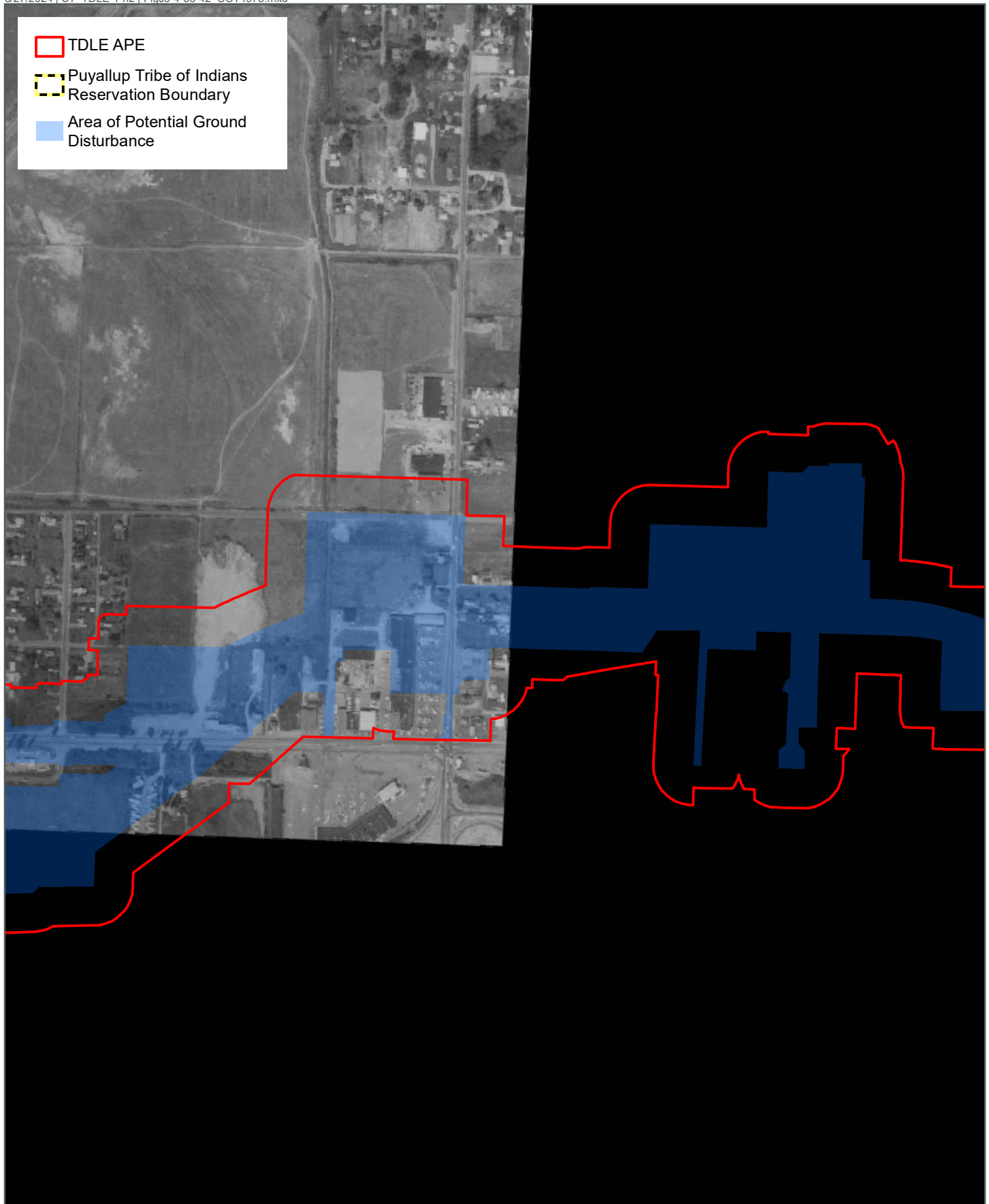


FIGURE J5.4-37
1950 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

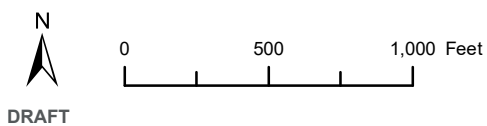


FIGURE J5.4-38
1973 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

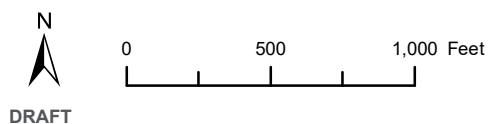
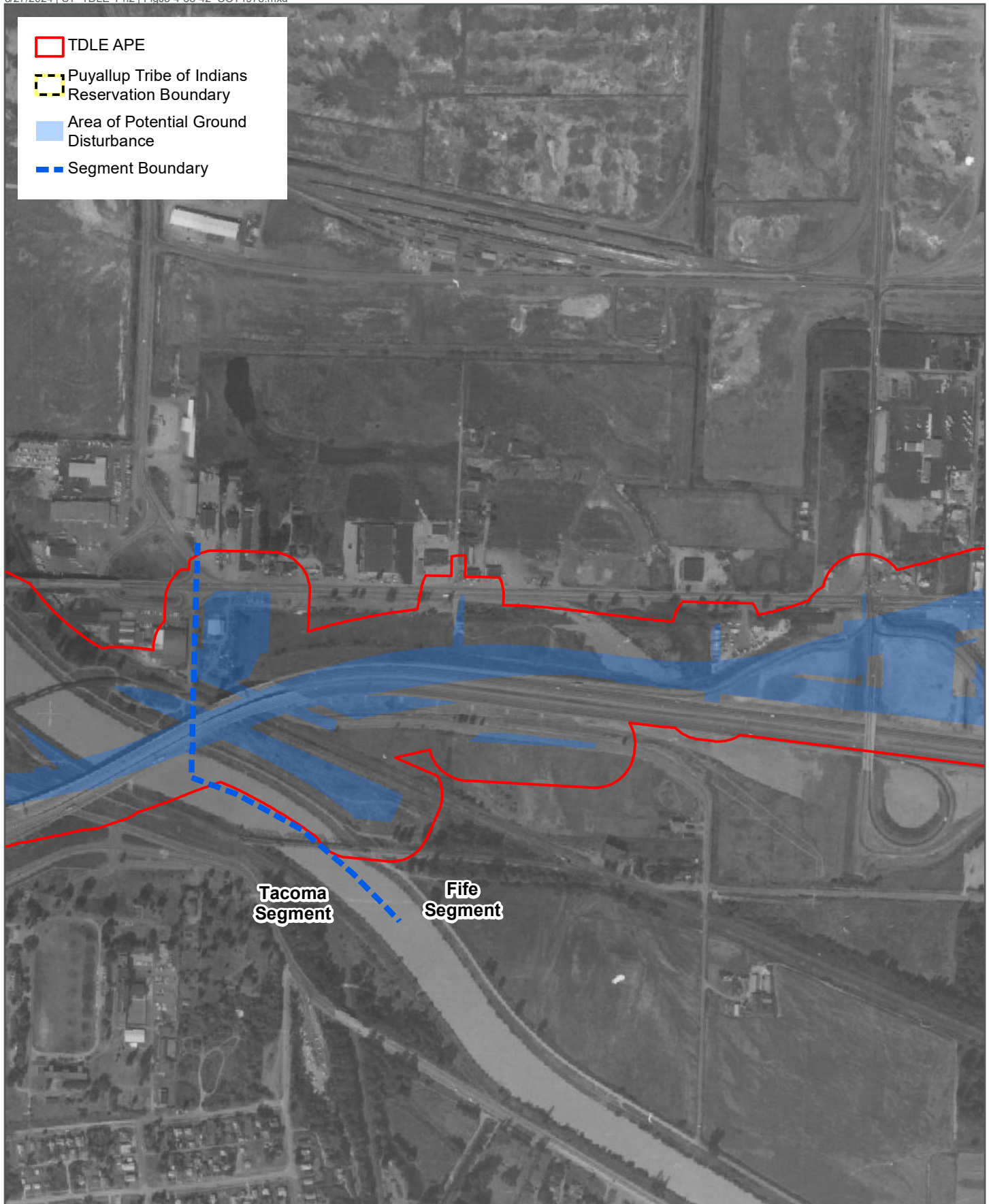


FIGURE J5.4-39
1973 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

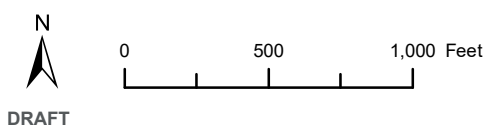
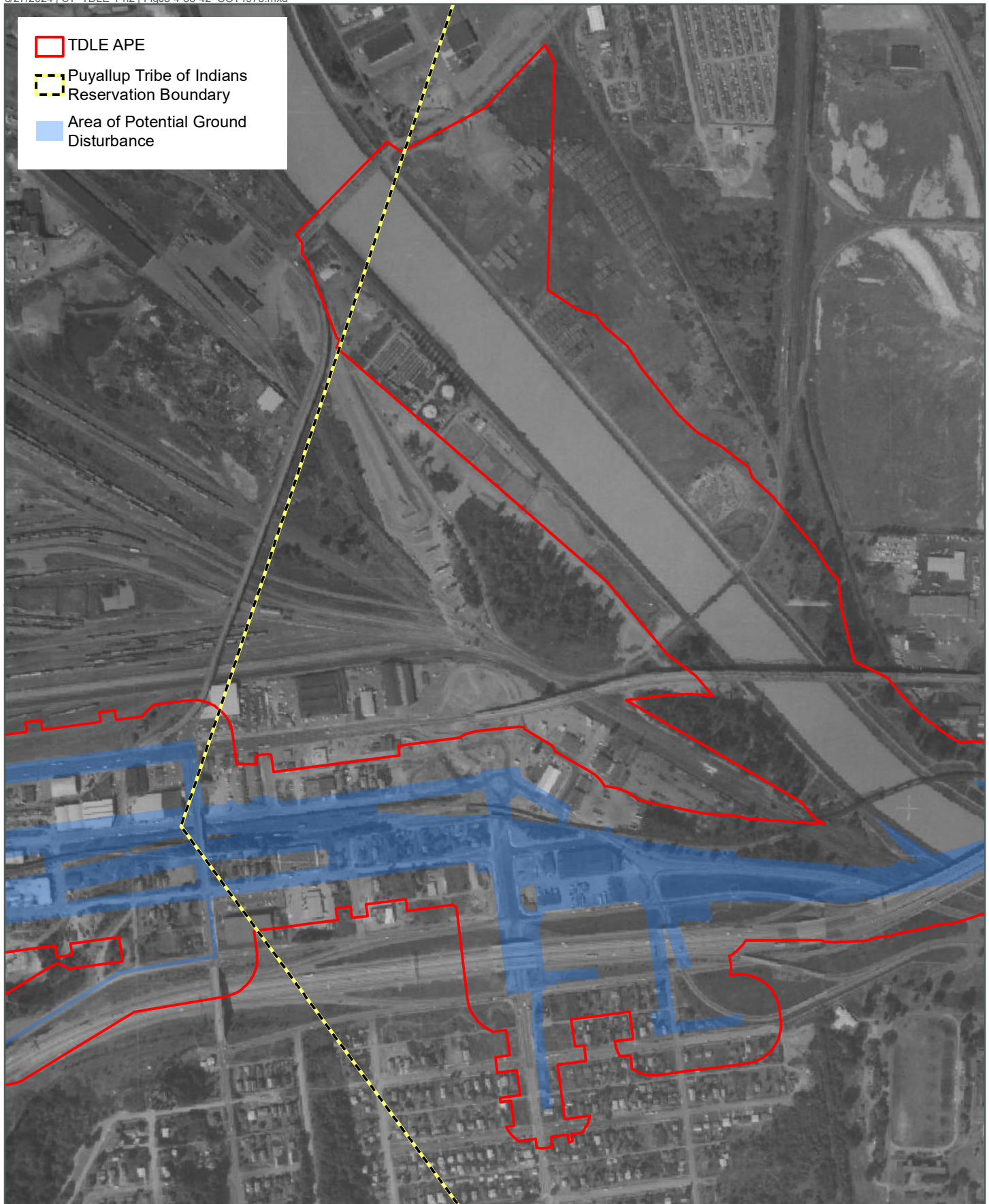


