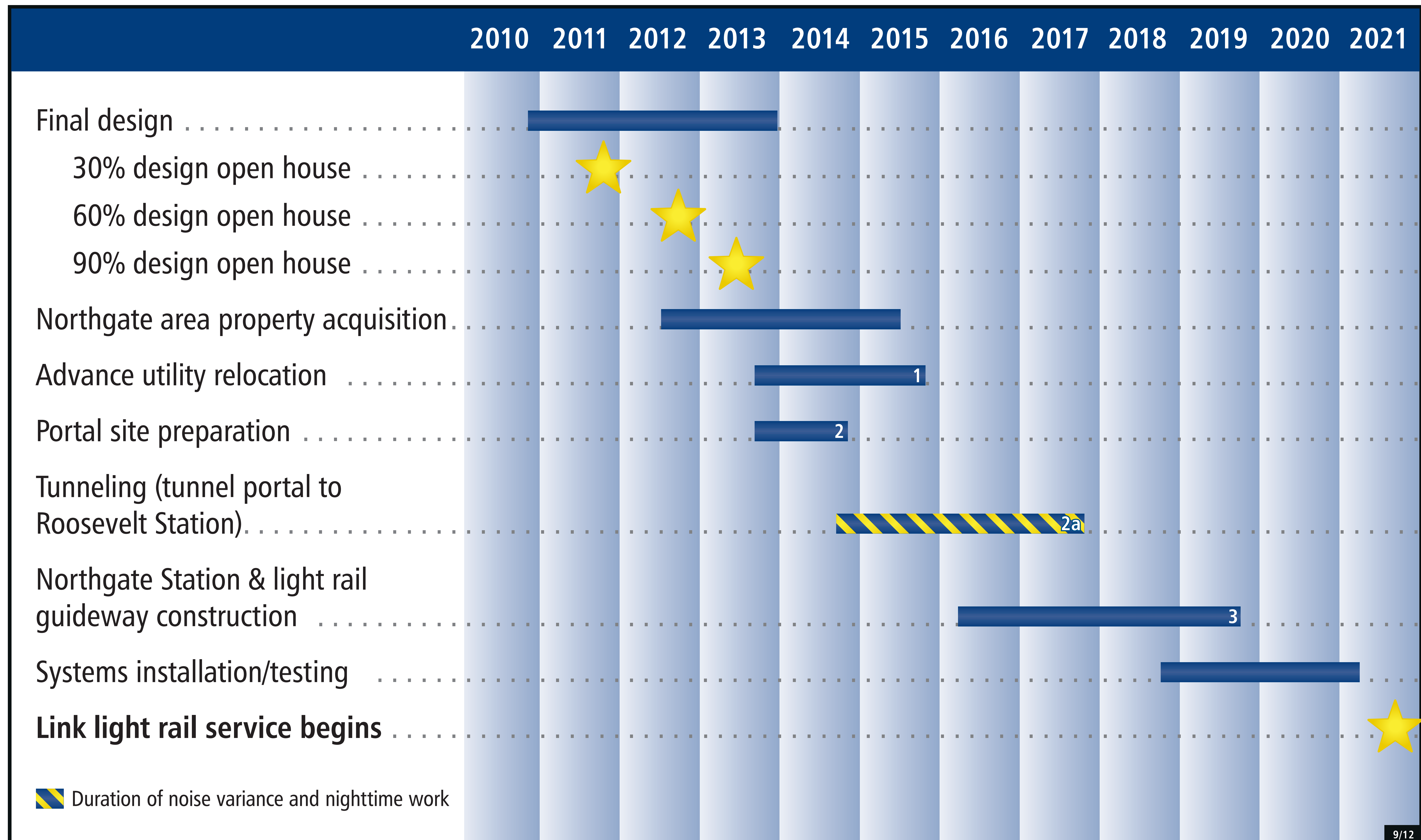


NORTHGATE STATION SCHEDULE



1ST AVENUE CONSTRUCTION