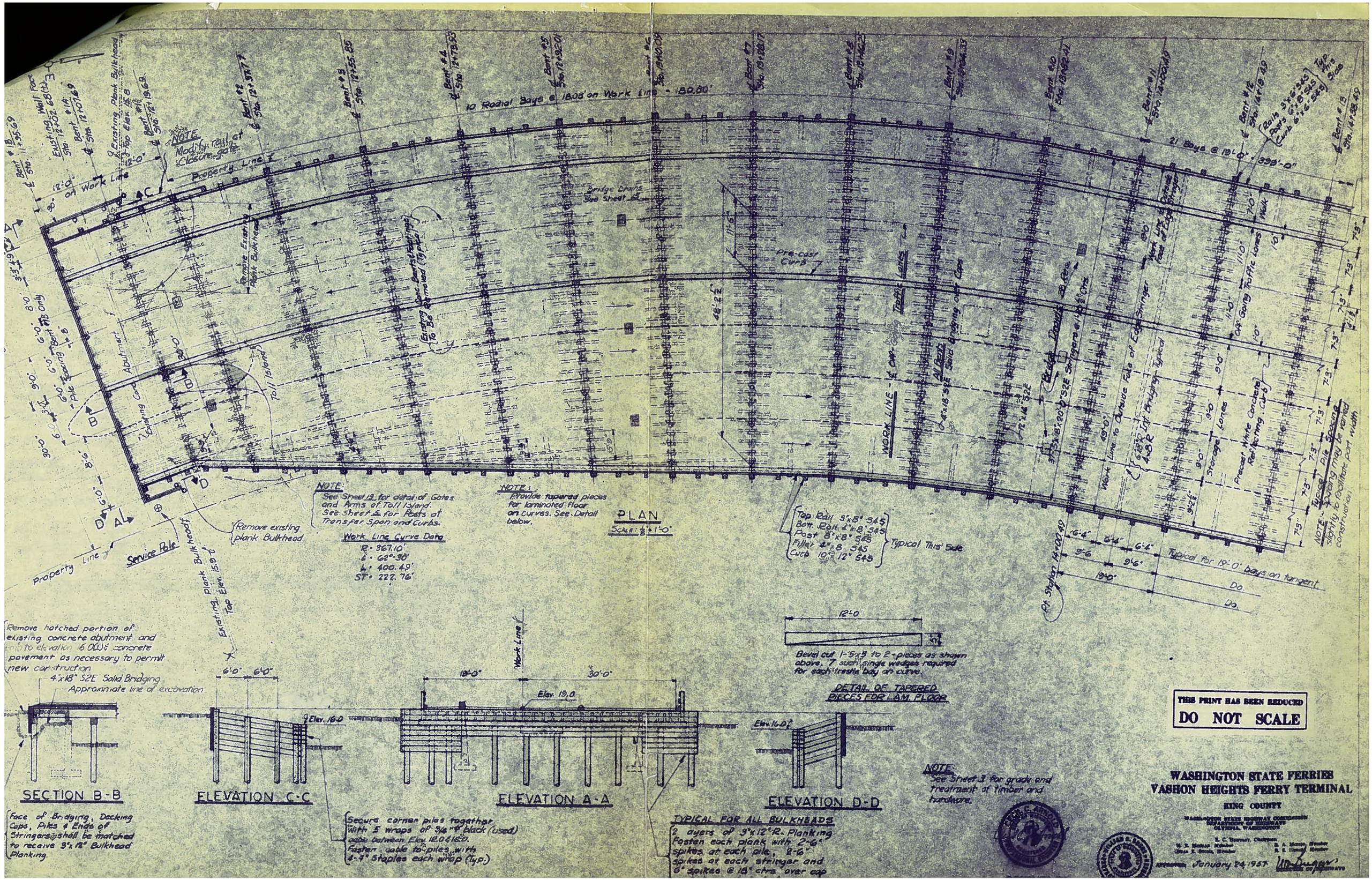
10 Radial Bays @ 18.08' on Work Line = 180.80'
21 Bays @ 19'-0" = 399'-0"
Bent #1 Sta. 12+73.23
Bent #2 Sta. 12+57.77
Bent #3 Sta. 12+55.85
Bent #4 Sta. 12+52.01
Bent #5 Sta. 12+48.09
Bent #6 Sta. 12+28.27
Bent #7 Sta. 12+08.45
Bent #8 Sta. 11+88.63
Bent #9 Sta. 11+64.35
Bent #10 Sta. 11+62.21
Bent #11 Sta. 11+20.49
Bent #12 Sta. 11+19.49
Bent #13 Sta. 11+38.49
Bent #14 Sta. 12+07.69
Bent #15 Sta. 12+55.69
Existing Wall Face Sta. 12+02.68 (±)
Existing Plank Bulkhead Top Elev. 15.8
Remove existing plank Bulkhead
NOTE Modify rail at Closure Gate
Property Line
Service Pole
Abutment
Toll Island
Existing Conc. Bent Stringers (Typical)
Bridge Drains See Sheet 4
Pre-cast Curb
Traffic Lanes
WORK LINE - ℄ Curve
Bridge Deck Area
Work Line to Curbside Face of Edge Stringer
Precast White Concrete Reflecting Curb
Storage Lanes
Walk
Typical Pile Spacing may be varied slightly to facilitate part width construction
Typical for 19'-0" bays on tangent
Do.
Do.
NOTE: See Sheet 19 for detail of Gates and Arms of Toll Island. See Sheet 4 for Posts at Transfer Span and Curbs.
NOTE: Provide tapered piece for laminated floor on curves. See Detail below.
Work Line Curve Data
R = 367.10'
Δ = 62°-30'
L = 400.49'
ST = 222.76'
Top Rail 9"x8" S4S
Bott. Rail 2"x8" S4S
Post 8"x8" S4S
Fillet 2"x8" S4S
Curb 10" x 12" S4S
Typical This Side
PLAN
Scale: 1/8" = 1'-0"
Remove hatched portion of existing concrete abutment and trim to elevation 6.0(±) concrete pavement as necessary to permit new construction
4"x18" S2E Solid Bridging
Approximate line of excavation
Face of Bridging, Decking Caps, Piles & Ends of Stringers shall be matched to receive 3"x12" Bulkhead Planking
SECTION B-B
Elev. 16.0
ELEVATION C-C
Secure corner piles together with 5 wraps of 3/4" ϕ black (used) cable between Elev. 12.0 & 16.0. Fasten cable to piles with 4-4" Staples each wrap (Typ.)
Elev. 19.0
ELEVATION A-A
TYPICAL FOR ALL BULKHEADS
2 layers of 3"x12" R. Planking Fasten each plank with 2-6" spikes at each pile, 2-6" spikes at each stringer and 6" spikes @ 18" ctrs. over cap
Elev. 16.0
ELEVATION D-D
Bevel cut 1-3"x3" to 2-pieces as shown above. 7 such single wedges required for each trestle bay on curve.
DETAIL OF TAPERED PIECES FOR LAM. FLOOR
NOTE: See Sheet 3 for grade and treatment of timber and hardware.
THIS PRINT HAS BEEN REDUCED
DO NOT SCALE
WASHINGTON STATE FERRIES
VASHON HEIGHTS FERRY TERMINAL
KING COUNTY
WASHINGTON STATE HIGHWAY COMMISSION
DEPARTMENT OF HIGHWAYS
OLYMPIA, WASHINGTON
January 24, 1957