FIGURE J5.4-40
1973 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

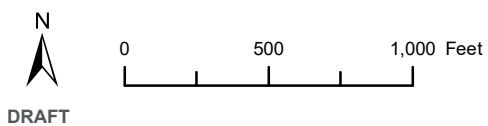
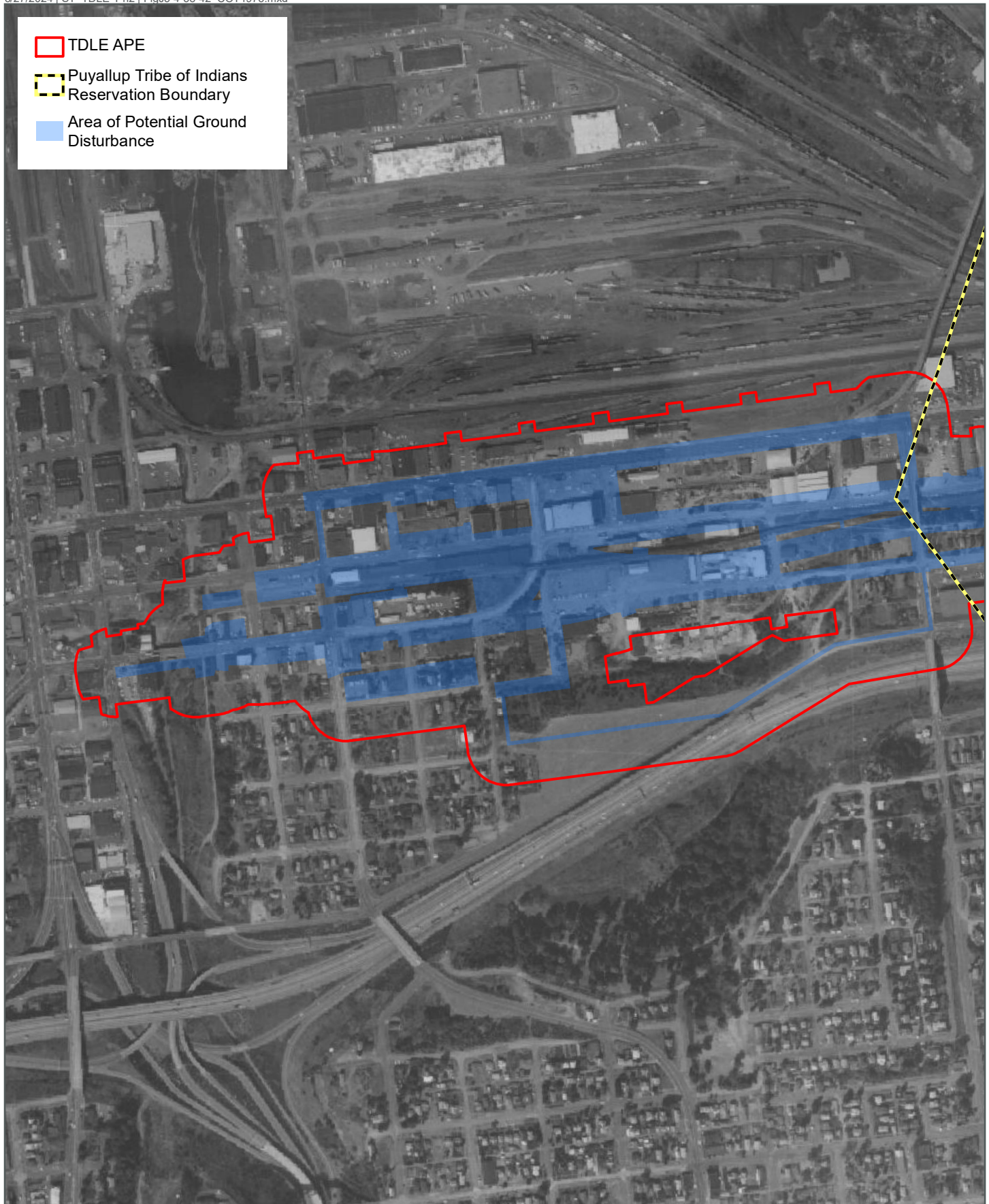


FIGURE J5.4-41
1973 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: City of Tacoma (1973); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-42
1973 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-43
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

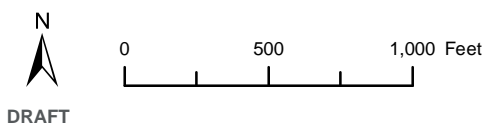


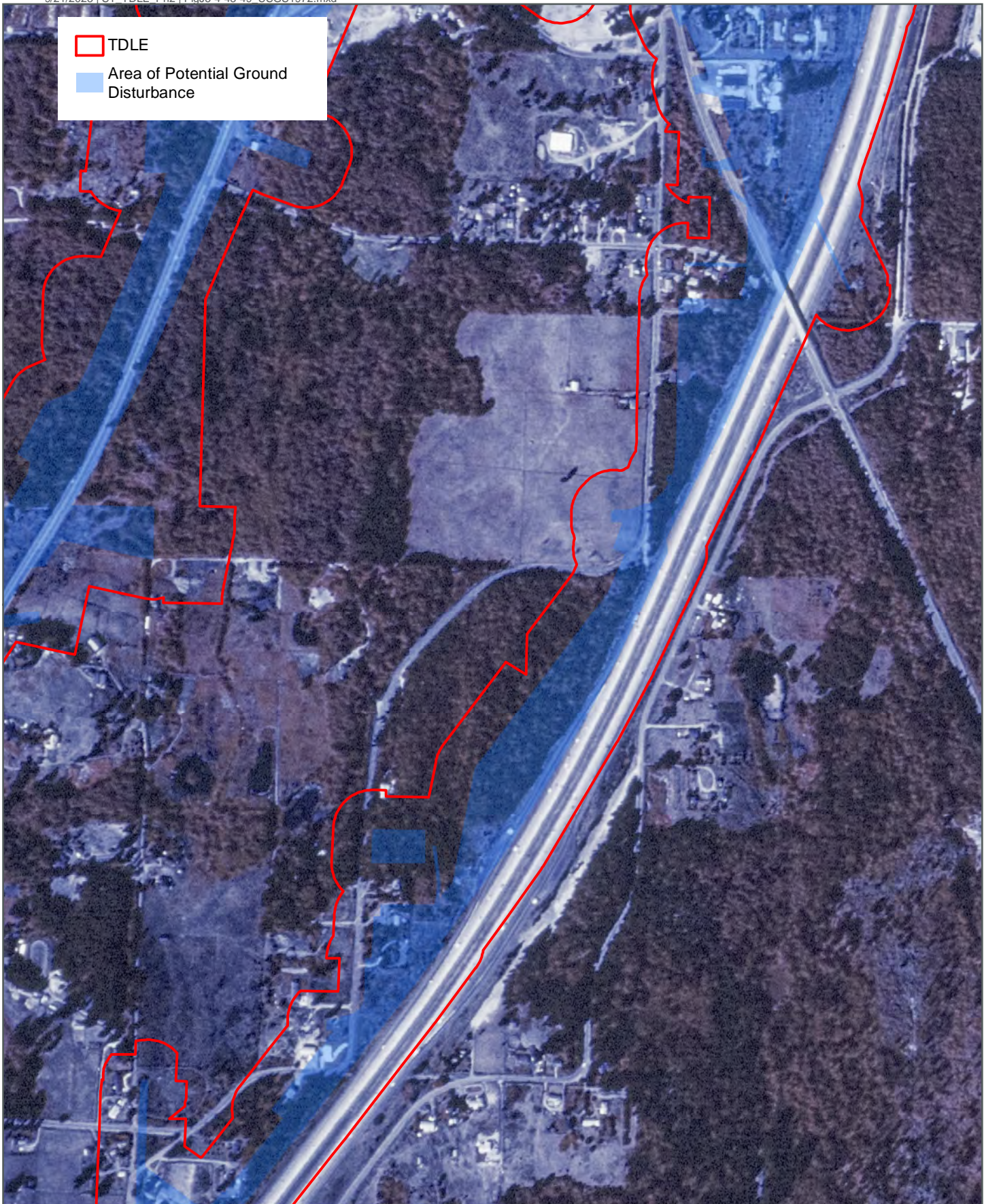
FIGURE J5.4-44
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



