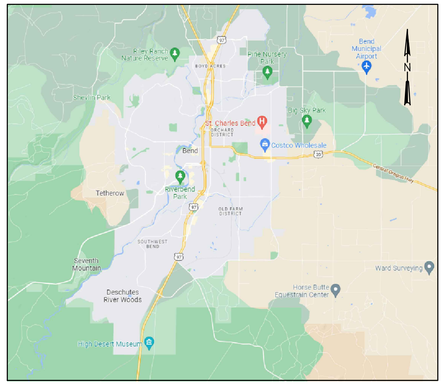



## VICINITY MAP

SCALE:

CITY OF BEND

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS FEASIBILITY STUDY

## OCTOBER, 2022

## CITY PROJECT NO. 1TMTC

CITY OF BEND, DESCHUTES COUNTY, OREGON

OWNER:

[ NAME ]
[ADDRESS]
[CITY, STATE & ZIP]
[PHONE NUMBER]

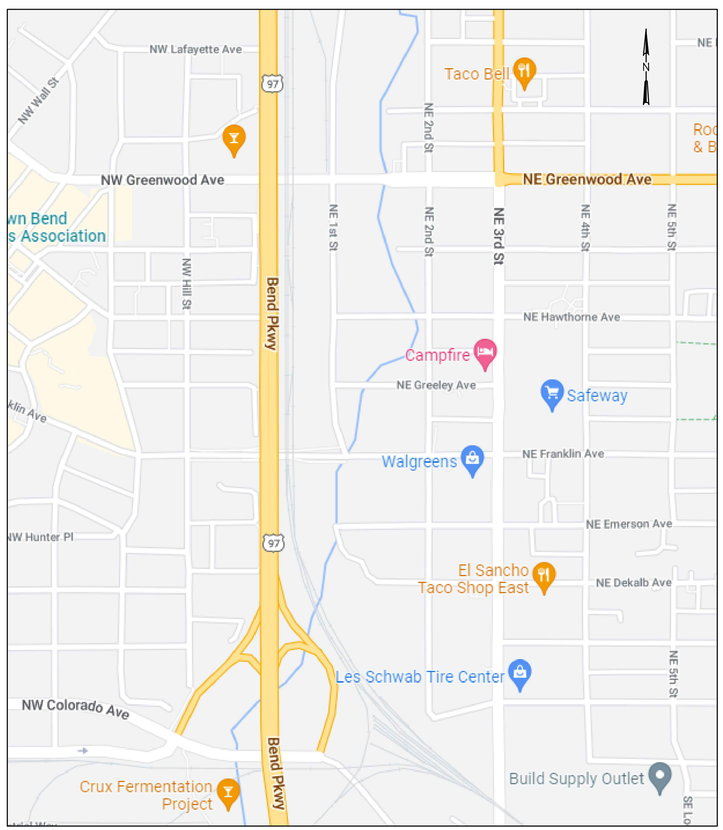
### SCHEDULE OF IMPROVEMENTS:

**CITY OF BEND:**

# LF FULL STREET IMPROVEMENT
# LF SIDEWALK
# LF #" CURB
# CURB RAMPS
# STREET LIGHTS
# LF #" PVC-3034 SEWER MAIN
# MANHOLES
#-4" SEWER SERVICES
# STORM CATCH BASINS
# DRYWELLS
# LF #" STORM PIPE
# LF #" DI WATER MAIN
# LF #" DI WATER MAIN
# FIRE HYDRANTS
#- #" WATER SERVICES

**PRIVATE:**

# LF #" DI WATER MAIN
# LF #" DI WATER MAIN
# FIRE HYDRANTS
#- #" WATER SERVICES




## SITE PLAN

SCALE:

## LEGEND:

BENCHMARK (FOUND)
BENCHMARK (SET)
CB CATCH BASIN
CO CLEANOUT
CONCRETE
CONIFEROUS TREE
CONTROL MON
CULVERT
DECIDUOUS TREE
DW DITCH INLET
DW DRYWELL
GM GAS METER
GV GAS VALVE
GRAVEL
GUY WIRE
HANDICAP
MAILBOX
MONUMENT (FOUND)
MONUMENT (SET)
RAILROAD CROSSING ARM
SANITARY MANHOLE
SIDEWALK
SIGN
STORM MANHOLE
TELEPHONE RISER
TELEPHONE MANHOLE
TRAFFIC SIGNAL CONTROL BOX
TRAFFIC SIGNAL W/ MAST ARM
UTILITY POLE
UTILITY POLE/LIGHT
UTILITY VAULT W/ MANHOLE
WATER AIR RELEASE VALVE
WATER BELL JOINT
WATER BLIND FLANGE
BO WATER BLOW OFF VALVE
WATER BUTTERFLY VALVE
WATER CHECK VALVE
WATER COMBINATION AIR RELEASE VALVE
WATER DOUBLE DETECTOR CHECK VALVE
WATER FIRE DEPT CONNECTION
WATER FIRE HYDRANT
WATER FLANGED GATE VALVE
WATER FLANGED BY MECHANICAL JOINT GATE VALVE
WATER GATE VALVE
WATER MECHANICAL JOINT
WM WATER METER
WATER PRESSURE REDUCING VALVE
WATER PRESSURE REGULATOR/SUSTAINING
WATER PRESSURE RELIEF VALVE
WATER RESTRAINED MECHANICAL JOINT
WATER SAMPLE STATION
WATER SINGLE DETECTOR CHECK VALVE
WATER THRUST BLOCK (STRADDLE)
WATER THRUST BLOCK

BANK (BOTTOM)
BANK (TOP
CATV CABLE TV
CANAL
CENTERLINE
DITCH (CENTER)
EC EDGE OF CONCRETE
EG EDGE OF GRAVEL
EP EDGE OF PAVEMENT
EASEMENT
X FENCE (OTHER)
FENCE (SILT)
FENCE (STEEL)
FO FENCE (WOOD)
FIBER OPTICS
FM FORCE MAIN
G GAS
GB GRADE BREAK
GR GUARDRAIL
IRR IRRIGATION
JB JERSEY BARRIER
PAVEMENT REPAIR
PROPERTY BOUNDARY
PROPERTY SETBACKS
P POWER
OH POWER (OVERHEAD)
RAILROAD
RIVER
SS SANITARY SEWER
SD STORM DRAIN
STRIPING
T TELEPHONE
W WATER

FADED BLACK FEATURES ARE EXISTING (EXCEPT FOR FOUND MONUMENTS)

[ON COVER SHEET IF APPLICABLE]

## APPROVALS:

CITY OF BEND ENGINEER:_____

NOTE: SIGNATURE DOES NOT GRANT APPROVAL TO COMMENCE CONSTRUCTION.

[REQUIRED UTILITY:_____]

[REQUIRED UTILITY:_____]

[REQUIRED UTILITY:_____]

[REQUIRED UTILITY:_____]

[REQUIRED UTILITY:_____]

## PERMANENT BENCH MARKS USED:

| IDENTIFICATION | DESCRIPTION |
|---|---|
| | |
| | |
| | |
| | |

## SHEET INDEX:

SEE SHEET C2

PRELIMINARY
CONSTRUCTION
STAMP
[ENGINEER]

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

COVER

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
1.
2.
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kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
P: 503.274.0611
F: 503.274.4681
www.kpff.com

DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
C1

COB #

File: N:\cip\2021\2100518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-01-COVER.dwg TAB:C1
Plotted: 9/2/22 at 2:34pm By: fredm

## SHEET INDEX:


C-1 COVER SHEET
C-2 SHEET INDEX
F1-1 FRANKLIN ALT 1 - CIVIL
F2-1 FRANKLIN ALT 2 - CIVIL
F2-2 PLAN AND ELEVATION (US 97) - ALT 2
F2-3 CONSTRUCTION STAGES 1 AND 2 (US 97) - ALT 2
F2-4 CONSTRUCTION STAGES 3 AND 4 (US 97) - ALT 2
F2-5 CONSTRUCTION STAGES 5, 6 AND FINAL (US 97) - ALT 2
F2-6 PLAN AND ELEVATION (BNSF) - ALT 2
F2-7 CONSTRUCTION STAGES 1 AND 2 (BNSF) - ALT 2
F2-8 CONSTRUCTION STAGES 3 AND FINAL (BNSF) - ALT 2
H1-1 HAWTHORNE ALTERNATIVE 1 - CIVIL
H1-2 HAWTHORNE ALTERNATIVE 1 - CIVIL
H1-3 HAWTHORNE ALTERNATIVE 1 - CIVIL SECTIONS
H1-4 HAWTHORNE ALTERNATIVE 1 - STRUCTURAL
H1-5 HAWTHORNE ALTERNATIVE 1 - STRUCTURAL
H1-6 HAWTHORNE ALTERNATIVE 1 - STRUCTURAL
H1-7 HAWTHORNE ALTERNATIVE 1 - STRUCTURAL
H1-8 HAWTHORNE ALTERNATIVE 1 - STRUCTURAL
H1-9 HAWTHORNE ALTERNATIVE 1 - ARCH. RENDERING
H1-10 HAWTHORNE ALTERNATIVE 1 -STRUCTURAL
H2-1 HAWTHORNE ALTERNATIVE 2 - CIVIL
H2-2 HAWTHORNE ALTERNATIVE 2 - CIVIL
H2-3 HAWTHORNE ALTERNATIVE 2 - CIVIL SECTIONS
H2-4 HAWTHORNE ALTERNATIVE 2 - STRUCTURAL
H2-5 HAWTHORNE ALTERNATIVE 2 - STRUCTURAL
H2-6 HAWTHORNE ALTERNATIVE 2 - STRUCTURAL
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H2-10 HAWTHORNE ALTERNATIVE 2 - STRUCTURAL
H3-1 HAWTHORNE ALTERNATIVE 3 - CIVIL
H3-2 HAWTHORNE ALTERNATIVE 3 - CIVIL
H3-3 HAWTHORNE ALTERNATIVE 3 - CIVIL SECTIONS
H3-4 HAWTHORNE ALTERNATIVE 3 - STRUCTURAL
H3-5 HAWTHORNE ALTERNATIVE 3 - STRUCTURAL
H3-6 HAWTHORNE ALTERNATIVE 3 - ARCH. RENDERING
H3-10 HAWTHORNE ALTERNATIVE 3 - STRUCTURAL
G1-1 GREENWOOD ALT 1 - CIVIL
G2-1 GREENWOOD ALT 2 - CIVIL
G2-2 GREENWOOD ALT 2 - STRUCT.
G2-3 GREENWOOD ALT 2 - STRUCT.
G2-4 GREENWOOD ALT 2 - STRUCT.
G2-5 GREENWOOD ALT 2 - STRUCT.


PRELIMINARY
CONSTRUCTION
[ENGINEERS]
STAMP
NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

SHEET INDEX

CITY OF BEND

DESCHUTES COUNTY, OREGON

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F: 503.274.4681
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FILE:
DATE: 09/02/2022

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
C2

COB #


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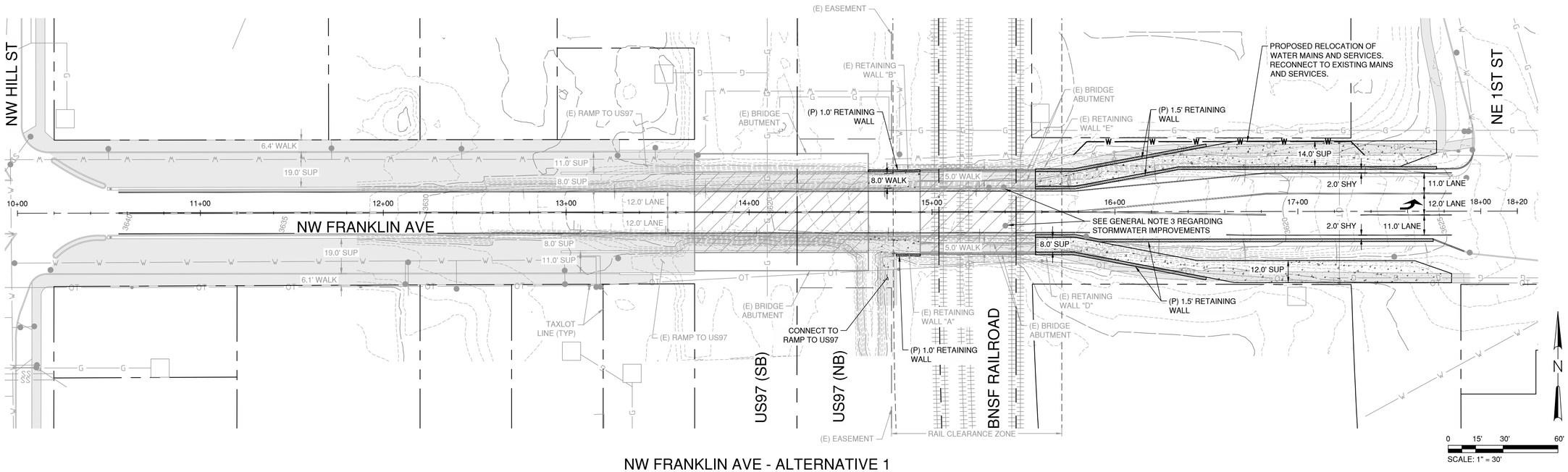
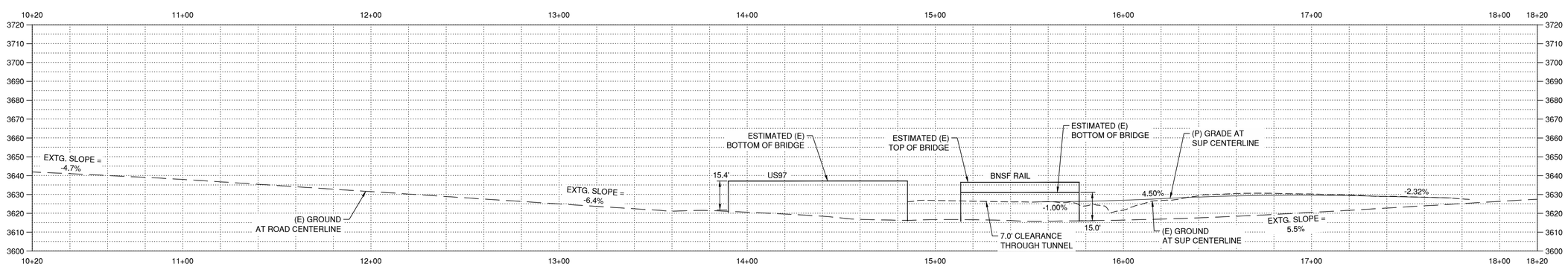



## NW FRANKLIN AVE - ALTERNATIVE 1
## PLAN VIEW




## NW FRANKLIN AVE - ALTERNATIVE 1
## PROFILE VIEW

## ABBREVIATIONS

| | |
|---|---|
| (E) OR EXTG. | EXISTING |
| ELEV | ELEVATION |
| (P) | PROPOSED |
| PT. | POINT |
| ROW | RIGHT-OF-WAY |

## LEGEND:

(E) OVERCROSSING

(P) CONCRETE

## GENERAL NOTES:

1. NO BOUNDARY OR TOPOGRAPHIC SURVEY HAS BEEN COMPLETED AS PART OF THE PROJECT.
2. INFORMATION SHOWN IS BEST-FIT BASED ON AVAILABLE DATA FROM GIS AND RECORD DRAWINGS. GAS LINE SHOWN IS APPROXIMATED FROM CASCADE NATURAL GAS (CNG) RECORD DRAWINGS. NO FIELD VERIFICATION HAS OCCURRED. INFORMATION SHOWN IS NOT INTENDED FOR CONSTRUCTION USE.
3. STORMWATER RELATED IMPROVEMENTS WERE NOT INCLUDED IN THESE PLANS AS CONCEPTUAL DESIGNS AND COSTS HAVE BEEN PREPARED BY THE CITY THROUGH CIP PROJECT NUMBER 1RFGU.
4. POTENTIAL UTILITY CONFLICTS AND RELOCATIONS TO BE RESOLVED THROUGH THE DESIGN PHASE.

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## FRANKLIN ALT 1 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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Parametrix
ENGINEERING. PLANNING. ENVIRONMENTAL SCIENCES
150 NW PACIFIC PARK LANE, SUITE 110 | BEND, OR 97701
P 541.508.7710
WWW.PARAMETRIX.COM

DESIGNED BY: JRW
DRAWN BY: SPR
SCALE: AS SHOWN
FILE: 297-3131-023-FKLN_ALT1_P&P
DATE: 9/13/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F1-1

COB # -------

File: U:\Bend\Projects\Clients\3131-KPFF\297-3131-023 Midtown Ped&Bike Xing\99Svcs\CADD\DWG\SHEETS\297-3131-023-FKLN_ALT1_P&P.dwg TAB:F1-1
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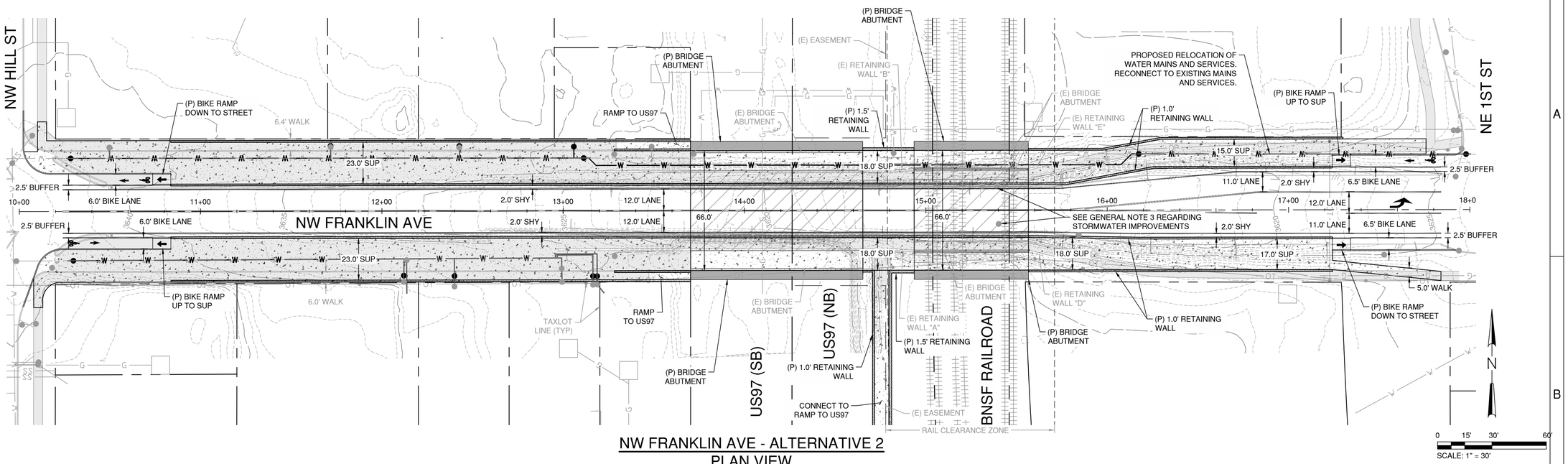
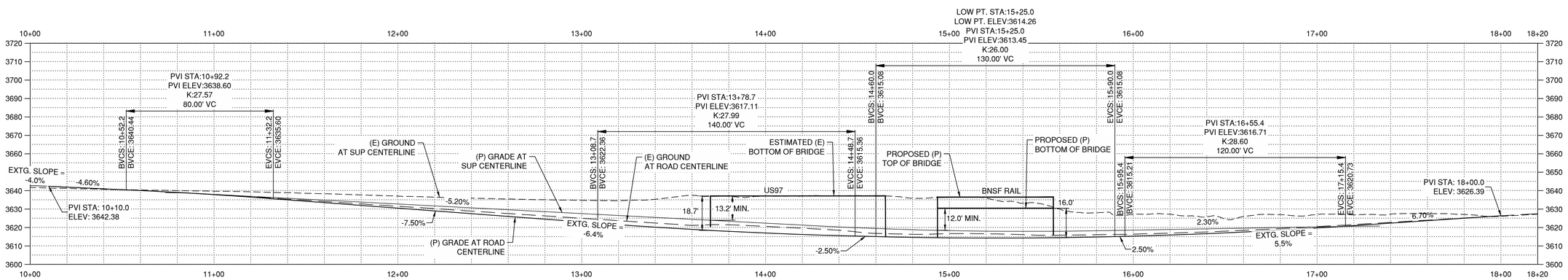



## NW FRANKLIN AVE - ALTERNATIVE 2
## PLAN VIEW




## NW FRANKLIN AVE - ALTERNATIVE 2
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 1'

## ABBREVIATIONS

| | |
|---|---|
| (E) OR EXTG. | EXISTING |
| ELEV | ELEVATION |
| (P) | PROPOSED |
| PT. | POINT |
| ROW | RIGHT-OF-WAY |

## LEGEND:

(E) OVERCROSSING

(P) CONCRETE

## GENERAL NOTES:

1. NO BOUNDARY OR TOPOGRAPHIC SURVEY HAS BEEN COMPLETED AS PART OF THE PROJECT.
2. INFORMATION SHOWN IS BEST-FIT BASED ON AVAILABLE DATA FROM GIS AND RECORD DRAWINGS. GAS LINE SHOWN IS APPROXIMATED FROM CASCADE NATURAL GAS (CNG) RECORD DRAWINGS. NO FIELD VERIFICATION HAS OCCURRED. INFORMATION SHOWN IS NOT INTENDED FOR CONSTRUCTION USE.
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4. POTENTIAL UTILITY CONFLICTS AND RELOCATIONS TO BE RESOLVED THROUGH THE DESIGN PHASE.

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS
## FRANKLIN ALT 2 - CIVIL
DESCHUTES COUNTY, OREGON

CITY OF BEND

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150 NW PACIFIC PARK LANE, SUITE 110 | BEND, OR 97701
P 541.508.7710
WWW.PARAMETRIX.COM

DESIGNED BY: JRW
DRAWN BY: SPR
SCALE: AS SHOWN
FILE: 297-3131-023-FKLN_ALT2_P&P
DATE: 9/13/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-1

COB # -------

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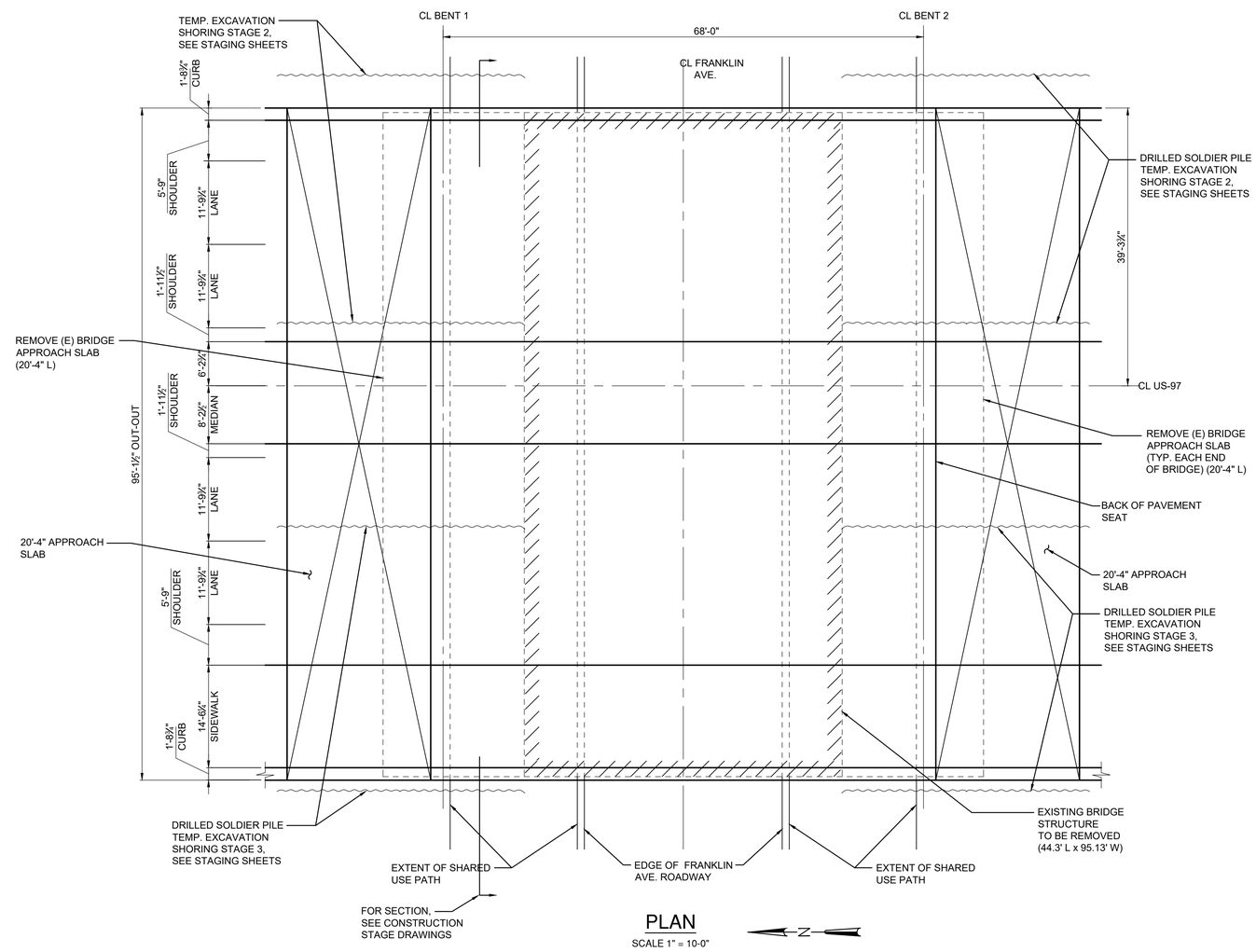
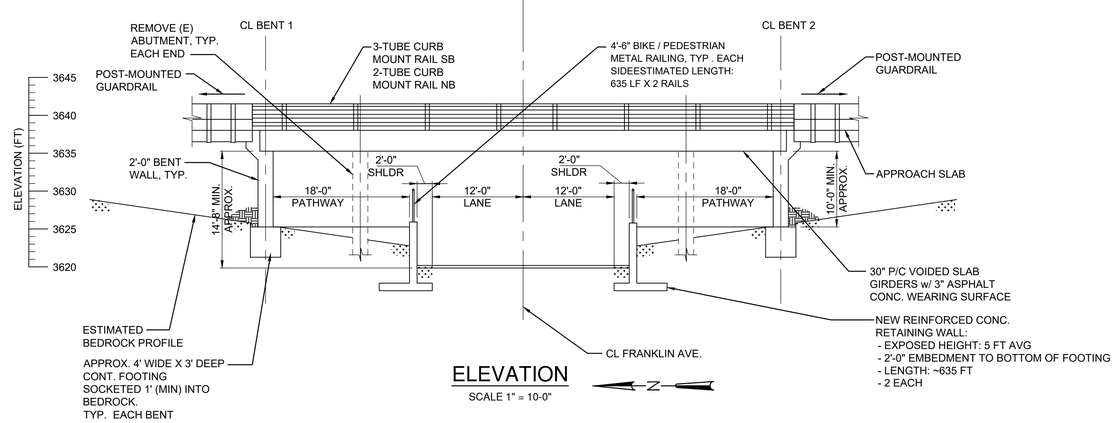
FRANKLIN AVE. CROSSING
ALTERNATIVE 2
DRAFT ALTERATIVES ANALYSIS