WALLS & FENCING

MAPLE LEAF PORTAL

LOOKING NORTH FROM NE 92ND ST



LOOKING NORTH FROM NE 94TH ST

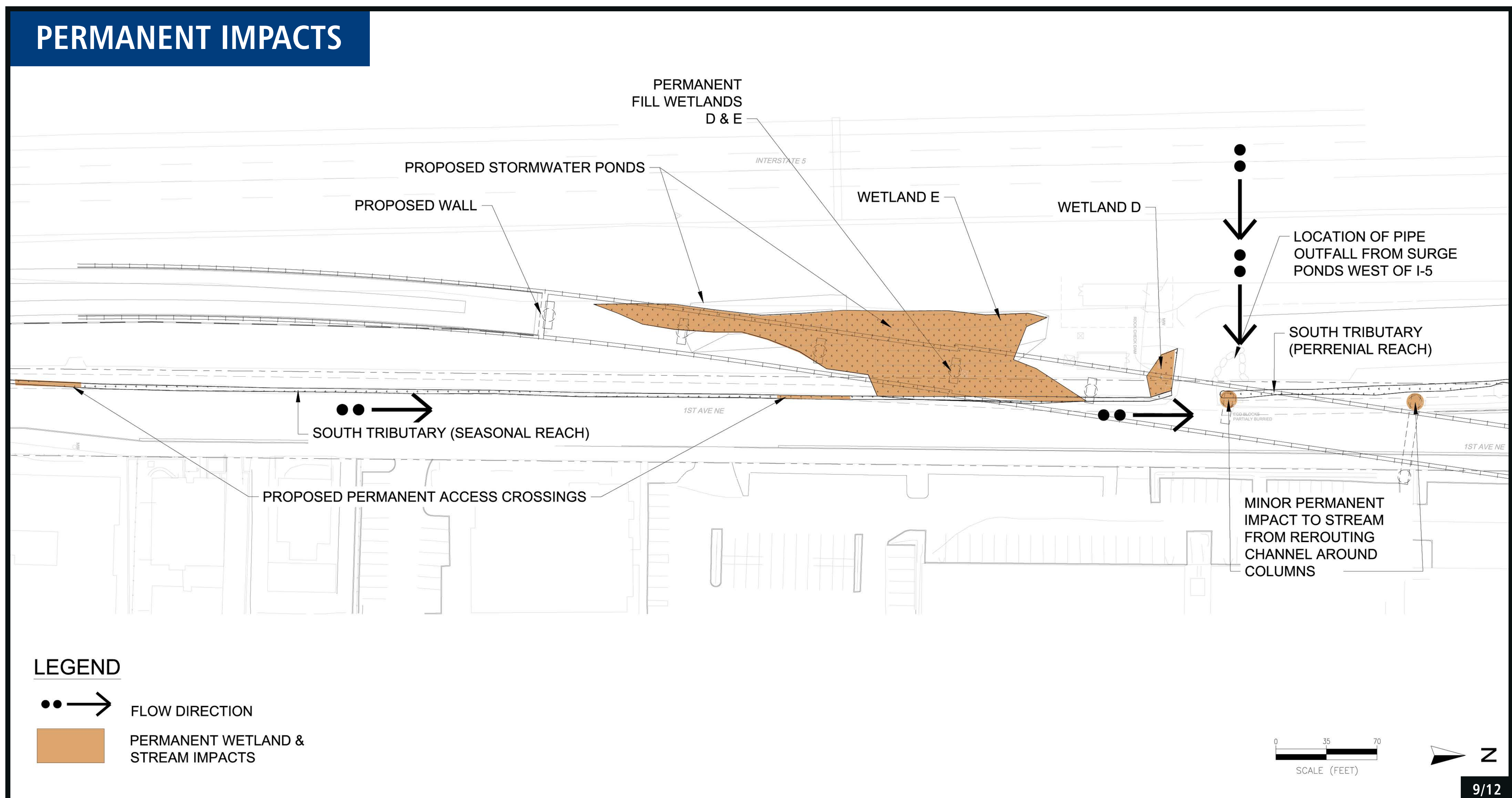
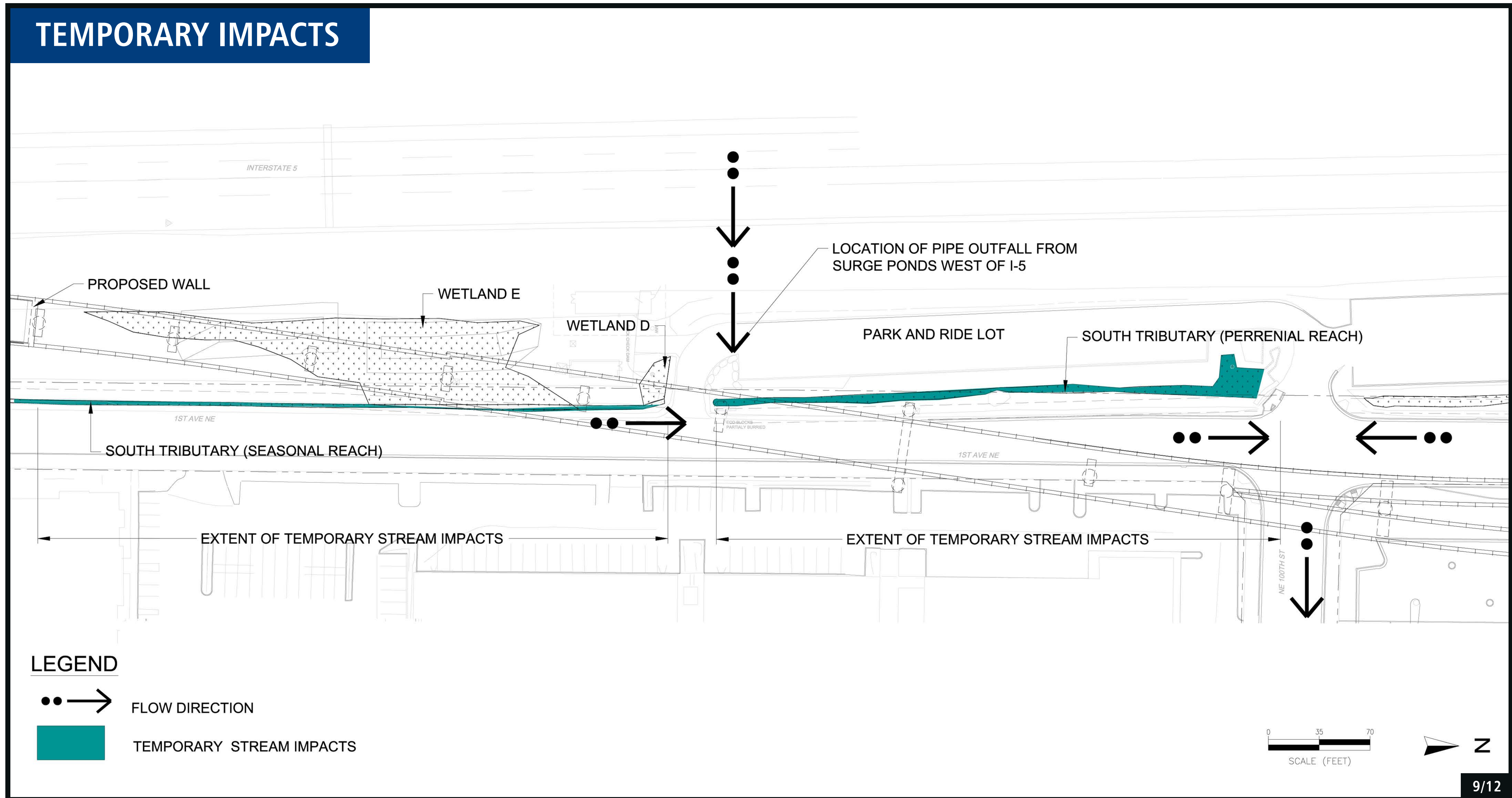


