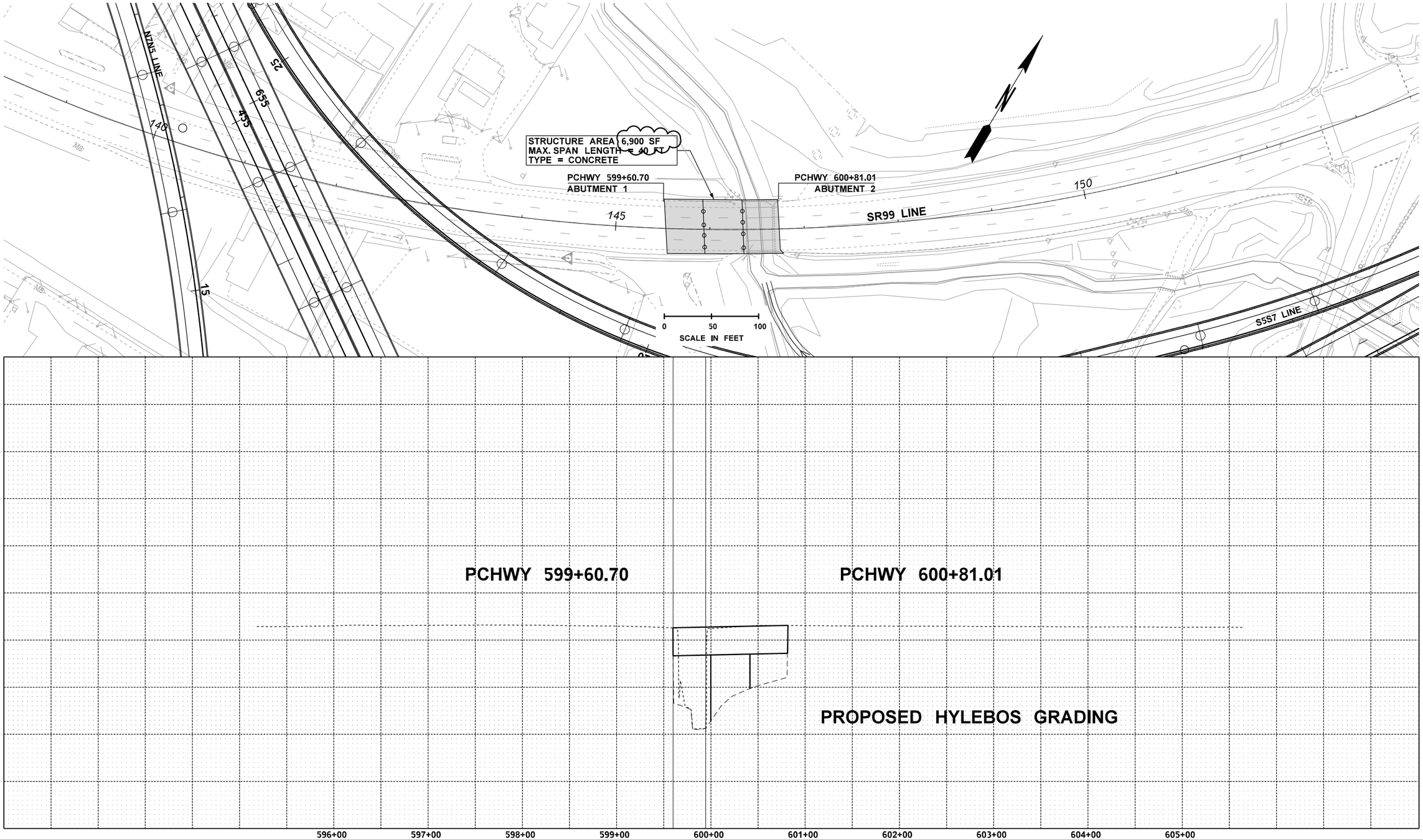



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_037_SR99_HYL.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:52:53 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

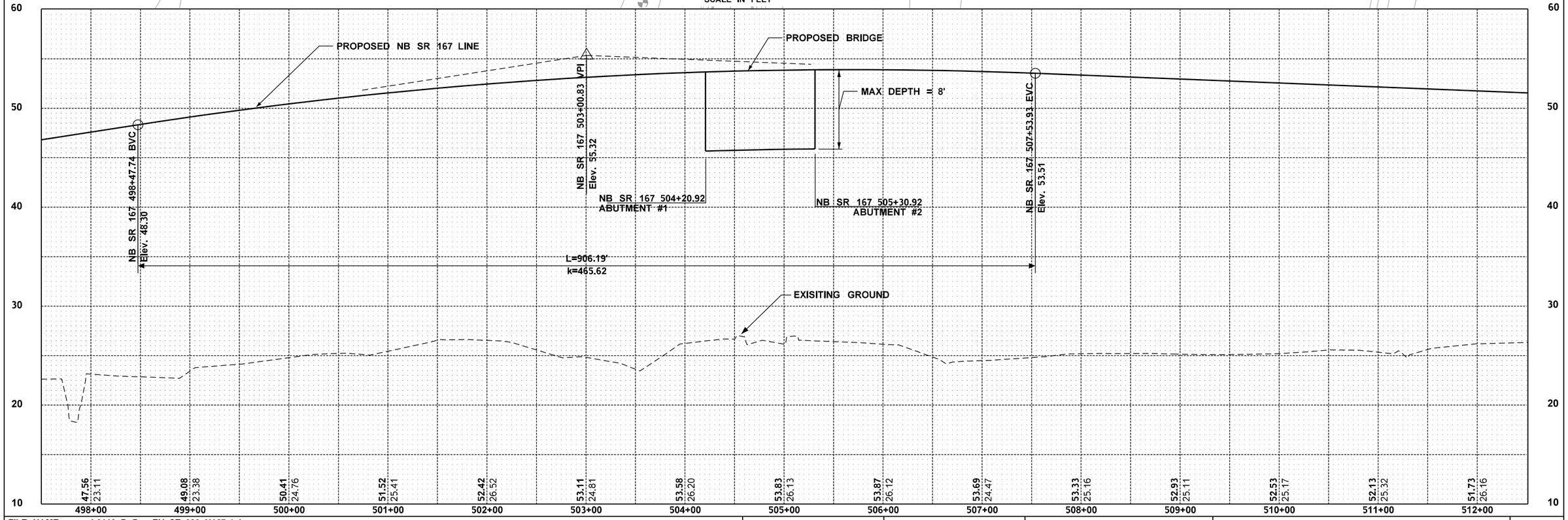
SR 167 EXTENSION SR 509 TO SR 161
NEW FREEWAY
SCHEMATIC BRIDGE STUDY
BRIDGE PLAN & PROFILE

BRIDGE NO. SR99/HYL

ST37

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| NB SR 167 498+99.25 | 8°42'34.91" | 2412.00 | 1065.18 | 2006.11 | - |
| SB SR 167 700+62.41 | 50°16'51.43" | 2564.00 | 1203.27 | 2250.08 | - |
| | | | | | |




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_039_N167-4.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | |
| TIME | 12:53:02 PM | | | | 3 | WASH | | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. | |
| ENTERED BY | | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | | |

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

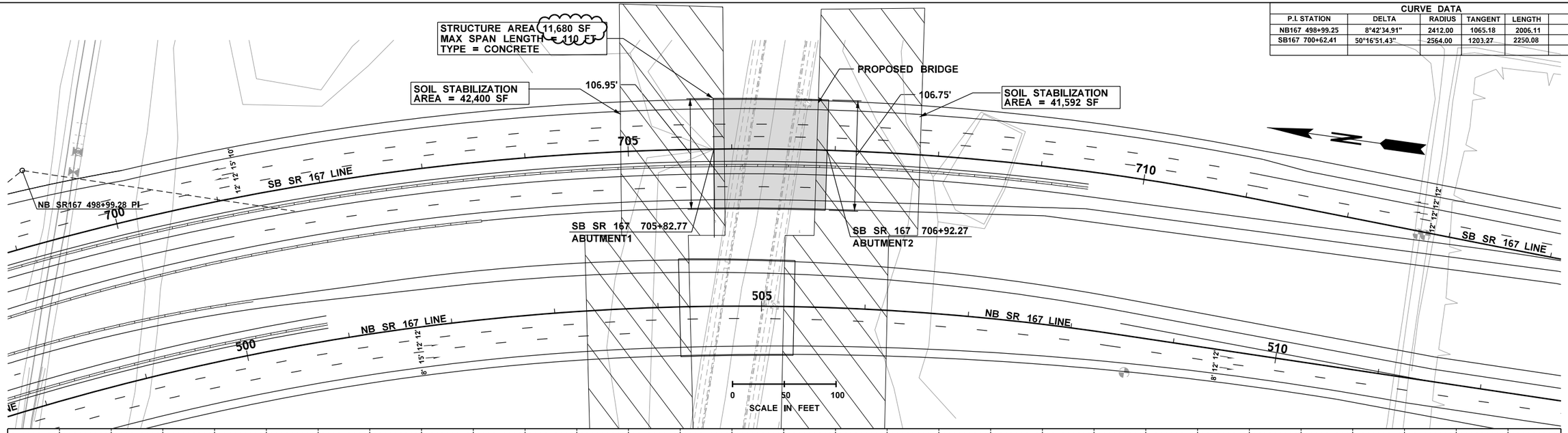
Washington State Department of Transportation

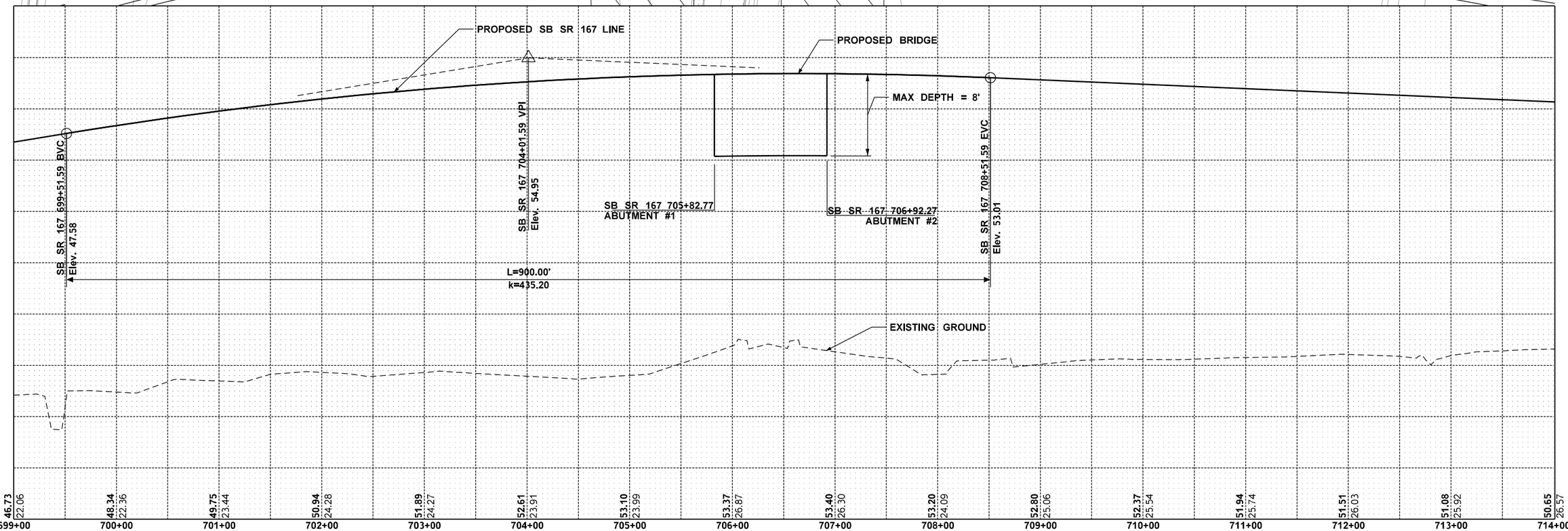
# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/26