## PLAN

SCALE 1" = 10-0"




## ELEVATION

SCALE 1" = 10-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

PLAN AND ELEVATION (US 97) - ALT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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O: 503.542.3900
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www.kpff.com


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DRAWN BY:
SCALE:
FILE:
DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-2

COB #


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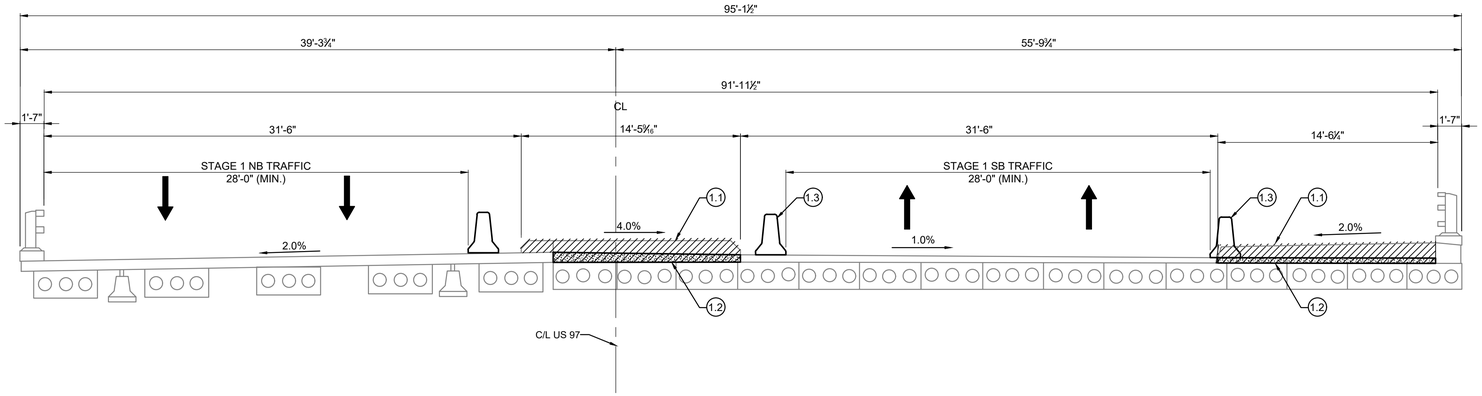
Plotted: 9/2/22 at 11:10am By: brad

FRANKLIN AVE. CROSSING
ALTERNATIVE 2
DRAFT ALTERATIVES ANALYSIS



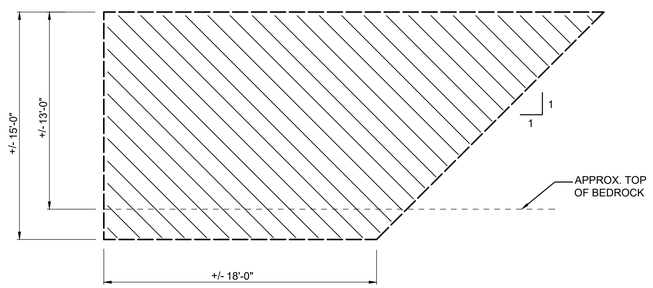

STAGE 1
1" = 5'-0"
SECTION - LOOKING SOUTH

NOTES:

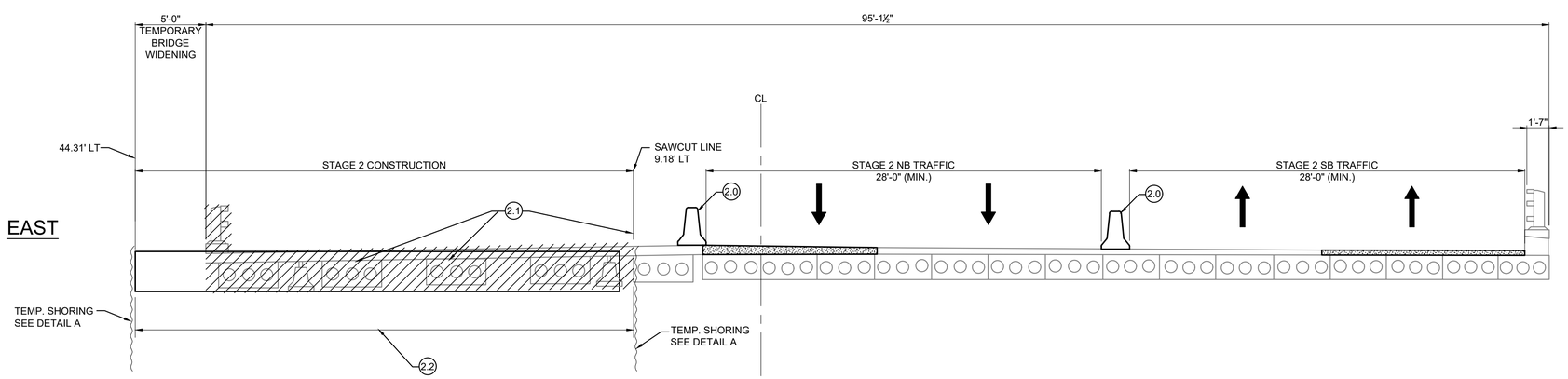
1.1 REMOVE RAISED SIDEWALK AND RAISED MEDIAN.

1.2 CONSTRUCT TEMP. ASPHALT LEVELING COURSE.

1.3 SET AND RESET TEMP. CONCRETE BARRIER TO MAINTAIN 28'-0" MIN. TRAVEL WAY.




A TEMP. EXCAVATION SHORING DETAIL




STAGE 2
1" = 5'-0"
SECTION - LOOKING SOUTH

NOTES:

2.0 SHIFT TRAFFIC AND RE-SET TEMP. BARRIER.

2.1 SAWCUT AND DEMOLISH PORTION OF (E) NB STRUCTURE.

2.2 CONSTRUCT ABUTMENTS, SLAB GIRDERS, AND ASPHALT WEARING SURFACE.

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS
CONSTRUCTION STAGES 1 AND 2 (US 97) - ALT 2
CITY OF BEND
DESCHUTES COUNTY, OREGON

REVISIONS:
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111 SW Fifth Ave., Suite 2600
Portland, OR 97204
P: 503.294.9860
F: 503.274.4681
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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-3

COB #


File: K:\KPFF Other Offices\Civil - Portland_1010\10102100518 - City of Bend Midtown Crossing\Drafting\Franklin Ave CAD Files\SF-2-3.dwg TAB:Layout1
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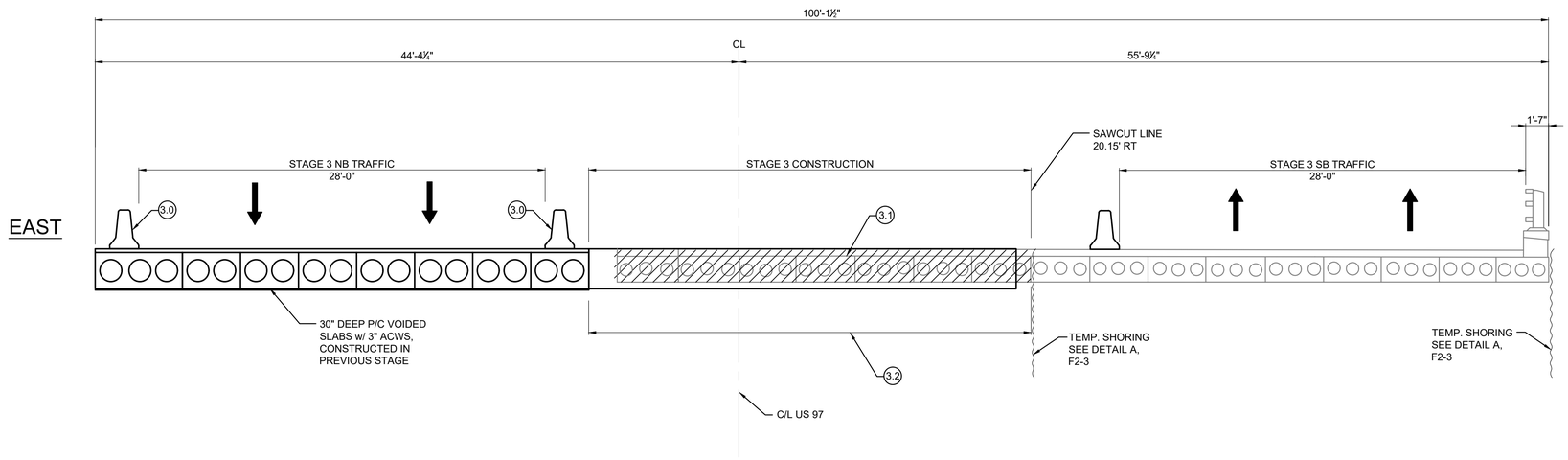
FRANKLIN AVE. CROSSING
ALTERNATIVE 2
DRAFT ALTERATIVES ANALYSIS



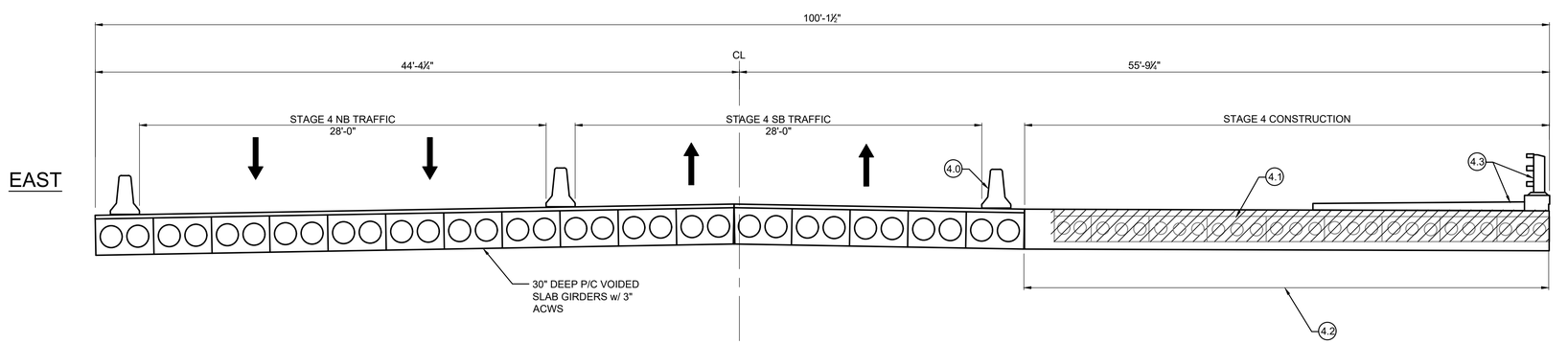

STAGE 3
1" = 10'-0"
SECTION - LOOKING SOUTH

NOTES:

3.0 SHIFT TRAFFIC AND RE-SET BARRIER.

3.1 SAWCUT AND DEMOLISH CENTER PORTION OF (E) STRUCTURE.

3.2 CONSTRUCT ABUTMENTS, SLAB GIRDERS, AND ASPHALT WEARING SURFACE.




STAGE 4
1" = 10'-0"
SECTION - LOOKING SOUTH

NOTES:

4.0 SHIFT TRAFFIC AND RE-SET BARRIER.

4.1 DEMOLISH REMAINING PORTION OF (E) STRUCTURE.

4.2 CONSTRUCT ABUTMENTS, SLAB GIRDERS, AND ASPHALT WEARING SURFACE.

4.3 CONSTRUCT PERMANENT SB RAISED SIDEWALK AND BARRIER.

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

CONSTRUCTION STAGES 3 AND 4 (US 97) - ALT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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O: 503.542.3900
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FILE:
DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-4

COB #


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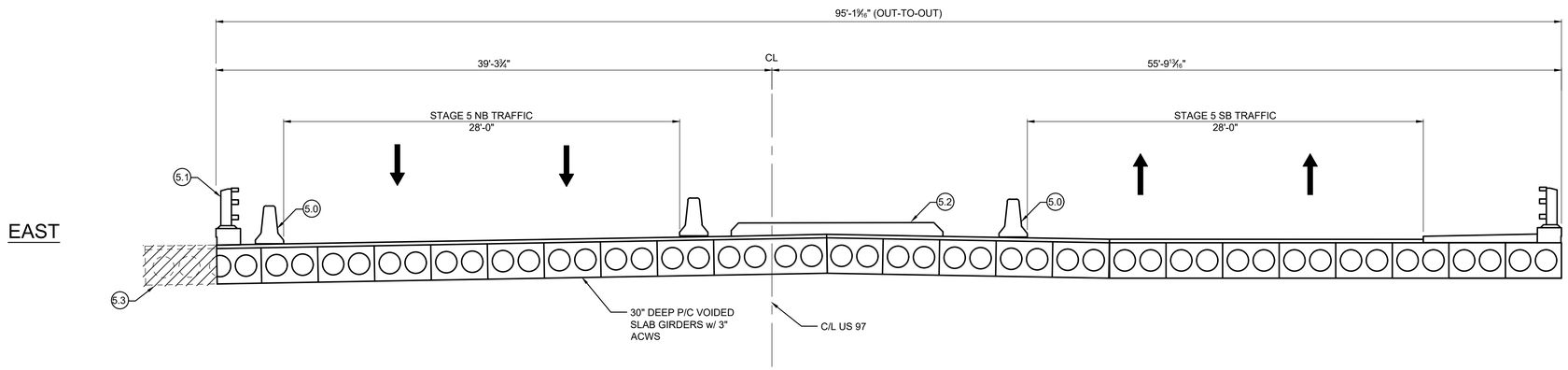
FRANKLIN AVE. CROSSING
ALTERNATIVE 2
DRAFT ALTERATIVES ANALYSIS




## STAGE 5
1" = 10'-0"
## SECTION - LOOKING SOUTH

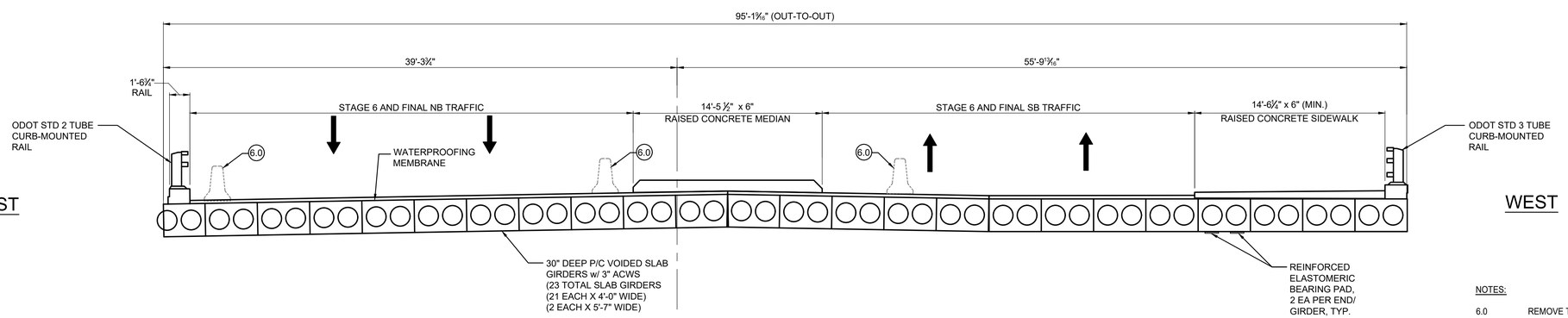
NOTES:

5.0 SHIFT TRAFFIC AND RE-SET BARRIER.

5.1 CONSTRUCT PERMANENT NB BARRIER.

5.2 CONSTRUCT RAISED MEDIAN.

5.3 REMOVE TEMP. BRIDGE WIDENING.




## STAGE 6 AND FINAL
1" = 10'-0"
## SECTION - LOOKING SOUTH

NOTES:

6.0 REMOVE TEMP. BARRIER AND RESTORE TRAFFIC TO FINAL ARRANGEMENT.

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

CONST. STAGES 5, 6 AND FINAL(US 97) - ALT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 9/2/22

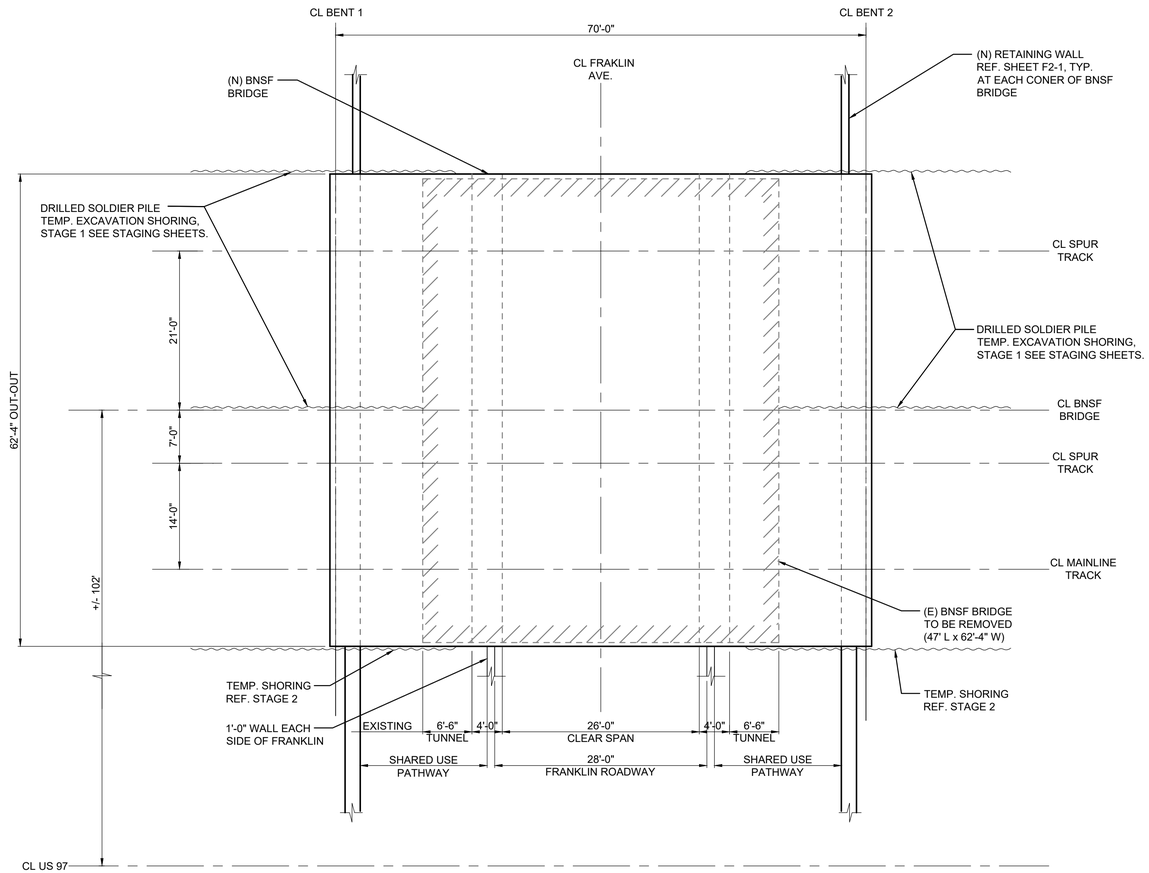
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-5

COB #

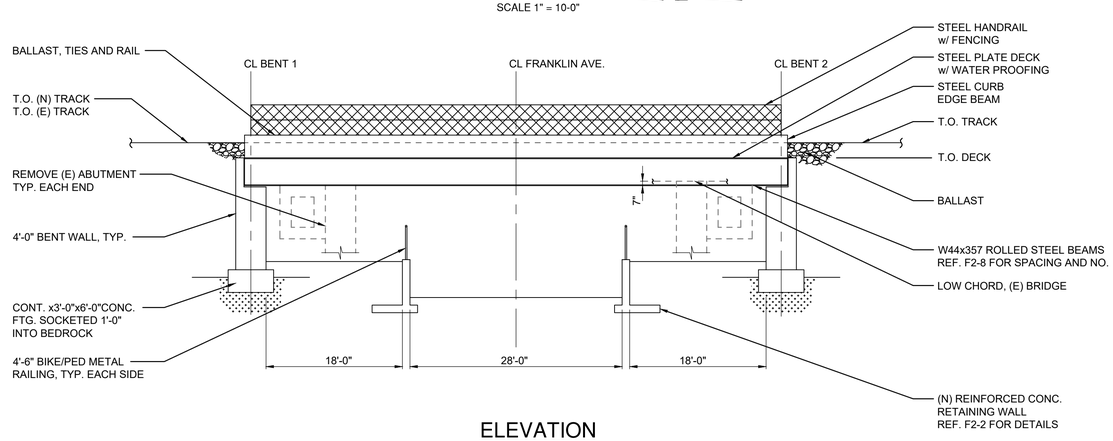

File: K:\KPFF Other Offices\Civil - Portland_1010\101021005 18 - City of Bend Midtown Crossing\Drafting\Franklin Ave CAD Files\SF-2-5.dwg TAB:Layout1
Plotted: 9/2/22 at 11:10am By: brad

FRANKLIN AVE. CROSSING
ALTERNATIVE 2
DRAFT ALTERATIVES ANALYSIS




## PLAN

SCALE 1" = 10-0"




## ELEVATION

SCALE 1" = 10-0"

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

PLAN & ELEVATION (BNSF) - ALT-2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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111 SW Fifth Ave., Suite 2600
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DESIGNED BY:
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SCALE:
FILE:
DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET: F2-6

COB #


File: K:\KPFF Other Offices\Civil - Portland_1010\101021005 18 - City of Bend Midtown Crossing\Drafting\Franklin Ave CAD Files\SF-2-6.dwg TAB:Layout1
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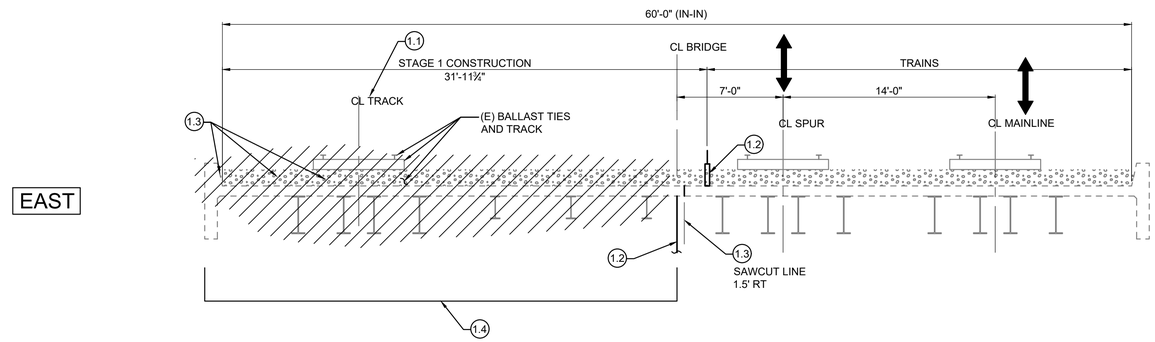



## STAGE 1
## SECTION - LOOKING SOUTH
1" = 5'-0"

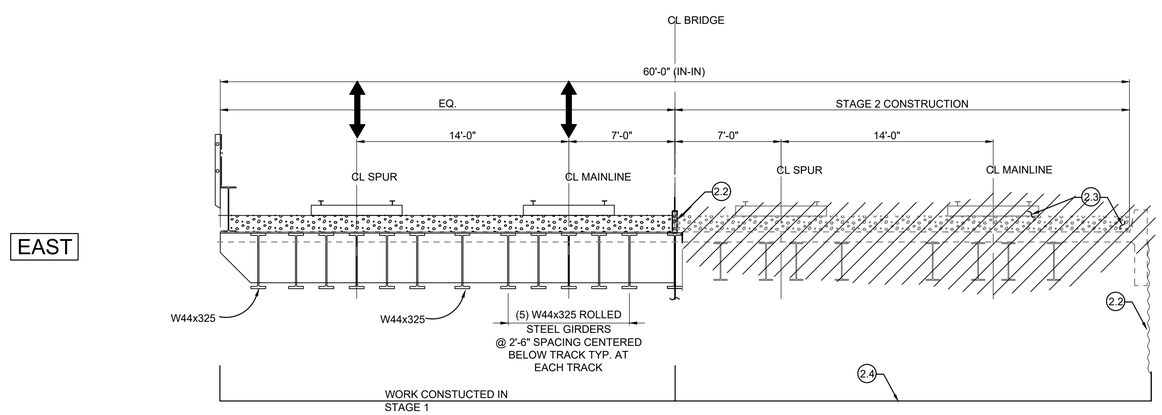
NOTES:

1.1 CLOSE EAST SPUR TRACK.

1.2 CONSTRUCT TEMP EXCAVATION SHORING AND TEMP. BARRIER.

1.3 SAWCUT AND DEMOLISH EAST PORTION OF (E) STRUCTURE.

1.4 CONSTRUCT (N) ABUTMENTS, GIRDERS, DECK, BALLAST, TIES AND TRACK.




## STAGE 2
## SECTION - LOOKING SOUTH
1" = 5'-0"

NOTES:

2.1 SWITCH MAINLINE BNSF TRAINS TO (N) MAINLINE TRACK.

2.2 CONSTRUCT TEMP EXCAVATION SHORING AND RELOCATE TEMP. BARRIER.

2.3 DEMOLISH REMAINING WEST PORTION OF (E) BNSF BRIDGE

2.4 CONSTRUCT (N) ABUTMENTS, GIRDERS, DECK, BALLAST, TIES AND TRACK.

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

CONSTRUCTION STAGES 1 AND 2 (BNSF) - ALT 2

DESCHUTES COUNTY, OREGON

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DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-7

COB #

File: K:\KPFF Other Offices\Civil - Portland_1010\101021005 18 - City of Bend Midtown Crossing\Drafting\Franklin Ave CAD Files\SF-2-7.dwg TAB:Layout1
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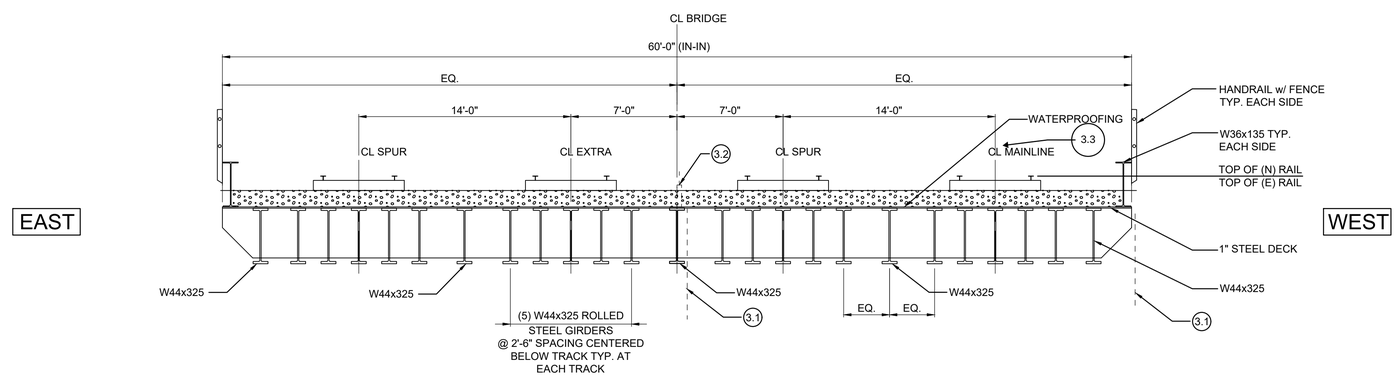


## STAGE 3 AND FINAL
## - LOOKING SOUTH

1" = 5'-0"

STAGE NOTES:

3.1 REMOVE TEMP. EXCAVATION SHORING.

3.2 REMOVE TEMP. BARRIER

3.3 RESTORE TRAIN TRAFFIC TO WEST MAINLINE TRACK.ALL TRACKS OPEN

NOTES:

1. STEEL TO BE UNCOATED A588 GR 50. (WEATHERING STEEL)

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

CITY OF BEND CONSTRUCTION STAGES 3 AND FINAL (BNSF) - ALT 2

DESCHUTES COUNTY, OREGON

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FILE:
DATE: 9/2/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
F2-8

COB #

File: K:\KPFF Other Offices\Civil - Portland_1010\101021005 18 - City of Bend Midtown Crossing\Drafting\Franklin Ave CAD Files\SF-2-8.dwg TAB:Layout1
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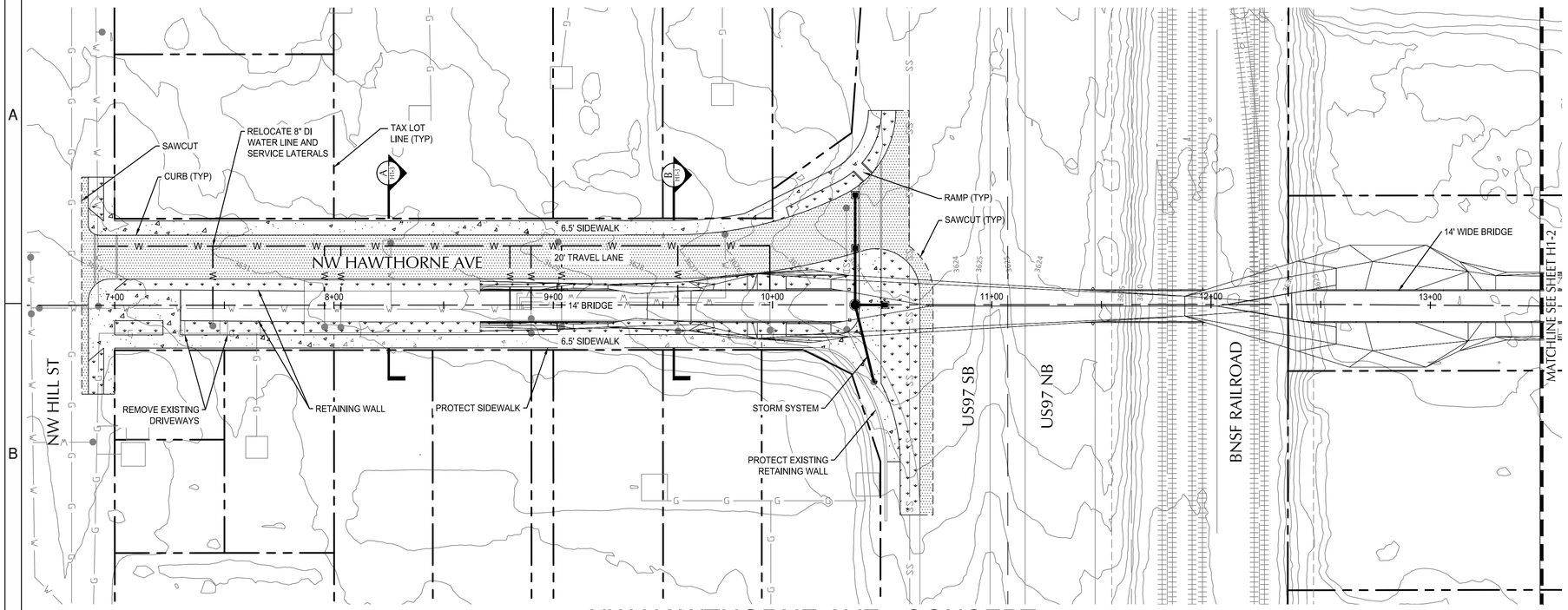


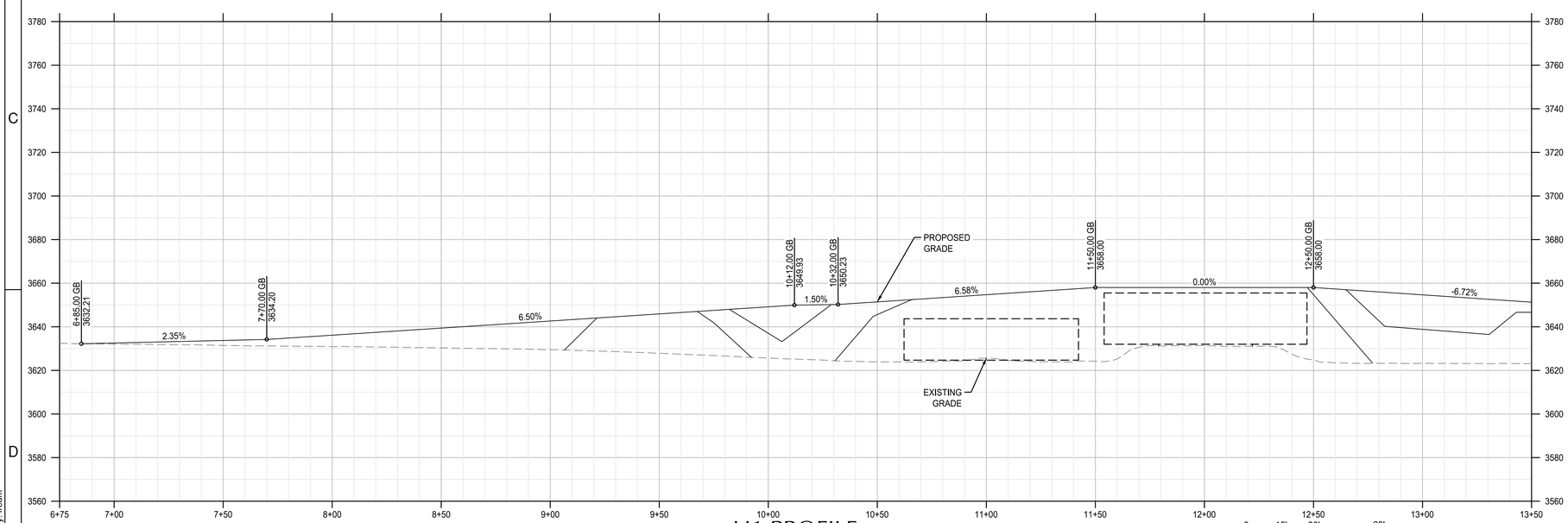

## NW HAWTHORNE AVE - CONCEPT 1
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




## H1 PROFILE

SCALE: HORIZ: 1" = 30'
VERT: 1" = 30'

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

## NW HAWTHORNE AVE - CONCEPT 1
## PROFILE VIEW

PRELIMINARY NOT FOR CONSTRUCTION [ENGINEERS]

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-1

COB #

File: N:\cip\2021\210518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H1-1
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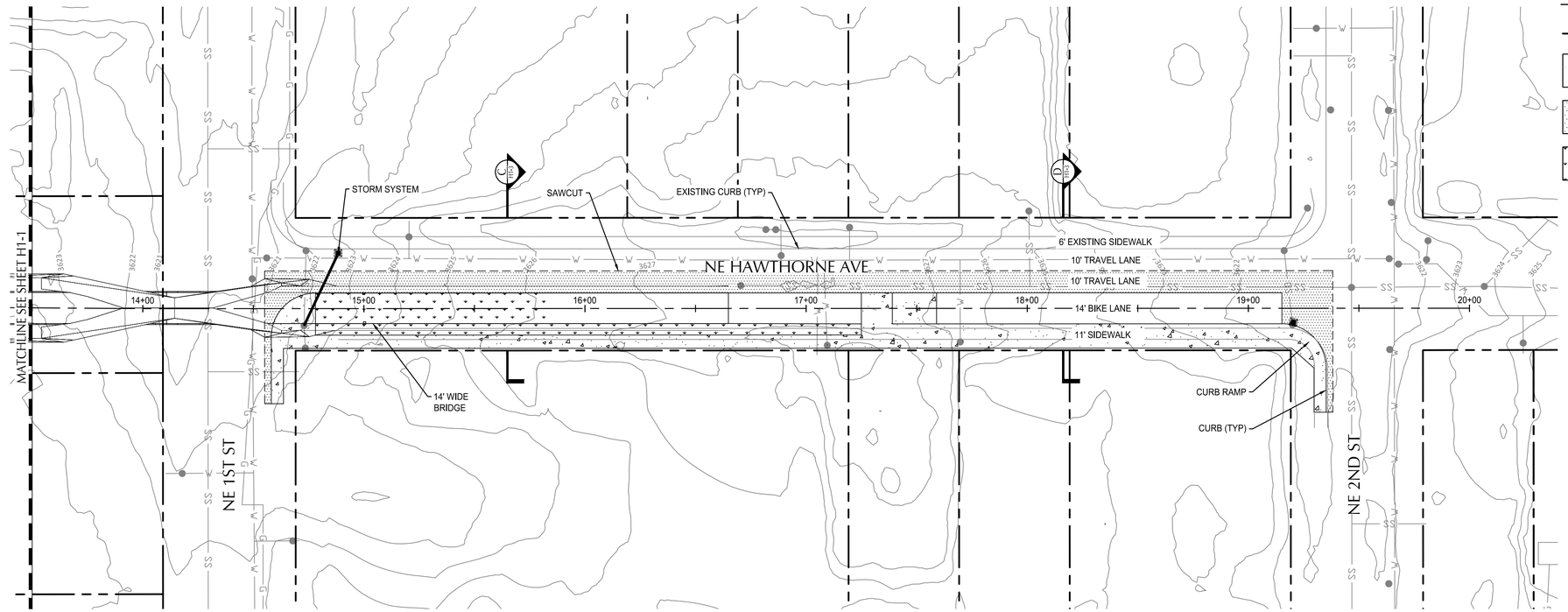


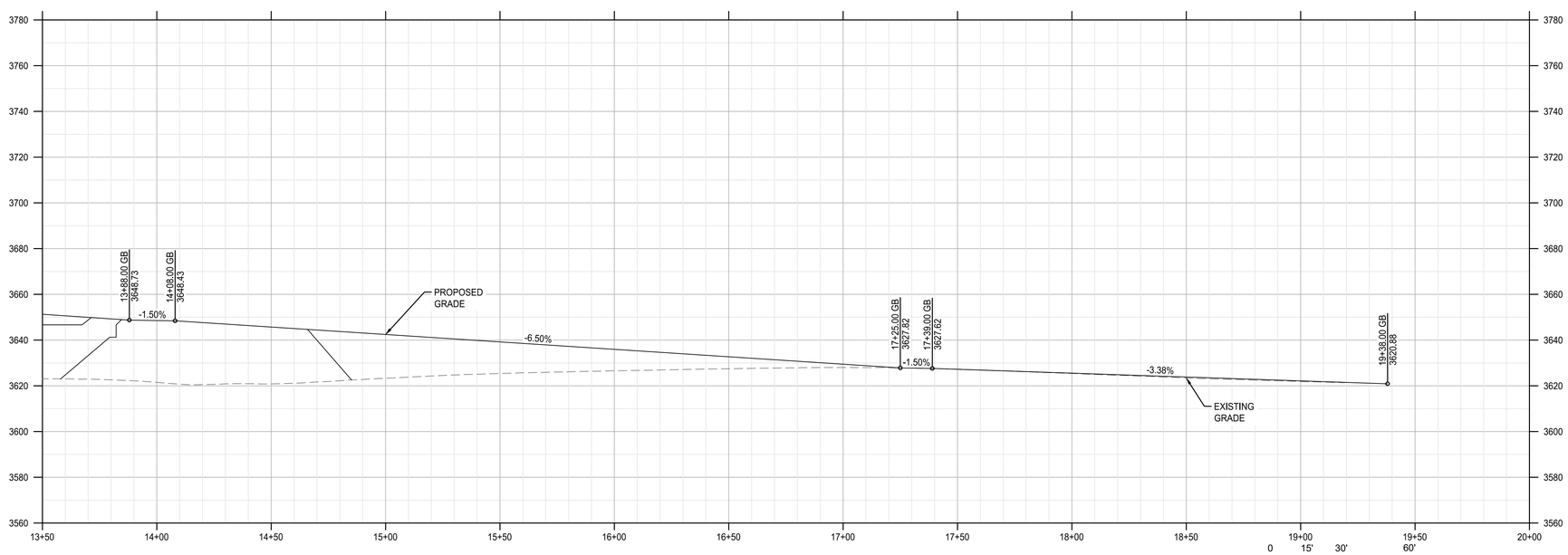

## NW HAWTHORNE AVE - CONCEPT 1
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




## NW HAWTHORNE AVE - CONCEPT 1
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-2

COB #

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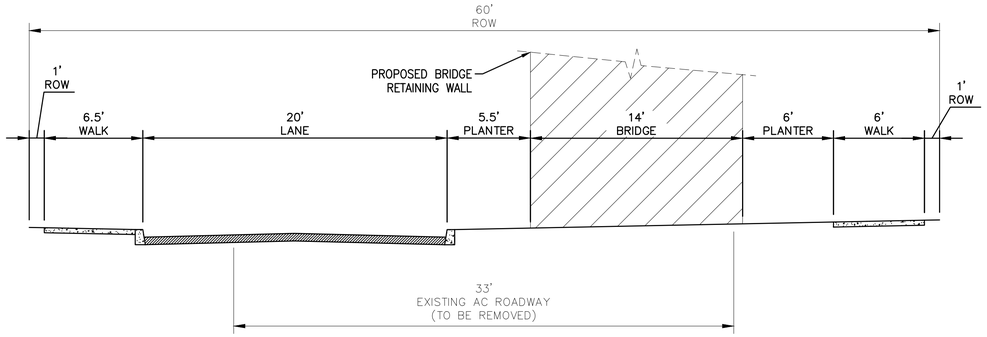
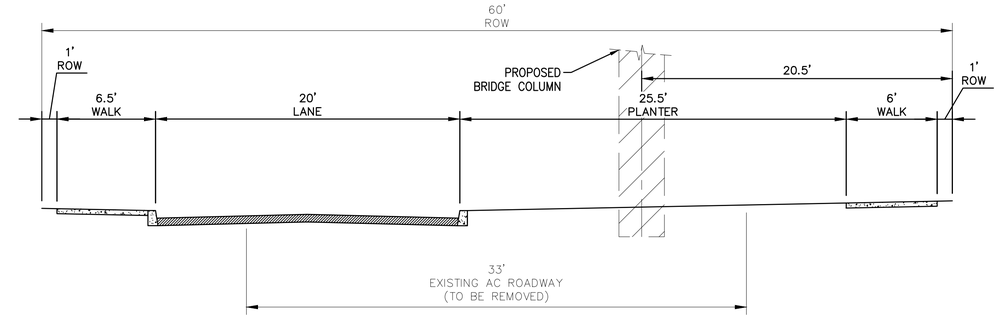



## A SECTION A - CONCEPT 1

SCALE: 1" = 5'

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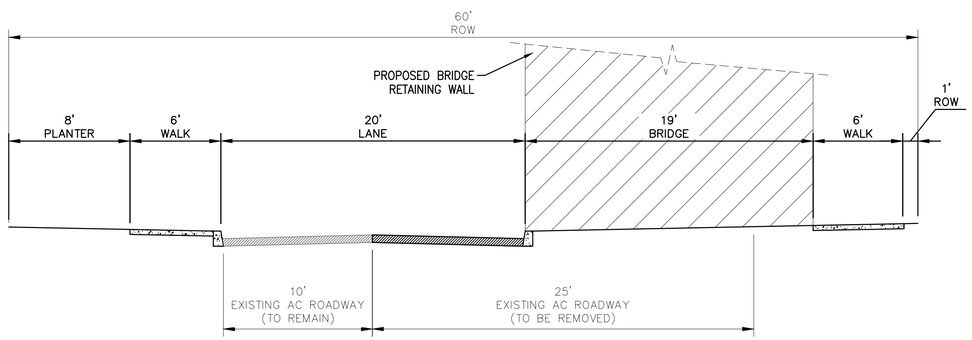
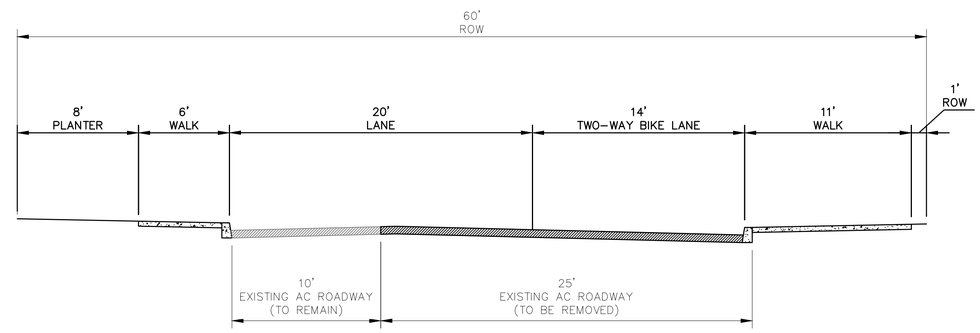
SCALE: 1" = 5'




## C SECTION C - CONCEPT 1

SCALE: 1" = 5'




## D SECTION D - CONCEPT 1

SCALE: 1" = 5'

## SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

0 5' 10'
SCALE: 1" = 5'

PRELIMINARY
CONSTRUCTION
[ENGINEERS]
NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## HAWTHORNE ALTERNATIVE 1 - CIVIL SECTIONS

DESCHUTES COUNTY, OREGON

CITY OF BEND

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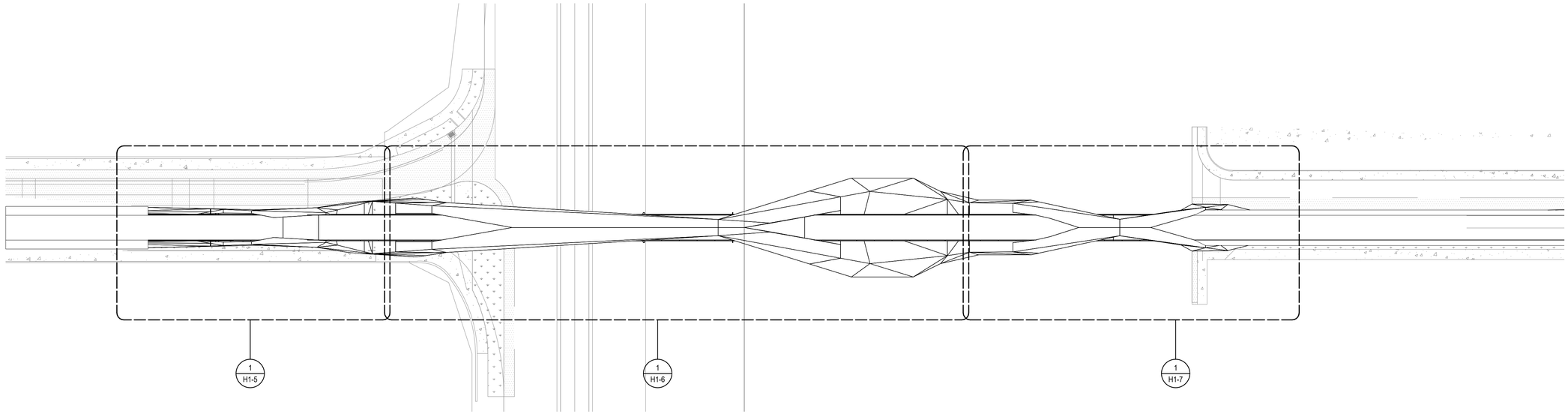
VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

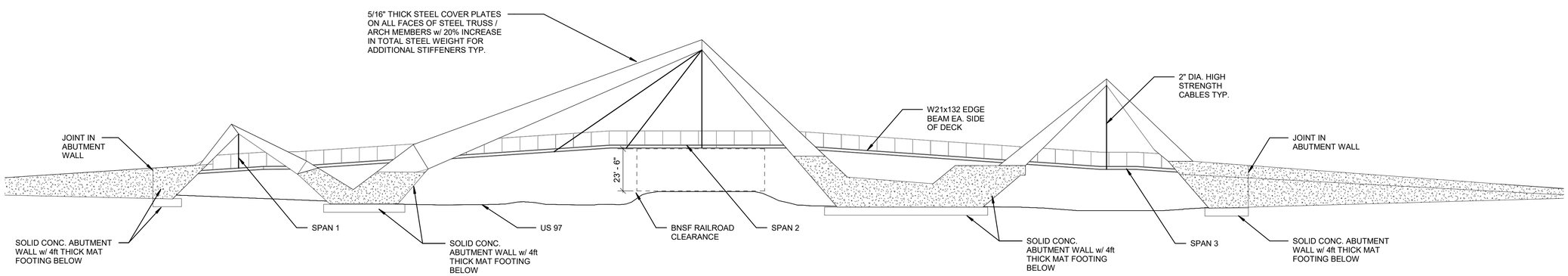
SHEET:
H1-3

COB #

File: N:\cip\2021\100518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H1-3
Plotted: 9/2/22 at 5:05pm By: fredm




1 NW HAWTHORNE AVE - CONCEPT 1 OVERALL BRIDGE PLAN VIEW
1/32" = 1'-0"




2 NW HAWTHORNE AVE - CONCEPT 1 OVERALL BRIDGE ELEVATION
1/32" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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SCALE: AS SHOWN
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-4