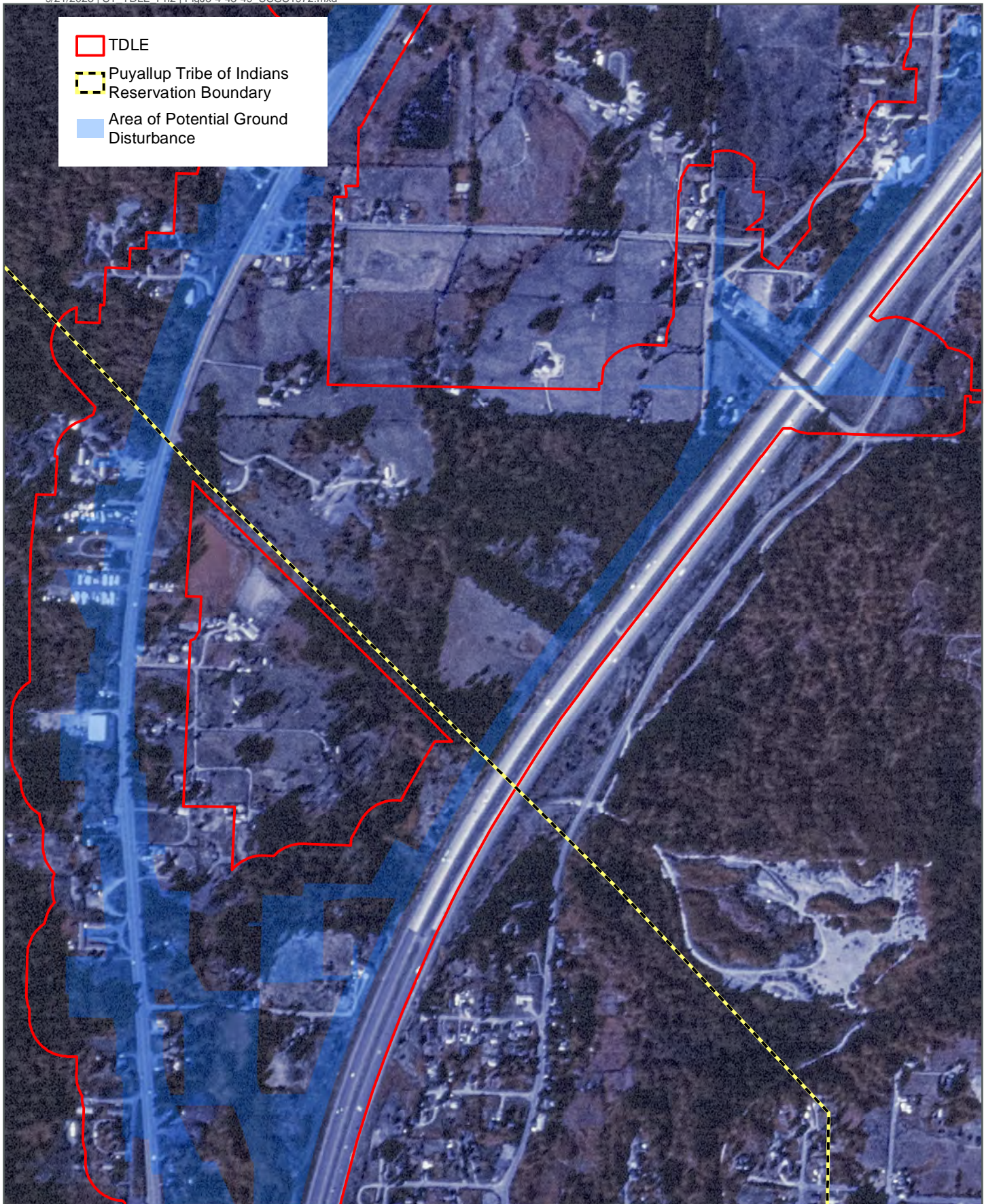
FIGURE J5.4-45
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-46
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

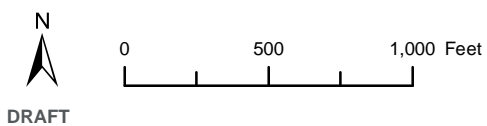
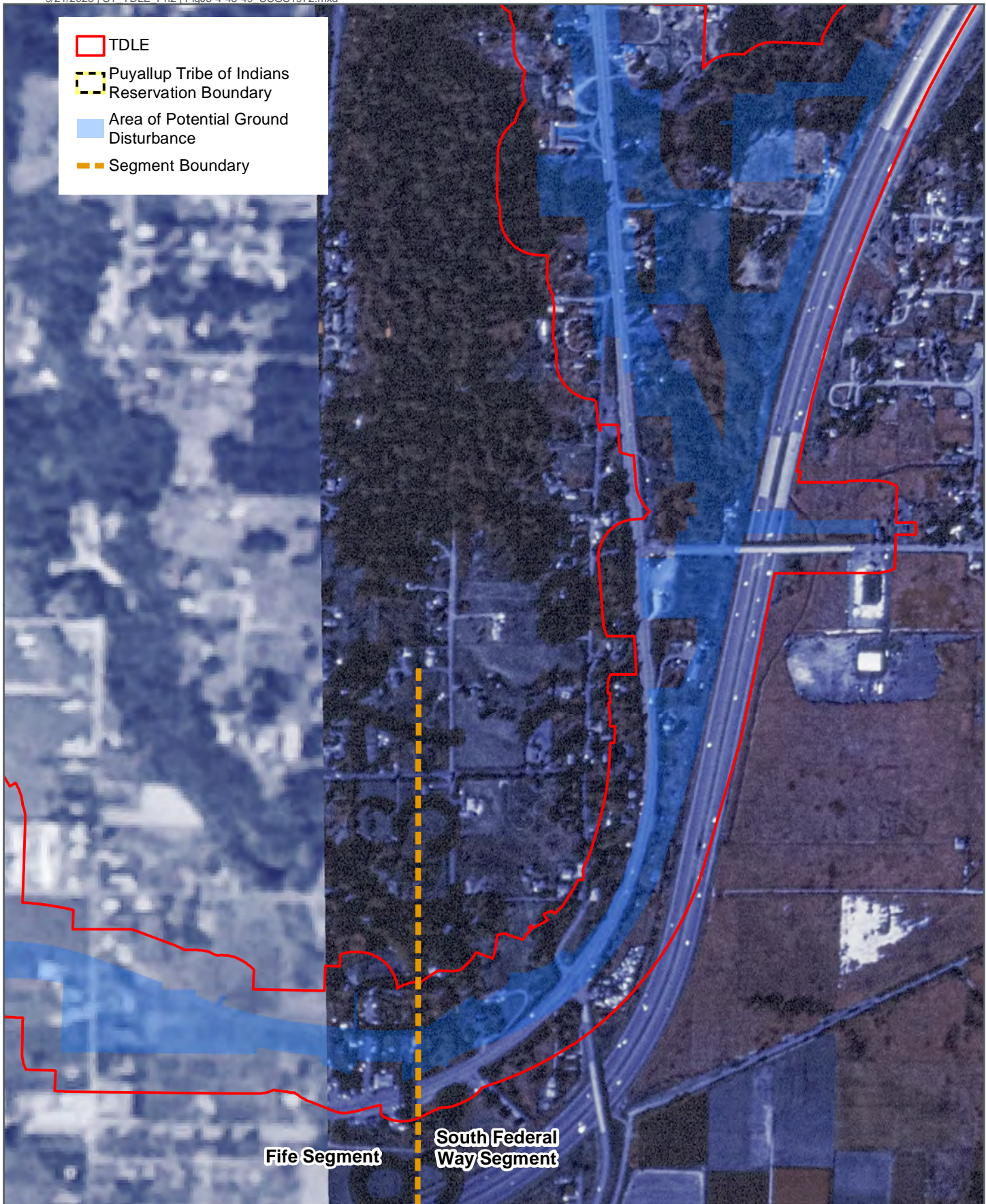


FIGURE J5.4-47
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

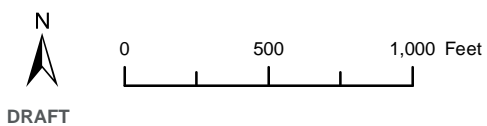
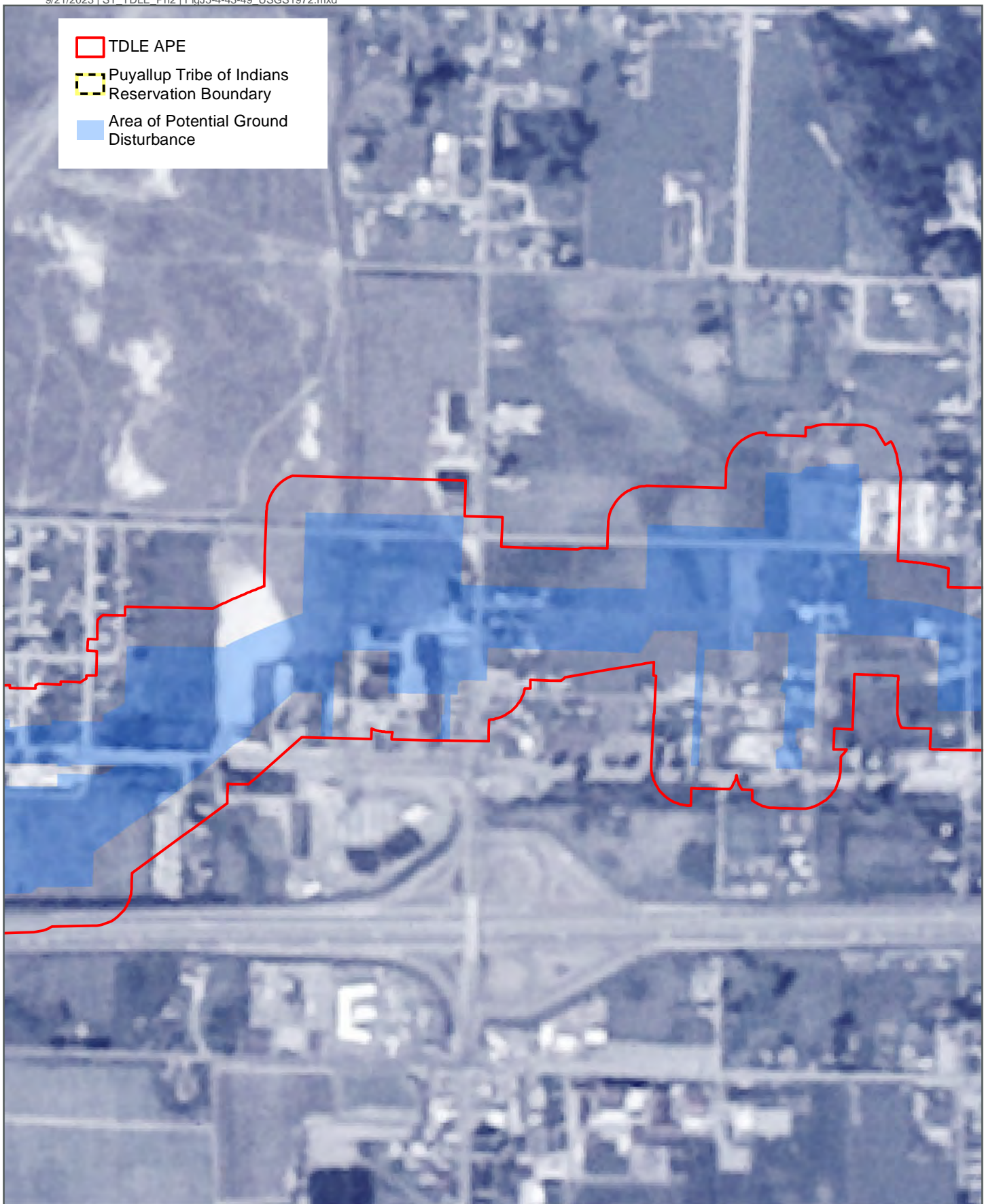