ST39

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| NB167 498+99.25 | 8°42'34.91" | 2412.00 | 1065.18 | 2006.11 | - |
| SB167 700+62.41 | 50°16'51.43" | 2564.00 | 1203.27 | 2250.08 | - |
| | | | | | |




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_040_S167-4.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | SR 167 EXTENSION SR 509 TO SR 161 NEW FREEWAY SCHEMATIC BRIDGE STUDY BRIDGE PLAN & PROFILE |
| TIME | 12:53:08 PM | | | | 3 | WASH | | ST40 |
| DATE | 6/27/2013 | | | | JOB NUMBER | | | SHEET OF SHEETS |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | | | | | | | | |
| ENTERED BY | | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | LOCATION NO. | | |
| PROJ. ENGR. | S. FUCHS | | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | | |

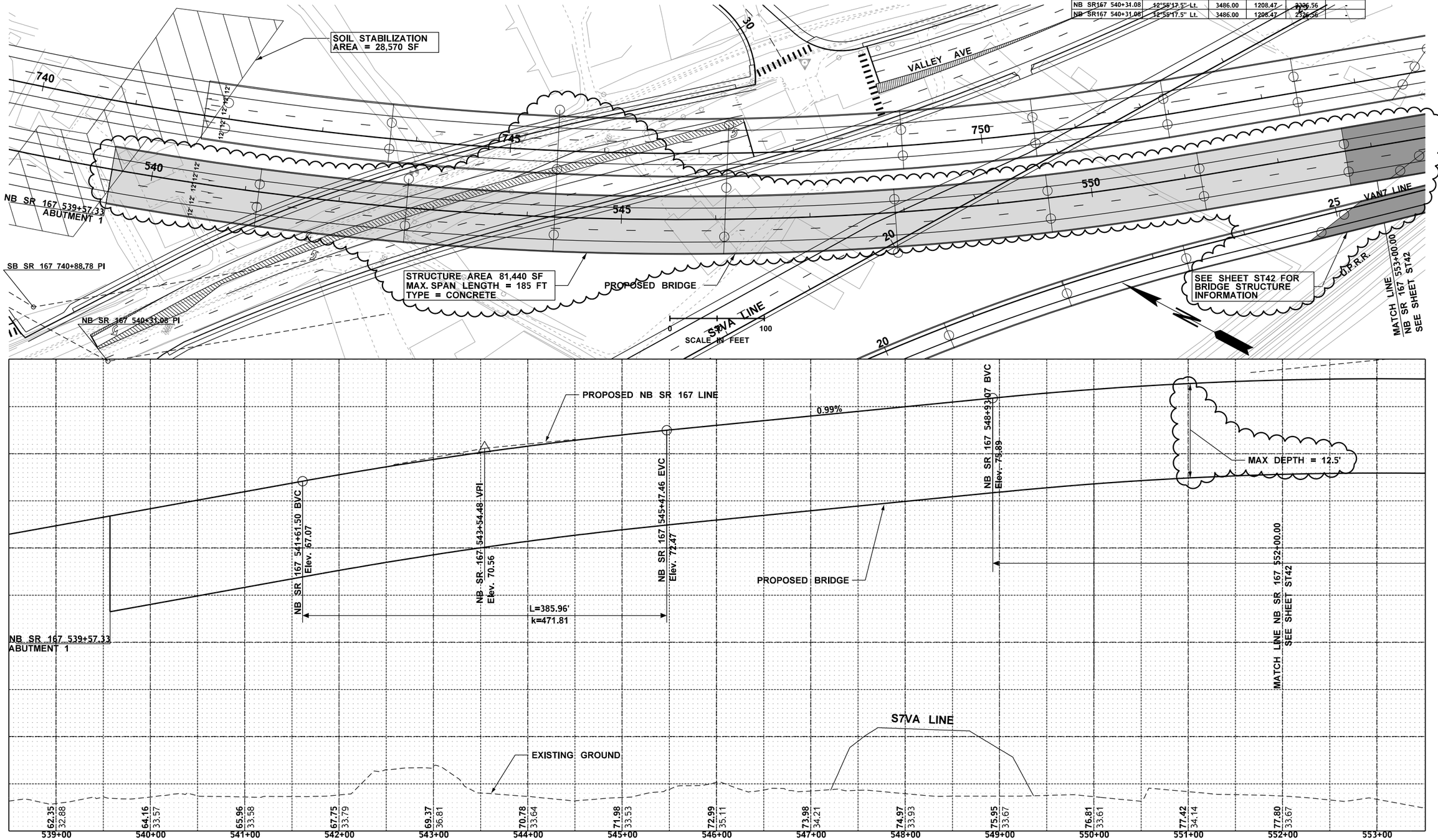
P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

BRIDGE NO. S167/26

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| SB SR167 736+68.20 | 27°56'40.9" Lt. | 3524.00 | 876.83 | 1718.75 | 6.0% |
| NB SR167 540+31.08 | 12°55'17.5" Lt. | 3486.00 | 1208.47 | 2326.56 | - |
| NB SR167 540+31.08 | 12°55'17.5" Lt. | 3486.00 | 1208.47 | 2326.56 | - |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_041_N167VA-A.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:16 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

DATE
P.E. STAMP BOX

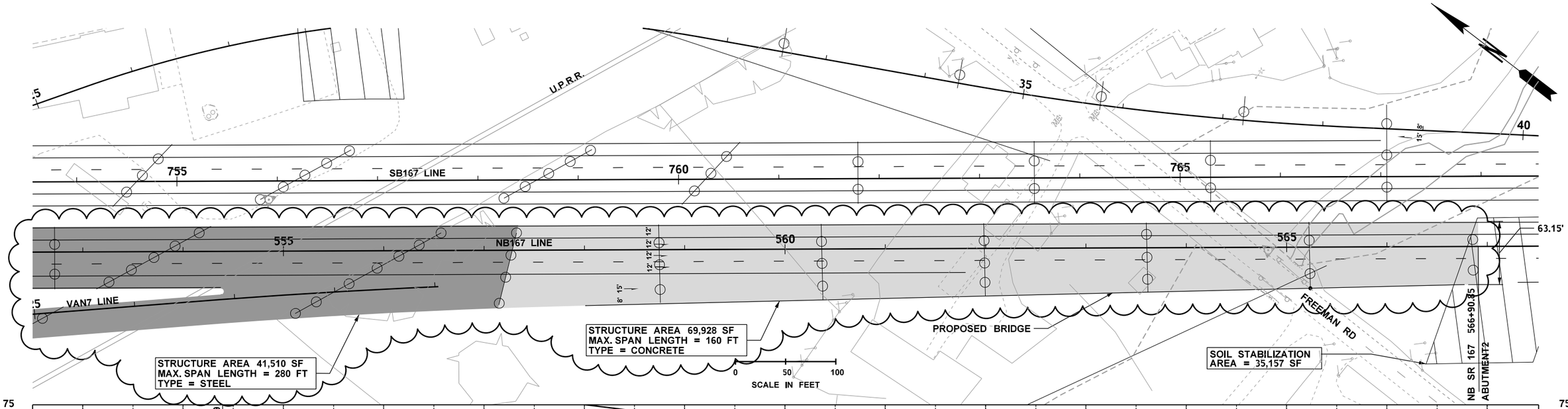
DATE
P.E. STAMP BOX

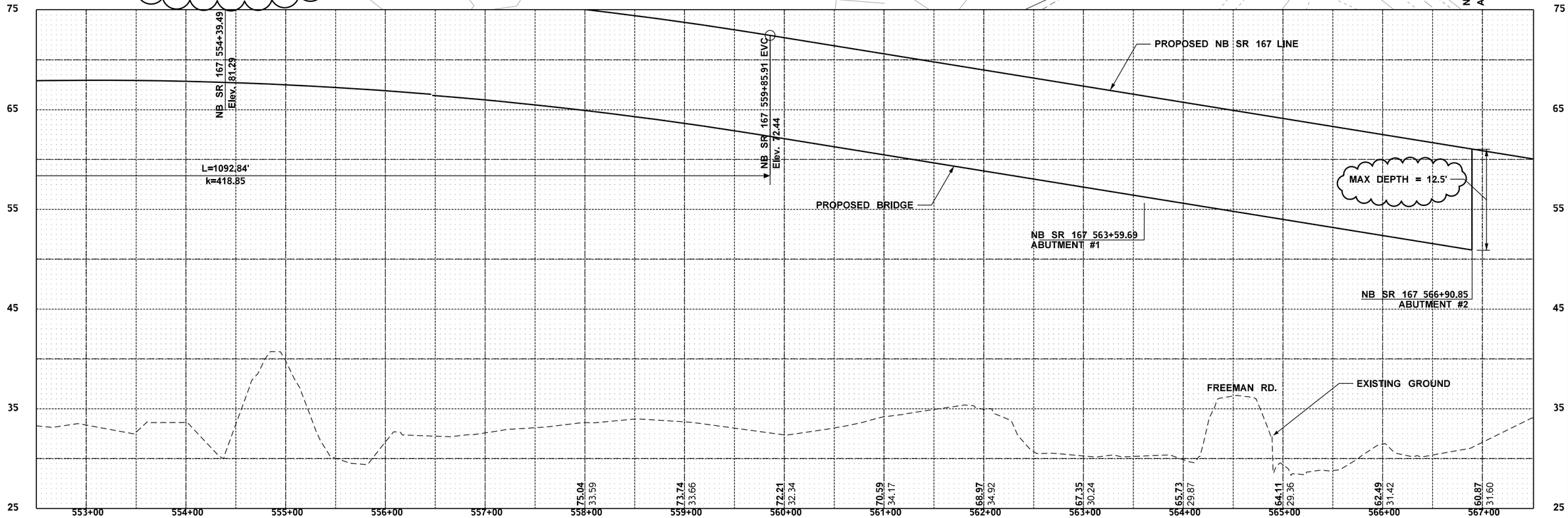
Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/VA (A)

ST41

SHEET OF SHEETS




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_042_N167VA-B.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:23 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

