COMMISSION COMMENTS FROM 3/3 MEETING

1. Who uses the bridge, why?
2. Alternative routes at street level
3. Skybridge design
4. Effect on existing buildings
5. Skybridge design details: structure, glazing, width, height, etc.
6. Function: existing and proposed program
7. Public art, locate near or on the bridge
SKYBRIDGE REVIEW MERIT

As part of its review and recommendations, the Commission first considers the merit of installing the existing skybridge. For new skybridges, the Commission considers the following standards found in SMC 15.64:

- Adequacy of horizontal and vertical clearance
- View blockage
- Interruption or interference with existing streetscape or other street amenities
- Impacts due to reduction of natural light
- Reduction of and effect on pedestrian activity at street level
- Number of pedestrians that use the skybridge
- Effect on commerce and enjoyment of neighboring land uses
- Availability of reasonable alternatives
- Effect on traffic and pedestrian safety
- Accessibility for the elderly and handicapped
BACKGROUND
SWEDISH FIRST HILL

[Image of aerial view showing NW Tower, Block 95, and the surrounding area in the Swedish First Hill neighborhood of Seattle.]
PROPOSED PETITIONS

SDOT PETITIONS
1. Block 95 Alley Vacation
2. Minor Skybridge
SKYBRIDGE SCHEDULE

REVIEW MEETINGS

19 December 2015  Skybridge Review Committee
08 February 2016  Skybridge Review Committee Response
09 February 2016  Prep for Seattle Design Commission
03 March 2016    Seattle Design Commission Briefing
08 March 2016    Skybridge Review Committee
18 March 2016    Prep for Seattle Design Commission
22 March 2016    Skybridge Review Committee
07 April 2016    Seattle Design Commission Review
NEIGHBORHOOD LANDMARKS AND CHARACTER

St James
8th Ave Hill Climb
Healthcare Community
Frye Art Museum
Sports and Recreation
Versatile Transit
Jefferson Terrace
Community Gardens
Multi-family Housing
Harborview Medical
Town Hall
O’Dea High School
NEIGHBORHOOD EXISTING SKYBRIDGES

- Existing Marion skybridge
- Swedish Orthopedic skybridge
- Harbor View skybridge
- East James way skybridge
SKYBRIDGE NEED

PATIENTS:
Many patients in Block 95 will be high acuity, mobility-impaired (wheelchairs, walkers, shortness of breath, etc) and are often connected to support equipment such as oxygen tanks.

In Block 95, projected patient visits are over 2,000 per day. Of those, at least 10% (200 patients) will need to go directly to the hospital for a diagnostic evaluation, emergency visit, or procedure (stent, etc).

PROVIDERS:
Expect 230 procedure per year that interventionalists need to respond to from their office to the main hospital.

Anticipate approximately 3 code calls per month in Block 95.

Surgical physicians are called for urgent response between 4 and 6 times daily.

Patients with open chests expected 3 times per month.
SKYBRIDGE NEED

EQUIPMENT:
Medical technicians transport medical equipment (e.g. echocardiography cart) between Block 95 and the hospital, approximately 350 times per year. This equipment is very expensive ($160,000), requires sensitive calibration, and cannot be transported outdoors. Cart is very heavy, requiring two people to transport it.
SKYBRIDGE PURPOSE - BUILDINGS FUNCTION / PROGRAM

NORTHWEST TOWER PROGRAM
Surgery
Intensive care unit
Emergency Department
Inpatient Imaging
Dining
Registration
Pharmacy
Hospital Retail
Connection to rest of campus

BLOCK 95 PROGRAM
Clinics
Lab
Imaging
Cafe
Parking
Loading
Materials Management
Kitchen
SWEDISH FIRST HILL - BUILDINGS FUNCTION / PROGRAM
SKYBRIDGE PURPOSE // TRAVEL ROUTE
SKYBRIDGE ALTERNATES

- **At grade**
- **Below grade (tunnel)**
- **Above grade (skybridge)**
ALTERNATE TRAVEL ROUTES - AT GRADE