FIGURE J5.4-48
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-49
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1972); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

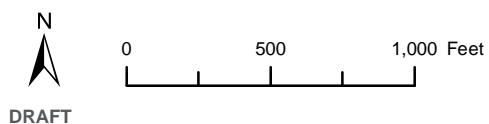
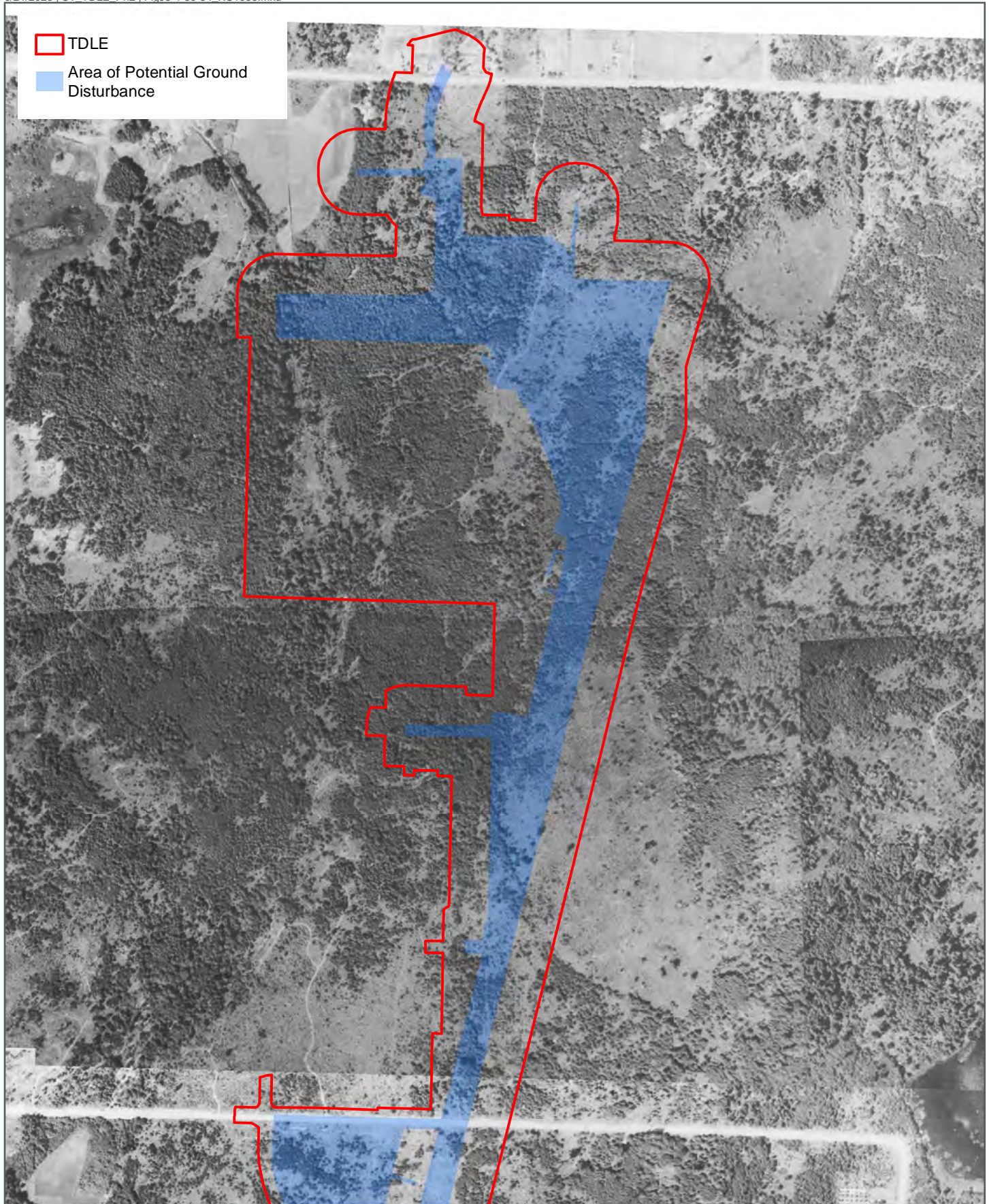


FIGURE J5.4-50
1972 Aerial Imagery Within
and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

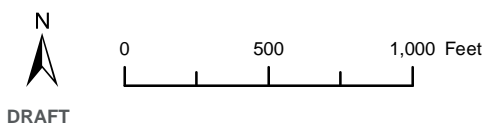
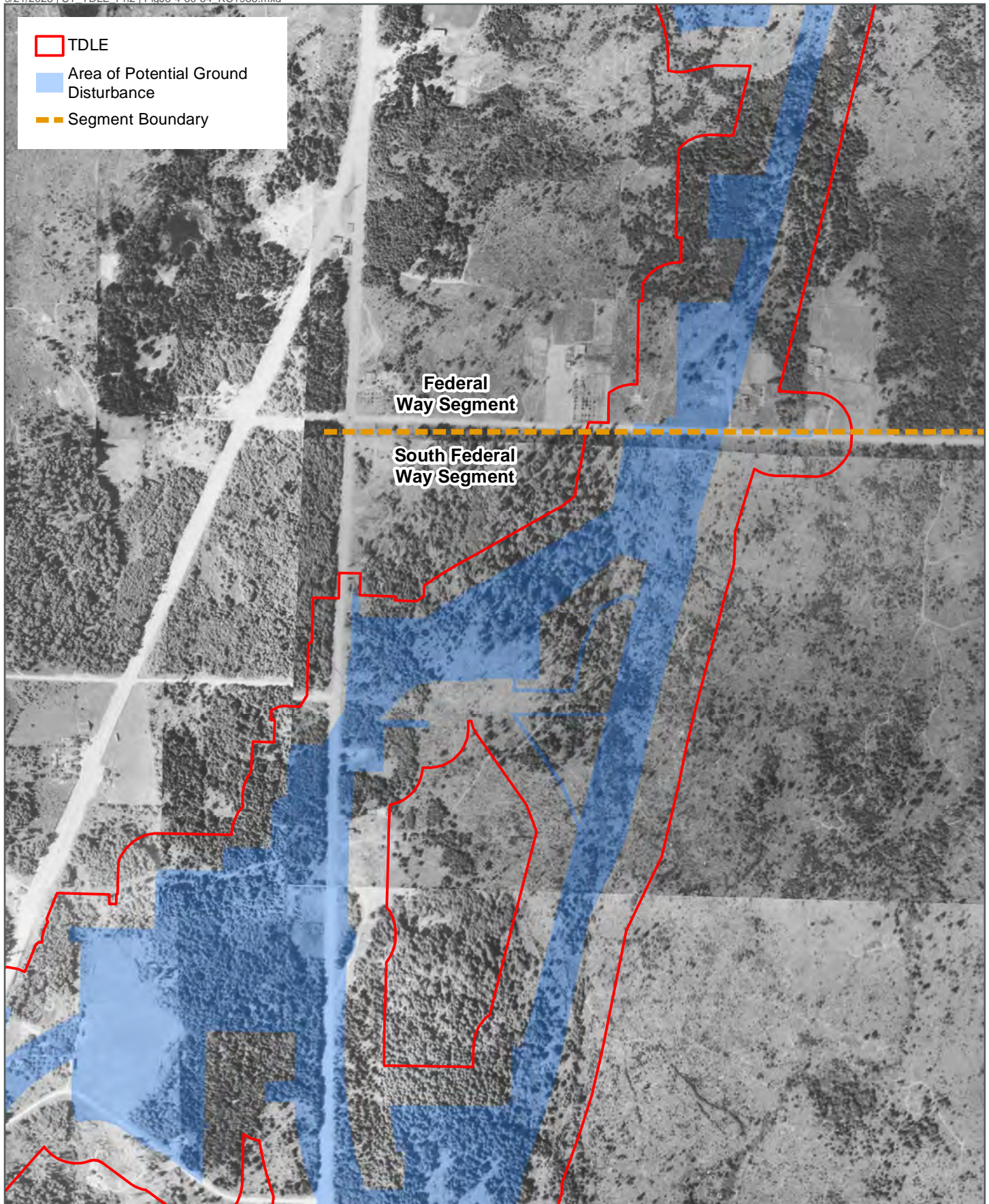


FIGURE J5.4-51
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

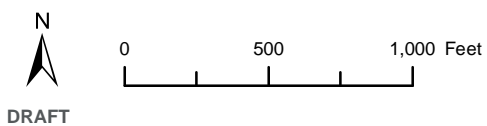


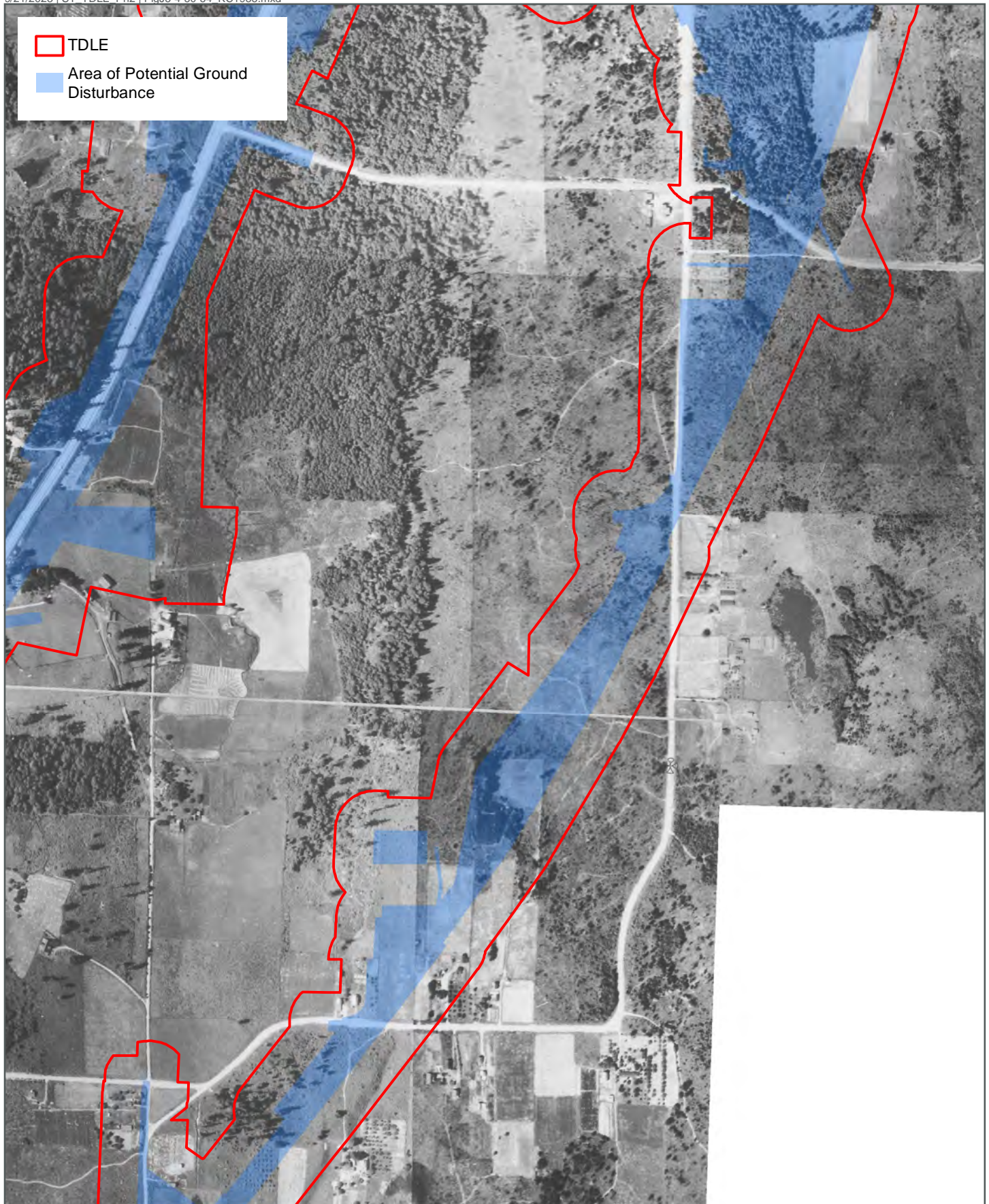
FIGURE J5.4-52
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