COB #

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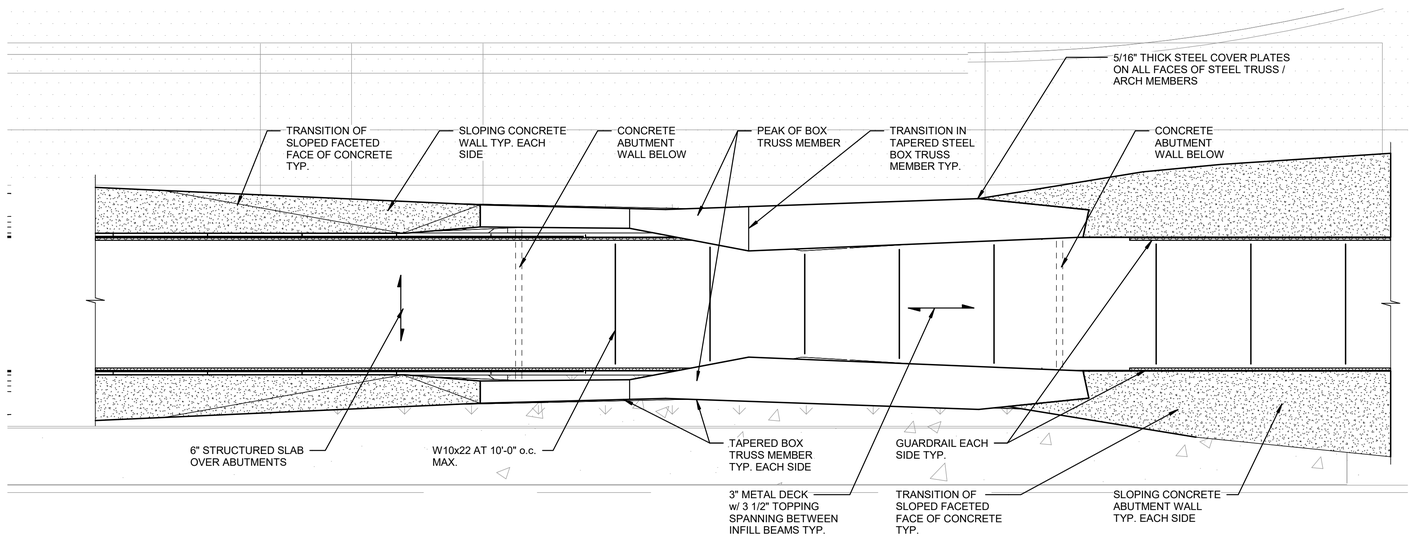


1 NW HAWTHORNE AVE - CONCEPT 1 SPAN 1 PARTIAL PLAN
1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
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SHEET:
H1-5

COB #

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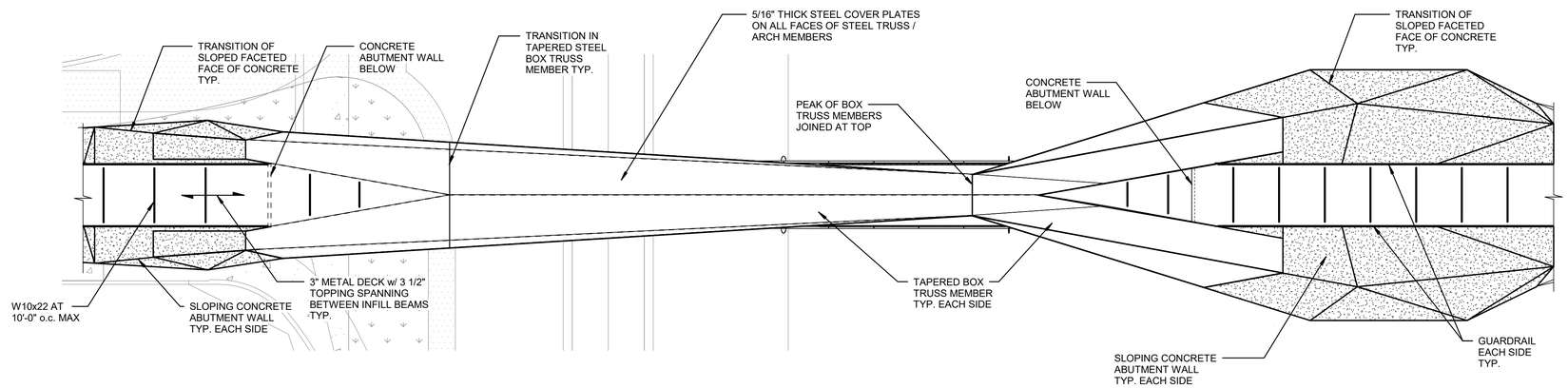


1 NW HAWTHORNE AVE - CONCEPT 1 SPAN 2 PARTIAL PLAN

1/16" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

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SCALE: AS SHOWN
FILE:
DATE: 09/02/2022

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-6

COB #

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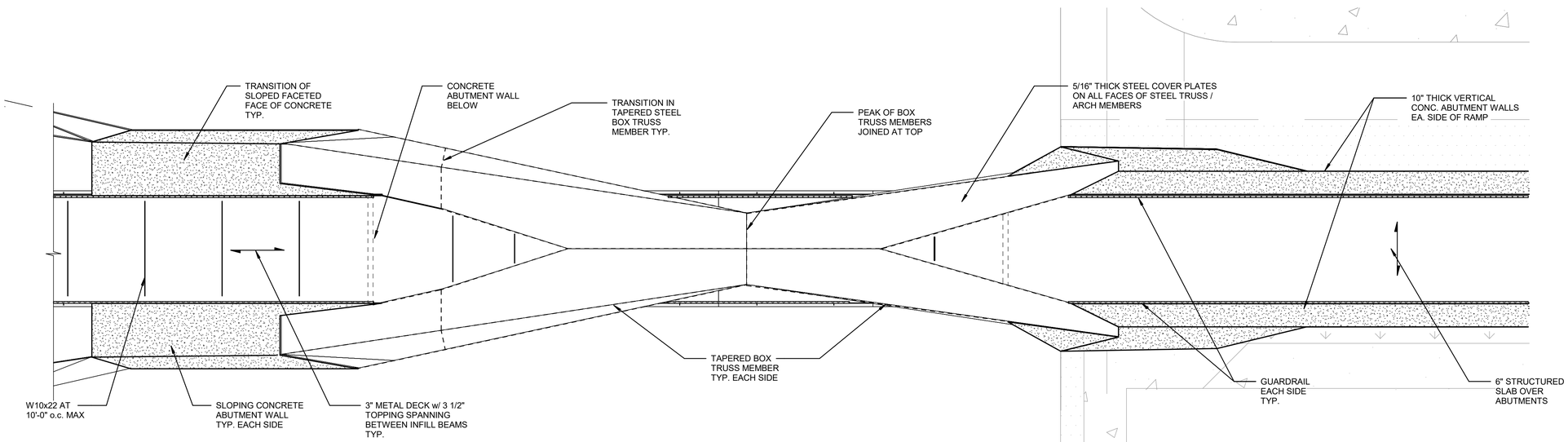


1 NW HAWTHORNE AVE - CONCEPT 1 SPAN 3 PARTIAL PLAN

1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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SCALE: AS SHOWN
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-7

COB #

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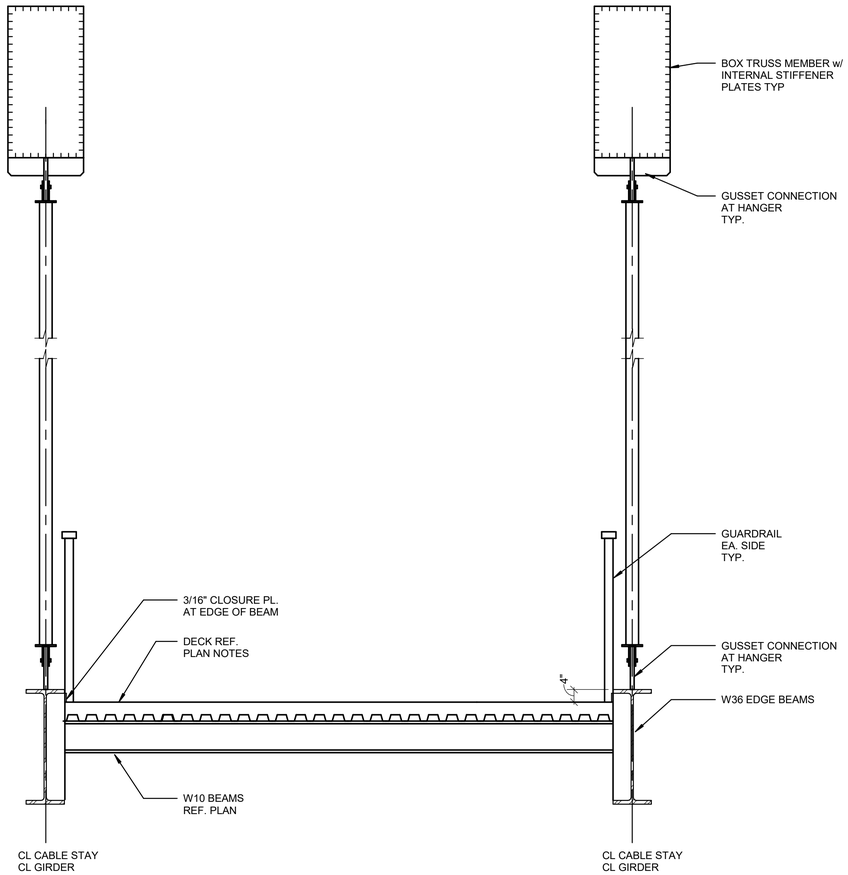
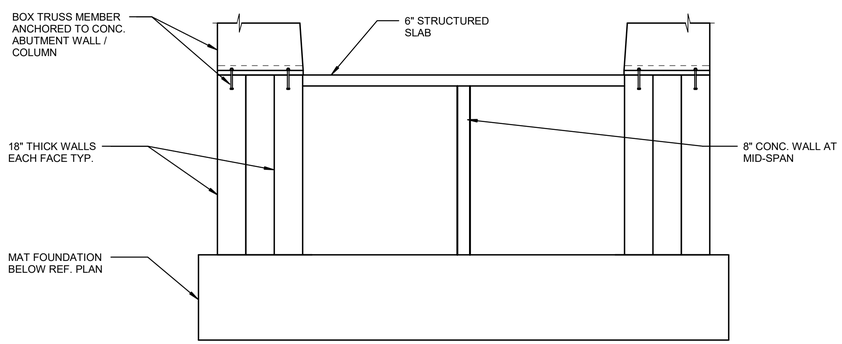


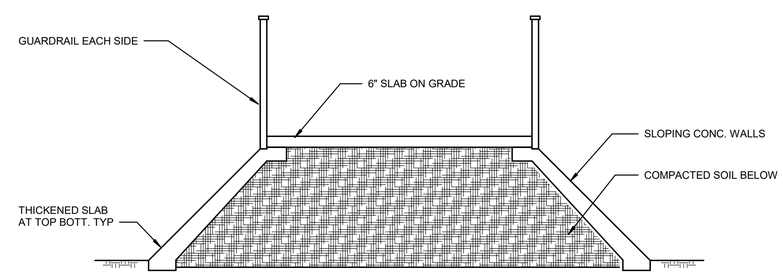

1 SECTION THROUGH DECK AT MIDSPAN

1/2" = 1'-0"




3 SECTION AT ABUTMENT WALLS

1/4" = 1'-0"




2 SECTION THROUGH ON GRADE APPROACH

N.T.S

PRELIMINARY
NOT FOR
CONSTRUCTION

MIDTOWN PEDESTRIAN AND
BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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DATE: 09/02/2022

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0 1"
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ON ORIGINAL DRAWING

SHEET:
H1-8

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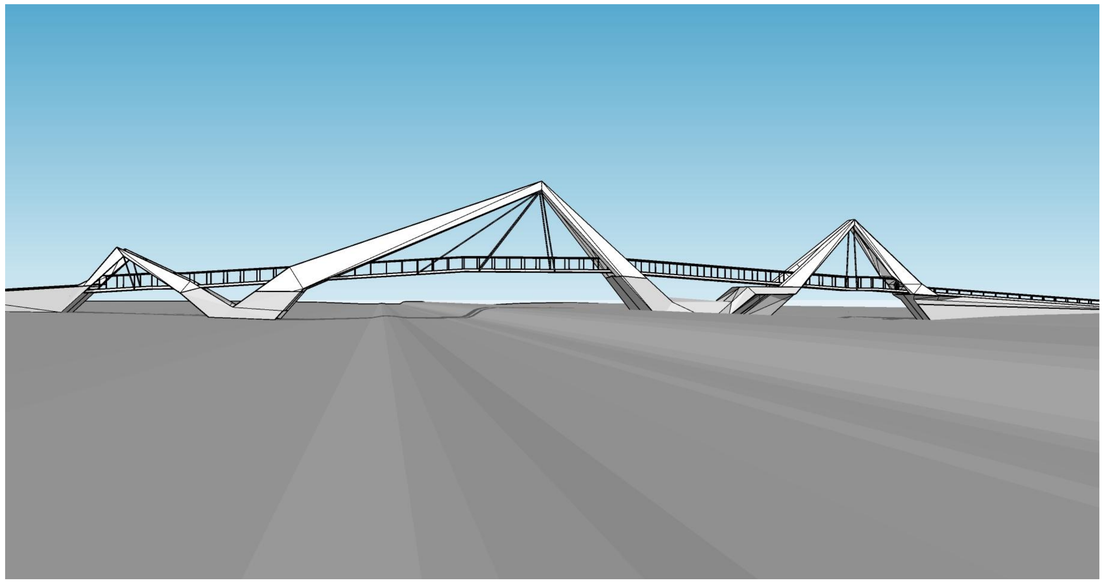

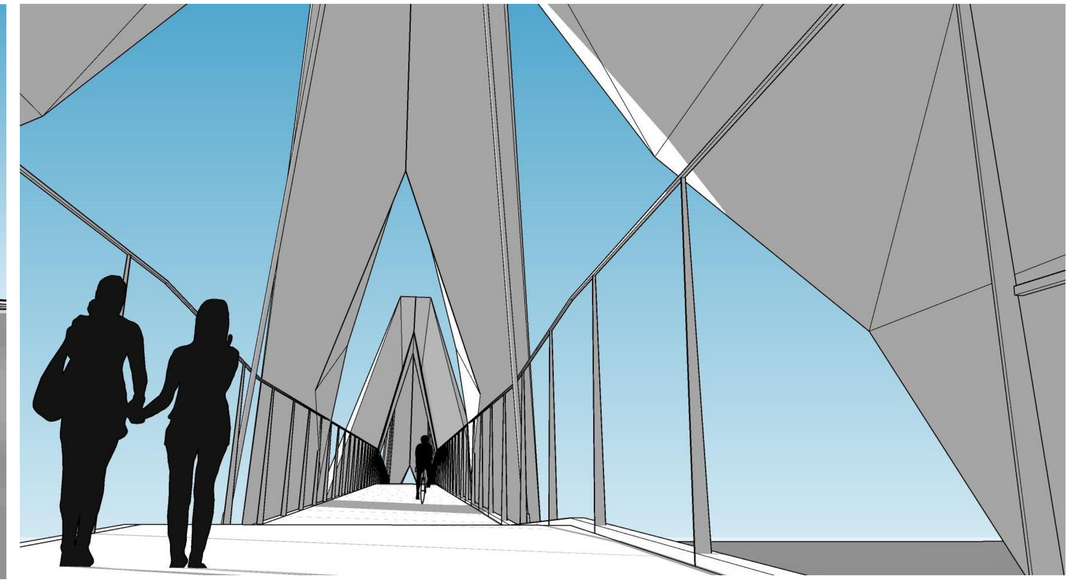

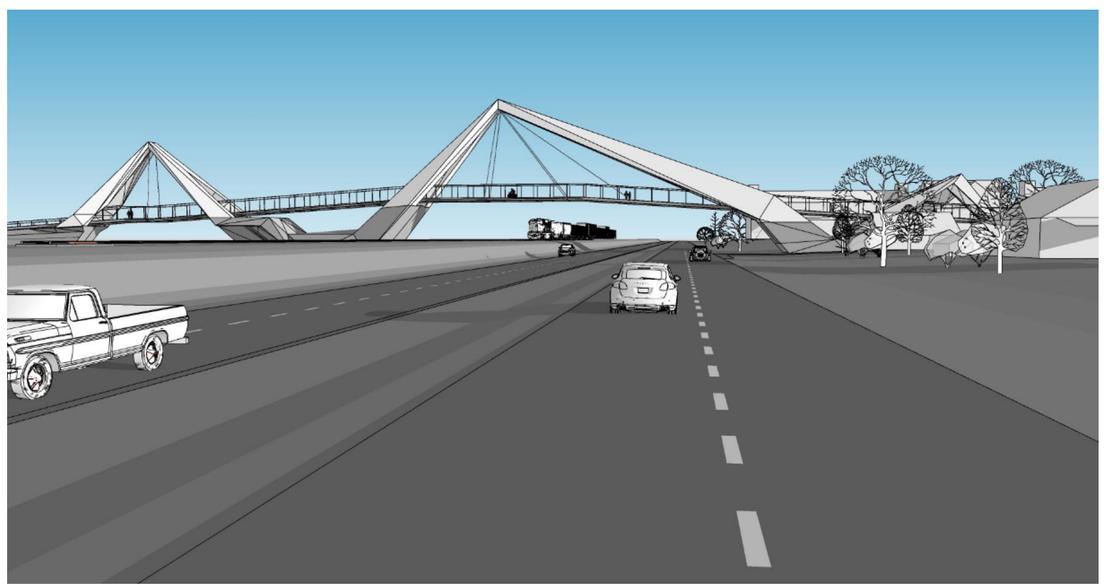

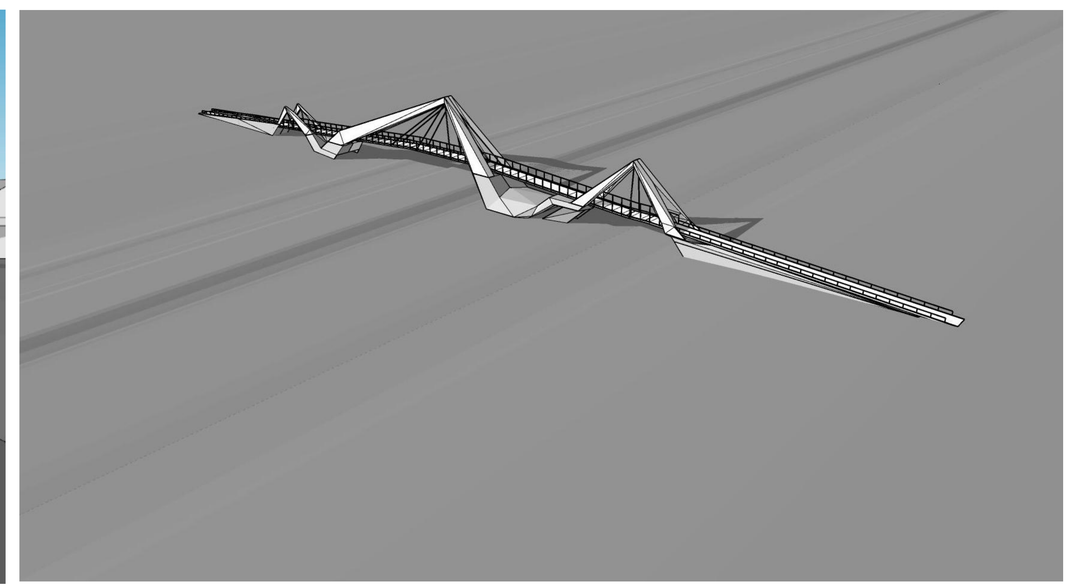

PRELIMINARY
STAMP
CONSTRUCTION
[ENGINEER]
[NO. EXPIRES]

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - ARCH. RENDERING

DESCHUTES COUNTY, OREGON

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DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-9

COB #

File: N:\cip\2021\100518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H1-9
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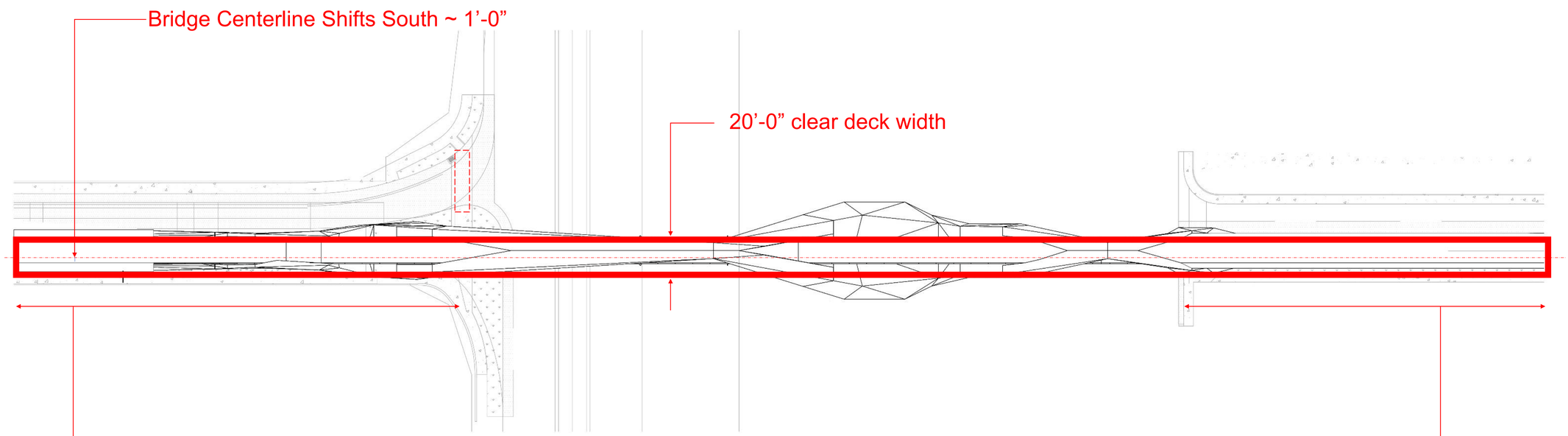


Sidewalk on South Side Eliminated
(Property acquisition and/or
improvement may be required)

Sidewalk on South Side Eliminated
(Property acquisition and/or
improvement may be required)

- Re-engineered deck structure
- Re-designed bents to decrease footprint

FEASIBILITY OF 20’ DECK WIDTH - OPTION 1 – “SISTERS”

Draft for comment

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 1 - STRUCTURAL

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
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3.

kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
O: 503.227.3251
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www.kpff.com

DESIGNED BY:
DRAWN BY:
SCALE: AS SHOWN
FILE:
DATE: 09/09/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H1-10

COB #

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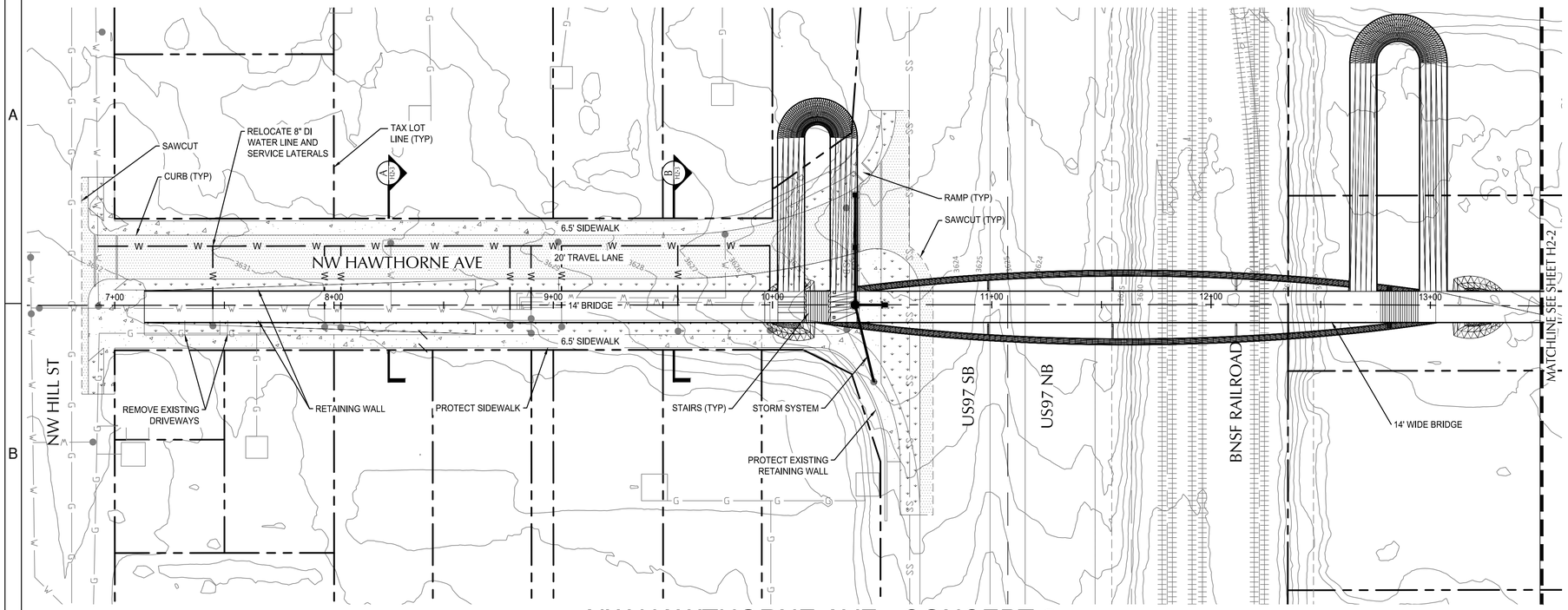


