# Appendix A Build Alternative Plan Drawings

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**SCTA** Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

**LEGEND**

Retaining Wall

Sound Wall

Combined Sound Wall/Retaining Wall

Concrete Barrier

Existing State Right-of-Way — Exist R/W

Proposed State Right-of-Way — Prop R/W

toe of fill F | C top of cut

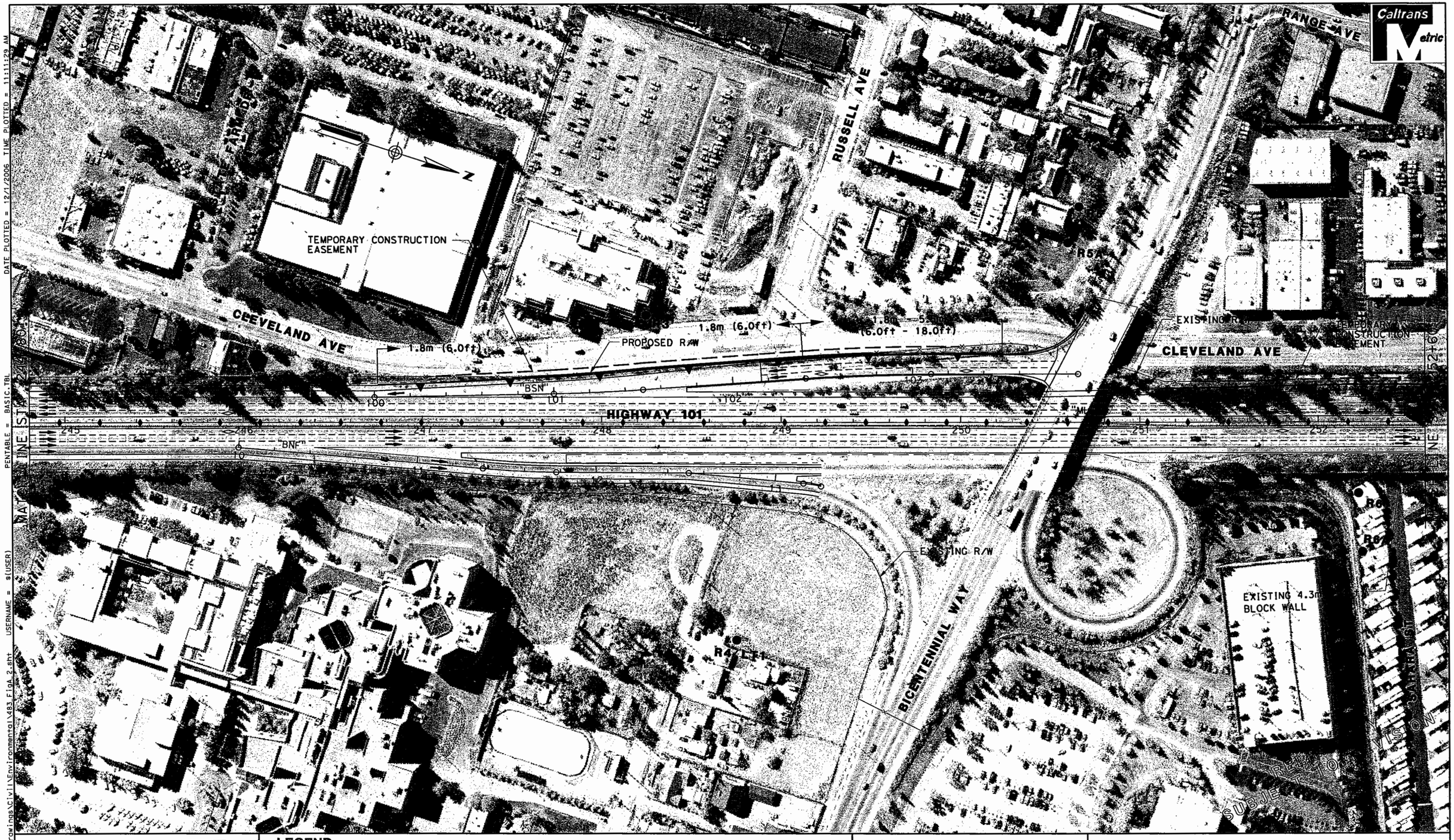
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 1 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