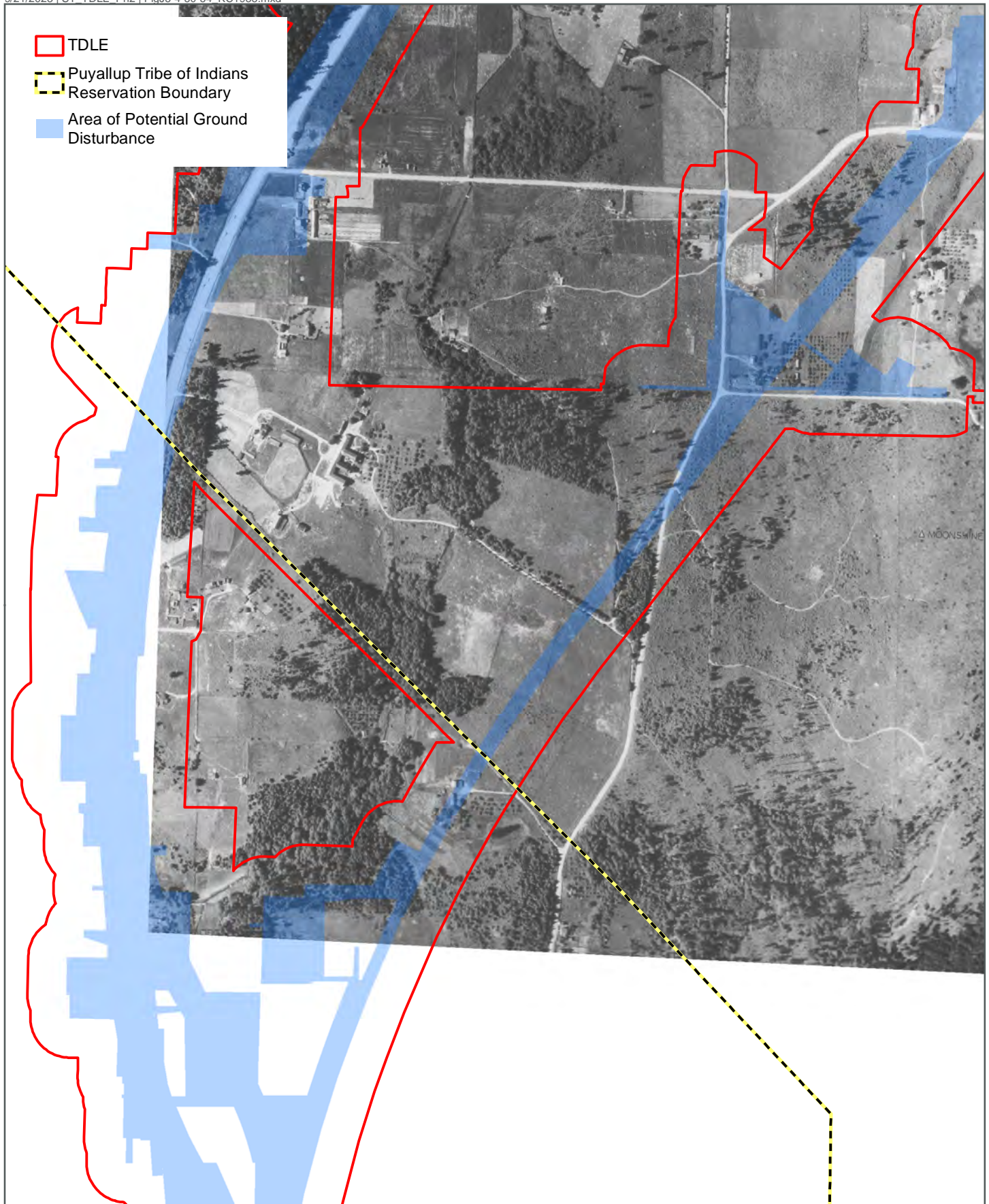
FIGURE J5.4-53
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



FIGURE J5.4-54
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1935); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

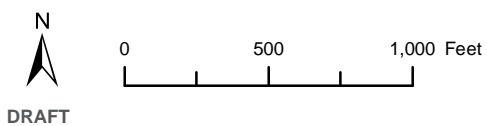
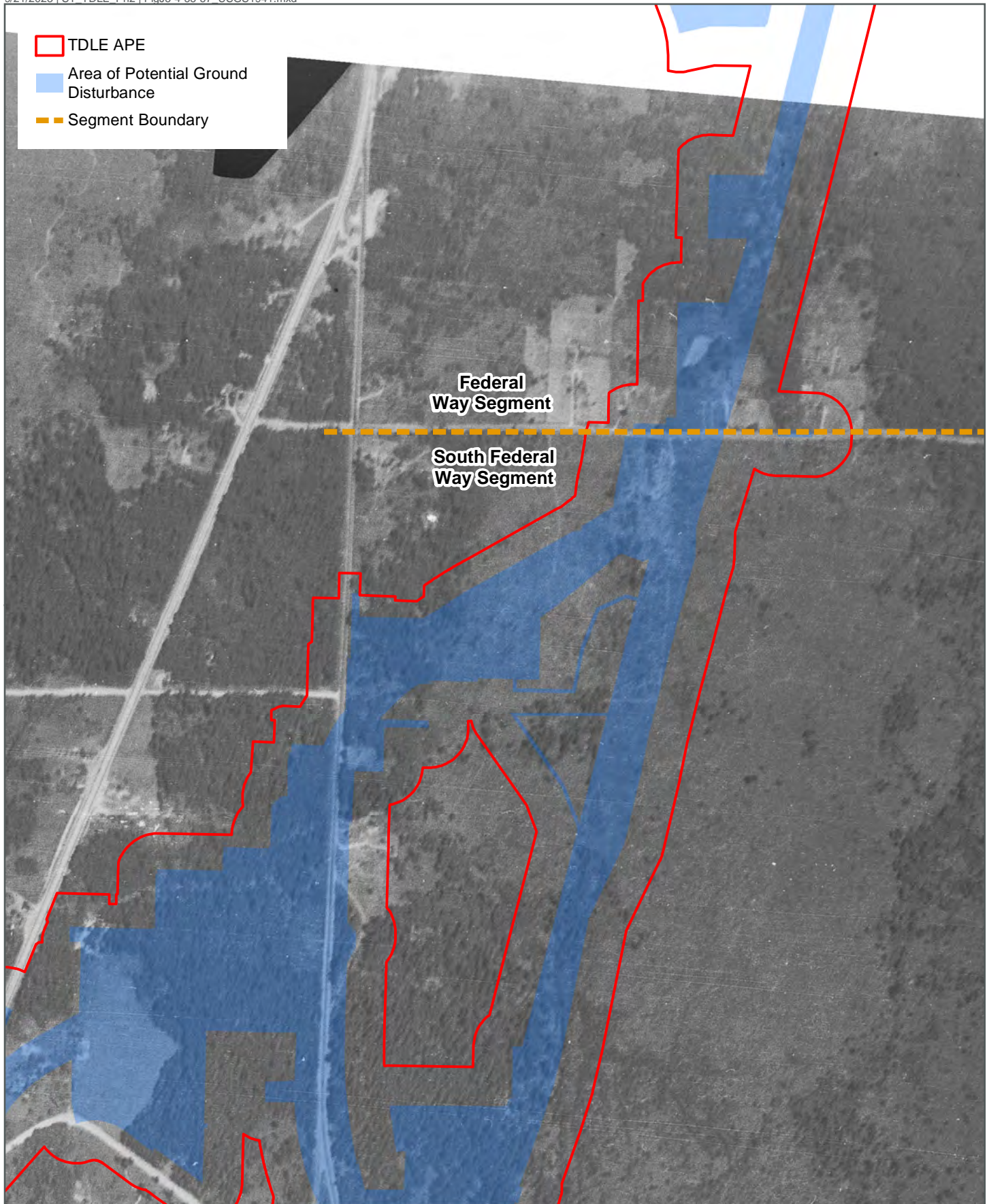