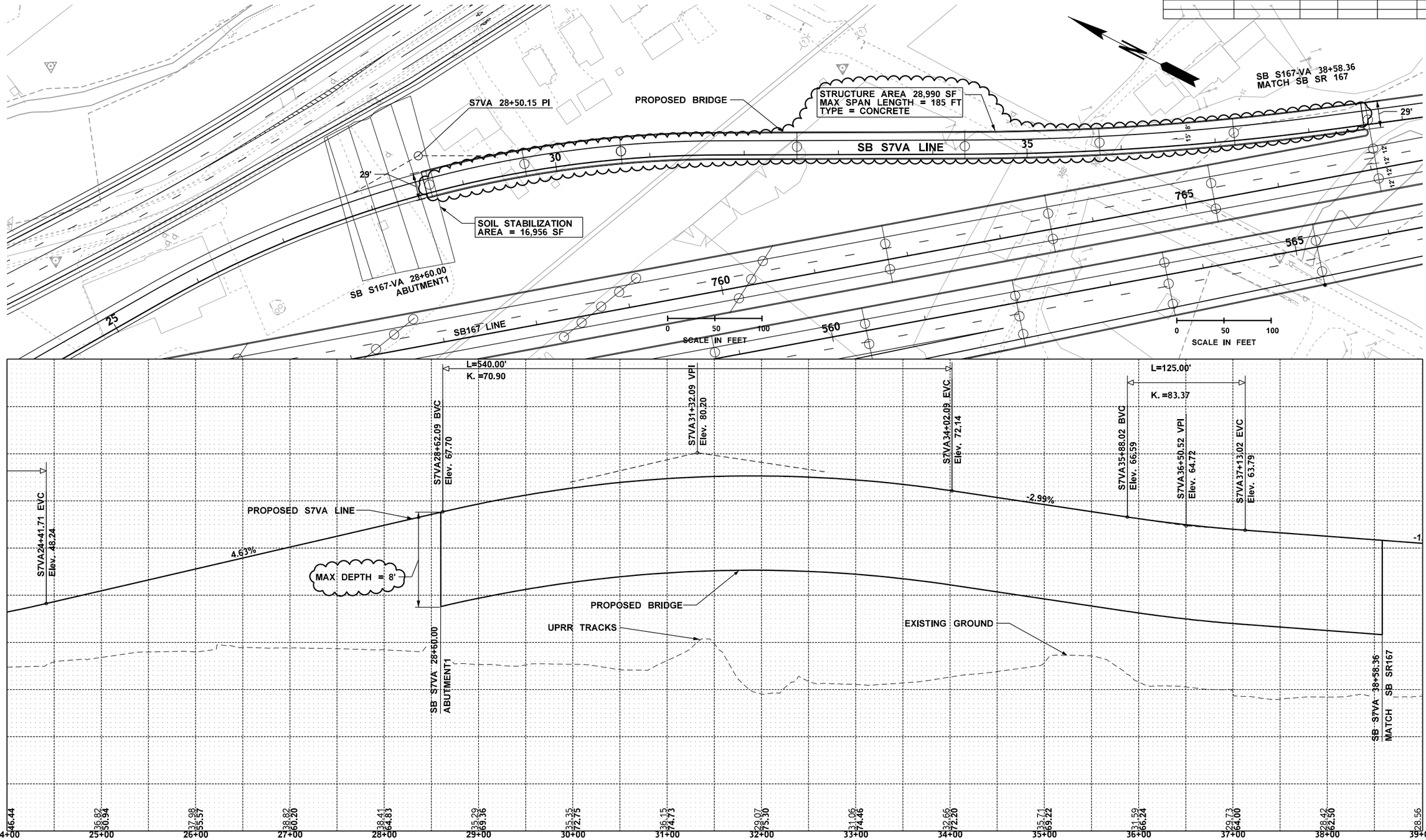
Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/VA (B)

ST42

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S167-VA 28+62.46 PI | 29°33'13.0"Rt. | 1200.00 | 316.53 | 618.97 | 6% |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_045_S7VA-1.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:31 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

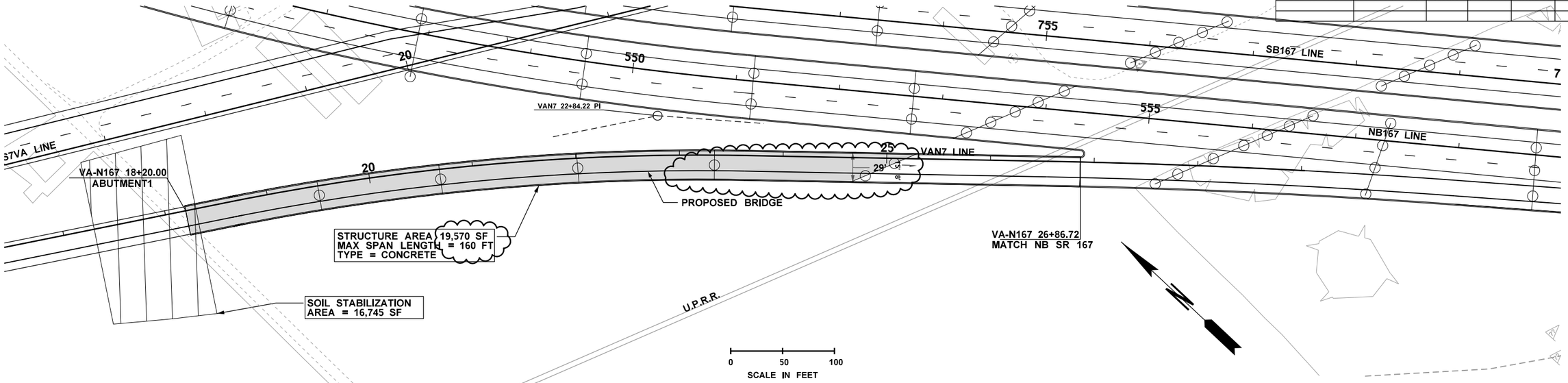
Washington State
Department of Transportation

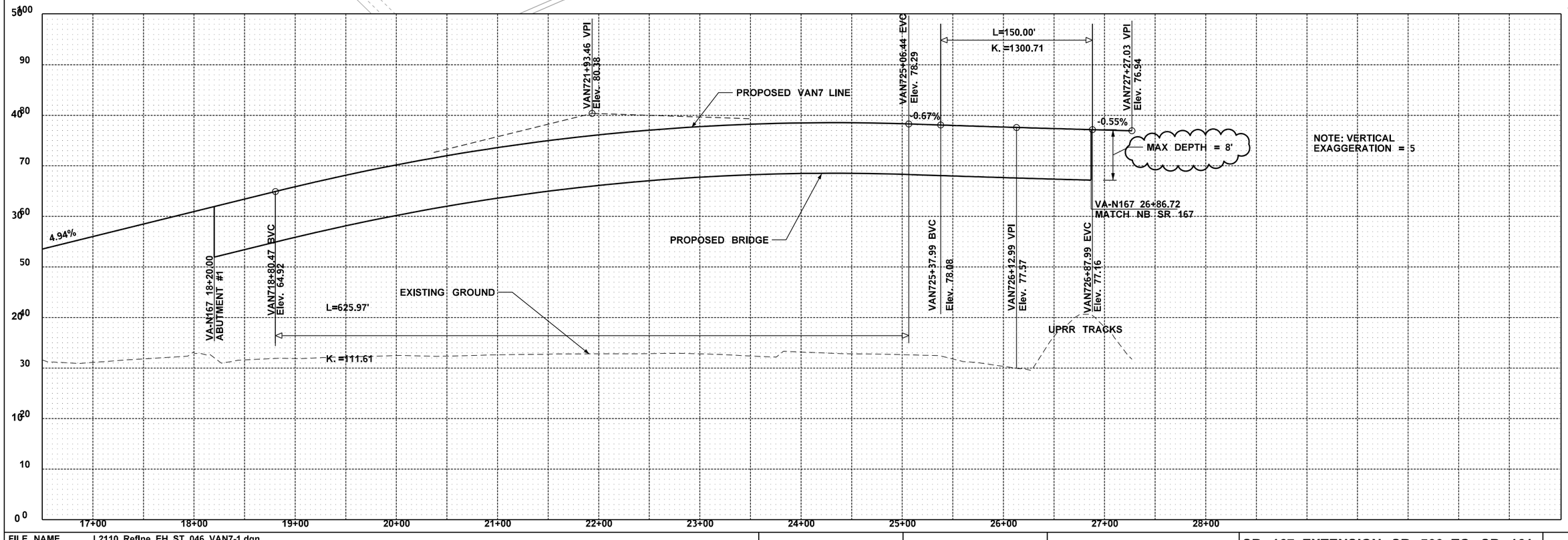
# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. S167-VA

ST45

SHEET
OF
SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| VAN7 22+84.22 | 15°36'55.35" Rt. | 3000.00 Ft. | 411.36 Ft. | 817.62 Ft. | 5% |
| | | | | | |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_046_VAN7-1.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:38 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

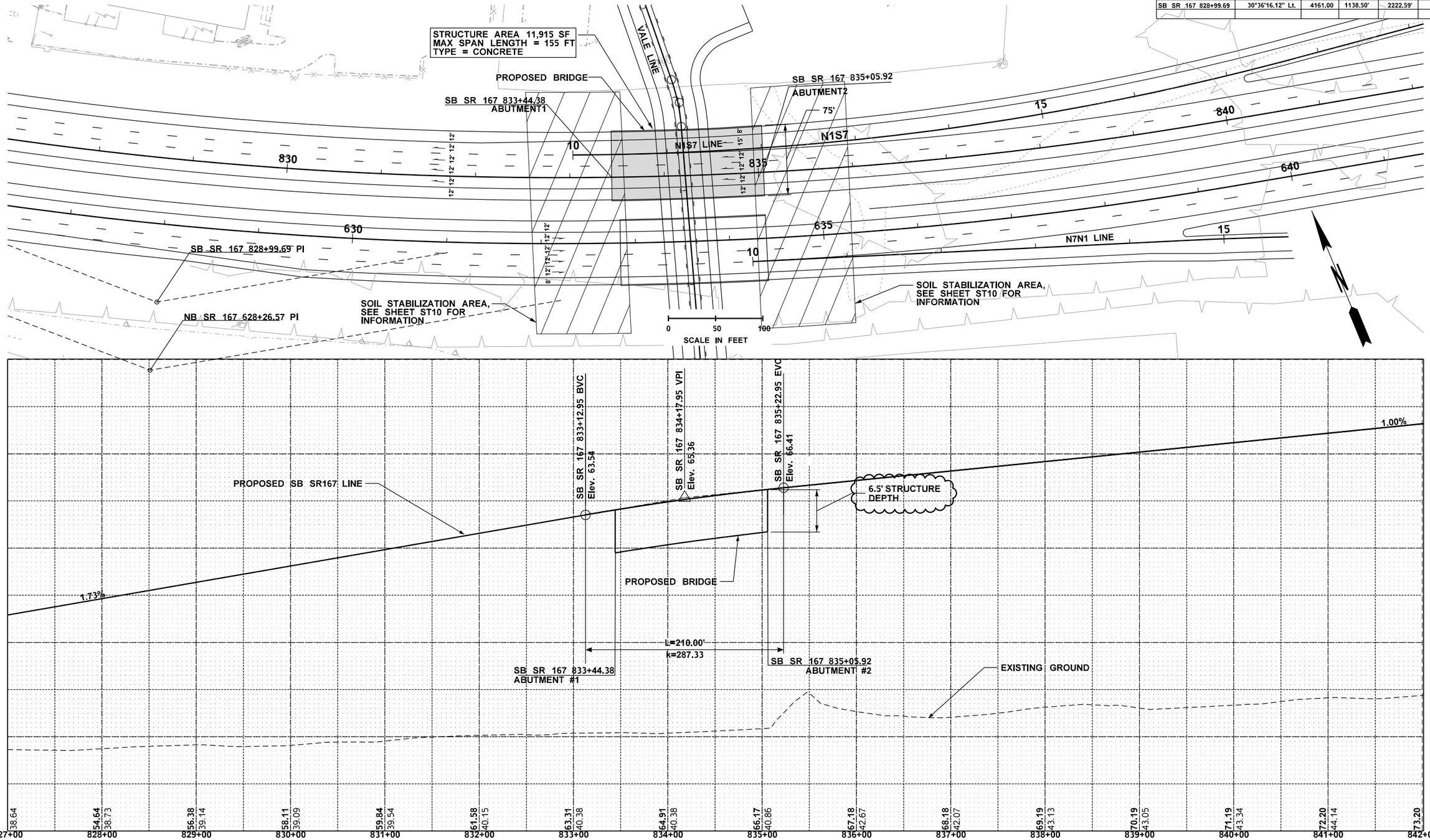
Washington State
Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. VA-N167