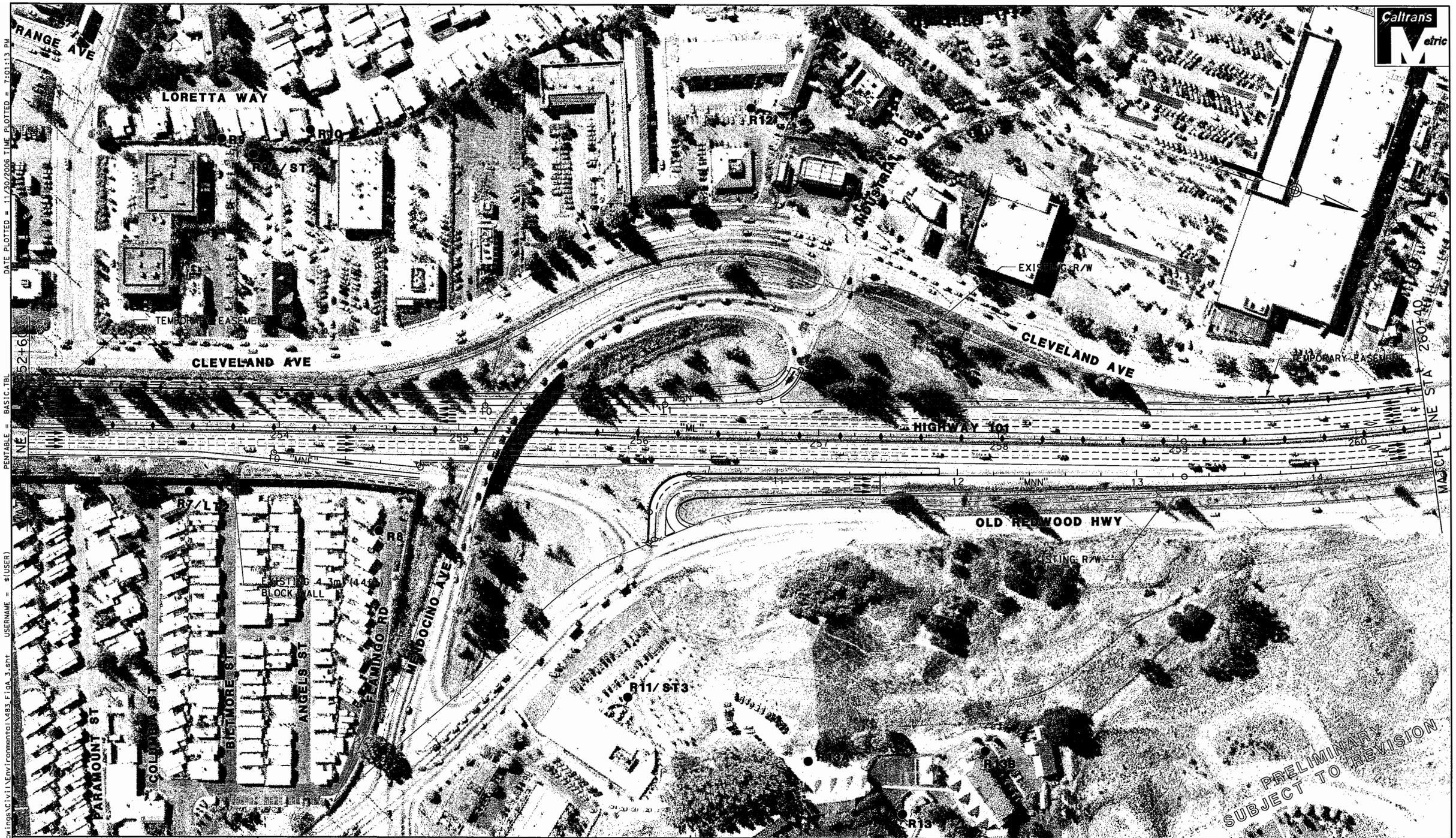
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 2 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**