FIGURE J5.4-55
1935 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

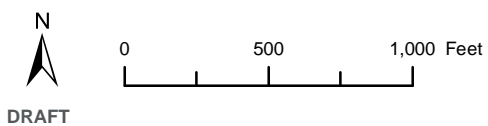
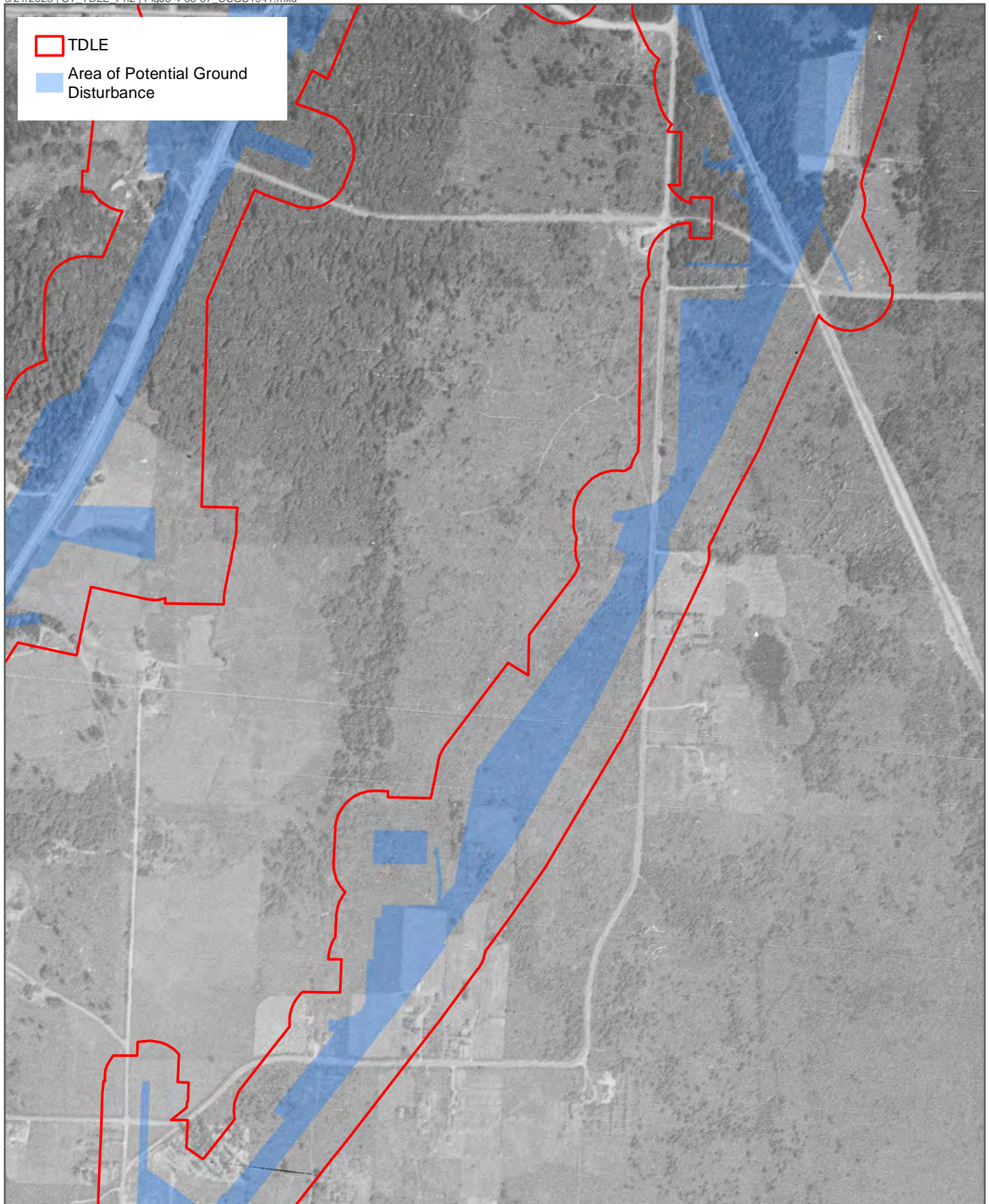
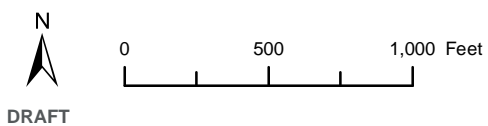


FIGURE J5.4-56
1941 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension

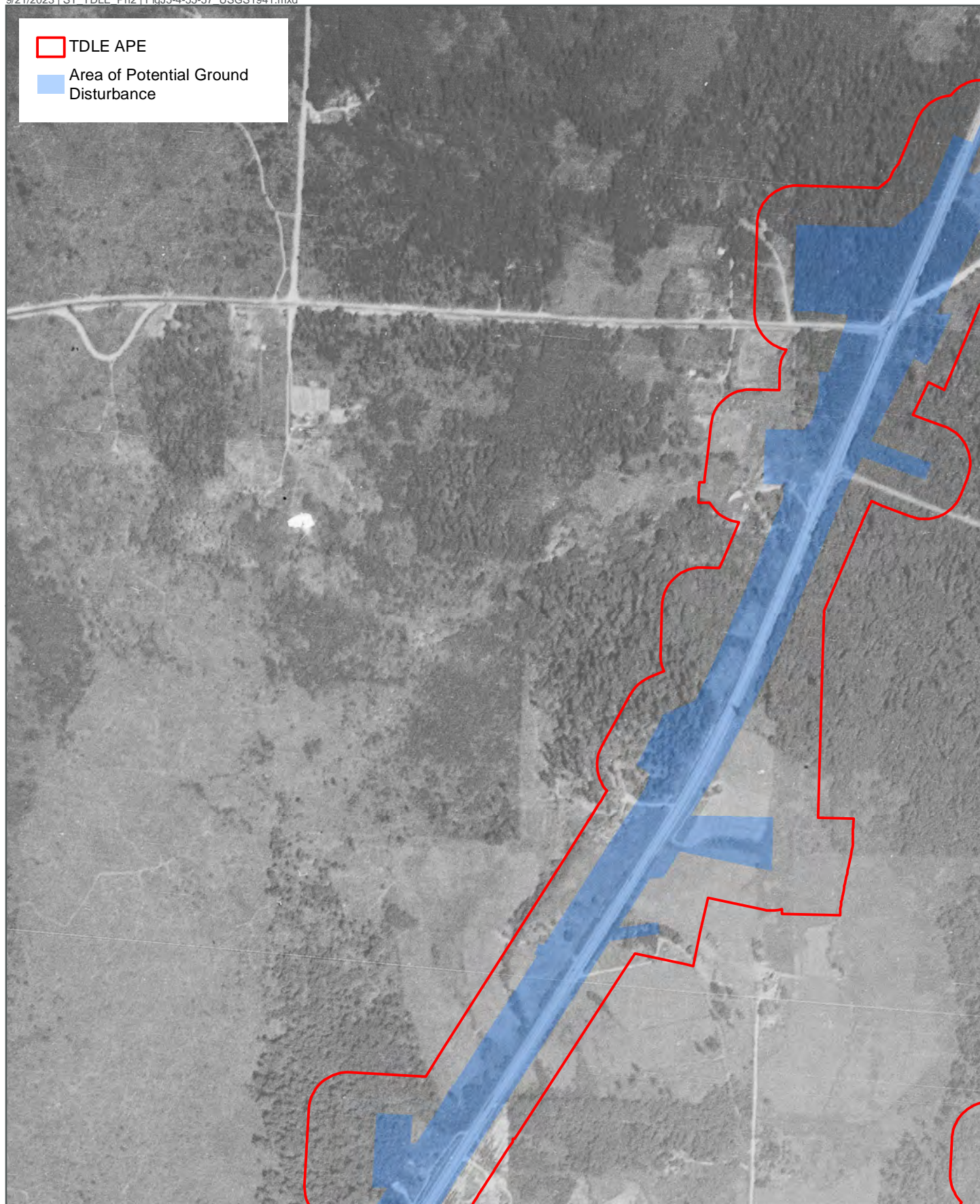


Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).



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FIGURE J5.4-57
1941 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1941); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

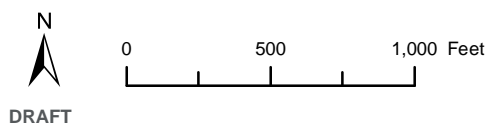
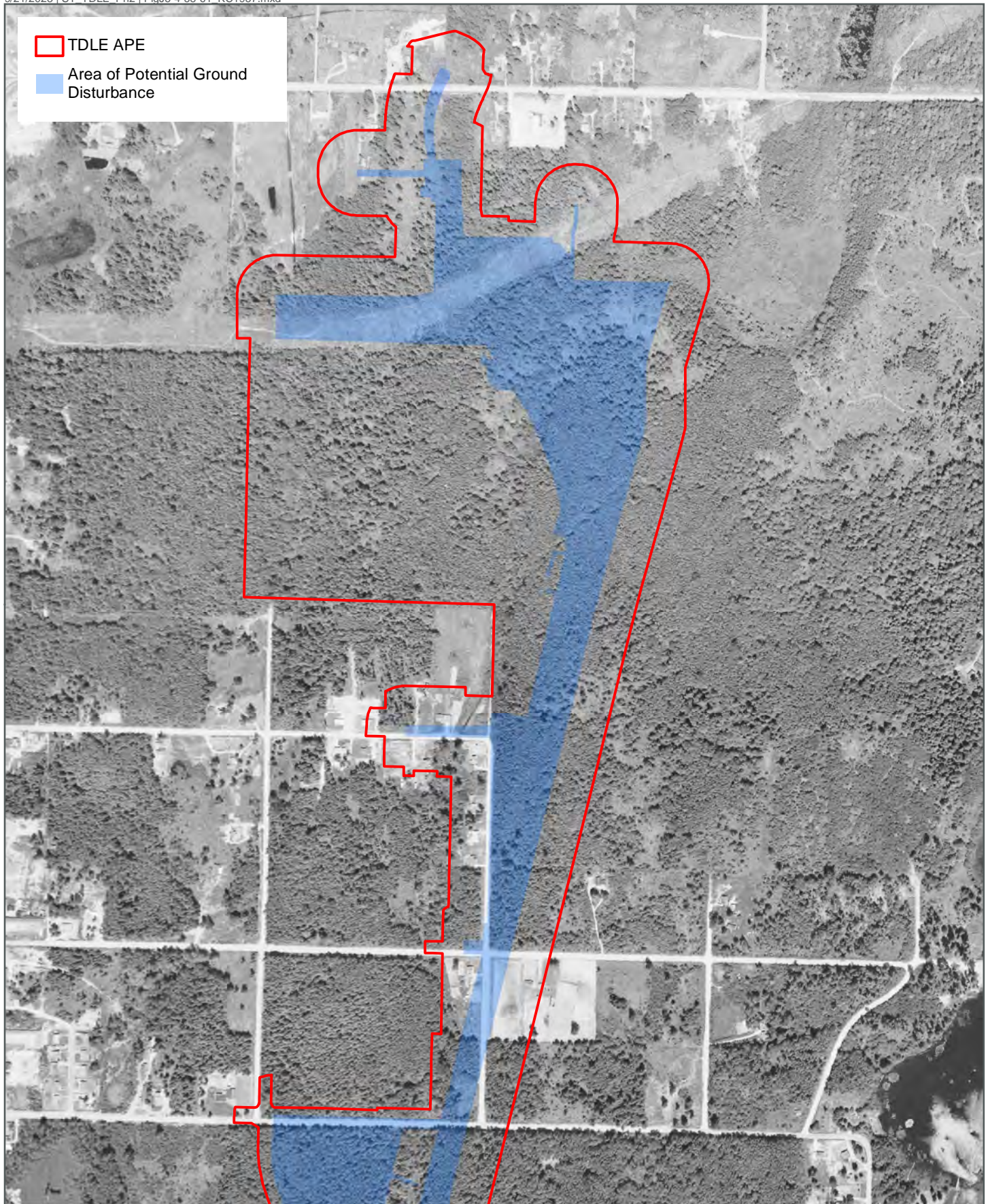