LOOKING SOUTH NEAR NE 95TH ST



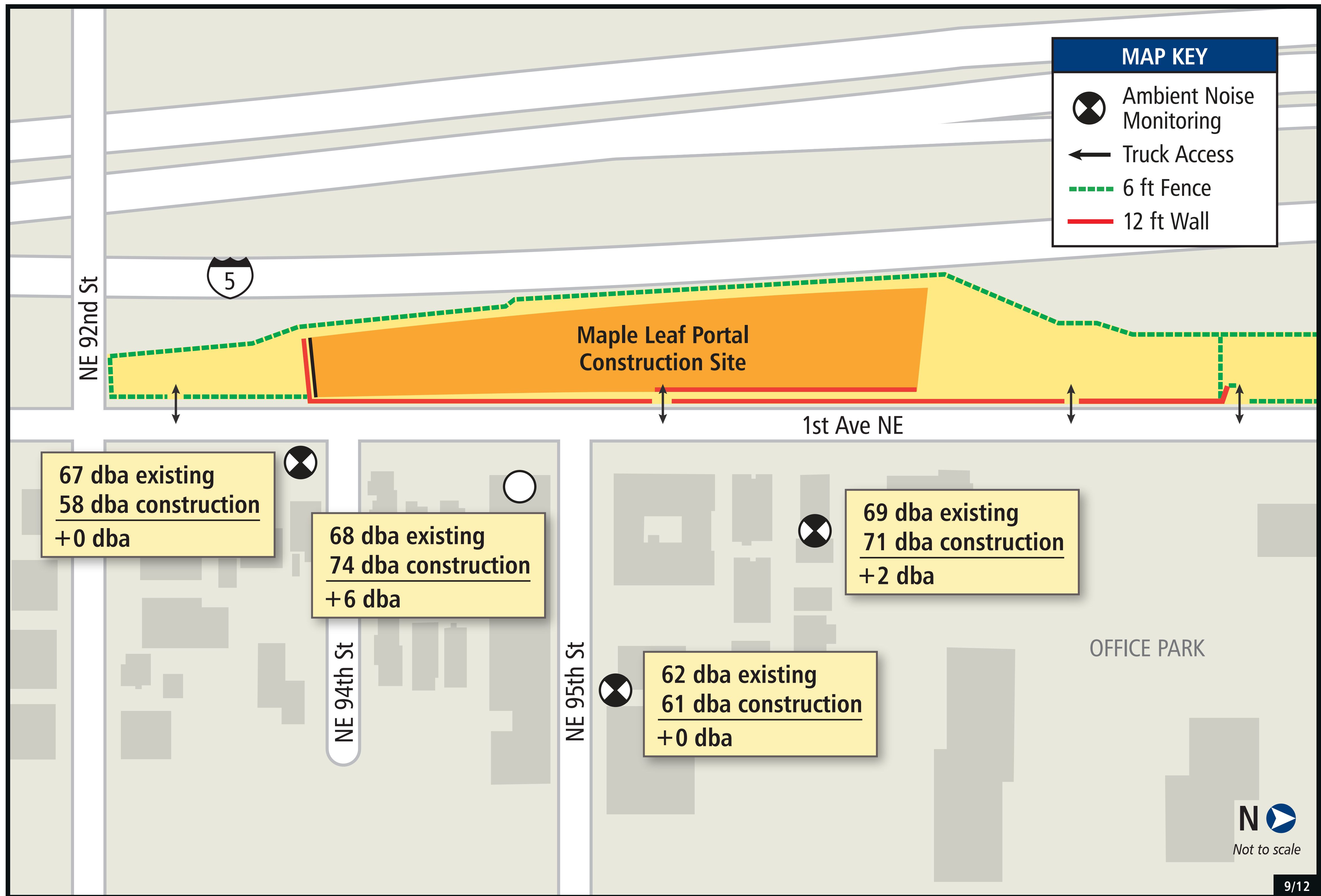
AFFECTED SENSITIVE AREAS

NORTHGATE LINK EXTENSION



CONSTRUCTION NOISE PREDICTION

MAPLE LEAF PORTAL



A-WEIGHTED LEVELS OF COMMON SOUNDS

	SOUND	SOUND LEVEL	APPROXIMATE ¹ RELATIVE LOUDNESS
	Jet plane at 100 feet	130	128
	Rock music with amplifier	120	64
	Thunder; danger of permanent hearing loss	110	32
	Boiler shop, power mower	100	16
	Orchestral crescendo as 25 feet	90	8
	Busy street	80	4
Construction noise at residential properties along 1st Avenue NE	Interior of department store	70	2
Existing night-time noise on 1st Avenue NE	Ordinary conversation at 3 feet	60	1
	Quiet car at low speed	50	1/2
	Average office	40	1/4
	City residence, interior	30	1/8
	Quiet country residence, interior	20	1/32
	Rustle of leaves	10	1/64
	Threshold of hearing	0	1/128

¹ As compared to ordinary conversation at 3 feet

Source: U.S. Department of Housing and Urban Development, *Aircraft Noise Impact Planning Guidelines*, November 1972