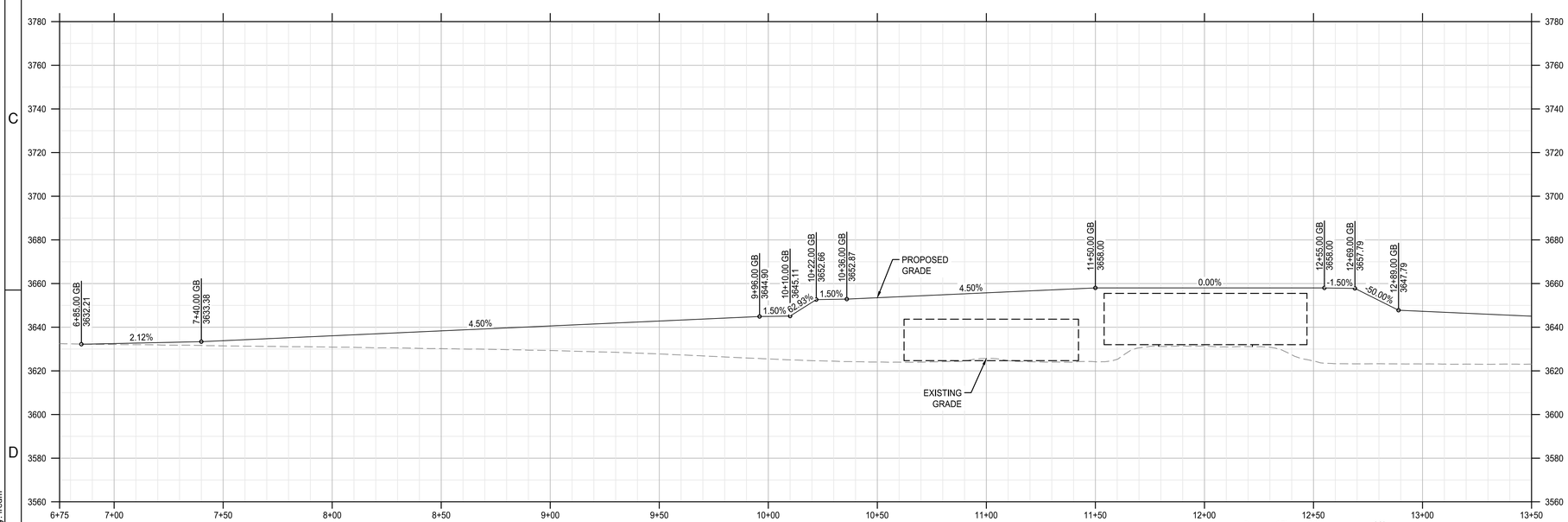

## NW HAWTHORNE AVE - CONCEPT 2
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




## NW HAWTHORNE AVE - CONCEPT 2
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H2-1

COB #

File: N:\cip\2021\210518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H2-1
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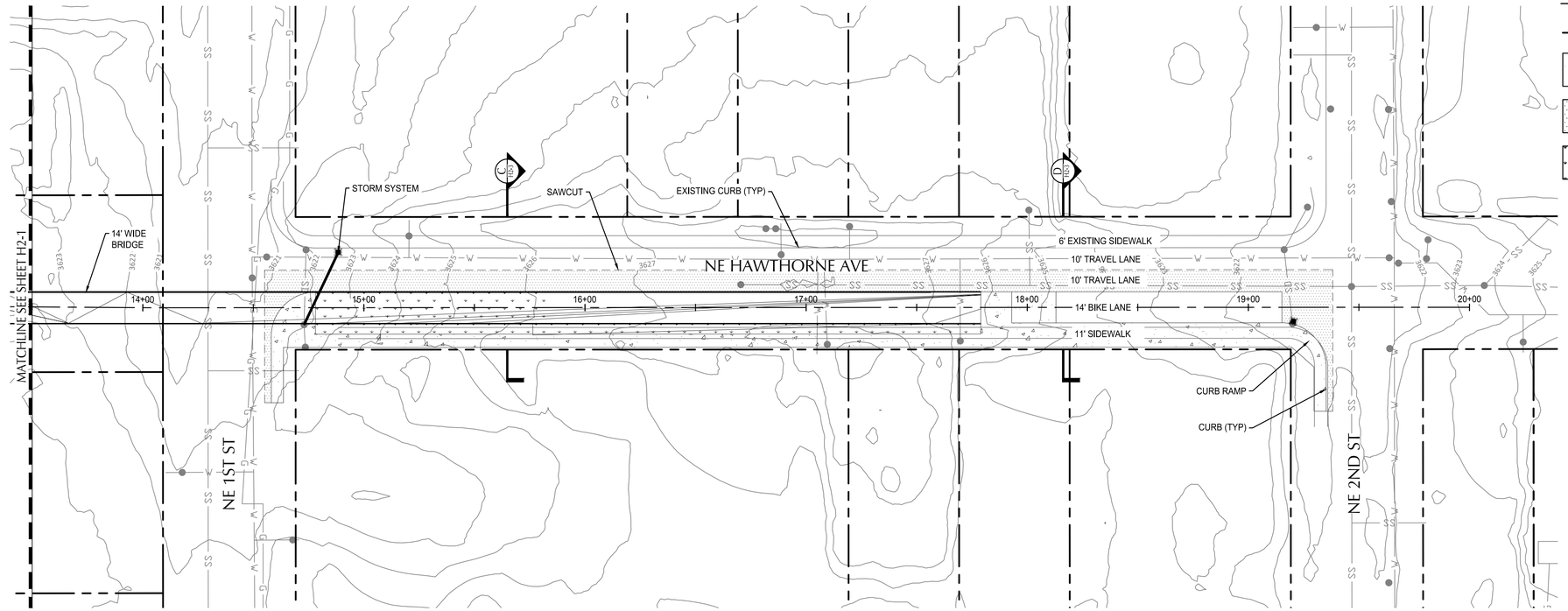


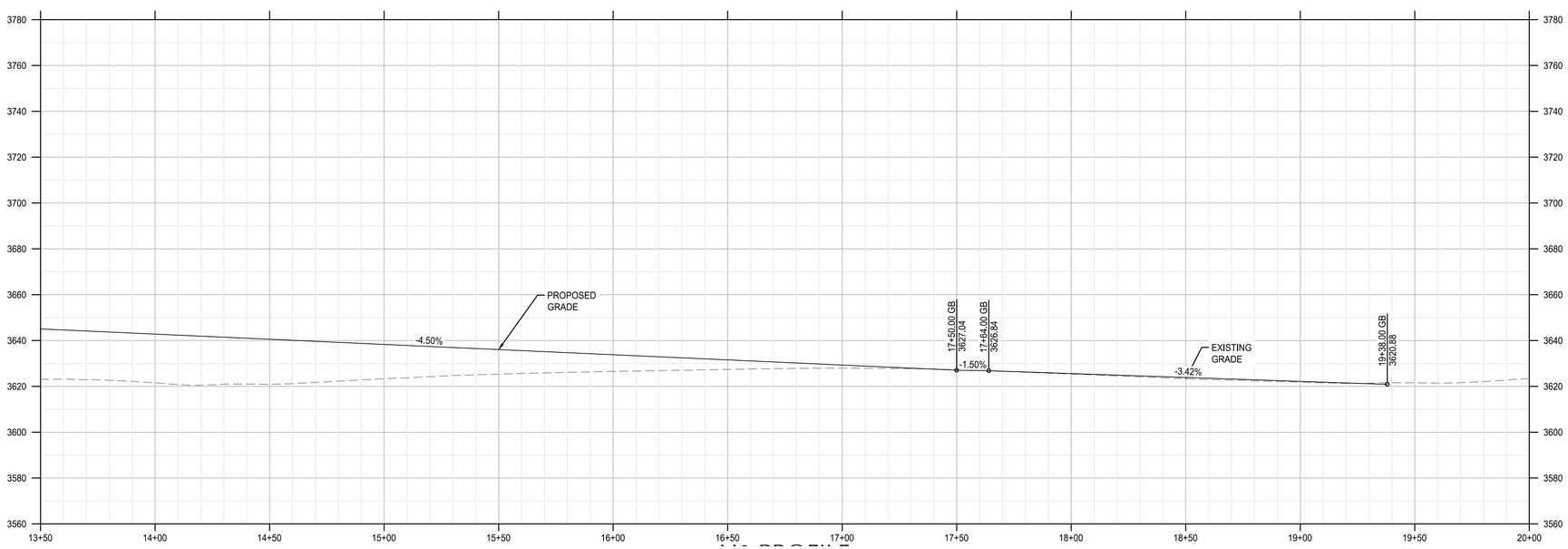

## NW HAWTHORNE AVE - CONCEPT 2
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




## NW HAWTHORNE AVE - CONCEPT 2
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H2-2

COB #

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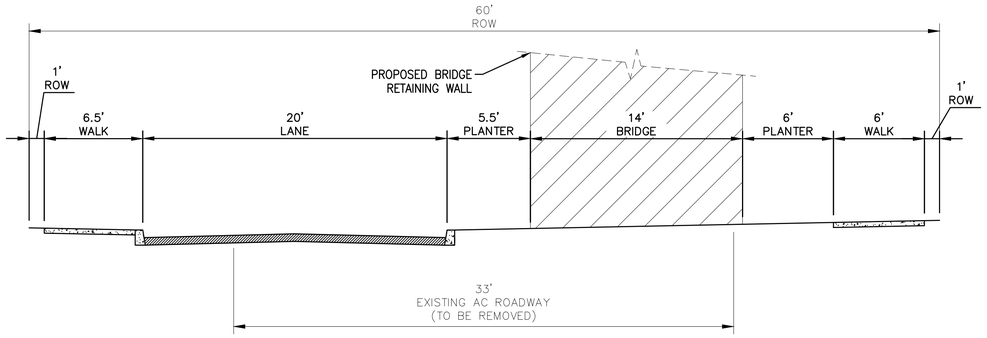
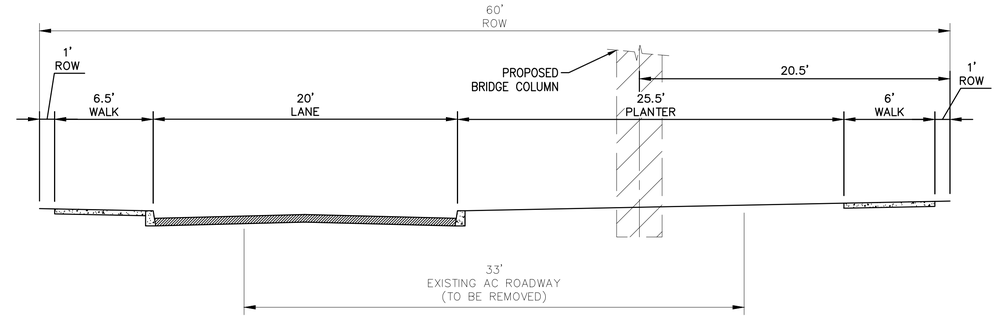
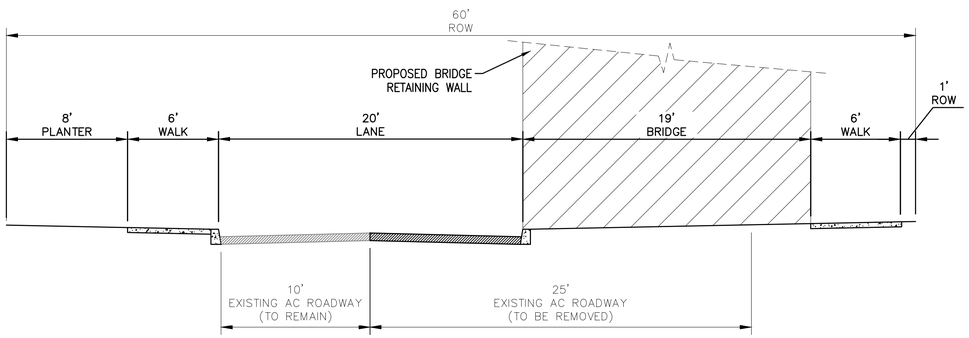


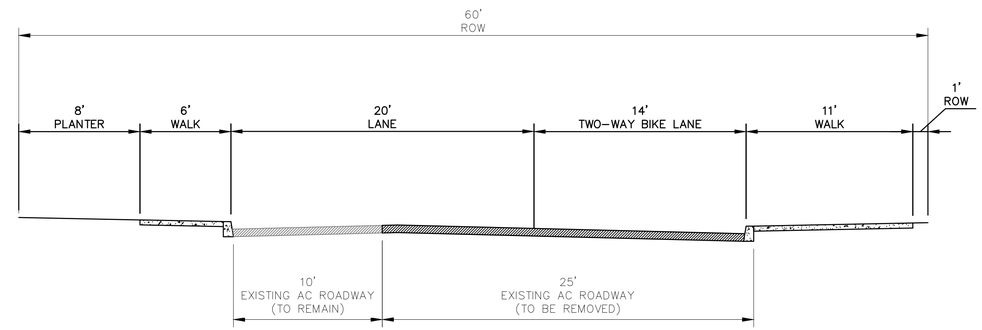

A SECTION A - CONCEPT 2
SCALE: 1" = 5'




B SECTION B - CONCEPT 2
SCALE: 1" = 5'




C SECTION C - CONCEPT 1
SCALE: 1" = 5'




D SECTION D - CONCEPT 1
SCALE: 1" = 5'

## SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

0 5' 10'
SCALE: 1" = 5'

PRELIMINARY
CONSTRUCTION
[ENGINEERS]
NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## HAWTHORNE ALTERNATIVE 2 - CIVIL SECTIONS

CITY OF BEND
DESCHUTES COUNTY, OREGON

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F: 503.274.4681
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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
H2-3

COB #

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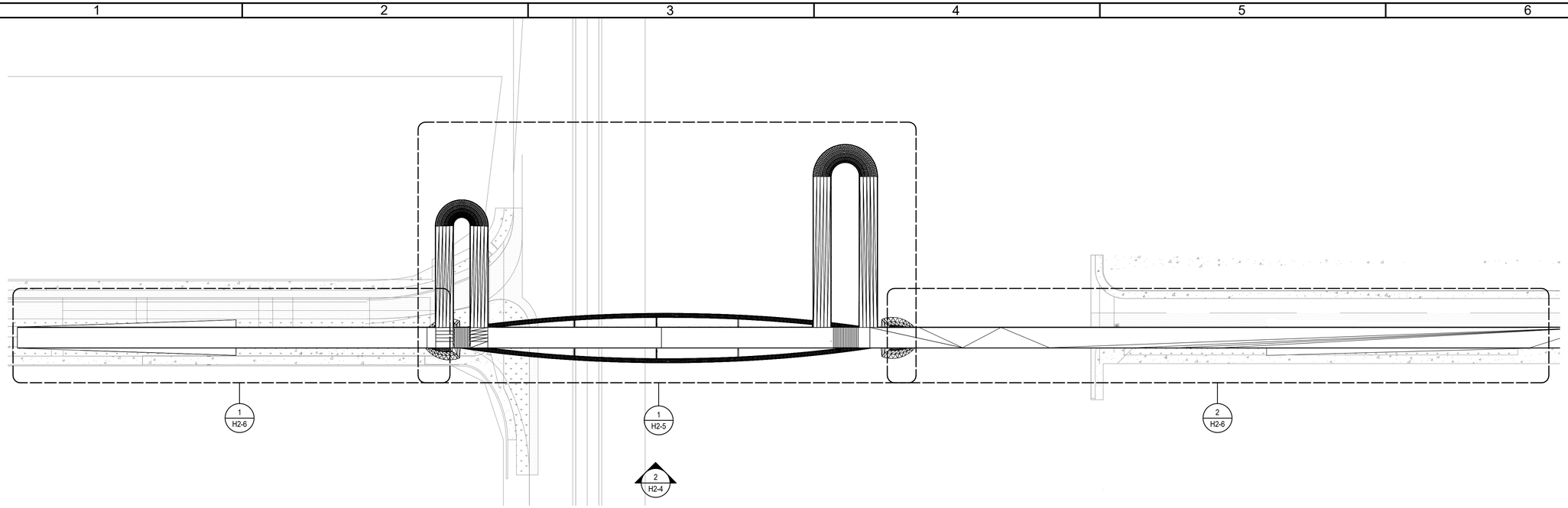
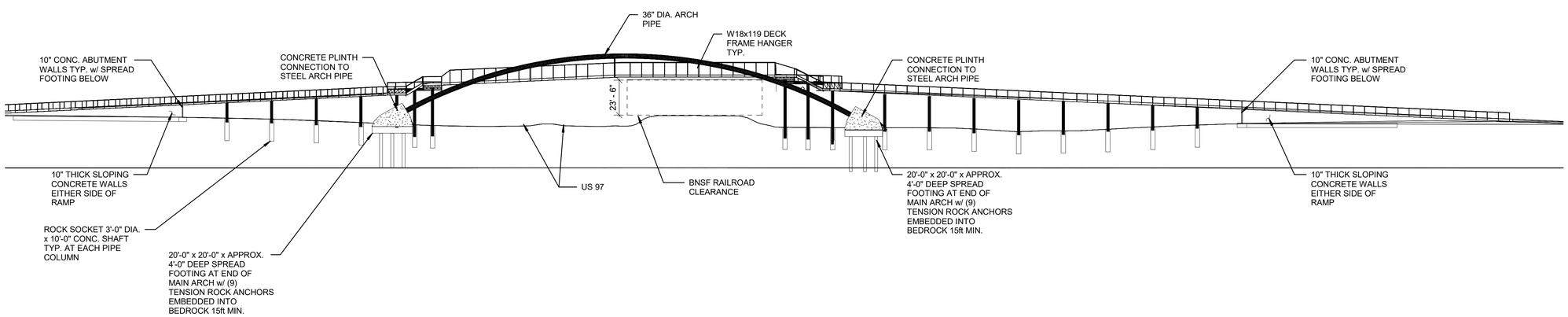



1 NW HAWTHORNE AVE -
CONCEPT 2 OVERALL BRIDGE PLAN VIEW
1" = 40'-0"




2 NW HAWTHORNE AVE -
CONCEPT 2 OVERALL BRIDGE ELEVATION LAN VIEW
1" = 40'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - STRUCTURAL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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DESIGNED BY: RG
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SCALE: AS SHOWN
FILE:
DATE: 09/02/22

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

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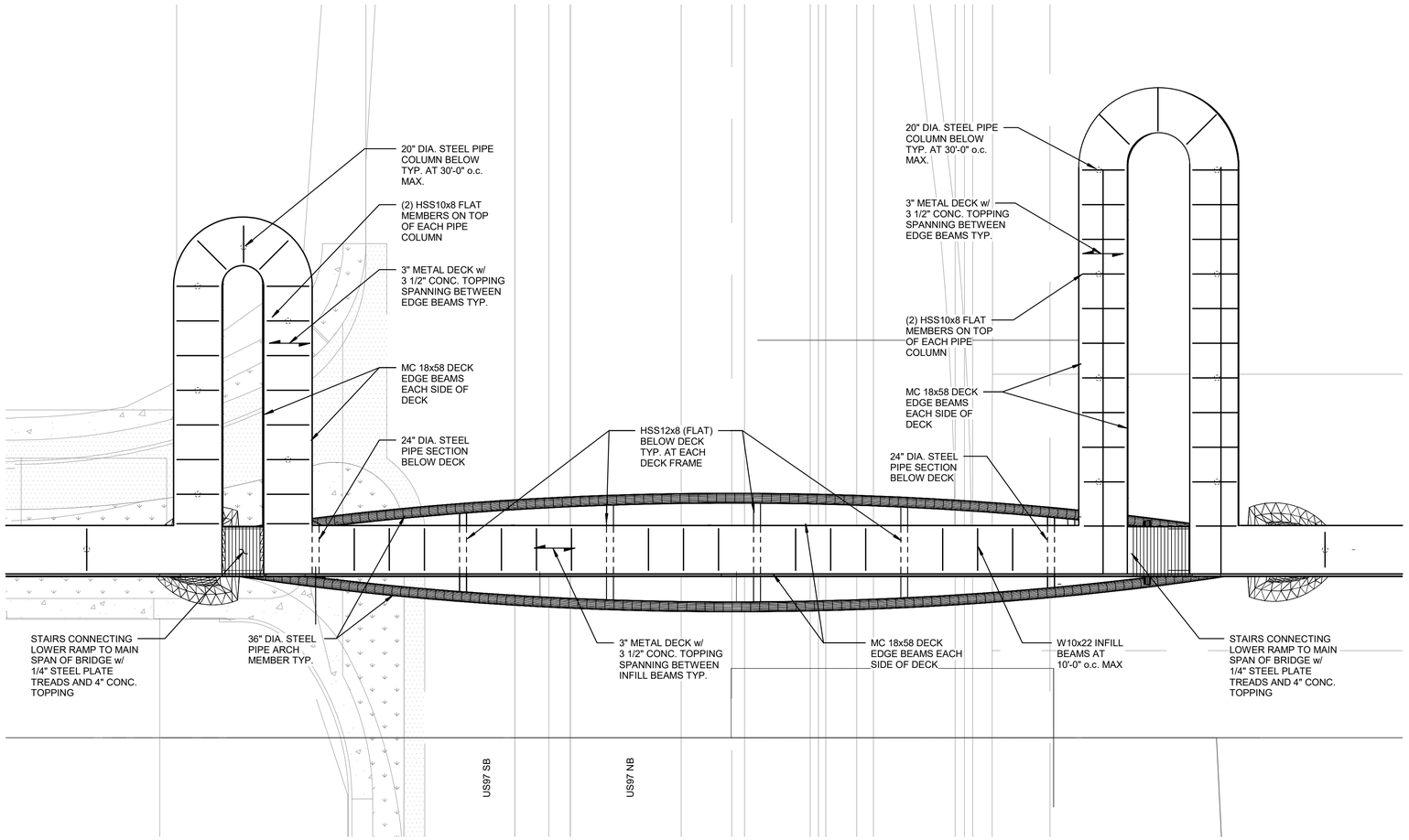


1 NW HAWTHORNE AVE - CONCEPT 2 MAIN SPAN BRIDGE PLAN

1" = 20'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 09/02/22

VERIFY SCALES
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H2-5

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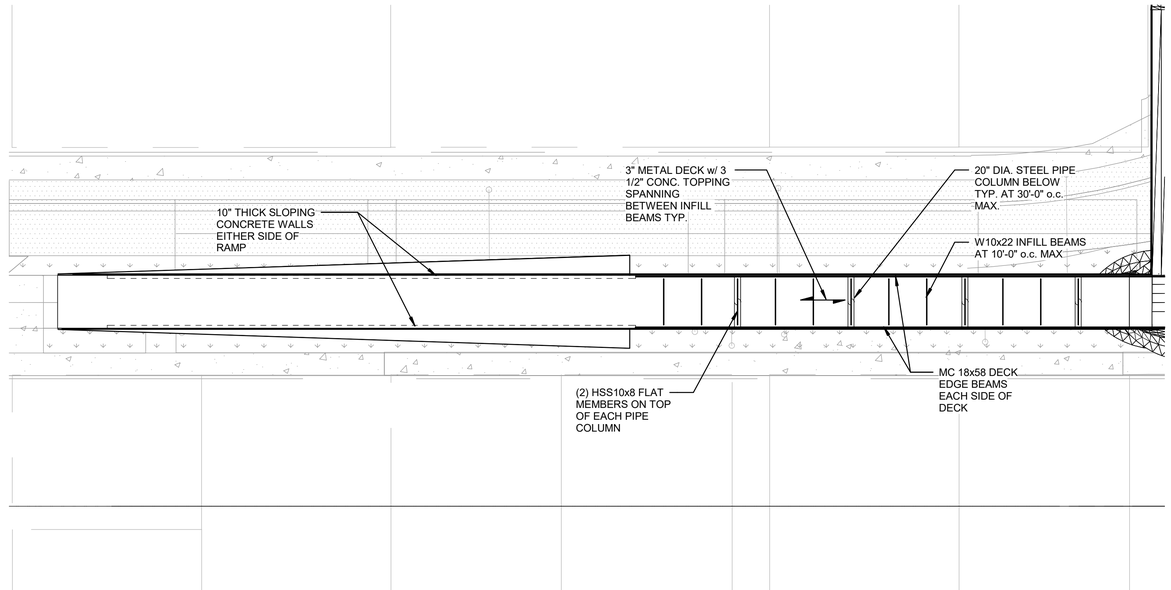
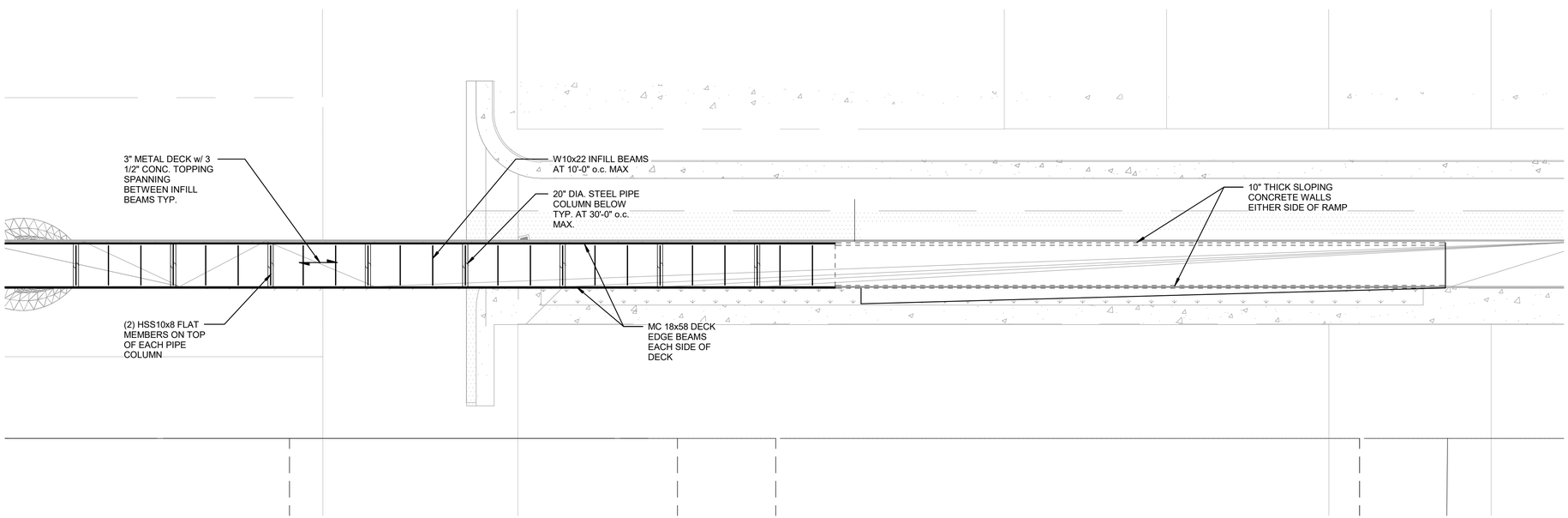