- Adds ambulance circulation to street
- Effects pedestrian safety
- Added time for patient to receive required care
- Adds circulation for patients, staff, and visitors requiring time-sensitive procedures

Circulation with Street Crossing

Alternative

Ambulance Route (for patients who cannot use street crossing)
ALTERNATE TRAVEL ROUTES - AT GRADE

Requires mobility impaired patients to travel sloped and ramped surfaces, often in inclement weather

Sidewalks have a 6% slope on Minor Avenue

Some highly calibrated, sensitive, and expensive equipment cannot be exposed to inclement weather and uneven exterior sidewalk surfaces
GROUND LEVEL STREETSCAPE: BLOCK 95 ENTRY
GROUND LEVEL STREETSCAPE: NORTHWEST TOWER ENTRY
ALTERNATE TRAVEL ROUTES - BELOW GRADE

New service tunnel cannot accommodate pedestrian or patient traffic safely next to all of the service equipment that is required.

Patient experience is compromised by the need to use multiple additional elevator transfers and circulate through service and parking levels.

Tunnel alternative at South Tower conflicts with essential surgery program.
ALTERNATE TRAVEL ROUTES - BELOW GRADE UTILITIES

- ALTERNATIVE TUNNEL LOCATION
- SKYBRIDGE
- PROPOSED SERVICE TUNNEL
- NORTHWEST TOWER
- MINOR AVENUE R.O.W.
- BLOCK 95
TUNNEL ALTERNATIVES

PROPOSED UTILITY TUNNEL AT MAX SIZE

NO EXISTING FLOOR BEYOND MECHANICAL AT LEVEL B

CONFLICTS WITH UTILITIES

DISPLACES SURGICAL PROGRAM (PUBLIC CANNOT ENTER A STERILE SURGICAL CORRIDOR)
SKYBRIDGE ALTERNATIVES

A Skybridge is too close to new critical care patient rooms, extra long, and above building entry and public garden

B Skybridge displaces entire Patient Care Unit, which is very expensive and premium space

C Grade requires skybridge to move up to level 03, displacing an Infant Care Unit, and creating a longer travel route between destinations, see level 03 plan

* Preferred location connects directly to main circulation routes and provide a clear sense of wayfinding
SKYBRIDGE WAYFINDING // LINKS AND NODES
EXISTING CONDITIONS AND REQUIREMENTS
EXISTING CONDITIONS

MINOR AVENUE
EXISTING SITE PHOTOS
MINOR AVENUE

Minor Avenue Elevation East

Minor Avenue Elevation West
SKYBRIDGE LOCATION

MINOR AVENUE
MINOR SKYBRIDGE - CODE REQUIREMENTS

Minor Avenue is a non-arterial street.
Minor Avenue is not a major truck route or freight corridor.

Bridge clearance requirements:
16.5 feet required from roadway surface to bottom of bridge.

Bridge will accommodate the largest truck serving the hospital, a WB-67 which has a standard height of 13’-6”.

Bridge will accommodate the largest fire truck serving the hospital, a Duplex QS-100 which requires a vertical clearance of 11’-6”.
SKYBRIDGE DESIGN
PROGRAM CONNECTIONS // LEVEL 02
CAMPUS CONNECTIONS
SKYBRIDGE ELEVATION
LOOKING SOUTH

MINOR AVE

OVERALL LENGTH

210'

13'-1"

18'-7"

2.54%

66' ROW
SKYBRIDGE SECTION
LOOKING NORTH

MINOR AVE

66' ROW

210'
OVERALL LENGTH

14'-6"

17'-3"

2.54%

OVERALL LENGTH

14'-6"

17'-3"

2.54%

MINOR AVE
SKYBRIDGE ARRIVAL
AT EXISTING HOSPITAL
DETAIL SECTION / ENLARGED SOUTH ELEVATION

1 Metal Roof
2 Glass Fin
3 SSG Curtain Wall
4 Steel Truss
5 Mechanical Grill
6 Ceiling
7 Drain Beyond
8 Handrail
9 Bench
10 Terrazzo Floor
11 Luminous Soffit
12 Concrete Column
DETAL SECTION / ENLARGED NORTH ELEVATION

