CONTRACT NO. RTA / LR 0177-09

NORTHGATE LINK EXTENSION RAIL PROJECT

CONTRACT N180

TRACK WORK (FLOATING SLAB ONLY)

CONTRACT DRAWINGS

90% SUBMITTAL

SEPTEMBER 2012
NORTHGATE LINK EXTENSION LIGHT RAIL

CONTRACT NO. RTA / LR 0177-09

CONTRACT N180

TRACKWORK (FLOATING SLAB ONLY)

90% SUBMITTAL

SEPTEMBER 2012

PROJECT LOCATION MAP

Approved: __________________________ Date: __________________________

Civil Engineering Manager

TYPICAL 80' FLOATING SLAB SEGMENT BETWEEN SPECIAL EMI CABLE TRENCH SLABS

SCALE: 1/8" = 1'-0"

NOTES:
1. FOR LOCATION OF EMI CABLES IN EACH TUNNEL, SEE LAYOUT DRAWING.
2. FOR FLOATING SLAB WITH SUPERELAVATION, SEE DRAWINGS L-149208 & 149209.
3. REFER TO TRACK TUNNEL SECTIONS FOR SPECIFIC OFFSETS IN TUNNEL FOR TRACK CURVING WORK 149 & 150.
4. THE SLABS SHOWN IN DESIGN ARE FOR BOTH TANGENT AND CURVED SUPERELAVATION TRACK.

City of Seattle

Parsons Brinckerhoff

Sound Transit

Link Contract N180

Trackwork

TYPICAL FLOATING SLAB LAYOUT

60 FT SEGMENT FOR EMI INSTALLATION
NOTES:
1. ALL RUBBER PAD SHAPES TO BE NATURAL RUBBER.
2. RUBBER PADS TYPES II, III, AND IV TO BE PAINTED FOR IDENTIFICATION-ACCORDING TOloops OF CIRCLE PADS AS SHOWN IN INCH HIGH LETTERS.
3. PREPARE STEEL PLATE SURFACE FOR BONDING RUBBER ACCORDING TO SPECIFICATION SECTION G-411.
PLAN VIEW
SCALE: 1/2" = 1'-0"

DEVELOPED ELEVATION
SCALE: 1/2" = 1'-0"

SECTION VIEW AT FLOATING SLAB TO FIXED TRANSITION
SCALE: 1/2" = 1'-0"

NOTES:
1. REFER TO TRACK TUNNEL SECTIONS FOR SPECIFIC OFFSETS IN TUNNELS - DEPTH SHOWN AS EXAMPLE.
2. ELEVATIONS STATED FOR STA 60+16.
3. FOR TYPICAL FLOATING SLAB INSTALLATION REFER TO DRAW NO. 70102.
4. FOR DIRECT HARDEN TRACK INSTALLATION REFER TO DRAW NO. 70102.

City of Seattle

Trackwork

Geometric Layout Interface Detail
Transfer Floating Slab to Fixed Invert End of Floating Slab

L10-KD321

Parsons Brinckerhoff

Sound Transit

505 East Haller Ave.

06/12/12

06/12/12

120 0
FLOATING SLAB PLAN 3'-10" PANEL

SCALE: 1" = 1'-0"

SECTION WITH UTILITY SLOT

SCALE: 1" = 1'-0"

NOTES:
1. FOR SLAB SIDES AND DETAILS NOT SHOWN SEE L18-4210A.
2. PROVIDE 1" CLEAR CONCRETE COVER TOP, BOTTOM AND ALL SIDES.
3. ALL CORNERS SHALL HAVE A 1/2 RADIUS UNLESS OTHERWISE NOTED.