NORTHGATE STATION

NORTHGATE LINK EXTENSION



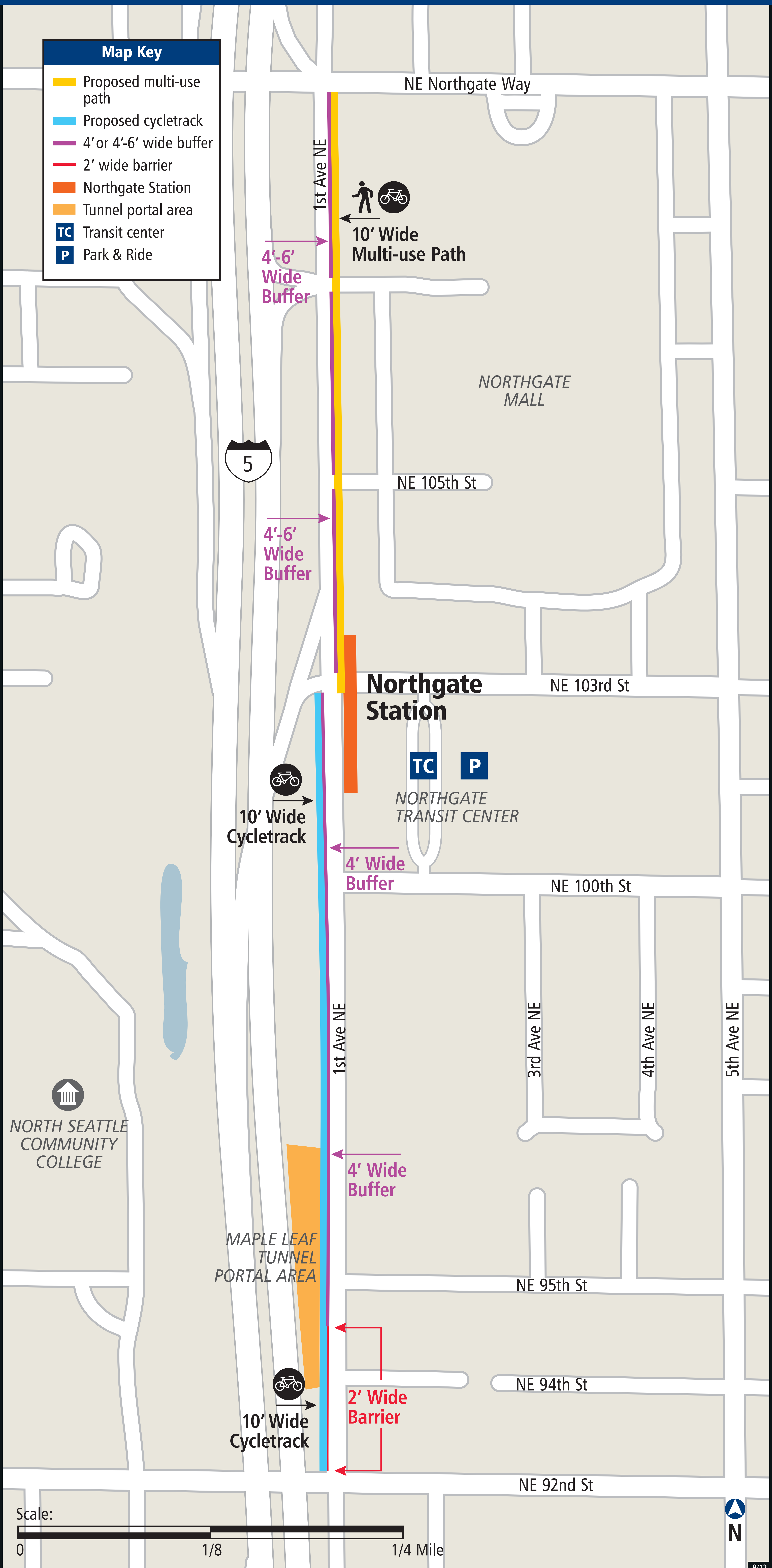
POTENTIAL ACCESS IMPROVEMENTS

NORTHGATE STATION



PROPOSED MULTI-USE PATH & CYCLETRACK

SEATTLE DEPARTMENT OF TRANSPORTATION



CONSTRUCTION TRUCK HAUL ROUTES

MAPLE LEAF PORTAL



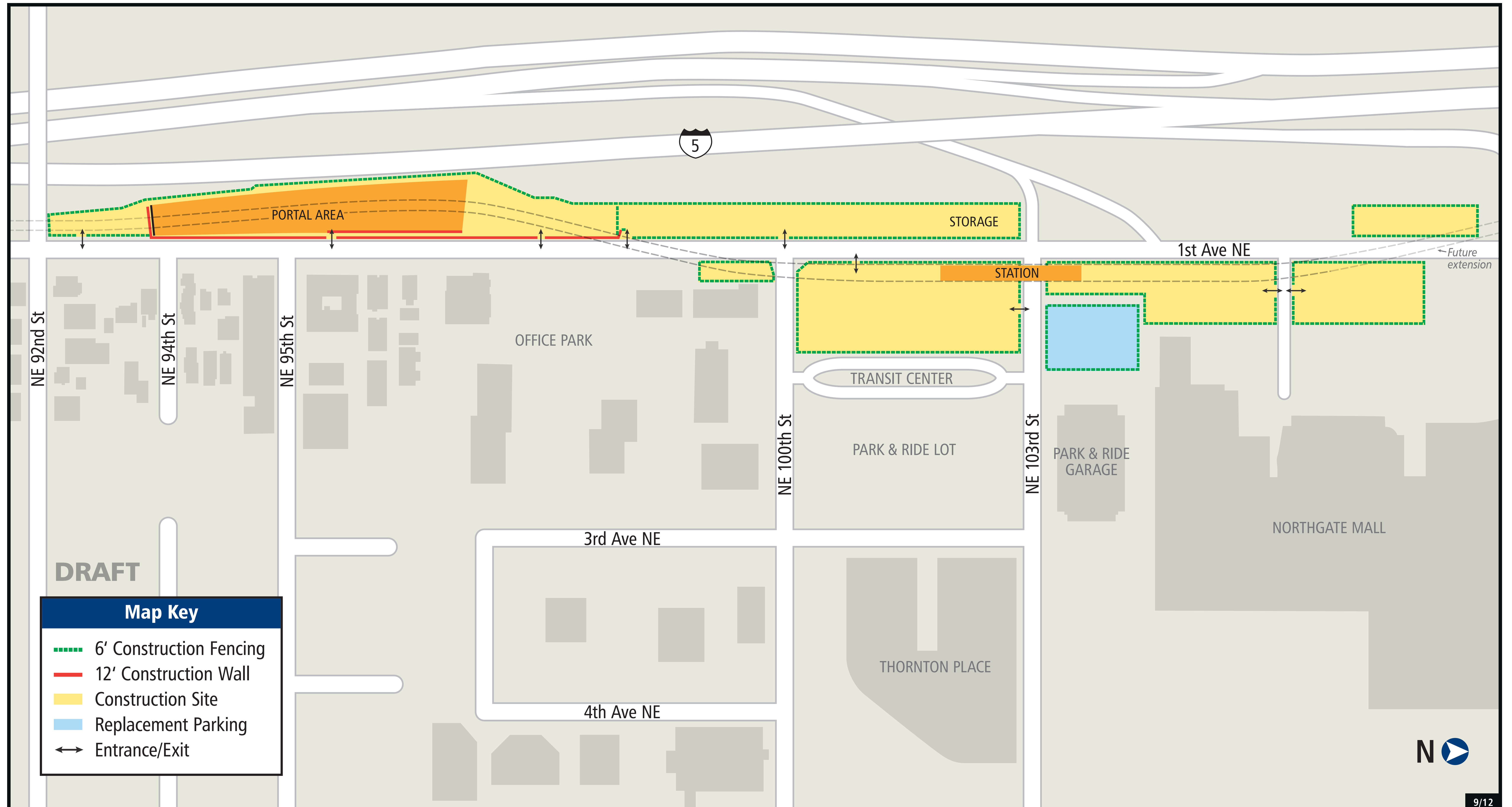
CONSTRUCTION TRUCK HAUL ROUTES