FIGURE J5.4-58
1941 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

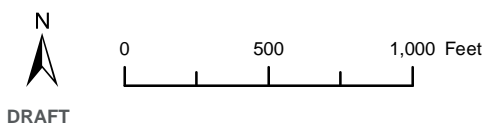
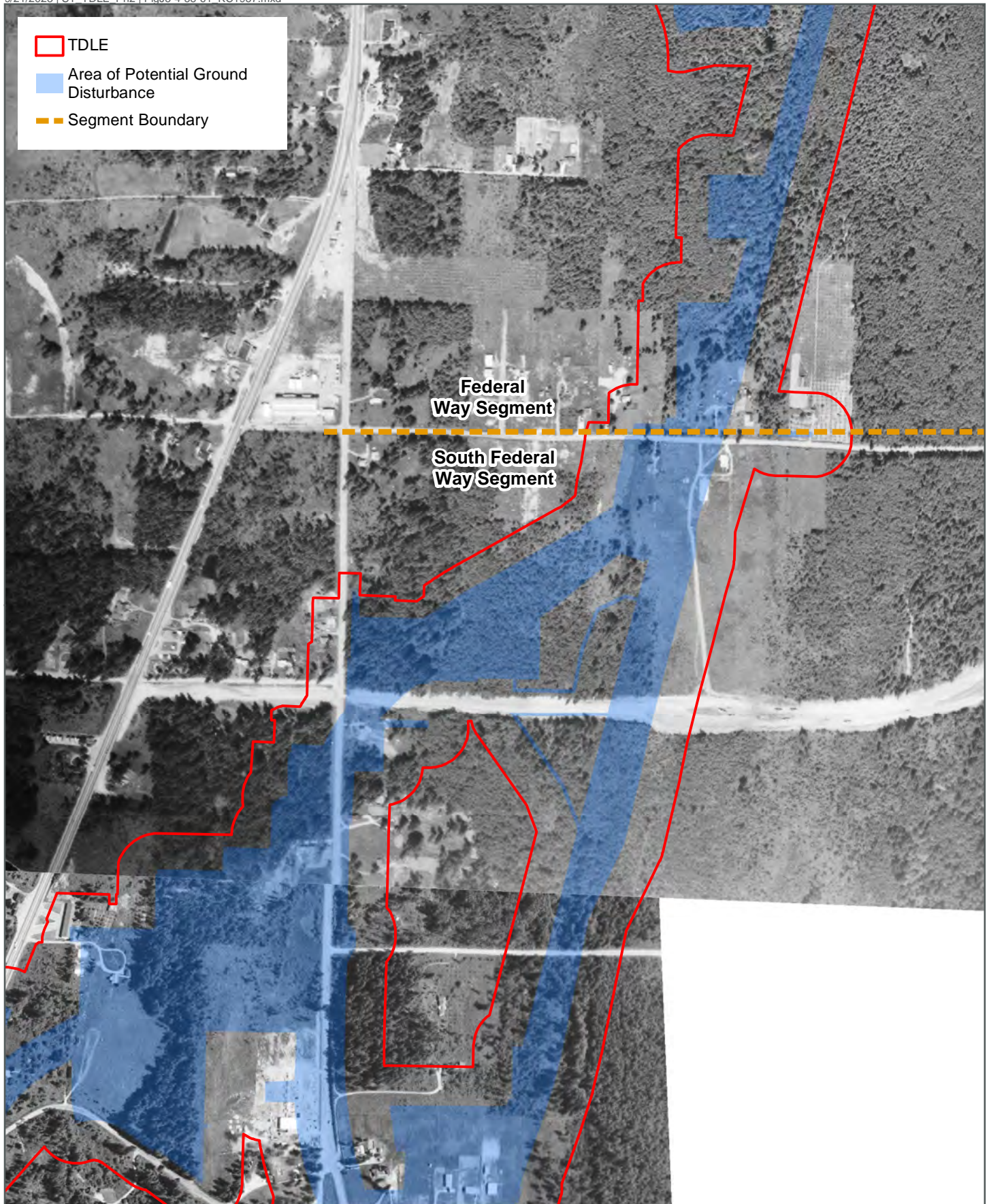


FIGURE J5.4-59
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

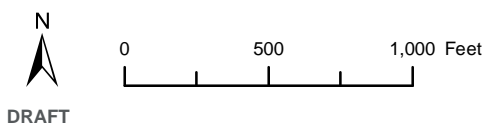
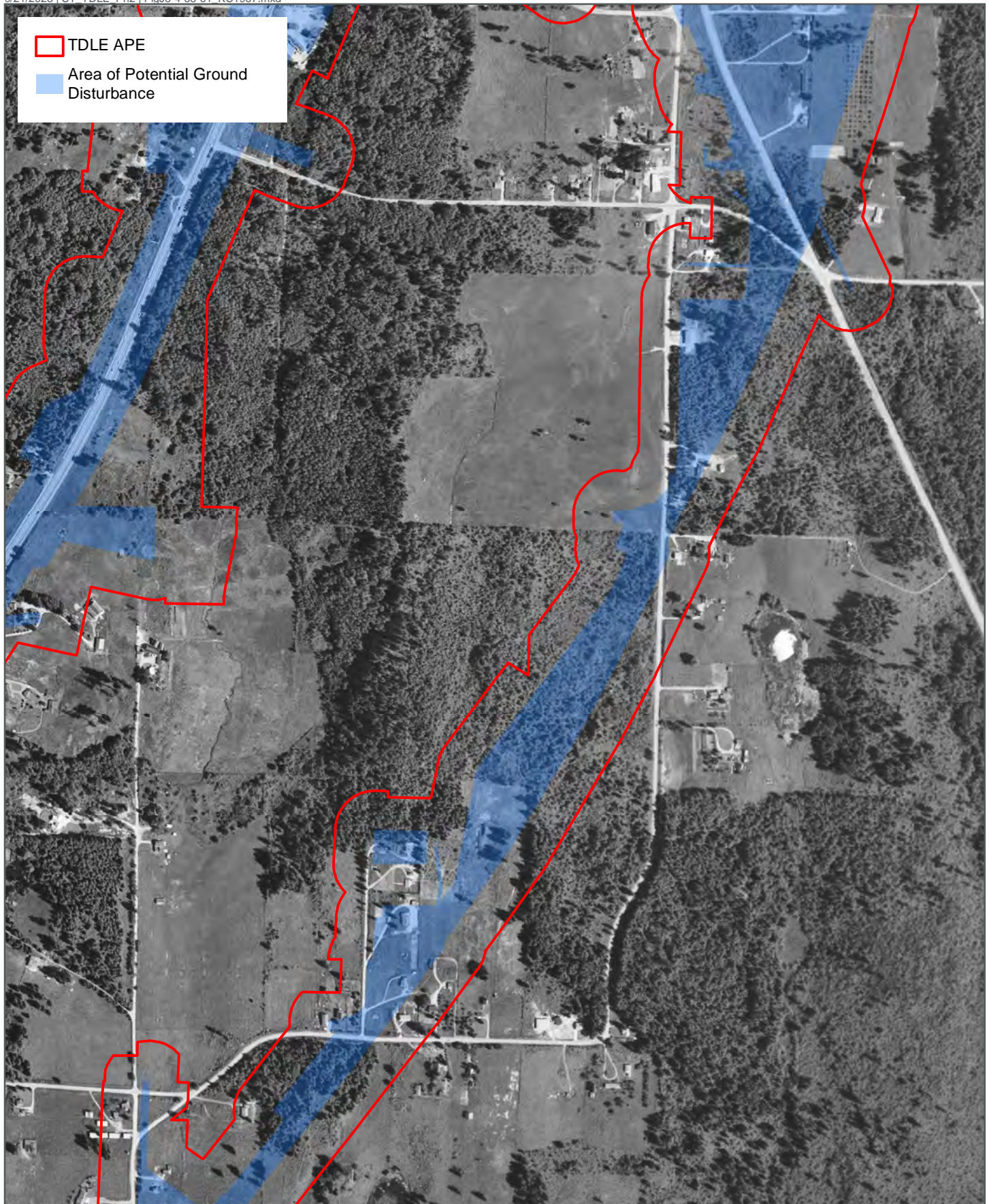


FIGURE J5.4-60
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

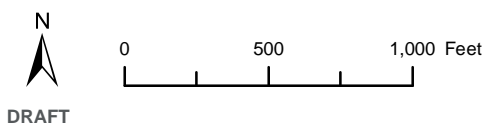
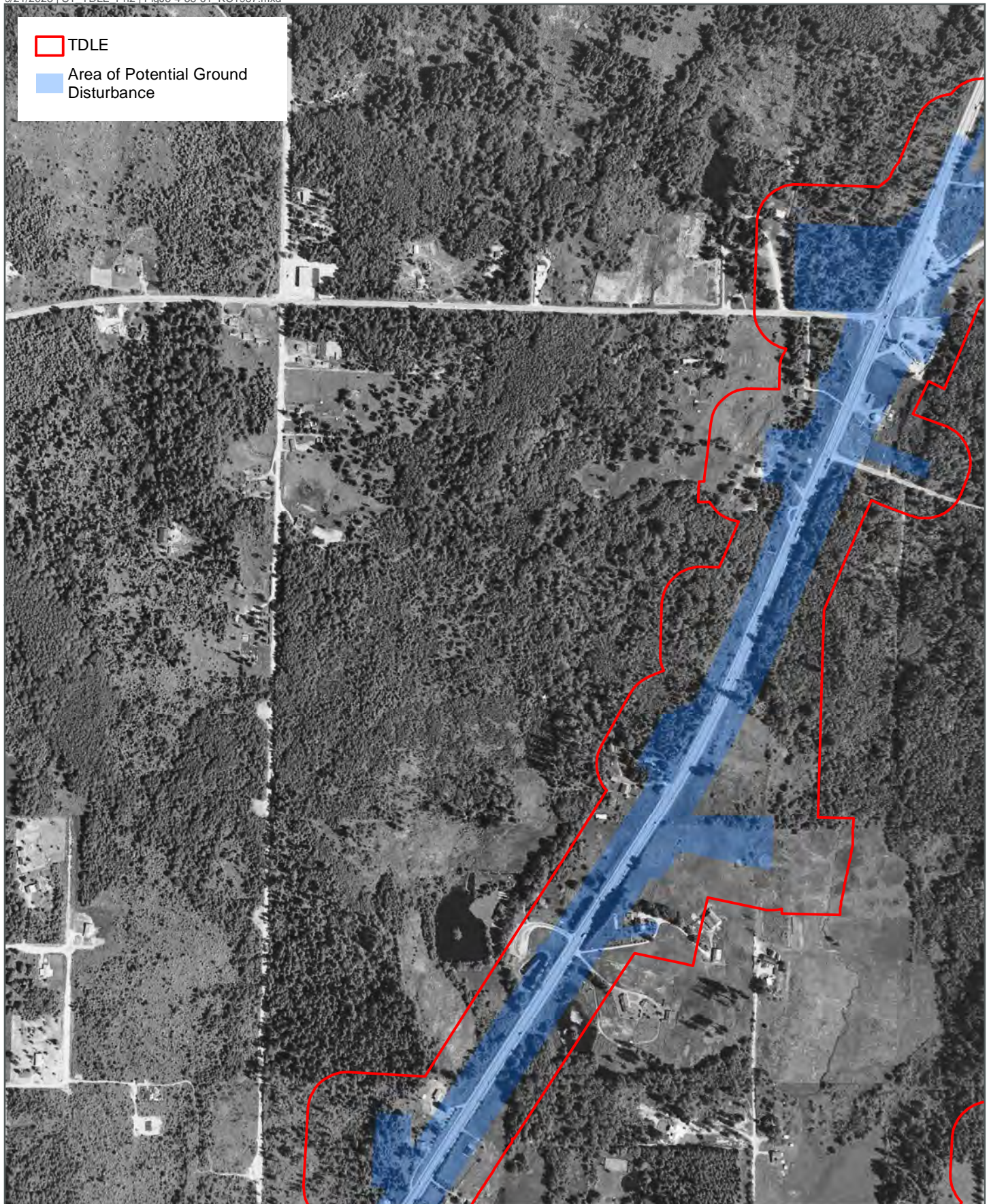