ST46

SHEET
OF
SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| NB SR 167 628+26.57 | 30°36'16.12" Lt. | 4231.00' | 1157.65" | 2259.98' | - |
| SB SR 167 828+99.69 | 30°36'16.12" Lt. | 4161.00 | 1138.50' | 2222.59' | |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_047_S167_VALE.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:45 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

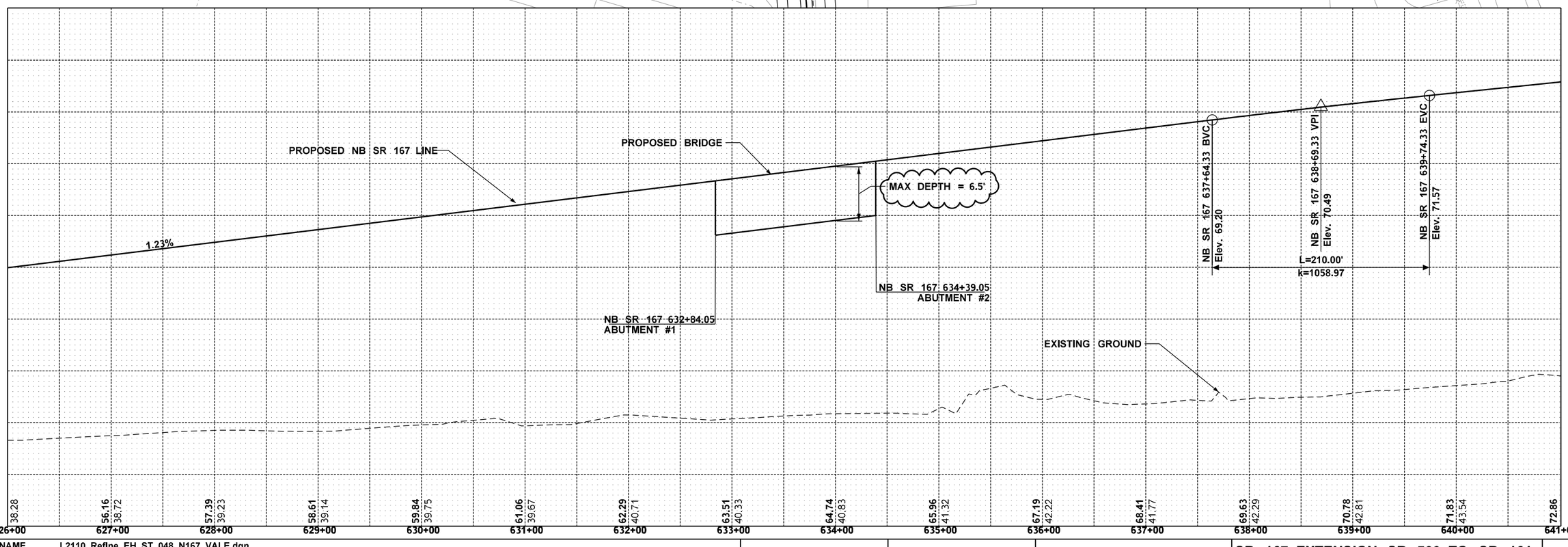
Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. S167/VALE

ST47

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| NB SR 167 628+26.57 | 30°36'16.12" Lt. | 4231.00' | 1157.65' | 2259.98' | - |
| SB SR 167 828+99.69 | 30°36'16.12" Lt. | 4161.00 | 1138.50' | 2222.59' | |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_048_N167_VALE.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:53:53 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | LOCATION NO. | |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

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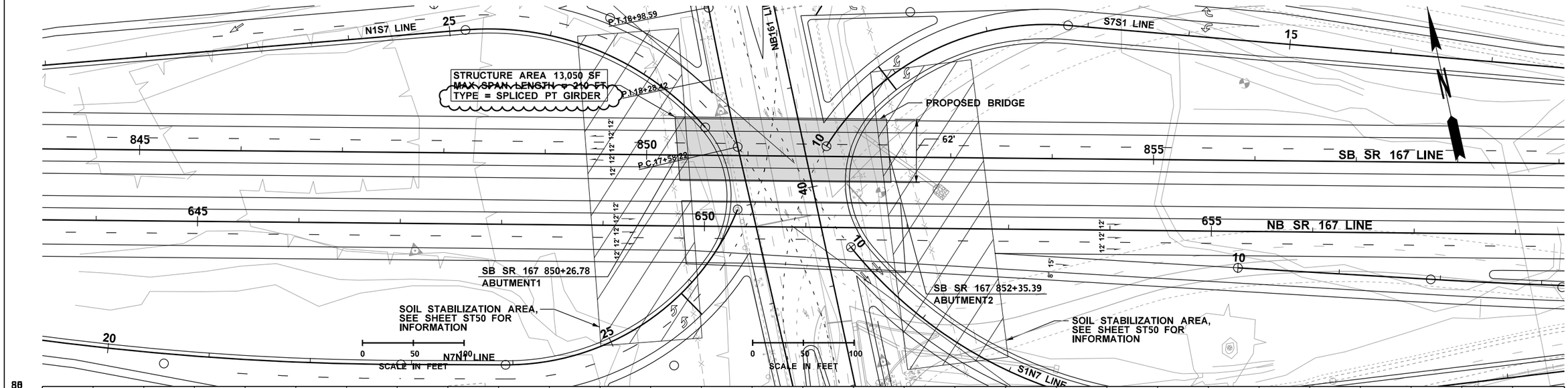
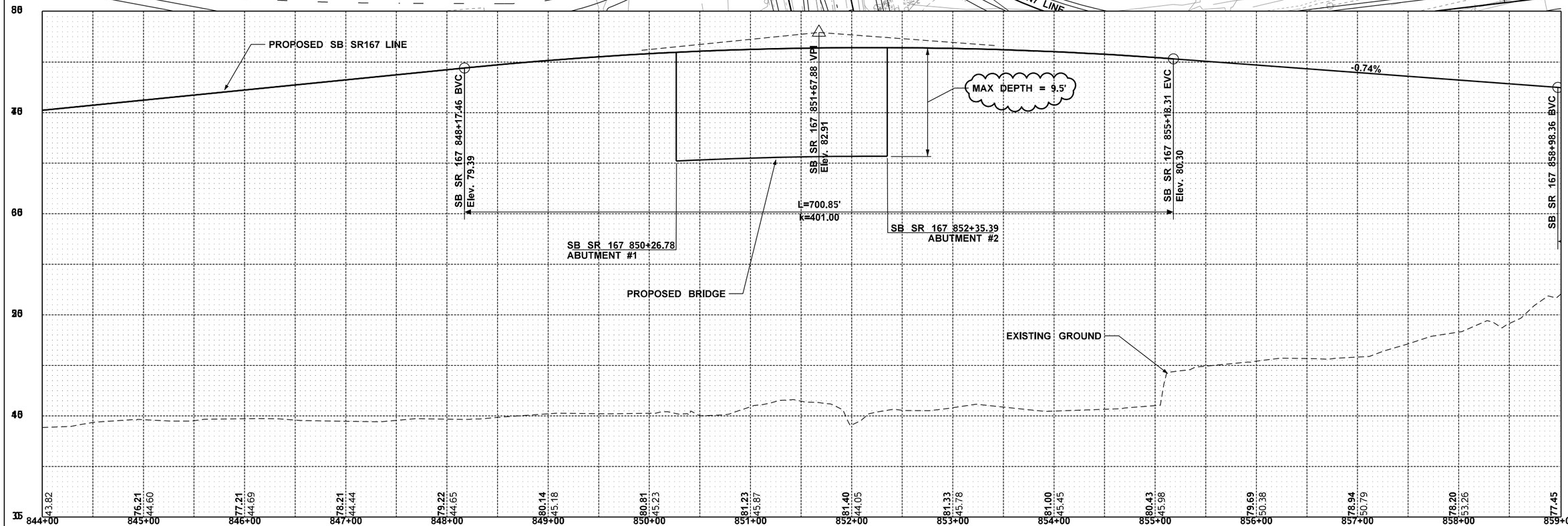
Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/VALE

ST48

SHEET OF SHEETS




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_049_S167-8.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | |
| TIME | 12:54:01 PM | | | | 3 | WASH | | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. | |
| ENTERED BY | | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | | |

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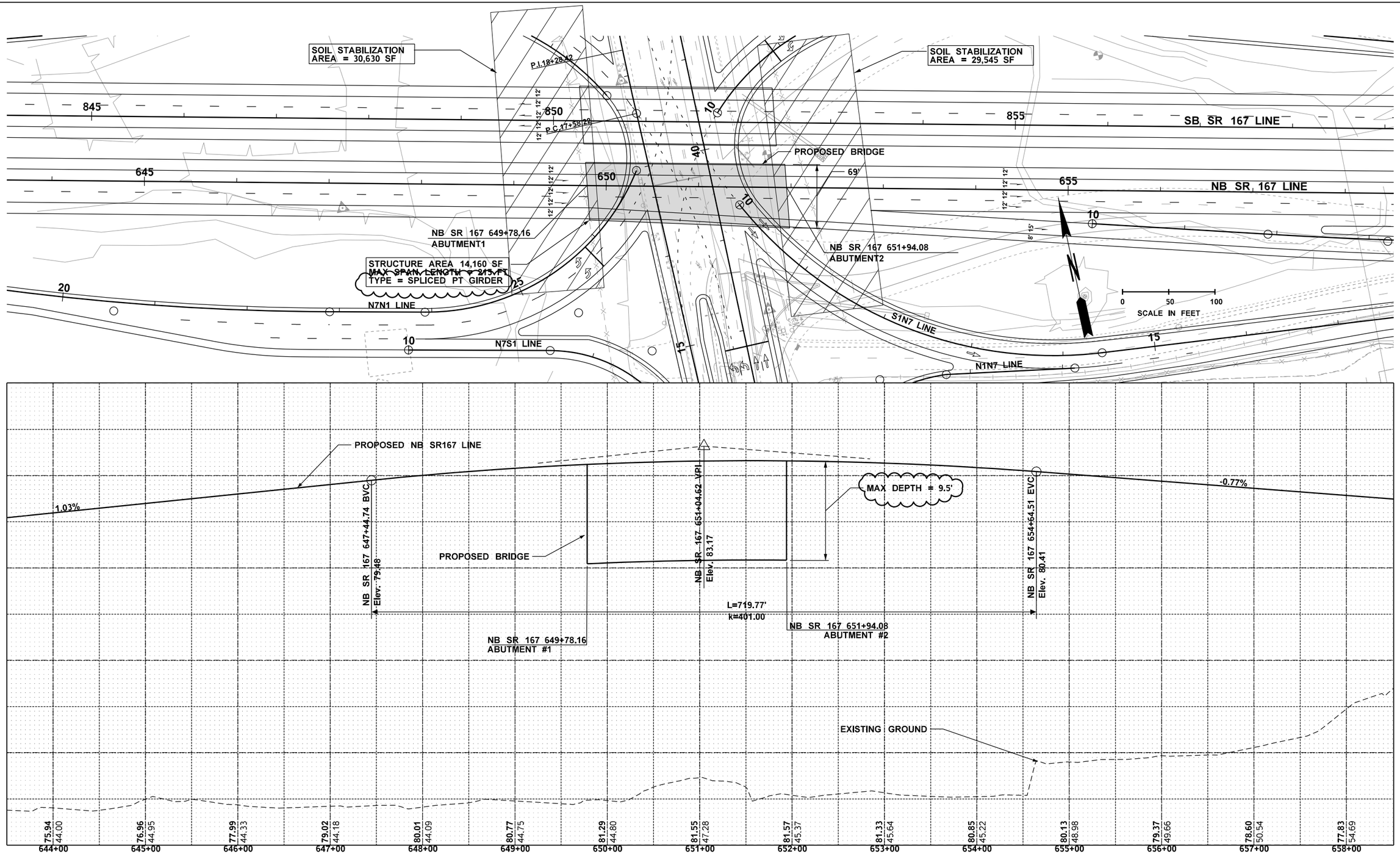
Washington State
Department of Transportation

SR 167 EXTENSION SR 509 TO SR 161
NEW FREEWAY
SCHEMATIC BRIDGE STUDY
BRIDGE PLAN & PROFILE

BRIDGE NO. S167/161

ST49

SHEET
OF
SHEETS




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_050_N167-8.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | |
| TIME | 12:54:09 PM | | | | 3 | WASH | | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. | |
| ENTERED BY | | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | | |

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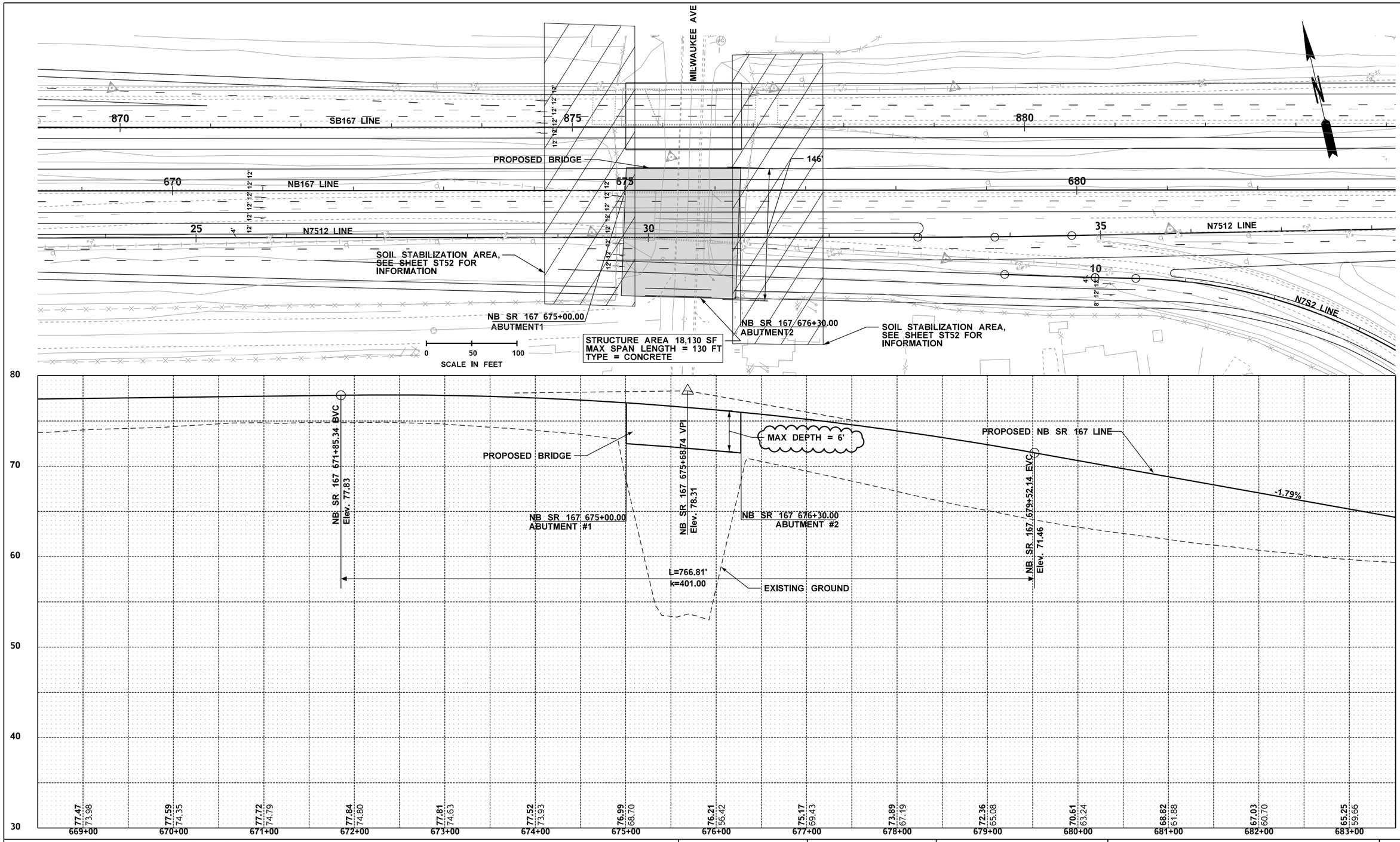
P.E. STAMP BOX — DATE

Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/161

ST50

SHEET OF SHEETS




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_051_N167_MWK.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:54:17 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

DATE
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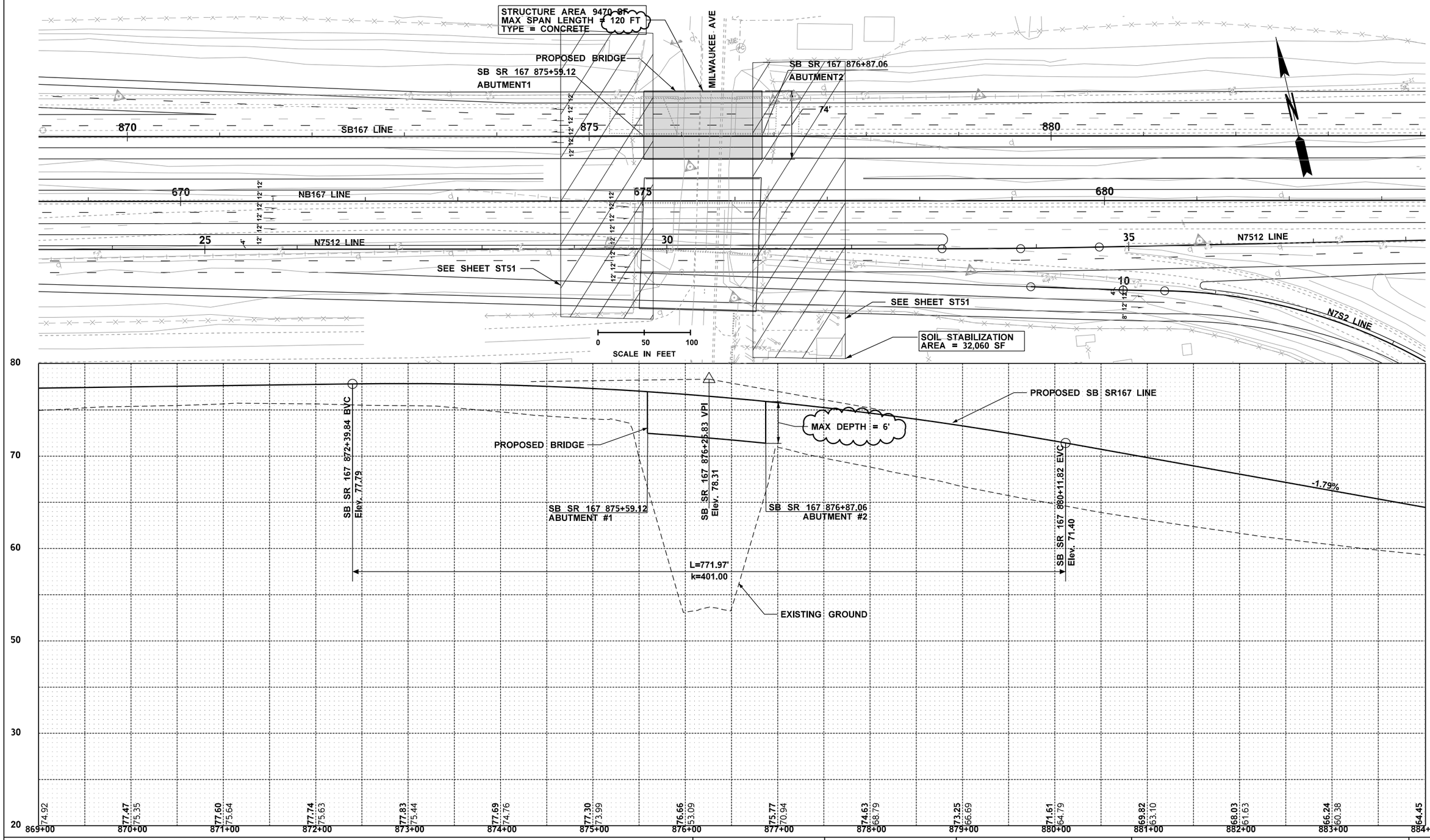
Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. N167/MWK

ST51

SHEET OF SHEETS




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_052_S167_MWK.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:54:25 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | CONTRACT NO. | | LOCATION NO. |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | | | |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