1. Metal Roof
2. Glass Fin
3. SSG Curtain Wall
4. Steel Truss
5. Mechanical Grill
6. Ceiling
7. Drain Beyond
8. Handrail
9. Bench
10. Terrazzo Floor
11. Luminous Soffit
12. Concrete Column
ON SKYBRIDGE // LOOKING EAST
SKYBRIDGE ARRIVAL // TERRACE PRECEDENTS
SKYBRIDGE ROOF GARDEN
EXISTING CONDITIONS
SKYBRIDGE ROOF GARDEN

TO PUBLIC ELEVATORS

PATIENT ROOMS

PLANTING BELOW

SKYBRIDGE

WALKWAY BELOW

LEVEL 2 CORRIDOR

PATIENT TRANSPORT ELEVATORS

MAINTENANCE ACCESS

PATIENT ROOMS

CLINICAL DECISION UNIT

70'

42'

PATIENT ROOMS

NEONATAL INTENSIVE CARE UNIT

PUBLIC ELEVATORS

SEATING

SEATING

NEW PLANTING AREA, TYP.

EXISTING SKYLIGHT, TYP.

UPTURNED STONES

CRUSHED ROCK SURFACING

ENLARGED WINDOW

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SKYBRIDGE ROOF GARDEN MATERIALS
BELOW SKYBRIDGE // ON MINOR
LOOKING SOUTH ON MINOR AVENUE
PUBLIC BENEFITS
PUBLIC BENEFITS SUMMARY

MINOR AVE SKYBRIDGE
1. Minor Ave Garden
2. Public Art - Minor Ave Garden
3. Public Art - Skybridge
4. Minor & Columbia Raised Intersection
5. Minor Ave ROW Enhancements

BLOCK 95 ALLEY VACATION
1. The First Hill Mile
2. First Hill Park Funding
3. Public Art
4. Minor Ave Voluntary Setback
5. Boren Voluntary Setback
6. Columbia St ROW Enhancements
7. Cherry St ROW Enhancements
8. Boren & Cherry Ped Crossing
9. Minor & James Ped Crossing
PUBLIC BENEFITS SUMMARY

COLOR, BRIDGE

MINOR AVE SKYBRIDGE
1 Minor Ave Garden
2 Public Art - Minor Ave Garden
3 Public Art - Skybridge
4 Minor & Columbia Raised Intersection
5 Minor Ave ROW Enhancements
<table>
<thead>
<tr>
<th>PUBLIC BENEFIT</th>
<th>DESCRIPTION</th>
<th>QUANTITY (APPROX)</th>
<th>CODE REQ’D</th>
<th>MIMP REQ’D</th>
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<tbody>
<tr>
<td>1 - Minor Ave Garden</td>
<td>3,200 SF of publicly accessible open space directly adjacent to Minor Ave</td>
<td>3,200 SF</td>
<td>None</td>
<td>None</td>
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<tr>
<td></td>
<td>1,500 SF of planting area</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>100 LF of seating elements</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>Landscape pedestrian lighting to 1/2 fc</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td>8 trees</td>
<td></td>
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<tr>
<td>2 - Publicly Accessible Art -</td>
<td>Curated outdoor sculpture collection located in Minor Ave Garden</td>
<td>Budget $150K</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Minor Ave Garden</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3 - Publicly Accessible Art -</td>
<td>Work with selected artist on significant artwork element on Minor Ave</td>
<td>Budget $350K</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Minor Skybridge</td>
<td>Skybridge</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 - Minor and Columbia</td>
<td>Intersection and sidewalk improvements to enhance pedestrian safety</td>
<td>3,400 SF</td>
<td>None</td>
<td>None</td>
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<tr>
<td>Intersection</td>
<td></td>
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<tr>
<td>5 - Minor Ave Enhanced ROW</td>
<td>Expanded pedestrian streetscape including street paving, curb, sidewalk</td>
<td>3,700 SF</td>
<td>None</td>
<td>None</td>
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<tr>
<td></td>
<td>and curb ramps, street trees, planting and pedestrian lights</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
PROPOSAL