FIGURE J5.4-61
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: USGS (1957); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

FIGURE J5.4-62
1957 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

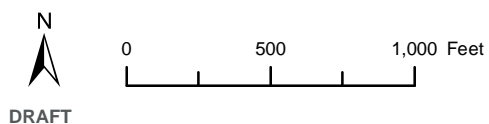
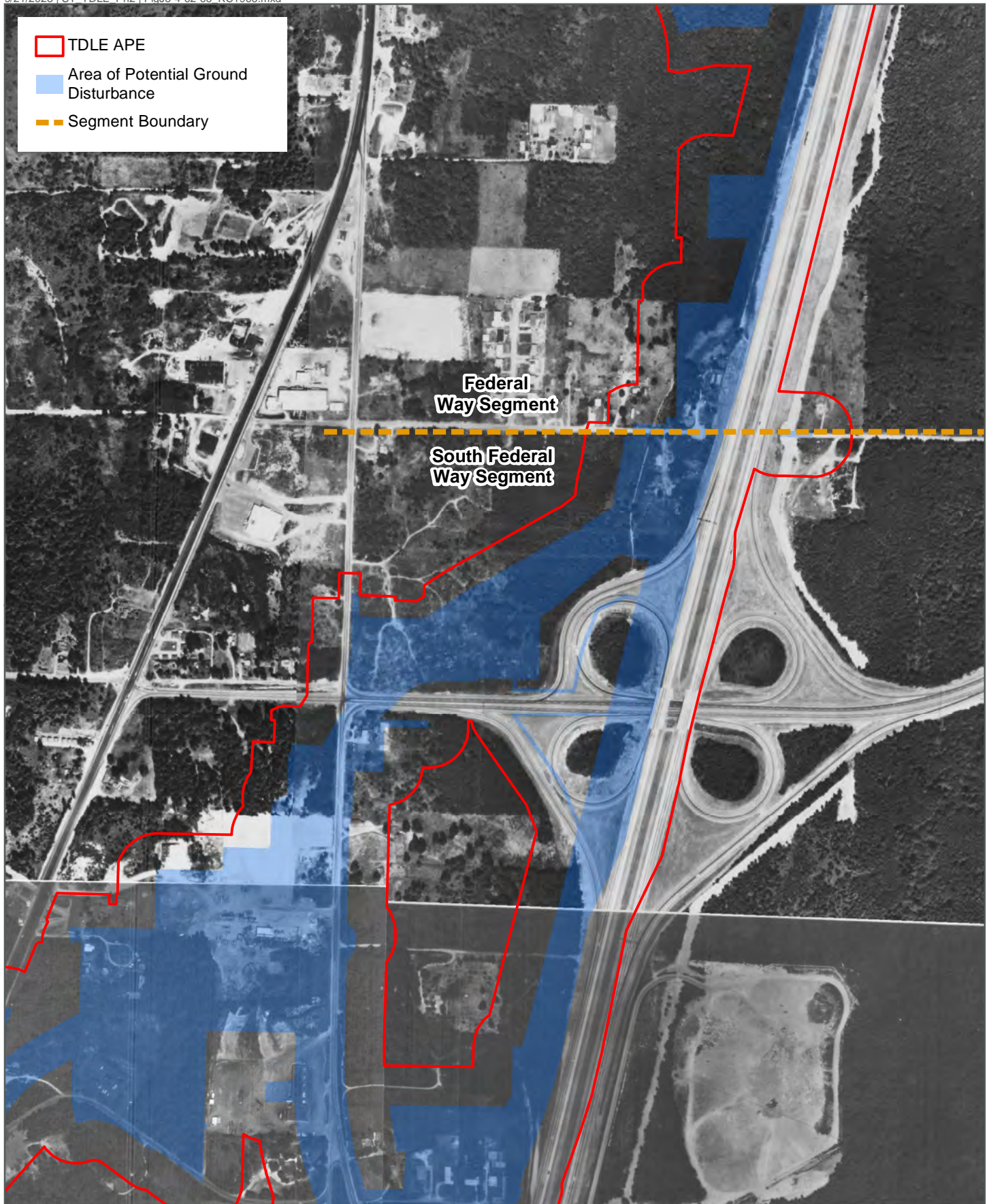


FIGURE J5.4-63
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

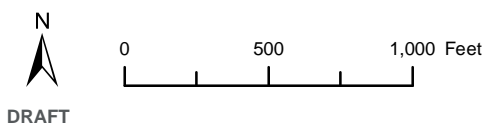
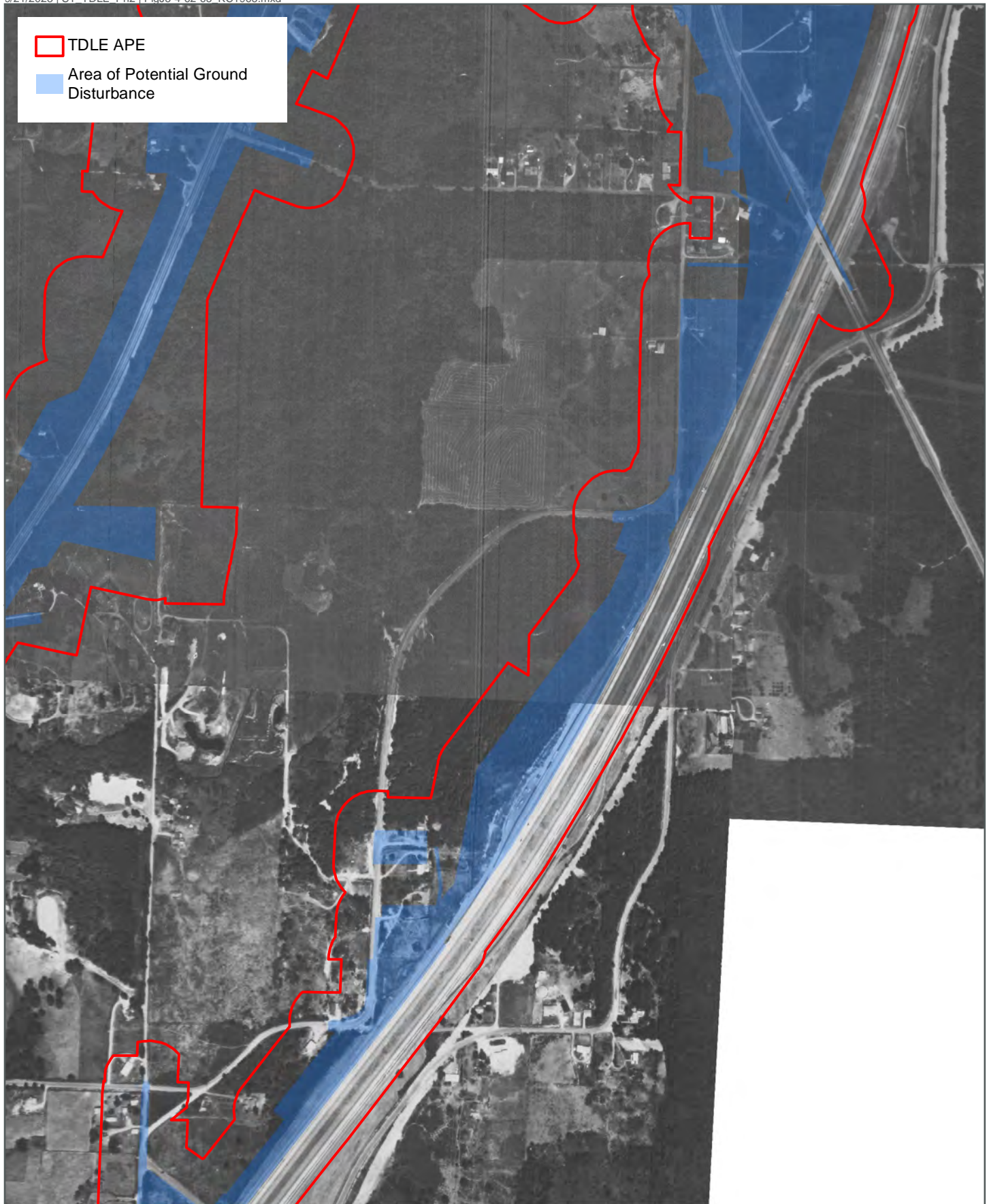


FIGURE J5.4-64
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

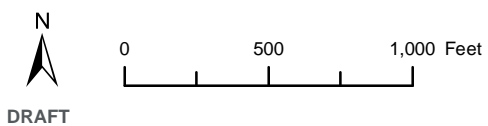


FIGURE J5.4-65
1965 South Federal Way Aerial Imagery
Within and Surrounding the APE
Tacoma Dome Link Extension



Data Sources: King County (1965); King and Pierce County; Cities of Federal Way, Fife, Milton, Tacoma (2019).

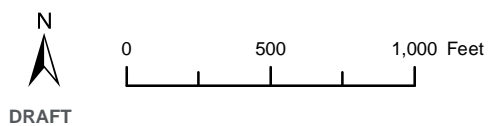


FIGURE J5.4-66
1965 South Federal Way Aerial Imagery
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