DATE
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DATE
P.E. STAMP BOX

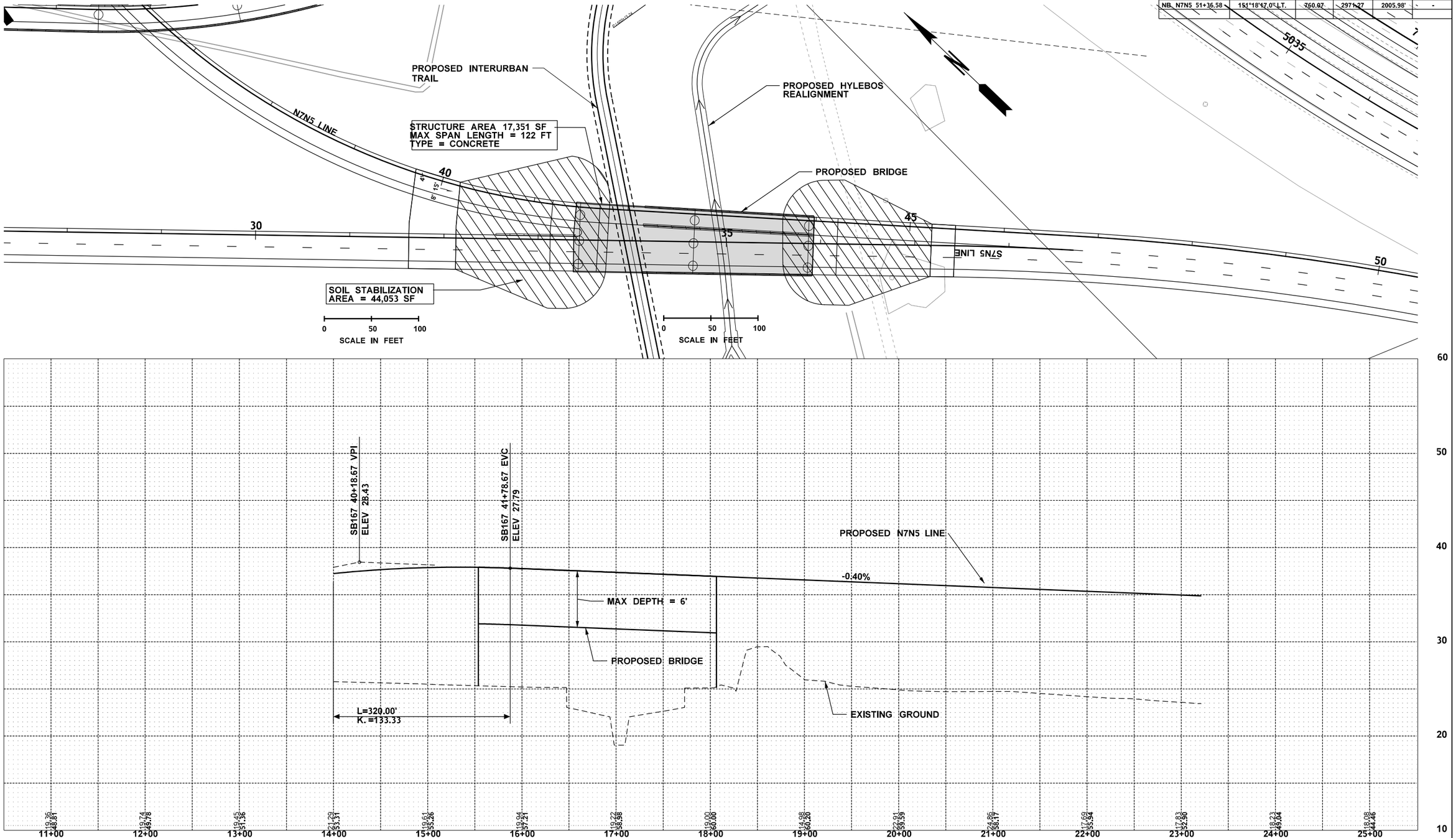
Washington State
Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. S167/MWK

ST52

SHEET
OF
SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| NB N7N5 13+30.47 | 16°07'33.5" RT. | 1800.00 | 254.99 | 506.61' | - |
| NB N7N5 51+36.58 | 151°18'47.0" LT. | 760.07 | 2971.27 | 2005.98' | - |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| FILE NAME | L2110_Refine_EH_ST_053_N167-N5.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| TIME | 12:54:35 PM | | | | 3 | WASH | |
| DATE | 6/27/2013 | | | | JOB NUMBER | | |
| PLOTTED BY | rgreenlee | | | | | | |
| DESIGNED BY | | | | | | | |
| ENTERED BY | | | | | | | |
| CHECKED BY | G. SANCHEZ | | | | CONTRACT NO. | | LOCATION NO. |
| PROJ. ENGR. | S. FUCHS | | | | | | |
| REGIONAL ADM. | K. DAYTON | REVISION | DATE | BY | | | |

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State Department of Transportation

# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. S167-N5\HYL

ST53

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |
| | | | | | |
| | | | | | |

SOIL STABILIZATION
AREA = 27,515 SF

STRUCTURE AREA 116,192 SF
MAX SPAN LENGTH = 170 FT
TYPE = CONCRETE

SEE SHEET ST04 FOR
BRIDGE STRUCTURE
INFORMATION

650
450
655
455
660
460
140

0 50 100
SCALE IN FEET

PROPOSED BRIDGE

MAX DEPTH 8'-0"

EXISTING GROUND

80 60 40 20 0 -20

647+00 648+00 649+00 650+00 651+00 652+00 653+00 654+00 655+00 656+00 657+00 658+00 659+00 660+00 661+00

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| FILE NAME | 50548__EH_ST_054_N7.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | | |
| TIME | 10:59:03 AM | | | | 3 | WASH | | | |
| DATE | 6/28/2013 | | | | JOB NUMBER | | | | |
| PLOTTED BY | rgreenlee | | | | | | | | |
| DESIGNED BY | K. LINTS | | | | CONTRACT NO. | | LOCATION NO. | | |
| ENTERED BY | M. MORFORT | | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | | |
| PROJ. ENGR. | | | | | | | | | |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | | |

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

Washington State
Department of Transportation

SR 167 EXTENSION SR 509 TO SR 161
NEW FREEWAY
SCHEMATIC BRIDGE STUDY
BRIDGE PLAN & PROFILE

BRIDGE NO. S167/5

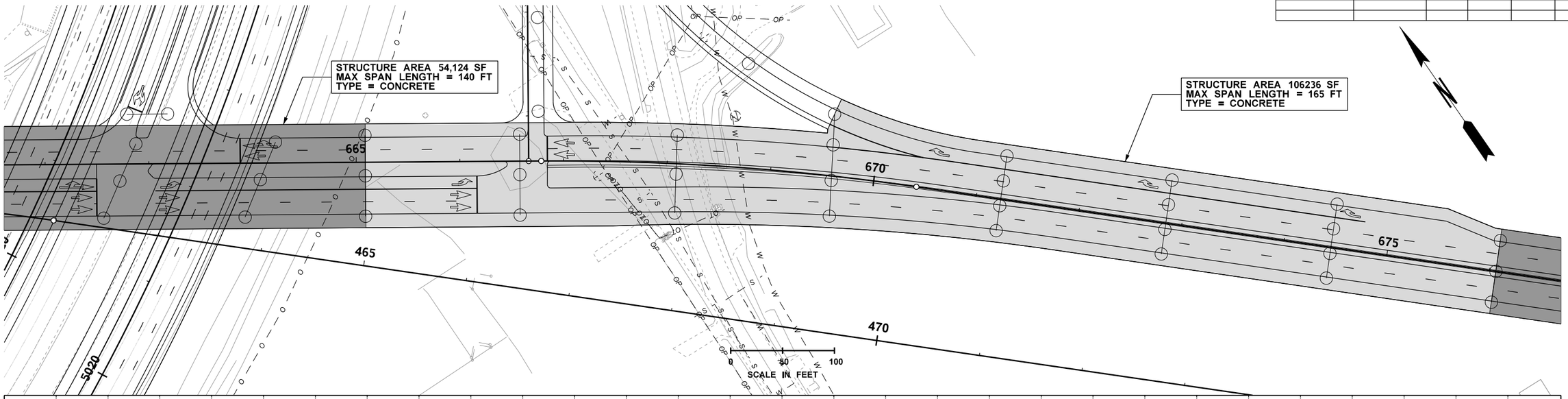
ST54

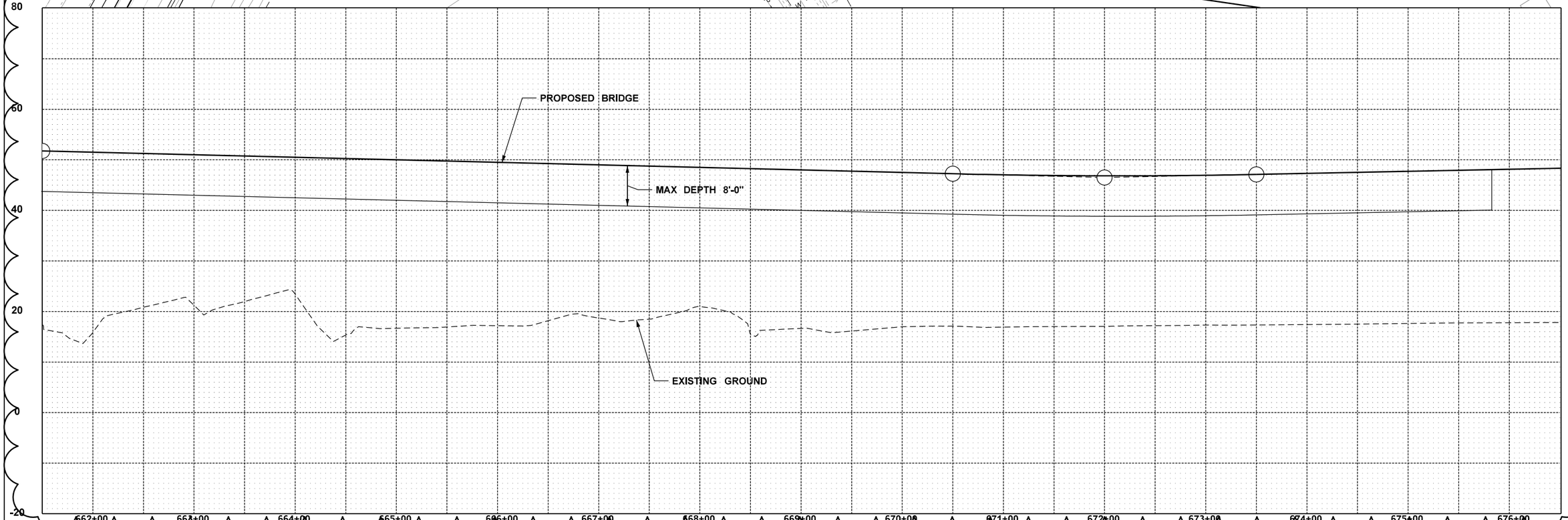
SHEET
OF
SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |
| | | | | | |
| | | | | | |

STRUCTURE AREA 54,124 SF
MAX SPAN LENGTH = 140 FT
TYPE = CONCRETE

STRUCTURE AREA 106236 SF
MAX SPAN LENGTH = 165 FT
TYPE = CONCRETE

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| FILE NAME | 50548__EH_ST_055_N7.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | | SR 167 EXTENSION SR 509 TO SR 161 NEW FREEWAY SCHEMATIC BRIDGE STUDY BRIDGE PLAN & PROFILE |
| TIME | 10:59:09 AM | | | | 3 | WASH | | | |
| DATE | 6/28/2013 | | | | JOB NUMBER | | | Washington State Department of Transportation | |
| PLOTTED BY | rgreenlee | | | | | | | | |
| DESIGNED BY | K. LINTS | | | | CONTRACT NO. | | LOCATION NO. | | BRIDGE NO. S167/5 |
| ENTERED BY | M. MORFORT | | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | | ST55 |
| PROJ. ENGR. | | | | | | | | | SHEET OF SHEETS |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | | |

P.E. STAMP BOX DATE

P.E. STAMP BOX DATE

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |
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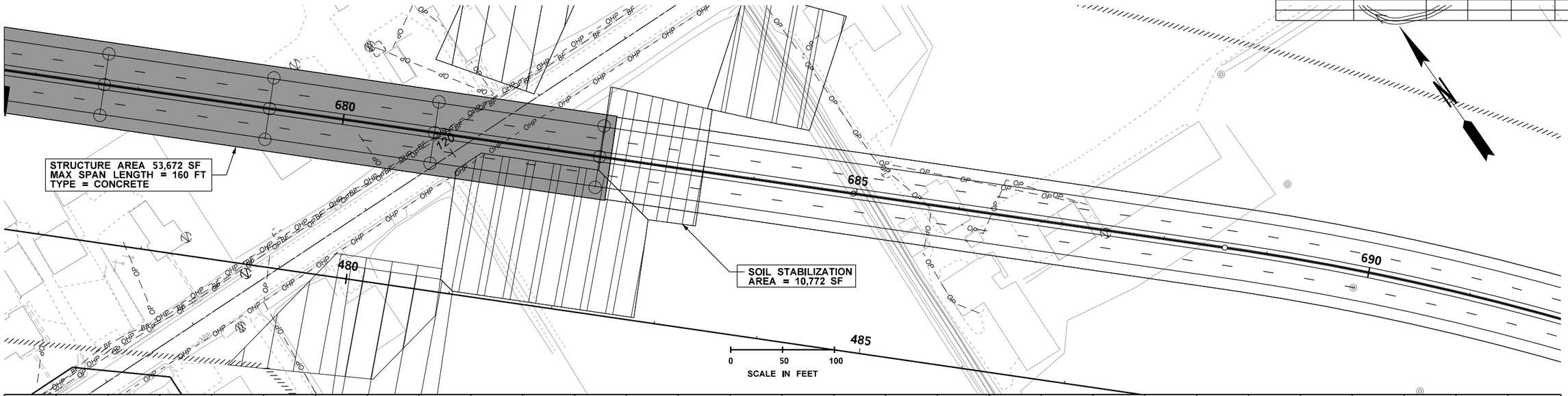


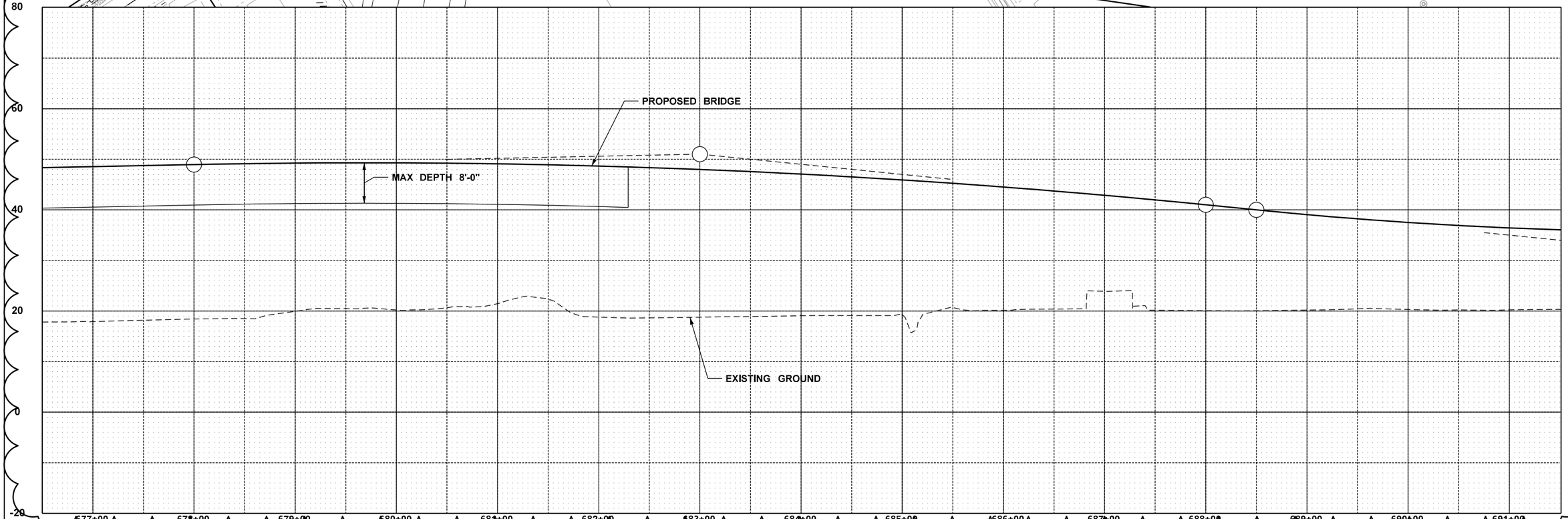


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| FILE NAME | 50548__EH_ST_056_N7.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | |
| TIME | 10:59:17 AM | | | | 3 | WASH | | |
| DATE | 6/28/2013 | | | | JOB NUMBER | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | K. LINTS | | | | CONTRACT NO. | | LOCATION NO. | |
| ENTERED BY | M. MORFORT | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | |
| PROJ. ENGR. | | | | | | | | |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | |

DATE
P.E. STAMP BOX

DATE
P.E. STAMP BOX

Washington State
Department of Transportation

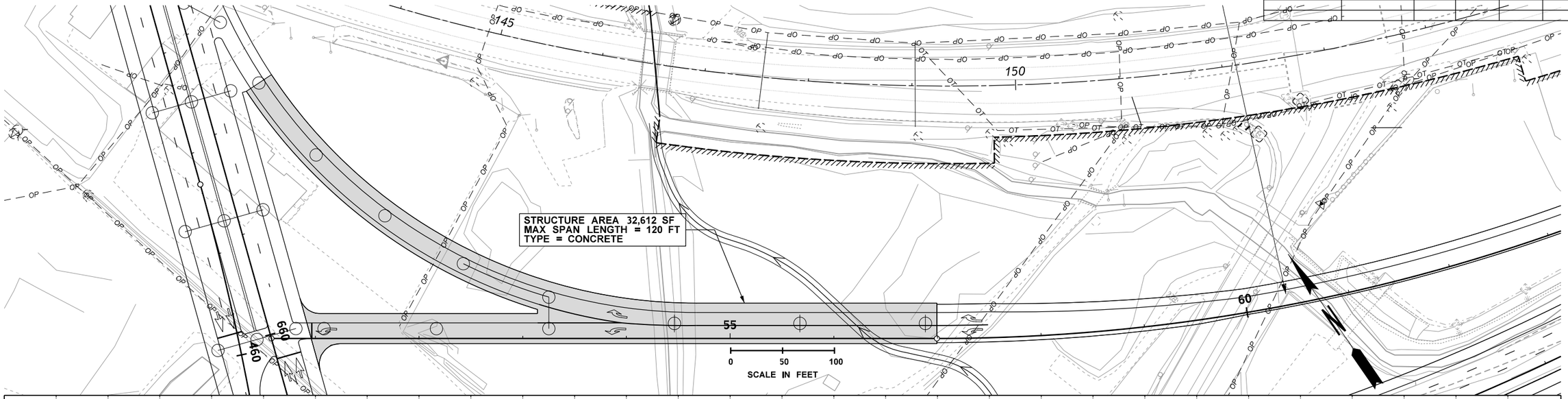
SR 167 EXTENSION SR 509 TO SR 161
NEW FREEWAY
SCHEMATIC BRIDGE STUDY
BRIDGE PLAN & PROFILE

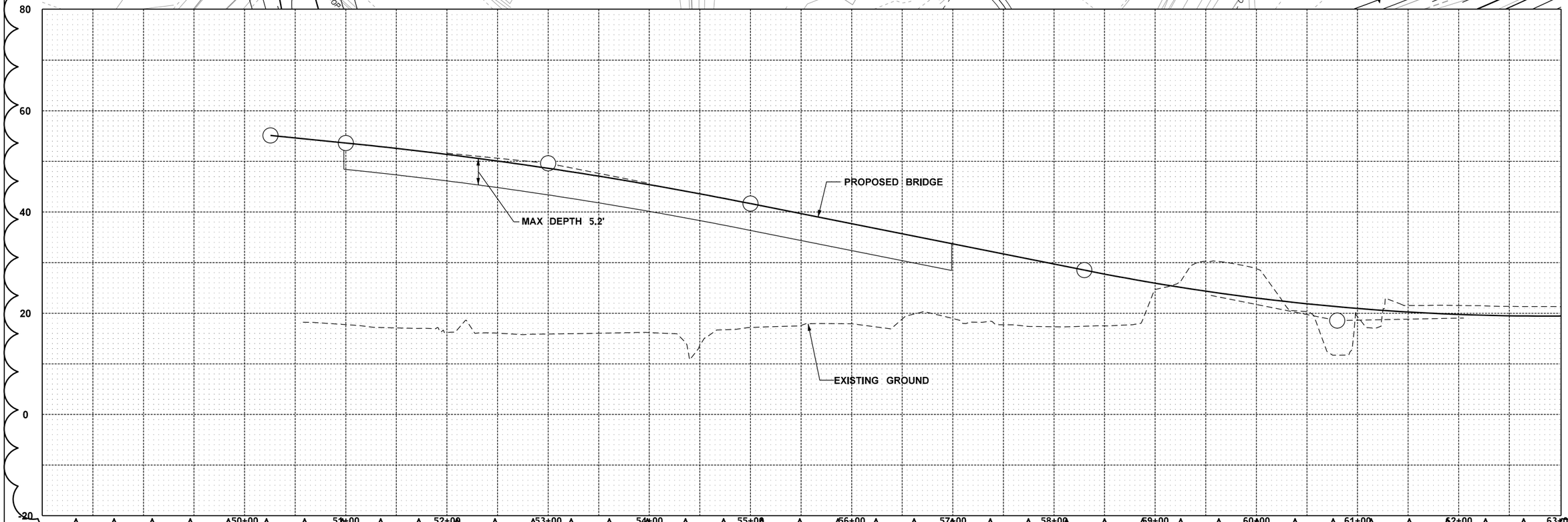
BRIDGE NO. S167/5

ST56

SHEET
OF
SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |

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| FILE NAME | 50548__EH_ST_057_S5_167.dgn | | | | REGION NO. | STATE | FED.AID PROJ.NO. | |
| TIME | 10:59:23 AM | | | | 3 | WASH | | |
| DATE | 6/28/2013 | | | | JOB NUMBER | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | K. LINTS | | | | CONTRACT NO. | | LOCATION NO. | |
| ENTERED BY | M. MORFORT | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | |
| PROJ. ENGR. | | | | | | | | |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | |

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

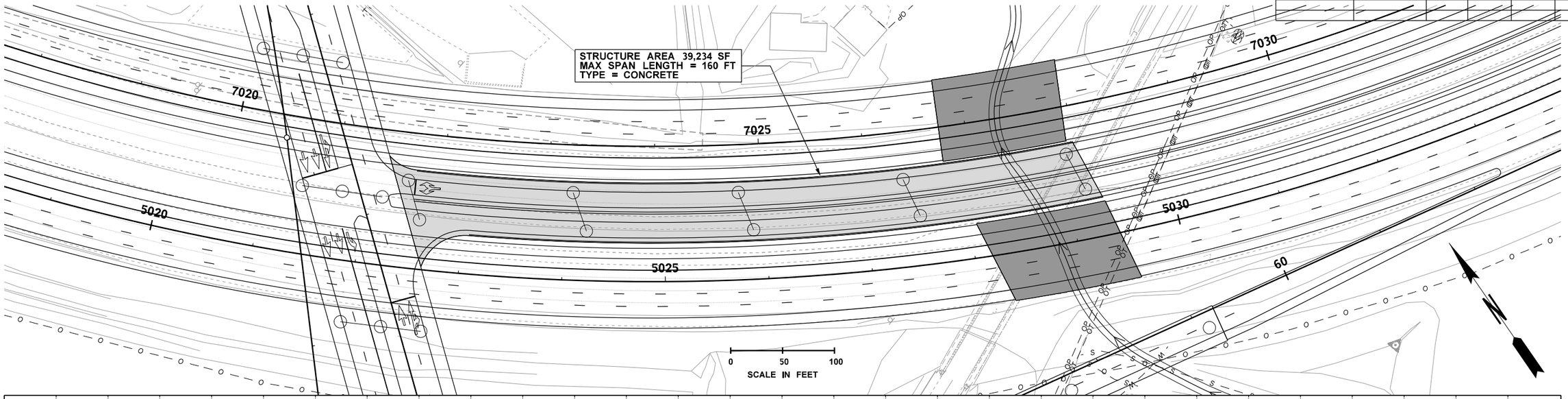
# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. SB-167

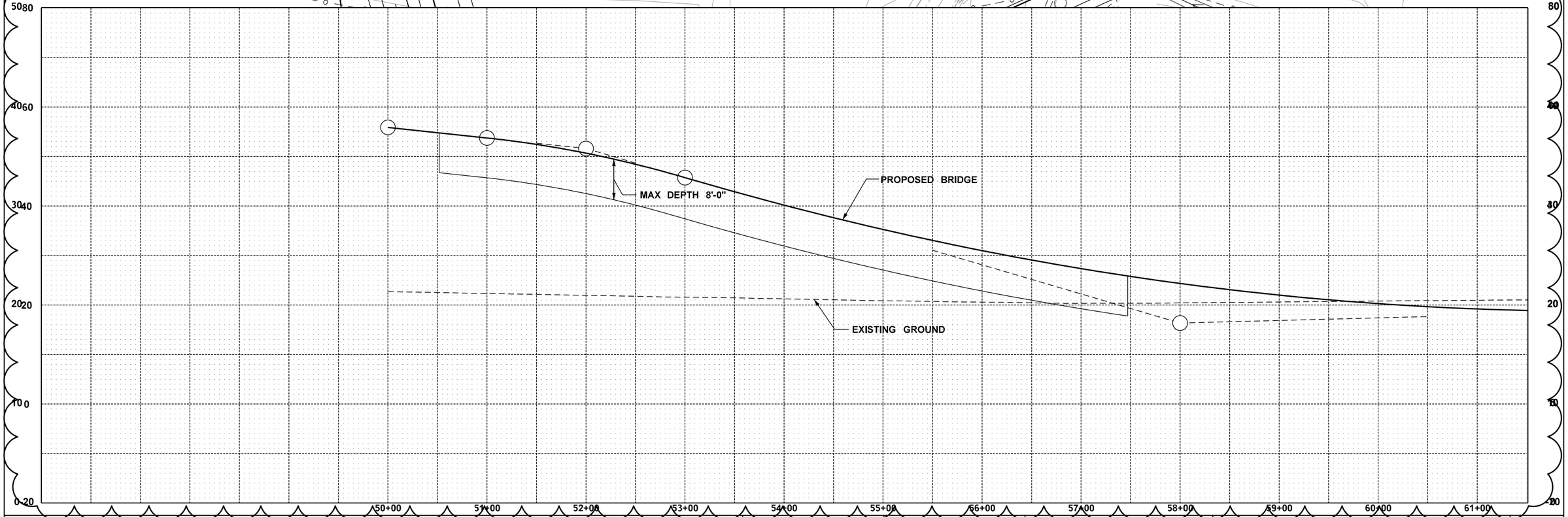
ST57

SHEET OF SHEETS

## CURVE DATA

| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
|---|---|---|---|---|---|
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |
| | | | | | |

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| TIME | 10:59:30 AM | | | | | | | |
| DATE | 6/28/2013 | | | | | | | |
| PLOTTED BY | rgreenlee | | | | | | | |
| DESIGNED BY | K. LINTS | | | | | | | |
| ENTERED BY | M. MORFORT | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | |
| PROJ. ENGR. | | | | | | | | |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | |

| REGION NO. | STATE |
|---|---|
| 3 | WASH |

JOB NUMBER

CONTRACT NO.

FED.AID PROJ.NO.

LOCATION NO.

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

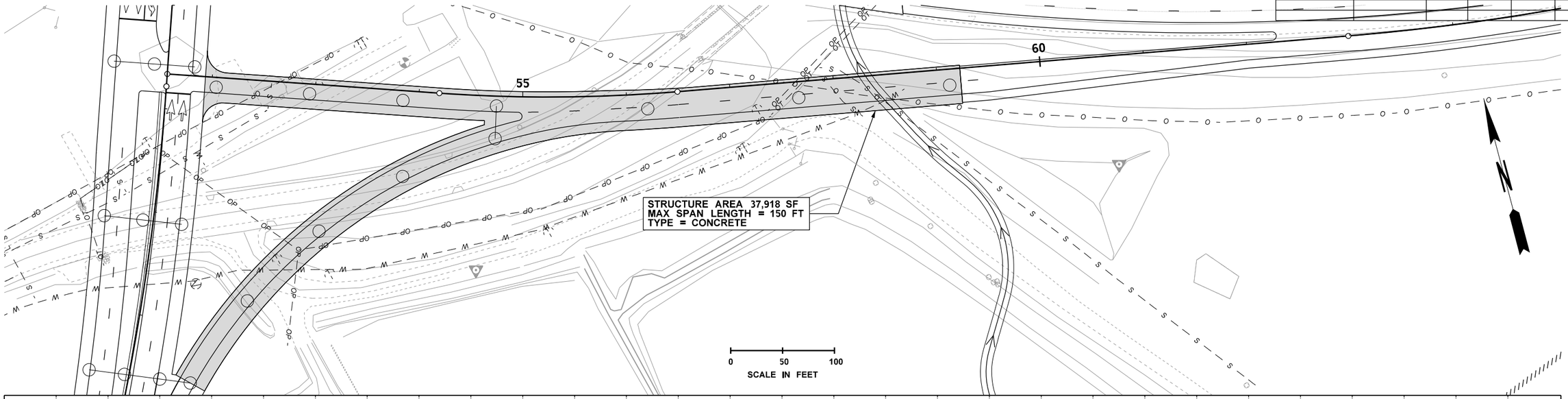
Washington State
Department of Transportation

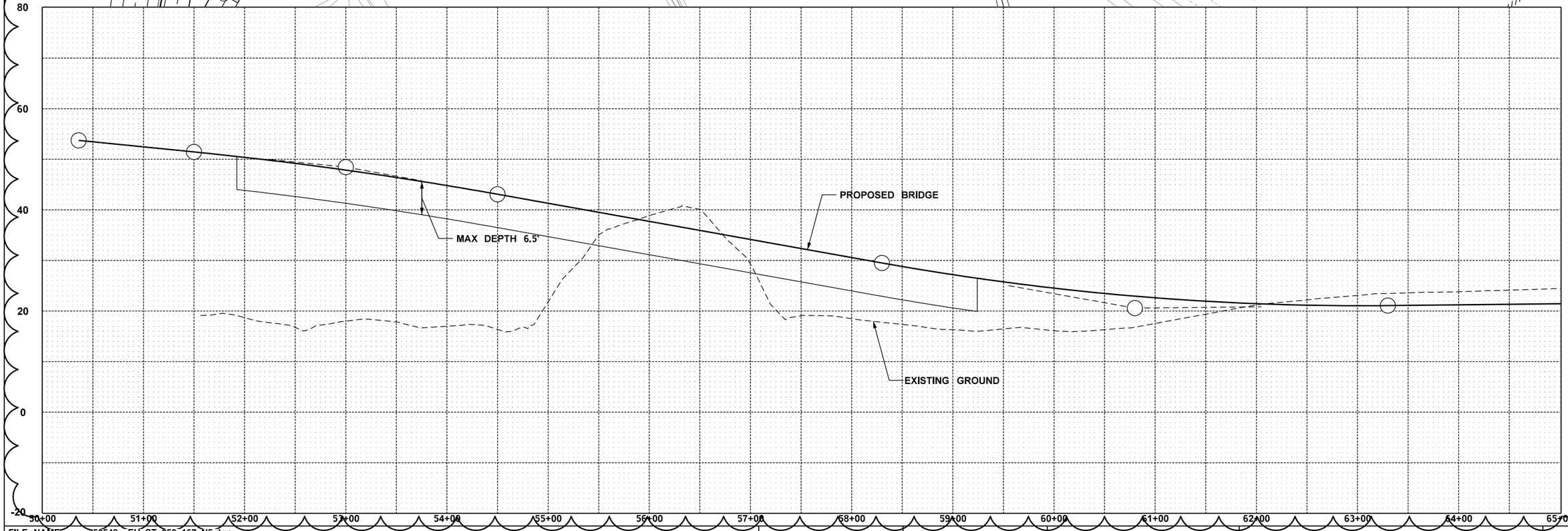
# SR 167 EXTENSION SR 509 TO SR 161
## NEW FREEWAY
## SCHEMATIC BRIDGE STUDY
## BRIDGE PLAN & PROFILE
## BRIDGE NO. 5-167 (HOV)

ST58

SHEET OF SHEETS

| CURVE DATA | | | | | |
|---|---|---|---|---|---|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S |
| S7S9 30+19.71 | 62°11'14.31" | 730.00 | 440.254 | 792.32 | - |

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| TIME | 10:59:37 AM | | | | 3 | WASH | | | |
| DATE | 6/28/2013 | | | | JOB NUMBER | | | | |
| PLOTTED BY | rgreenlee | | | | | | | | |
| DESIGNED BY | K. LINTS | | | | CONTRACT NO. | | LOCATION NO. | | |
| ENTERED BY | M. MORFORT | | | | | | | | |
| CHECKED BY | P. BRALLIER | | | | | | | | |
| PROJ. ENGR. | | | | | | | | | |
| REGIONAL ADM. | | REVISION | DATE | BY | | | | | |

P.E. STAMP BOX — DATE

P.E. STAMP BOX — DATE

Washington State Department of Transportation

BRIDGE NO. 167-N5

ST59

SHEET OF SHEETS