1 NW HAWTHORNE AVE - CONCEPT 2 WEST APPROACH PLAN
1" = 20'-0"




2 NW HAWTHORNE AVE - CONCEPT 2 EAST APPROACH PLAN
1" = 20'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 09/02/22

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H2-6

COB #

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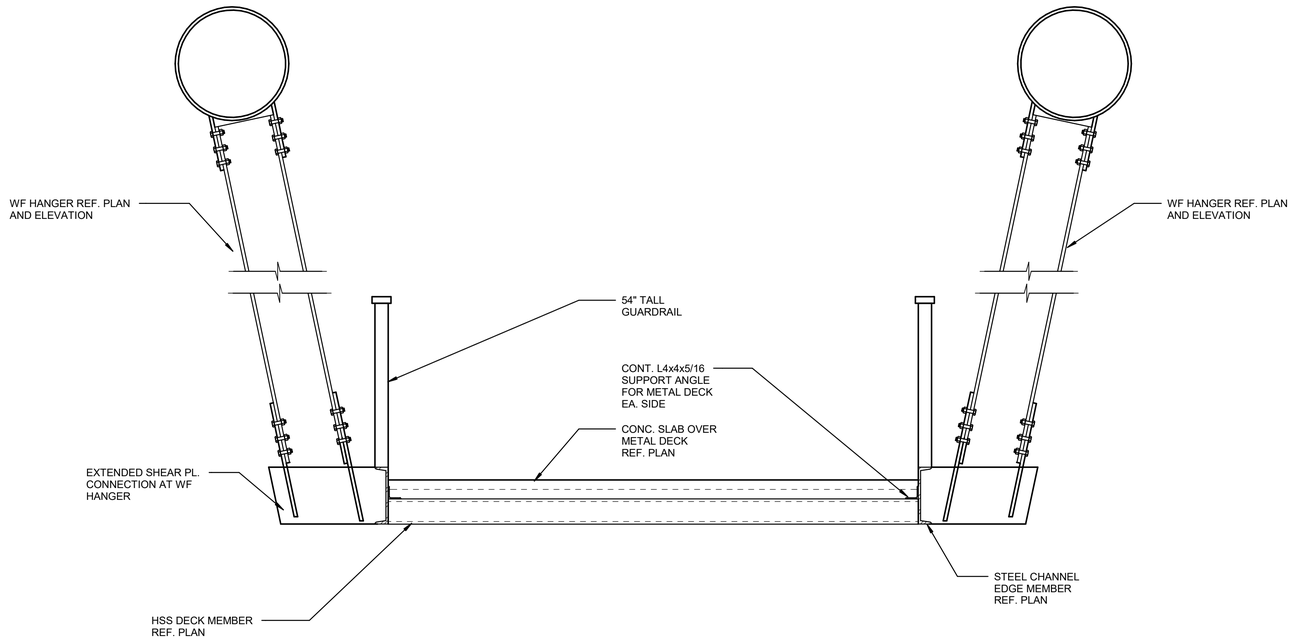
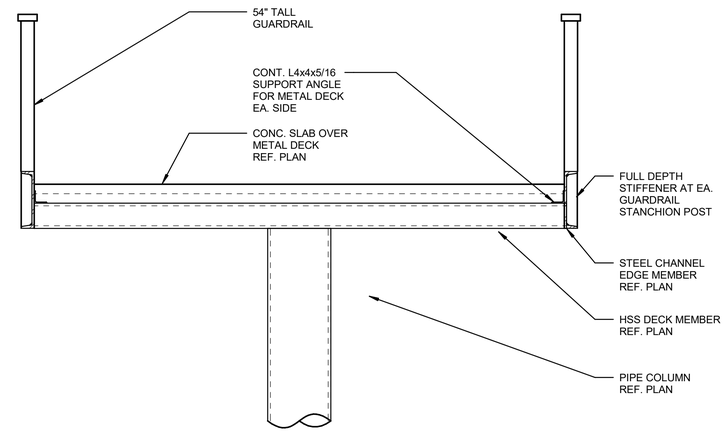
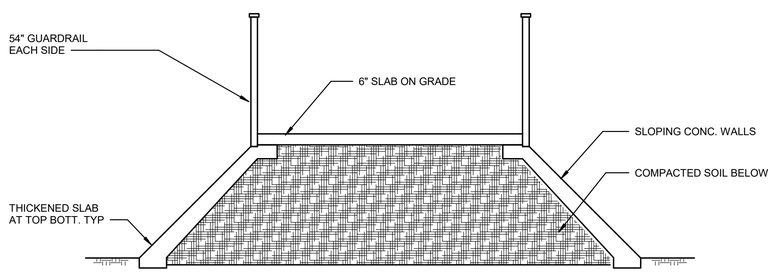



2 SECTION THROUGH MAIN SPAN OF BRIDGE
1/2" = 1'-0"




1 SECTION THROUGH RAMP
1/2" = 1'-0"




3 SECTION THROUGH ON GRADE APPROACH
1/4" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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FILE:
DATE: 09/02/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H2-7

COB #

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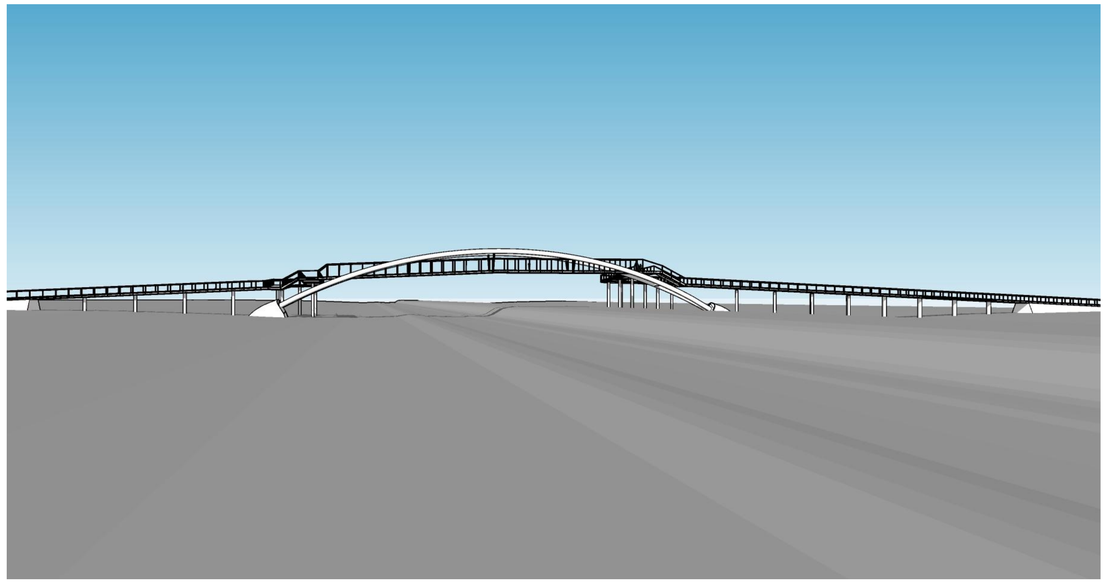

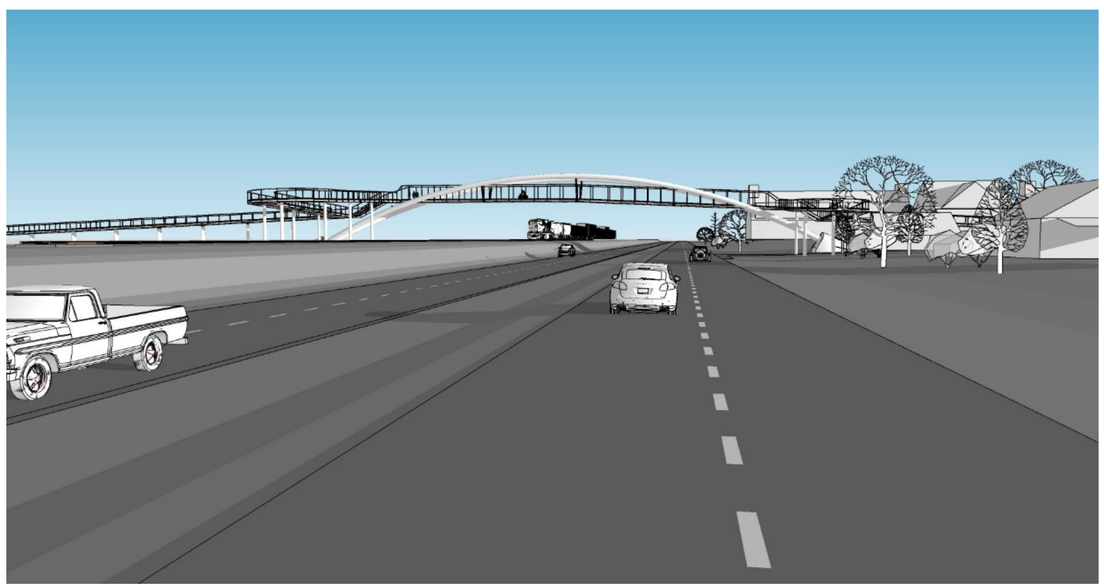

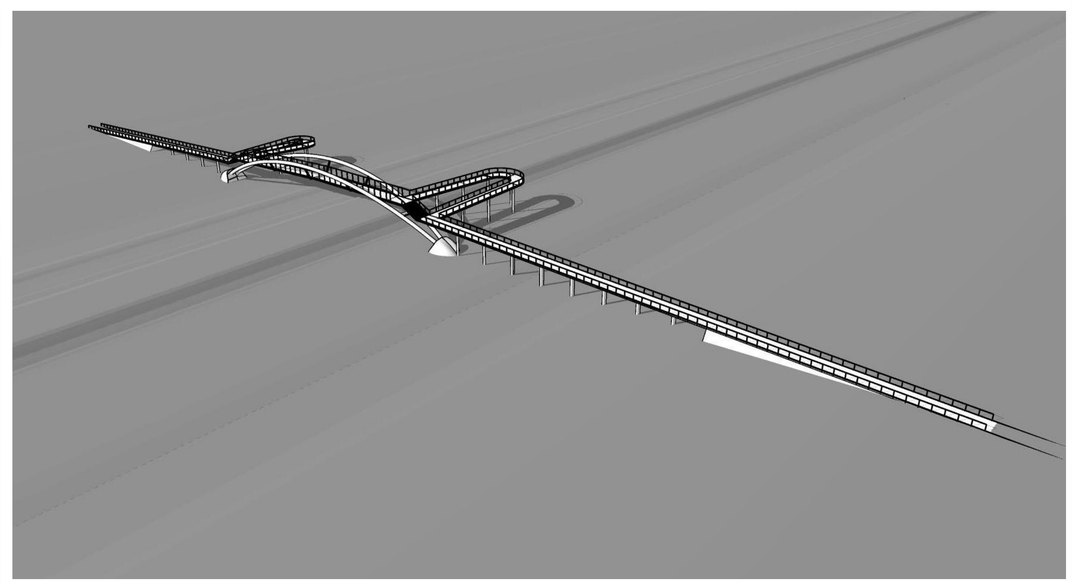

PRELIMINARY
STAMP
CONSTRUCTION
[ENGINEERS]
NOT FOR
CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - ARCH. RENDERING

DESCHUTES COUNTY, OREGON

CITY OF BEND

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FILE:
DATE: 09/02/2022

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0 1"
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SHEET:
H2-8

COB #

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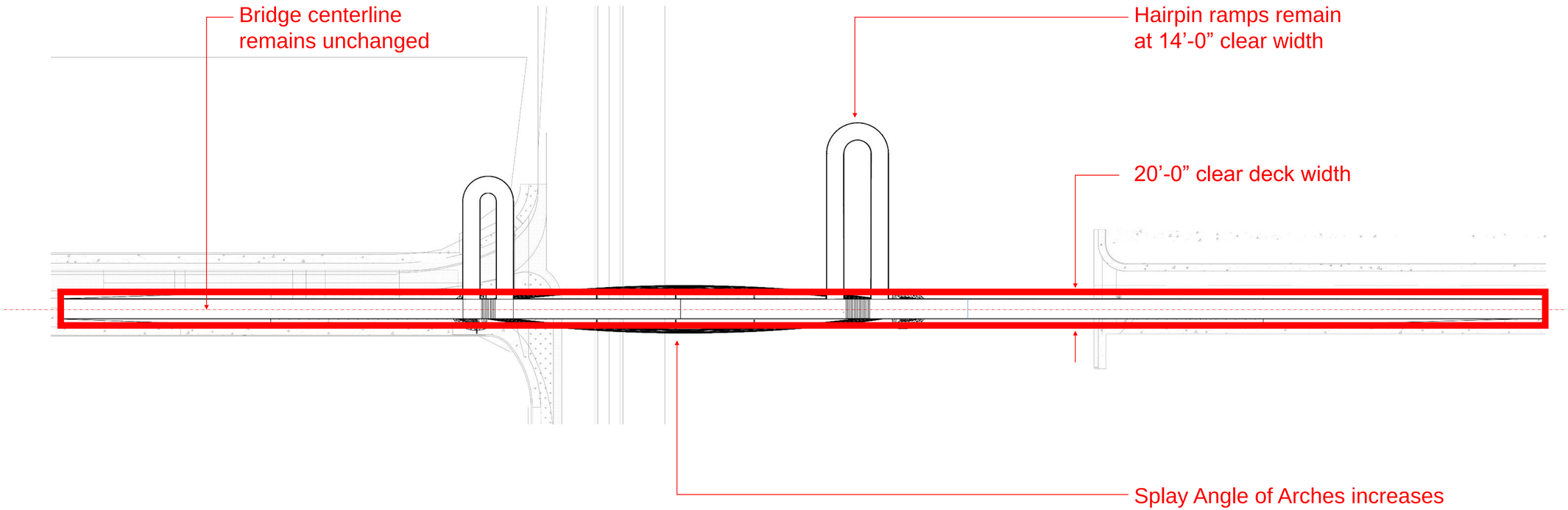


- Re-engineered arches
- Re-engineered deck structure
- Re-designed arch abutments to accommodate arch geometry

FEASIBILITY OF 20’ DECK WIDTH - OPTION 2– “HAIRPIN”

Draft for comment

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 2 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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DESIGNED BY: RG
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE:

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H2-10

COB #

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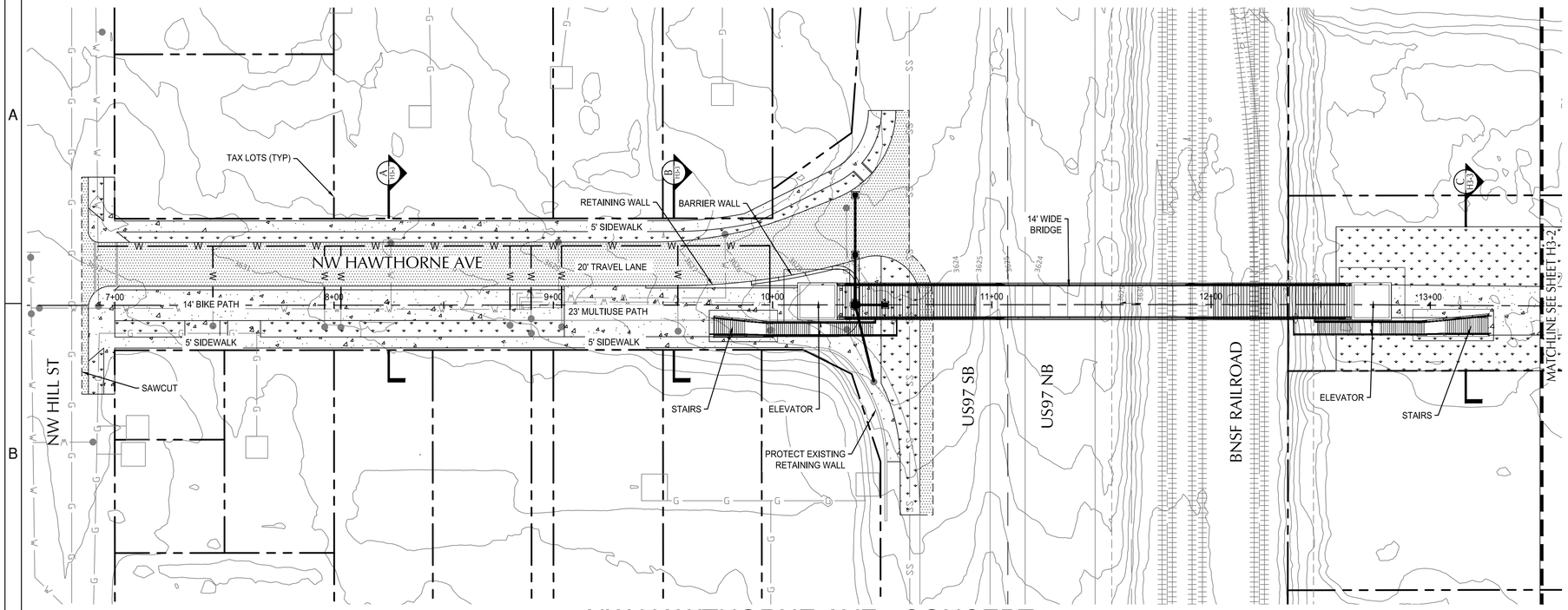


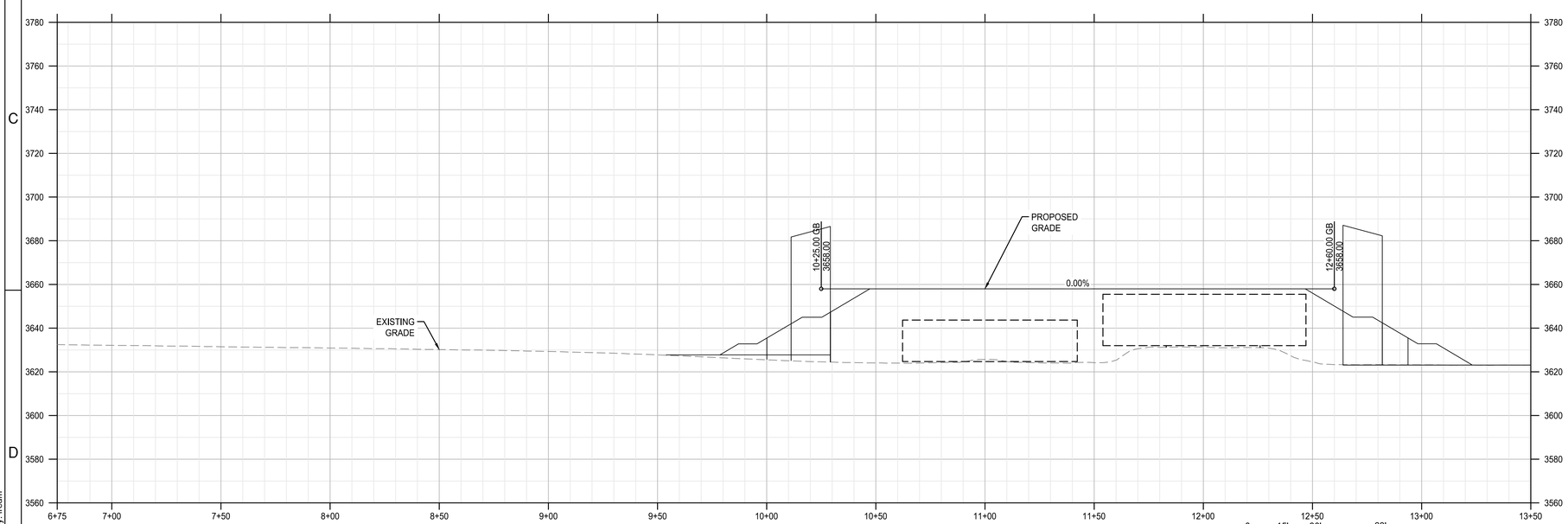

## NW HAWTHORNE AVE - CONCEPT 3
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

## NW HAWTHORNE AVE - CONCEPT 3
## PROFILE VIEW

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 3 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

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F: 503.274.4681
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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-1

COB #

File: N:\cip\2021\2100518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H3-1
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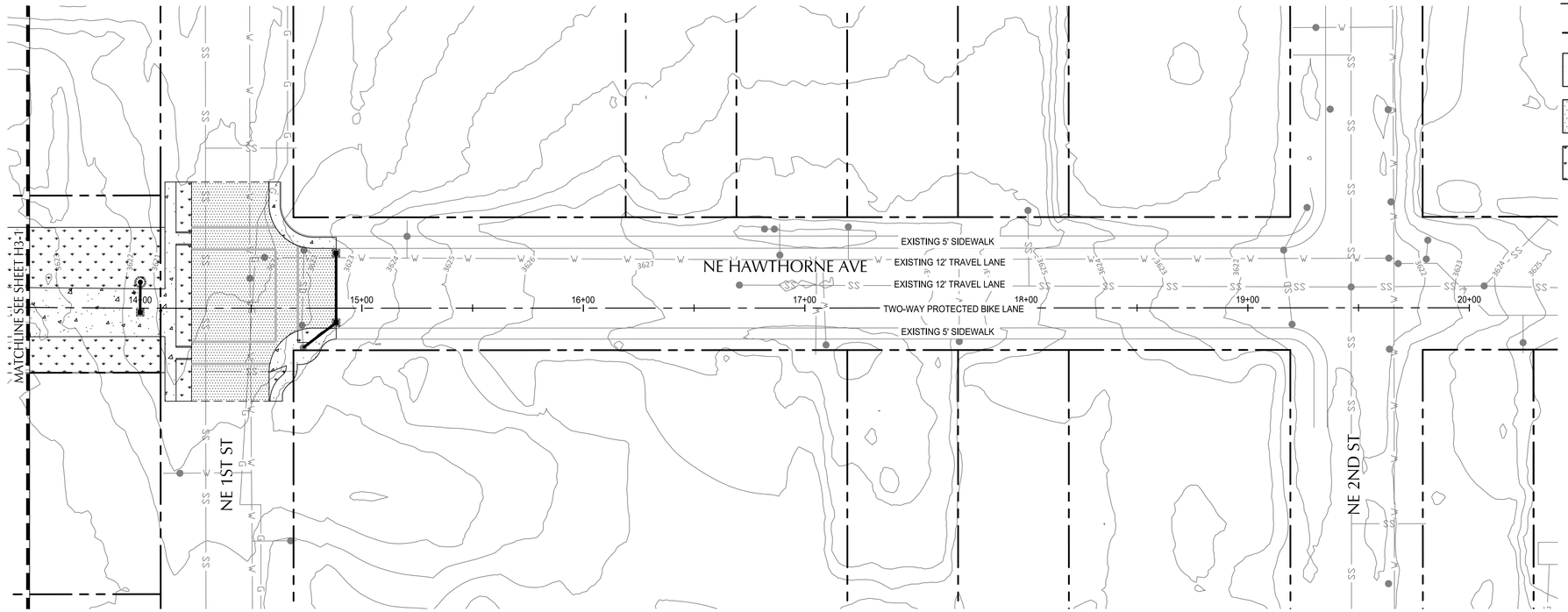


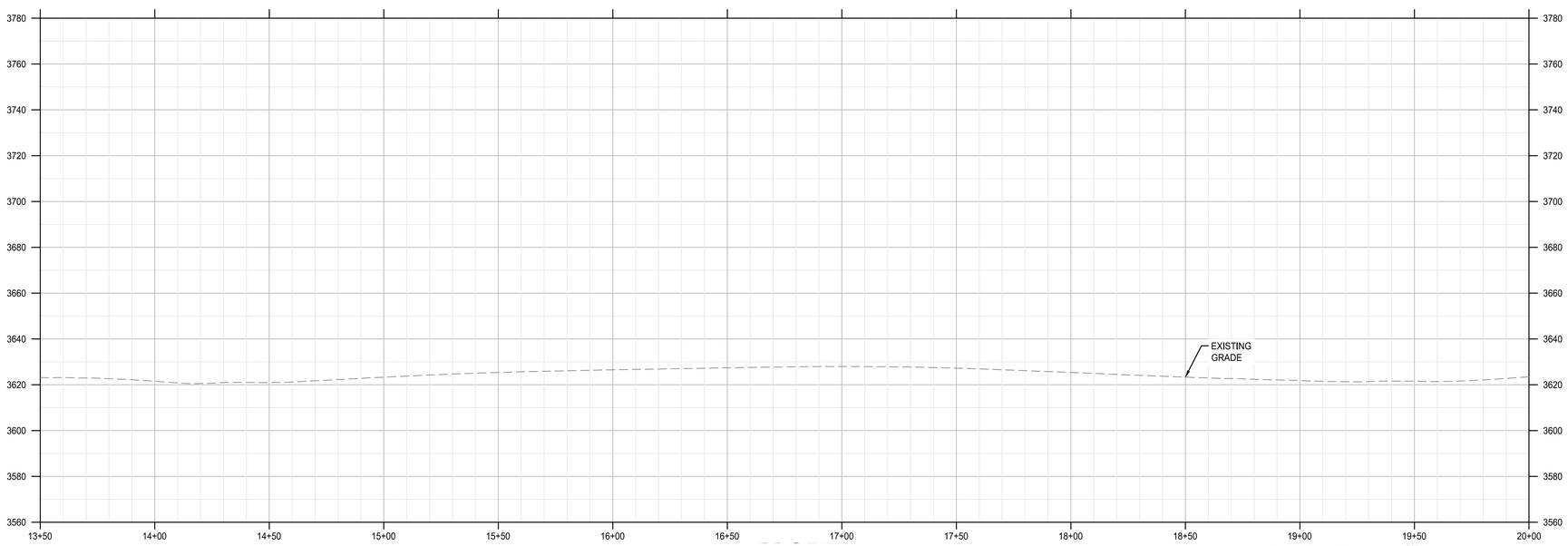

## NW HAWTHORNE AVE - CONCEPT 3
## PLAN VIEW

SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

N

0 15' 30' 60'
SCALE: 1" = 30'