- Minor Ave Garden is located at the intersection of Columbia St and Minor Ave and takes advantage of the view west towards downtown.
- The garden is universally accessible from Minor Ave and invites the public into a highly visible, safe and secure garden setting with abundant seating and curated with outdoor public art.
- The planting concept for the garden will be based on medicinal plants to support wellness, healing and respite.
1- MINOR AVE GARDEN
SITE PLAN

- MINOR AVE GARDEN
- SITE PLAN

- MINOR AVE
- EXISTING
  SOUTH TOWER

- Seasonal Plantings
- Crushed Rock Surfacing
- Wood Garden Benches
- Stone Feature Wall
- to NW Tower Entry

- +344
- +346
- +348
- +347.5
- +348.5
1 - MINOR AVE GARDEN IMPROVEMENTS

ENTRY AND CIRCULATION

- Hospital Circulation
- Garden Circulation

SEATING

- Accessible seat w/backs

VIEW OF DOWNTOWN
1- MINOR AVE GARDEN

IMPROVEMENTS

PLANTINGS

Planting areas

ART

Potential sculpture locations
1- MINOR AVE GARDEN
MATERIALS BOARD
BACKGROUND

- The Swedish Public Art Program was initiated in the fall of 2015 and recently received approval by the Seattle Design Commission for the First Hill Mile art proposals (Block 95 Alley Vacation)
- The program is developed to be a transparent, thoughtful, and authentic process integrated with the City’s art mandate while upholding the mission and values of Swedish’s art collection
- 4Culture is engaged by Swedish to lead and manage the art program

CRITERIA

The Swedish Public Art Program will:

- Honor and carry forward the Swedish Art Collection, in outdoor public space
- Support wellness, healing and respite
- Connect with the First Hill neighborhood, its history and current context
- Spotlight Northwest artists

Artist selection is based on the following criteria:

- Quality and strength of past work as demonstrated in submitted application materials
- Consideration for visibility during the day and at night
- Demonstrated experience working on integrated and collaborative design team projects
- Experience with durable materials
- Availability to begin design work in 2Q 2106

2 & 3 - PUBLIC ART

2) Garden Budget: $150k
3) Skybridge Budget: $350k
THE PROPOSAL

- Swedish is proposing two separate public benefits for art
  
  1) **$150K budget** for outdoor sculpture garden through direct purchase by Swedish of Northwest Artists’ artwork to be located in Minor Ave Garden and accessible to the public
  
  2) **$350K budget** to engage artist from the Pacific Northwest thru an invitational call to collaborate with the design team on the Minor Ave skybridge. The selection committee will be comprised of community, Swedish, design team and public artists.

- Swedish requests that the review of artist proposals and direct purchases be deferred to the Swedish Public Art Advisory Committee (SPAAC). The committee is comprised of community members, art professionals, Swedish staff, design team and a member(s) from SDC.

- Artist proposals will address all submittal requirements noted in the SDC art policy documents

- The SDC member(s) will report back to SDC, SDOT Street vacations manager and SDCI land use planner to confirm review and approval of the art concept plans per the requirements noted above
4 - MINOR & COLUMBIA RAISED INTERSECTION

PROPOSAL

• A partially raised intersection at Columbia St and Minor Ave

• The intersection was approved by SDOT SIP project manager (working with traffic operations, accessibility and urban design staff) to move to 60% design

• The intersection will be constructed of concrete raised 3” above street level with the remaining 3” handled with a pedestrian curb ramp. Standard finishes and crosswalk striping will be as approved by SDOT thru the SIP process
4 - MINOR & COLUMBIA RAISED INTERSECTION

RENDERING BY STEPHANIE BOWER
PROPOSAL

- Improve the east side of Minor Ave directly fronting the existing emergency department and not required by adjacent projects
- Improvements include new street paving, curb, sidewalk and curb ramps, street trees, plantings and pedestrian lights

PUBLIC BENEFIT SUMMARY

4,100 SF of Open Space
5 - MINOR AVE ROW IMPROVEMENTS

CONTEXT

Project Improvements
Recent Improvements
Minor Ave Enhanced ROW