NORTHGATE STATION

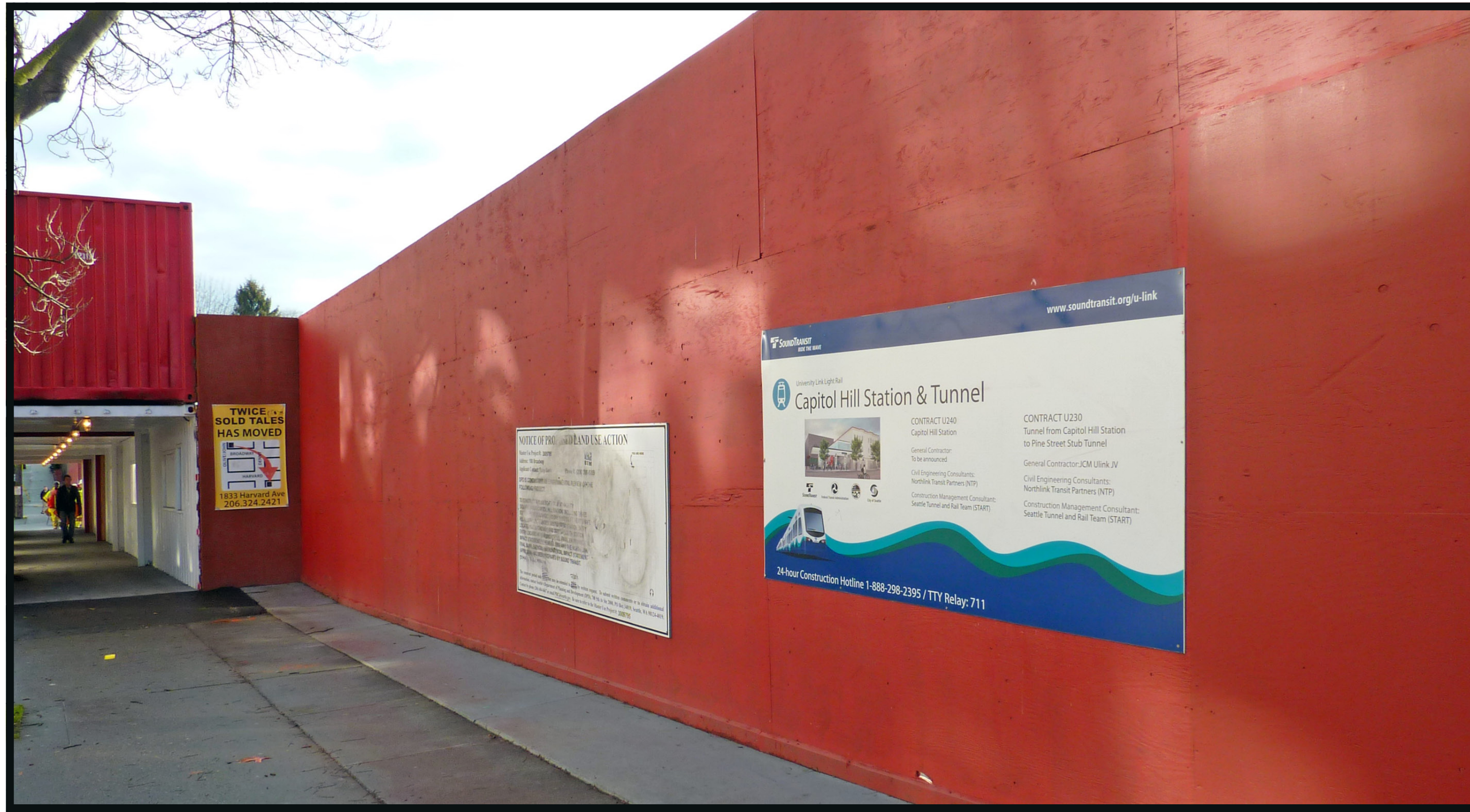


CONSTRUCTION STAGING AREAS

MAPLE LEAF PORTAL & NORTHGATE STATION



Typical noise mitigation



- Solid plywood construction wall
- Stationary equipment (compressors, generators) enclosed in noise reducing material
- Limited daytime and nighttime truck operations
 - No beeping alarms during day or night
 - Engine idle limit of 5 minutes
- Monitoring

What goes on at night?



- Tunnel ventilation fans, pumps, air compressors
- Generator
- Vehicles
- **No high impact equipment (jackhammers, concrete saws, etc.)**



UTILITY RELOCATION – OVERHEAD POWERLINES

MAPLE LEAF PORTAL