## NW HAWTHORNE AVE - CONCEPT 3
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 30'

PRELIMINARY NOT FOR CONSTRUCTION
[ENGINEERS STAMP]

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## HAWTHORNE ALTERNATIVE 3 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
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Portland, OR 97204
P: 503.542.3900
F: 503.274.4681
www.kpff.com

DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-2

COB #

File: N:\cip\2021\210518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H3-2
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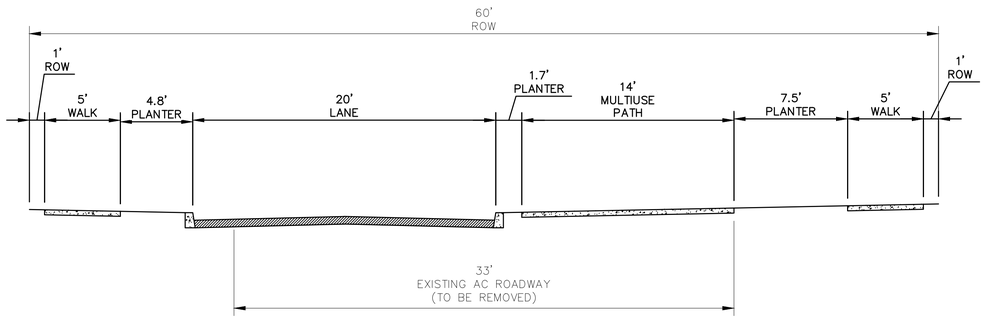
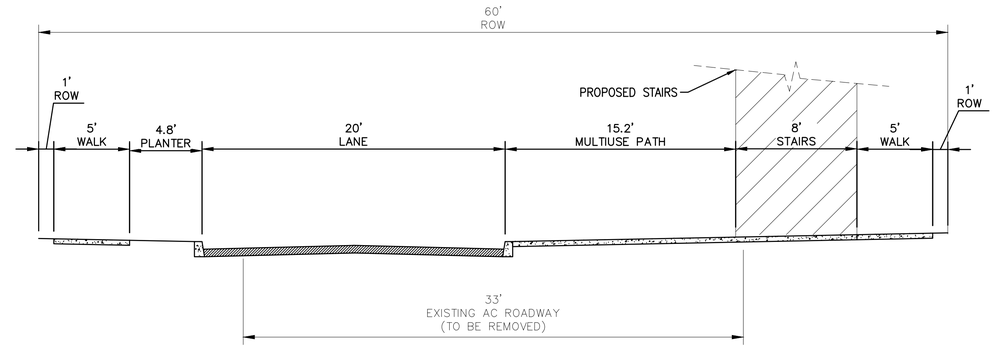
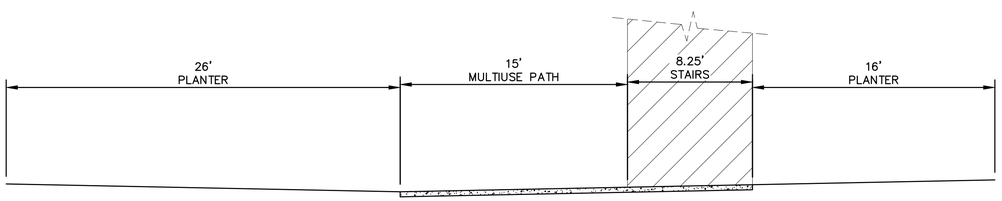



A SECTION A - CONCEPT 3
SCALE: 1" = 5'




B SECTION B - CONCEPT 3
SCALE: 1" = 5'




C SECTION C - CONCEPT 3
SCALE: 1" = 5'

## SHEET LEGEND

- PROPERTY LINE
- CONCRETE SIDEWALK
- ASPHALT PAVEMENT
- LANDSCAPING

0 5' 10'
SCALE: 1" = 5'

PRELIMINARY
CONSTRUCTION
[ENGINEERS]
STAMP
NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## HAWTHORNE ALTERNATIVE 3 - CIVIL SECTIONS

CITY OF BEND

DESCHUTES COUNTY, OREGON

REVISIONS:
1.
2.
3.

kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
P: 503.542.3960
F: 503.274.4681
www.kpff.com

DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-3

COB #

File: N:\cip\2021\210518-City-of-Bend-Midtown-Crossing\CAD\PLOT\1518-03-P&P.dwg TAB:H3-3
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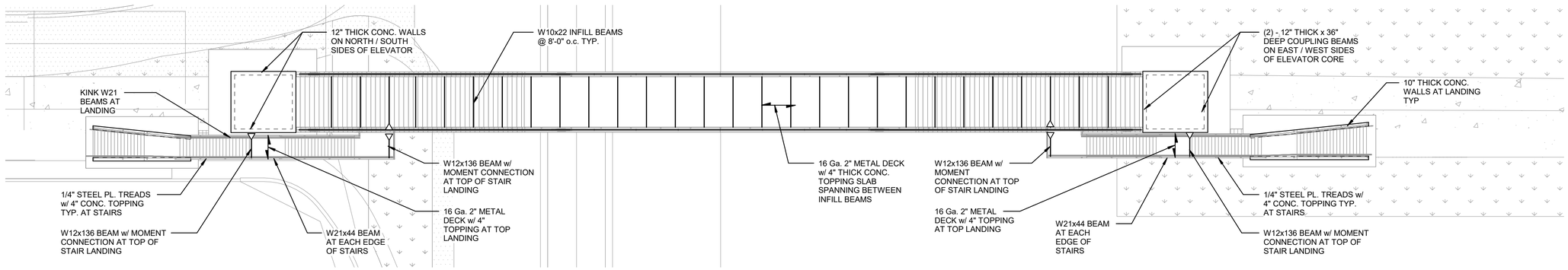
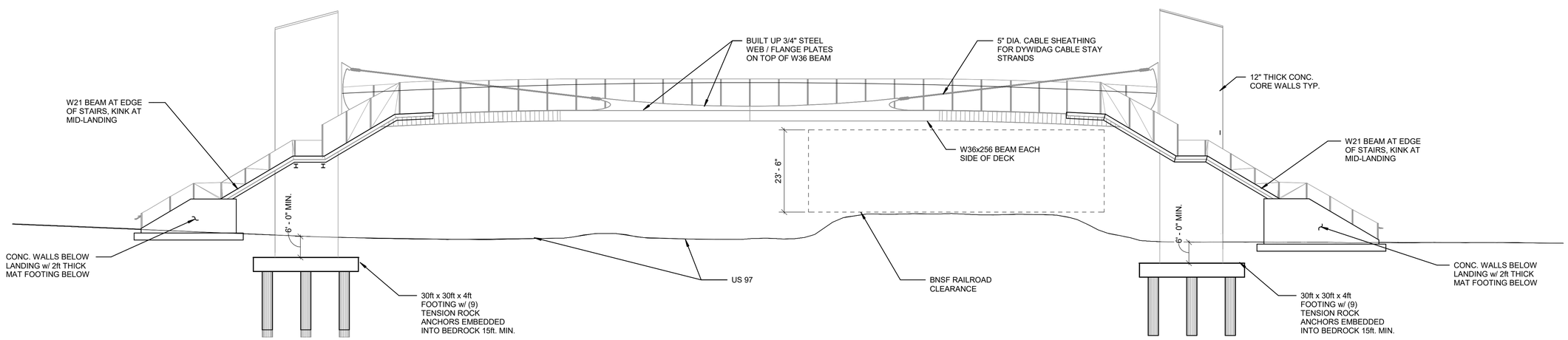



1 NW HAWTHORNE AVE - CONCEPT 3 OVERALL BRIDGE PLAN
1/16" = 1'-0"




2 NW HAWTHORNE AVE - CONCEPT 3 OVERALL BRIDGE ELEVATION
1/16" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 3 - STRUCTURAL

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
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kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
O: 503.227.3251
F: 503.227.7980
www.kpff.com

DESIGNED BY: RG
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 09/02/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-4

COB #

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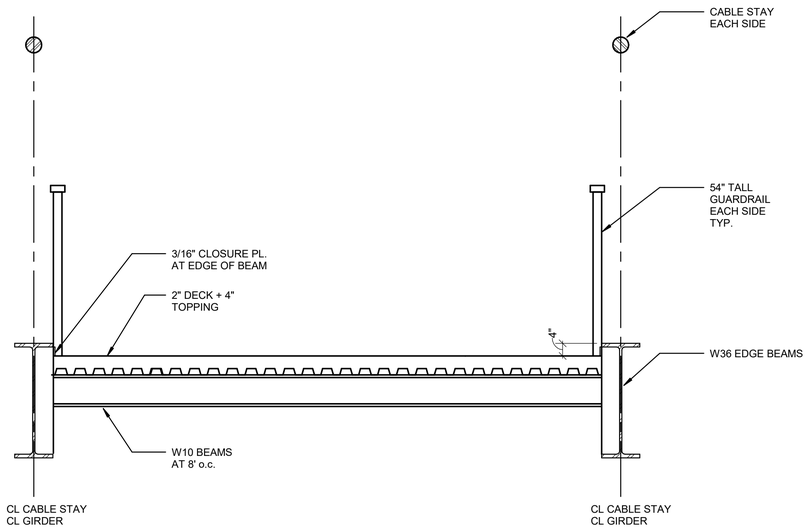
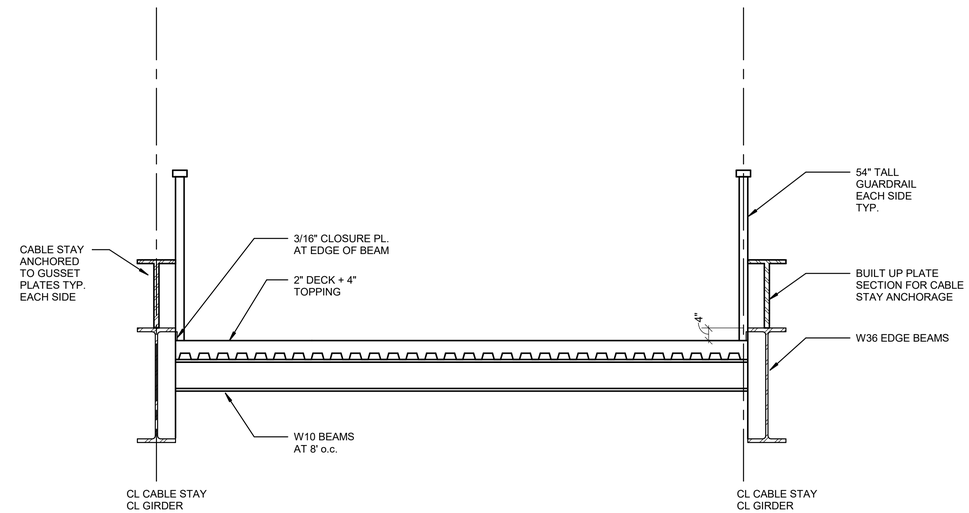


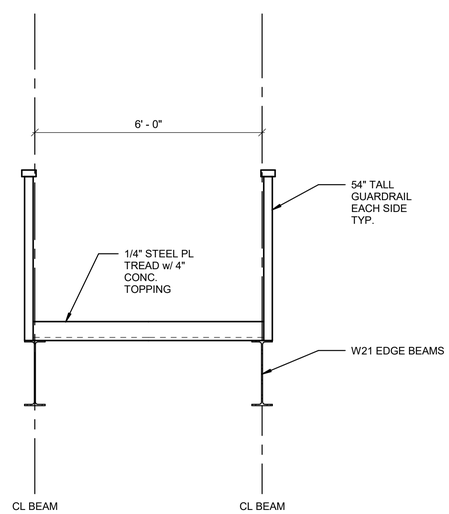

## 2 SECTION THROUGH DECK NEAR ENDS

1/2" = 1'-0"




## 1 SECTION THROUGH DECK NEAR MID-SPAN

1/2" = 1'-0"




## 3 SECTION THROUGH STAIRS

1/2" = 1'-0"

PRELIMINARY
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# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 3 - STRUCTURAL

DESCHUTES COUNTY, OREGON

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Portland, OR 97204
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F: 503.227.7980
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DESIGNED BY: RG
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 09/02/22

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
H3-5

COB #

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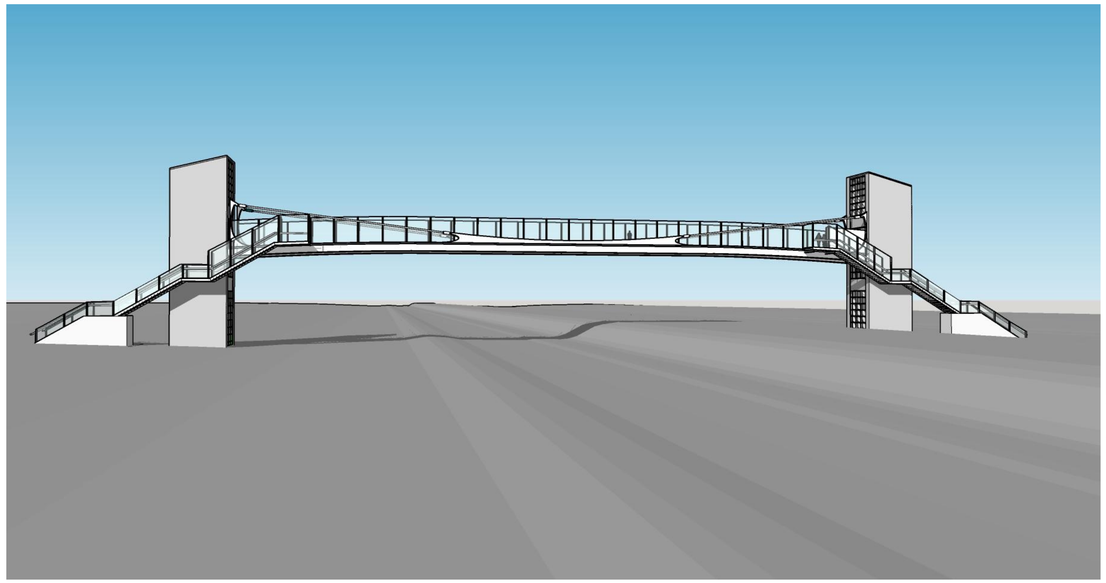

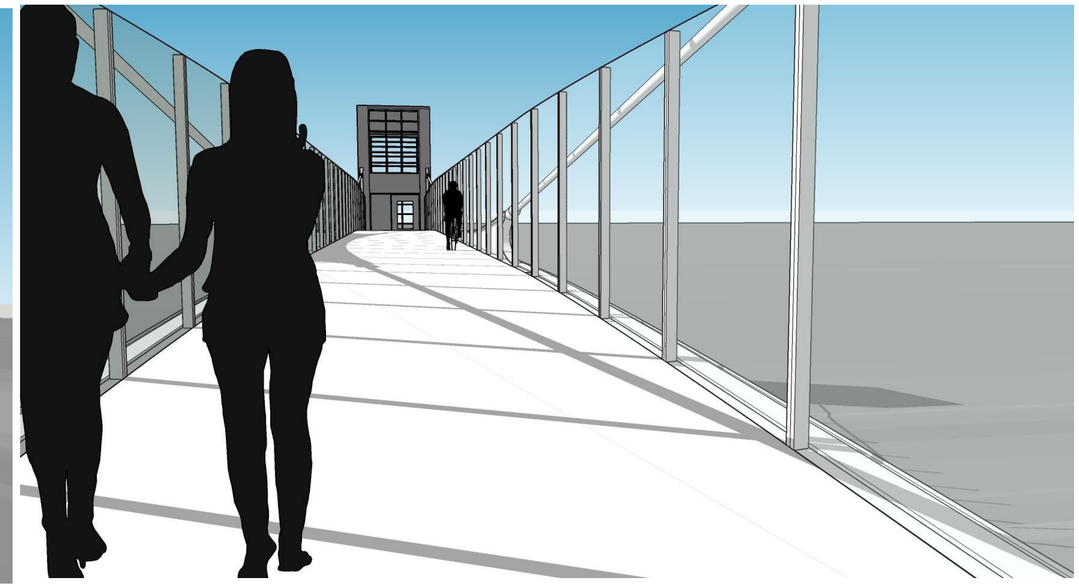

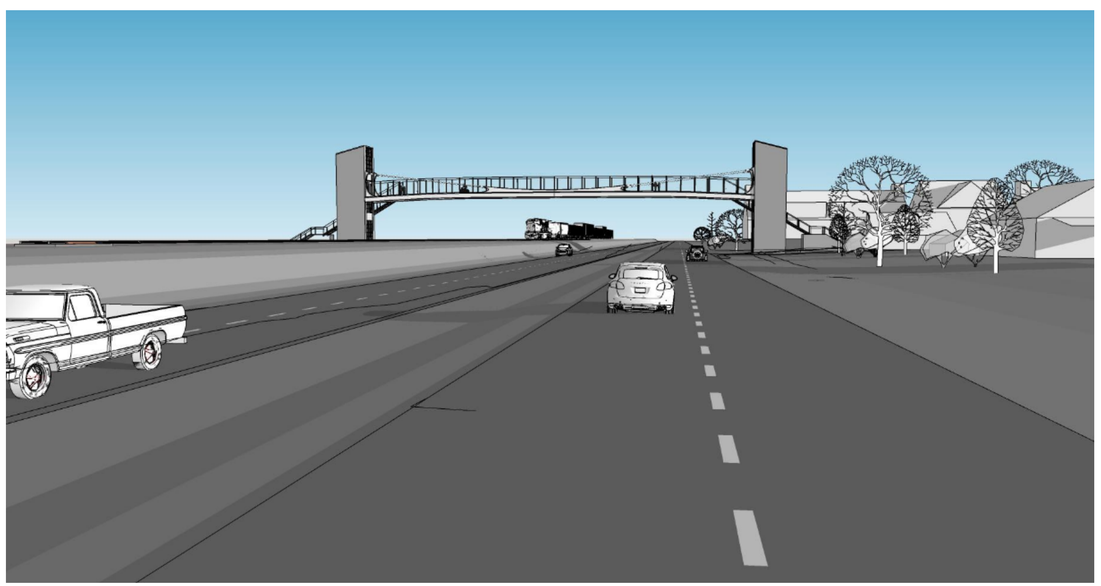

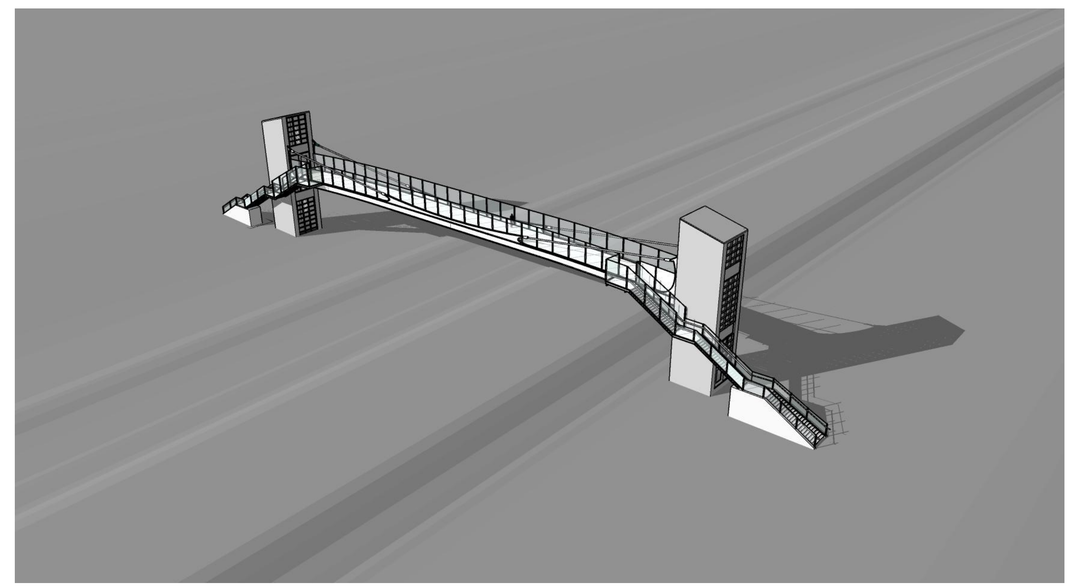

PRELIMINARY
CONSTRUCTION
[ENGINEERS]
STAMP
NOT FOR
CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 3 - ARCH. RENDERING

DESCHUTES COUNTY, OREGON

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P: 503.542.3980
F: 503.274.4681
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DESIGNED BY:
DRAWN BY:
SCALE:
FILE:
DATE: 09/02/2022

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-6

COB #

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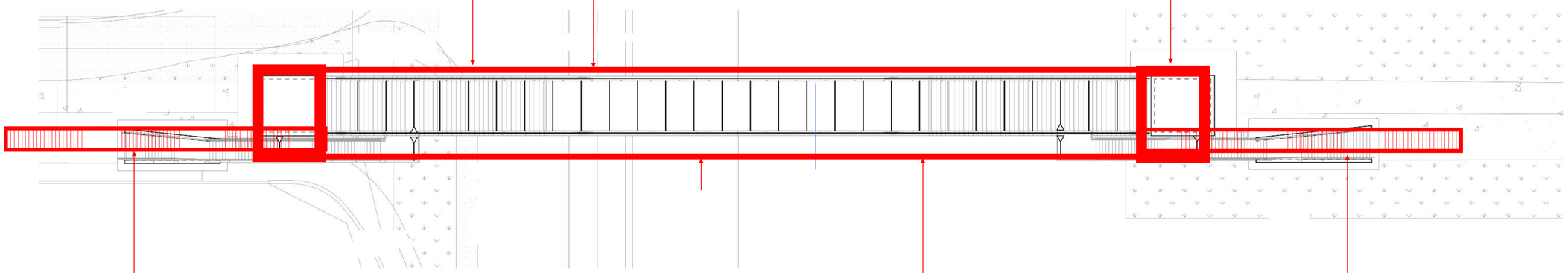


- Re-engineered towers
- Re-engineered tower foundations
- Re-engineered deck and suspension structure

FEASIBILITY OF 20' DECK WIDTH - OPTION 3– "ELEVATOR"

Draft for comment

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

HAWTHORNE ALTERNATIVE 3 - STRUCTURAL

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
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kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
O: 503.227.3251
F: 503.227.7980
www.kpff.com

DESIGNED BY: RG
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE:

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
H3-10

COB #

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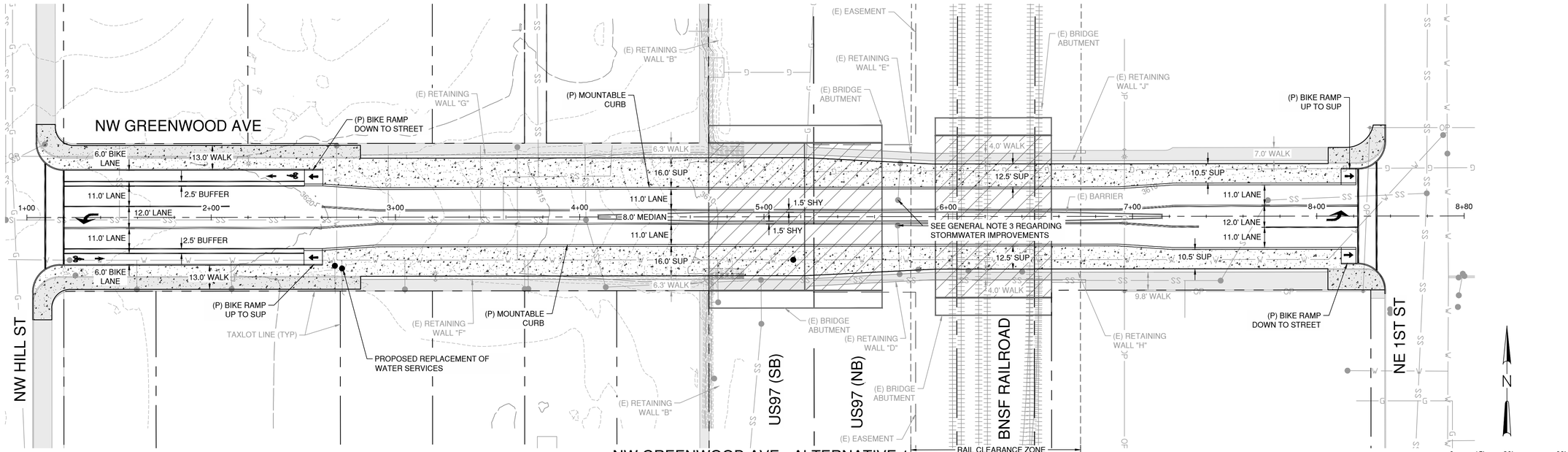
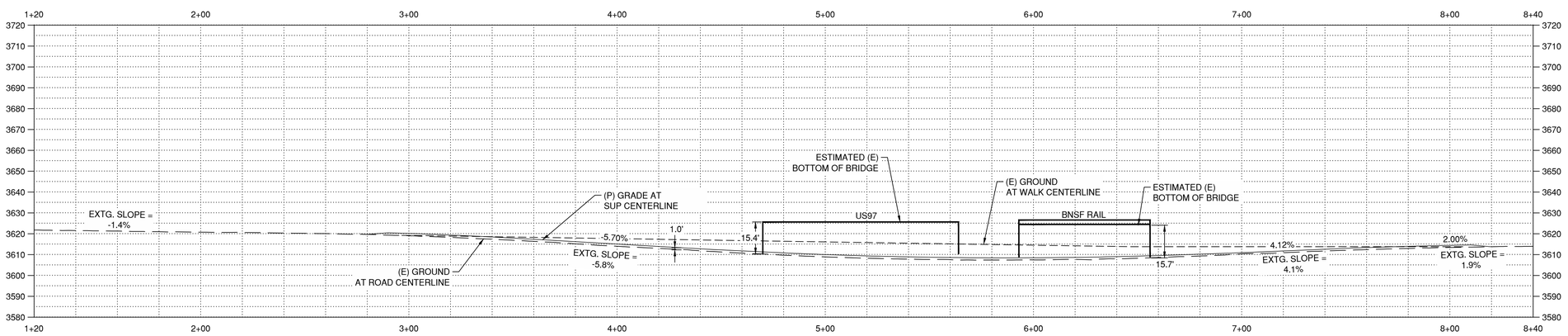



## NW GREENWOOD AVE - ALTERNATIVE 1
## PLAN VIEW




## NW GREENWOOD AVE - ALTERNATIVE 1
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 1'

## ABBREVIATIONS

| | |
|---|---|
| (E) OR EXTG. | EXISTING |
| ELEV | ELEVATION |
| (P) | PROPOSED |
| PT. | POINT |
| ROW | RIGHT-OF-WAY |

## LEGEND:

(E) OVERCROSSING

(P) CONCRETE

## GENERAL NOTES:

1. NO BOUNDARY OR TOPOGRAPHIC SURVEY HAS BEEN COMPLETED AS PART OF THE PROJECT.
2. INFORMATION SHOWN IS BEST-FIT BASED ON AVAILABLE DATA FROM GIS AND RECORD DRAWINGS. GAS LINE SHOWN IS APPROXIMATED FROM CASCADE NATURAL GAS (CNG) RECORD DRAWINGS. NO FIELD VERIFICATION HAS OCCURRED. INFORMATION SHOWN IS NOT INTENDED FOR CONSTRUCTION USE.
3. STORMWATER RELATED IMPROVEMENTS WERE NOT INCLUDED IN THESE PLANS AS CONCEPTUAL DESIGNS AND COSTS HAVE BEEN PREPARED BY THE CITY THROUGH CIP PROJECT NUMBER 1RFGU.
4. POTENTIAL UTILITY CONFLICTS AND RELOCATIONS TO BE RESOLVED THROUGH THE DESIGN PHASE.

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

GREENWOOD ALT 1 - CIVIL

DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
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Parametrix
ENGINEERING. PLANNING. ENVIRONMENTAL SCIENCES
150 NW PACIFIC PARK LANE, SUITE 110 | BEND, OR 97701
P 541.508.7710
WWW.PARAMETRIX.COM

DESIGNED BY: JRW
DRAWN BY: SPR
SCALE: AS SHOWN
FILE: 297-3131-023-GRWD_ALT1_P&P
DATE: 9/13/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
G1-1

COB # -------

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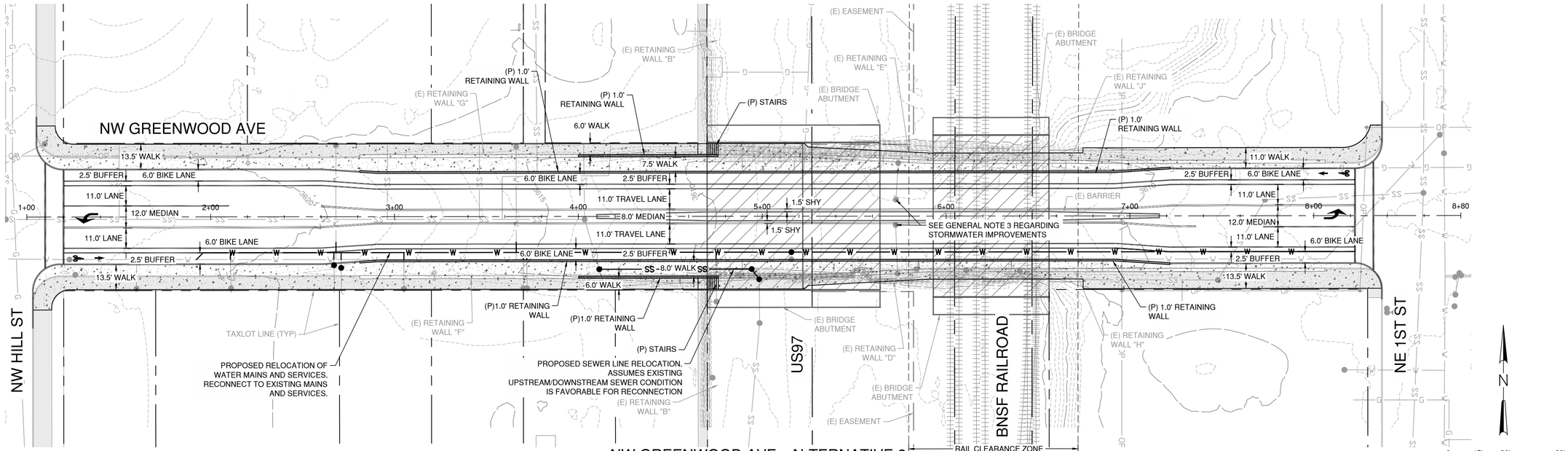
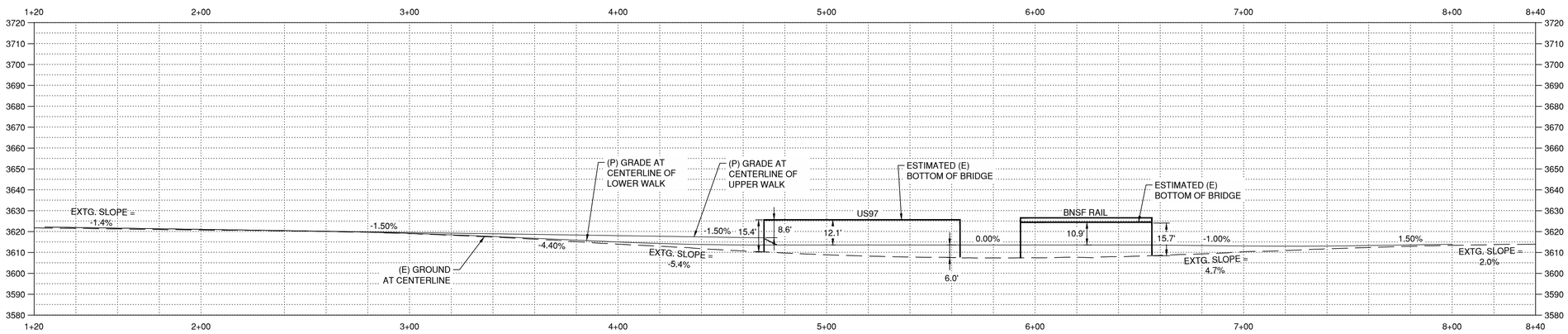



## NW GREENWOOD AVE - ALTERNATIVE 2
## PLAN VIEW




## NW GREENWOOD AVE - ALTERNATIVE 2
## PROFILE VIEW

0 15' 30' 60'
HORIZ SCALE: 1" = 30'
VERT SCALE: 1" = 1'

## ABBREVIATIONS

| | |
|---|---|
| (E) OR EXTG. | EXISTING |
| ELEV | ELEVATION |
| (P) | PROPOSED |
| PT. | POINT |
| ROW | RIGHT-OF-WAY |

## LEGEND:

(E) OVERCROSSING

(P) CONCRETE

## GENERAL NOTES:

1. NO BOUNDARY OR TOPOGRAPHIC SURVEY HAS BEEN COMPLETED AS PART OF THE PROJECT.
2. INFORMATION SHOWN IS BEST-FIT BASED ON AVAILABLE DATA FROM GIS AND RECORD DRAWINGS. GAS LINE SHOWN IS APPROXIMATED FROM CASCADE NATURAL GAS (CNG) RECORD DRAWINGS. NO FIELD VERIFICATION HAS OCCURRED. INFORMATION SHOWN IS NOT INTENDED FOR CONSTRUCTION USE.
3. STORMWATER RELATED IMPROVEMENTS WERE NOT INCLUDED IN THESE PLANS AS CONCEPTUAL DESIGNS AND COSTS HAVE BEEN PREPARED BY THE CITY THROUGH CIP PROJECT NUMBER 1RFGU.
4. POTENTIAL UTILITY CONFLICTS AND RELOCATIONS TO BE RESOLVED THROUGH THE DESIGN PHASE.

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS
## GREENWOOD ALT 2 - CIVIL
DESCHUTES COUNTY, OREGON

CITY OF BEND

REVISIONS:
1.
2.
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Parametrix
ENGINEERING. PLANNING. ENVIRONMENTAL SCIENCES
150 NW PACIFIC PARK LANE, SUITE 110 | BEND, OR 97701
P 541.508.7710
WWW.PARAMETRIX.COM

DESIGNED BY: JRW
DRAWN BY: SPR
SCALE: AS SHOWN
FILE: 297-3131-023-GRWD_ALT2_P&P
DATE: 9/13/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
G2-1

COB # -------

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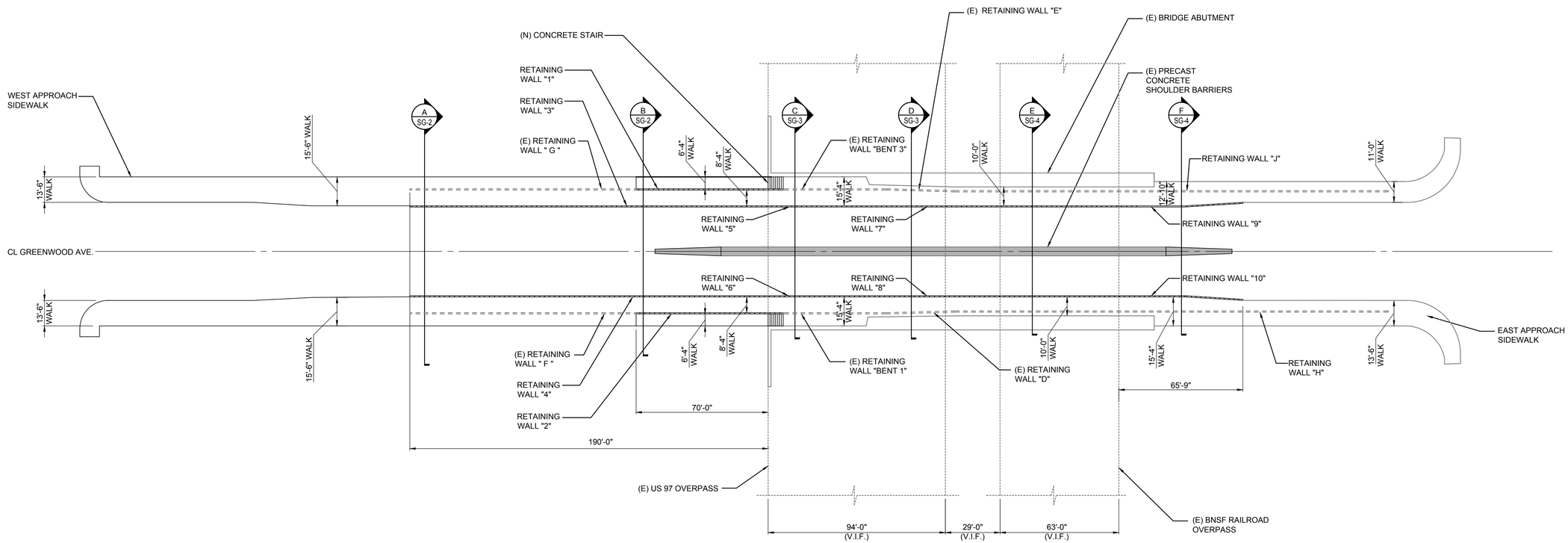


## PLAN

1" = 30'-0"

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## GREENWOOD AVE CONCEPT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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kpff
111 SW Fifth Ave., Suite 2600
Portland, OR 97204
P: 503.542.3900
F: 503.274.4681
www.kpff.com

DESIGNED BY: SW
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 9/2/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
G2-2

COB #

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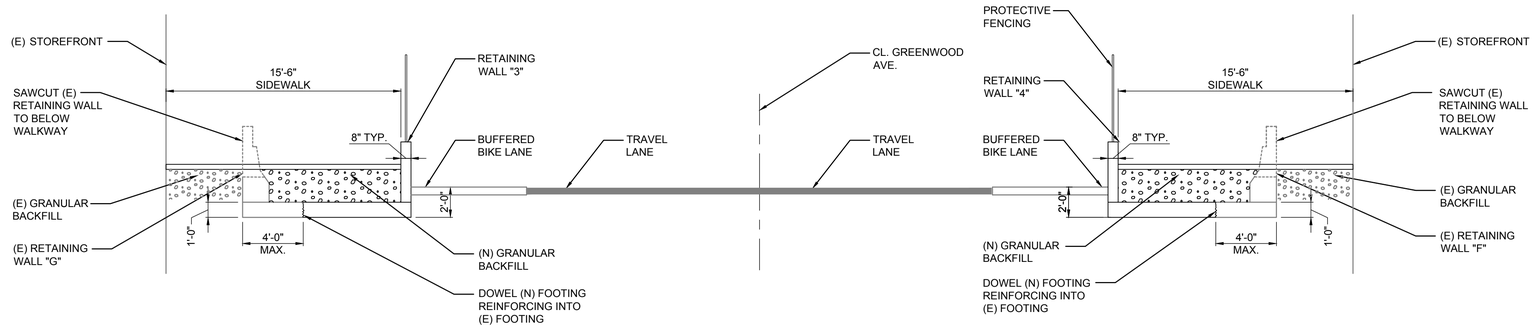


## SECTION A @ WEST APPROACH

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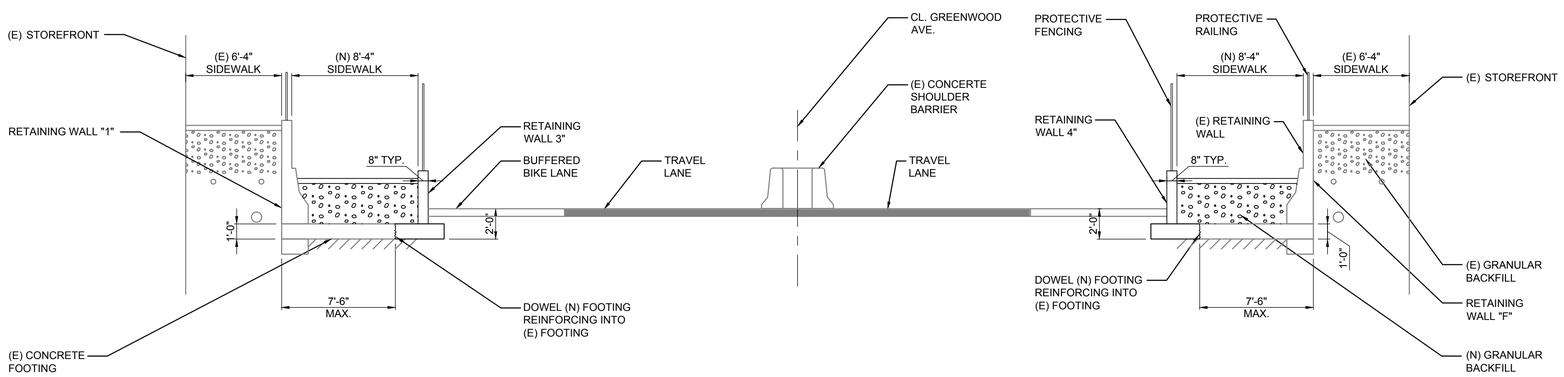


## SECTION B @ WEST APPROACH

1" = 5'-0"

PRELIMINARY
NOT FOR
CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## GREENWOOD AVE CONCEPT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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111 SW Fifth Ave., Suite 2600
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O: 503.542.3980
F: 503.274.4681
www.kpff.com

DESIGNED BY: SW
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 9/2/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH
ON ORIGINAL DRAWING

SHEET:
G2-3

COB #

File: K:\kpff other offices\civil - portland_1010\101021005\8 - city of bend midtown crossing\Drafting\greenwood cad files\SG-2.dwg TAB:Layout1
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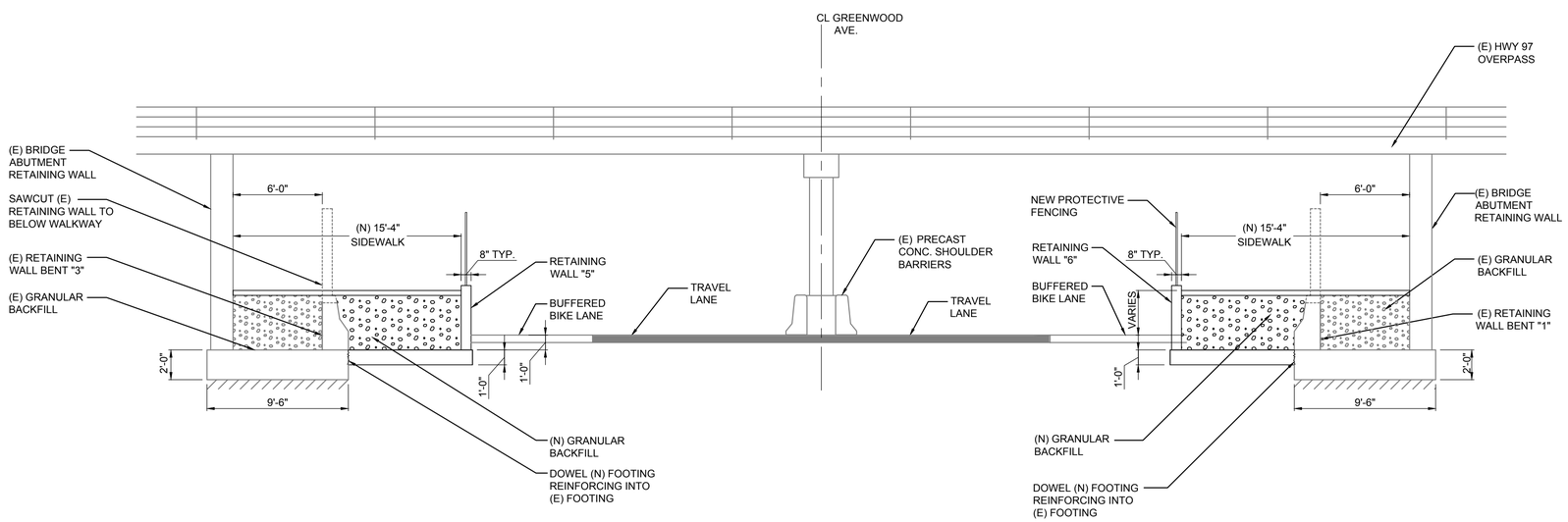
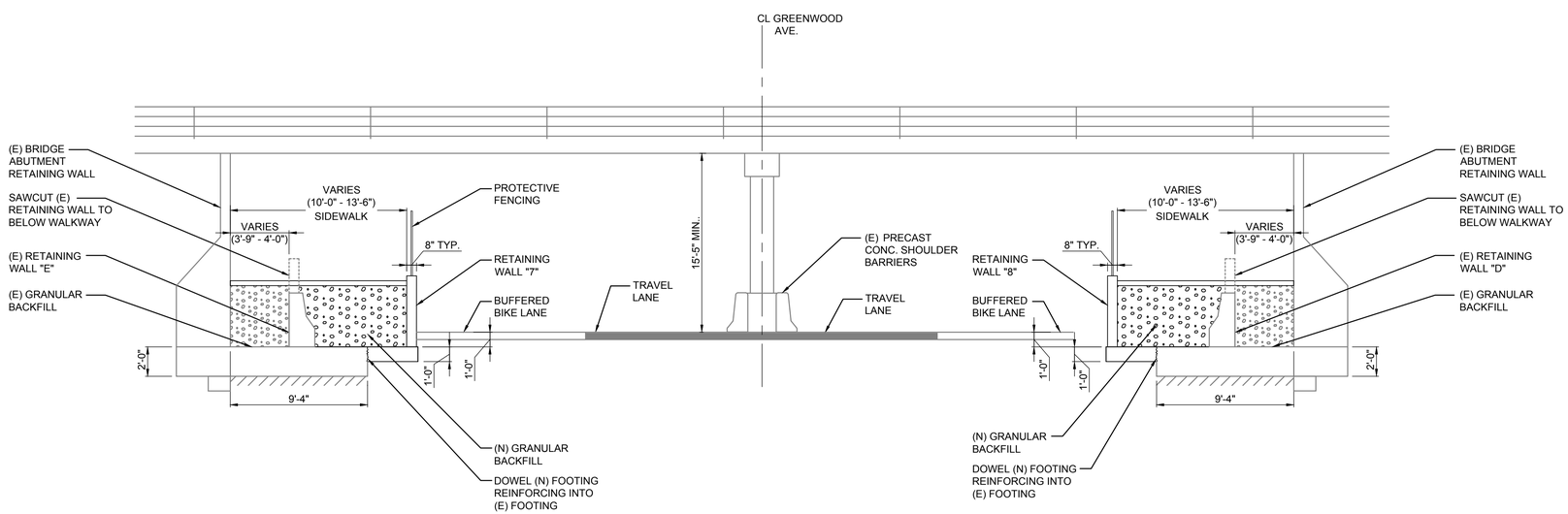



## SECTION C @ US 97 S.B. CROSSING

1" = 5'-0"




## SECTION D @ US 97 N.B. CROSSING

1" = 5'-0"

PRELIMINARY NOT FOR CONSTRUCTION

MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

GREENWOOD AVE CONCEPT 2

DESCHUTES COUNTY, OREGON

CITY OF BEND

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Portland, OR 97204
O: 503.542.3900
F: 503.274.4681
www.kpff.com

DESIGNED BY: SW
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 9/2/2022

VERIFY SCALES
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BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
G2-4

COB #

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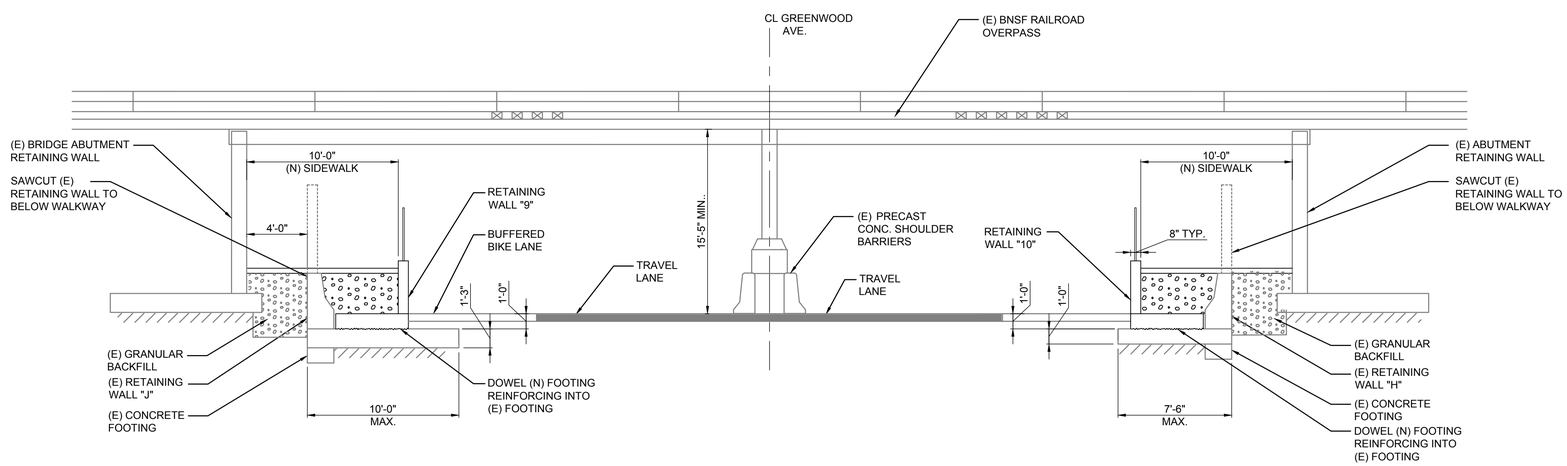


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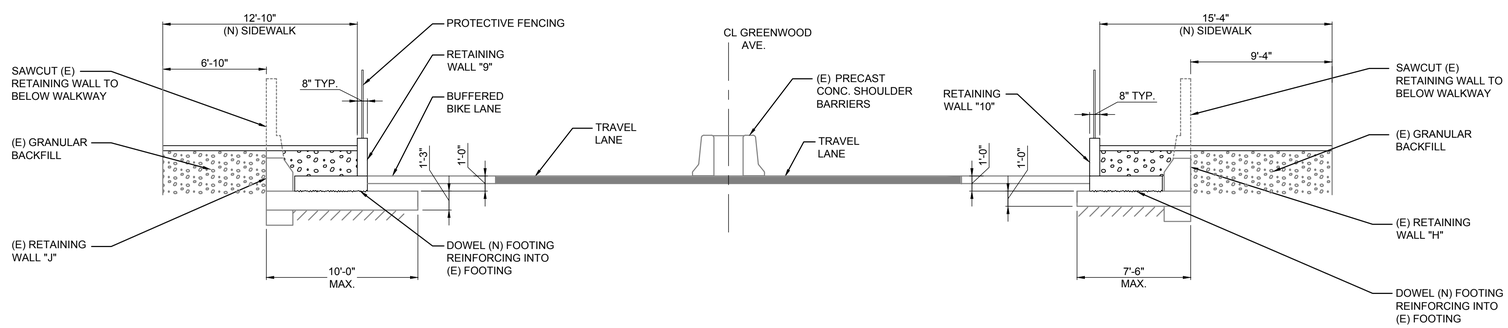


## SECTION F @ EAST APPROACH

1" = 5'-0"

PRELIMINARY NOT FOR CONSTRUCTION

# MIDTOWN PEDESTRIAN AND BICYCLE CROSSINGS

## GREENWOOD AVE CONCEPT 2

DESCHUTES COUNTY, OREGON

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www.kpff.com

DESIGNED BY: SW
DRAWN BY: RL
SCALE: AS SHOWN
FILE:
DATE: 9/2/2022

VERIFY SCALES
0 1"
BAR EQUALS ONE INCH ON ORIGINAL DRAWING

SHEET:
G2-5

COB #

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