SCTA
Sonoma County Transportation Authority
Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 3 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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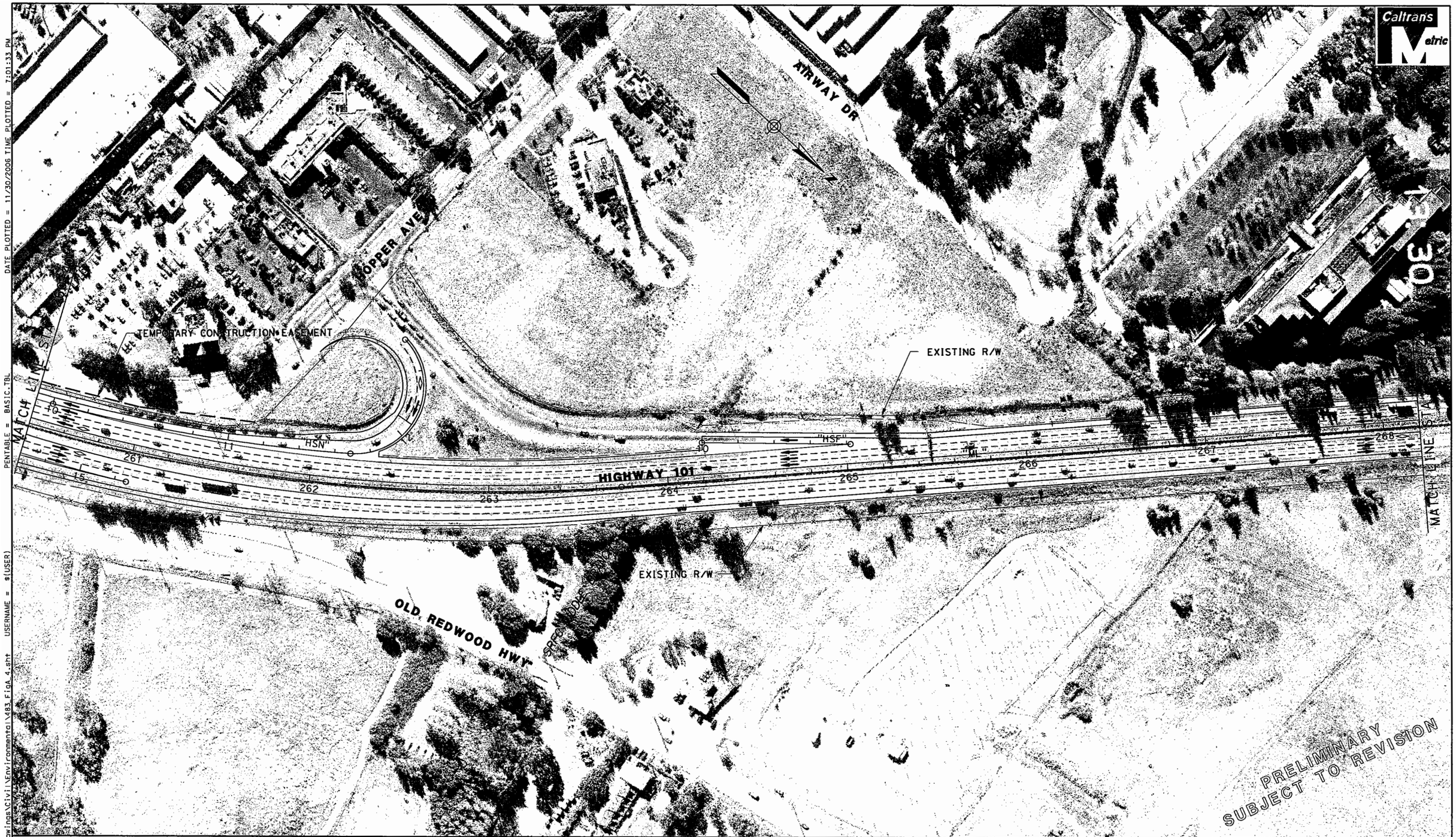


**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

## LEGEND

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 4 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier

Existing State Right-of-Way — Exist R/W

Proposed State Right-of-Way — Prop R/W

toe of fill F | C top of cut

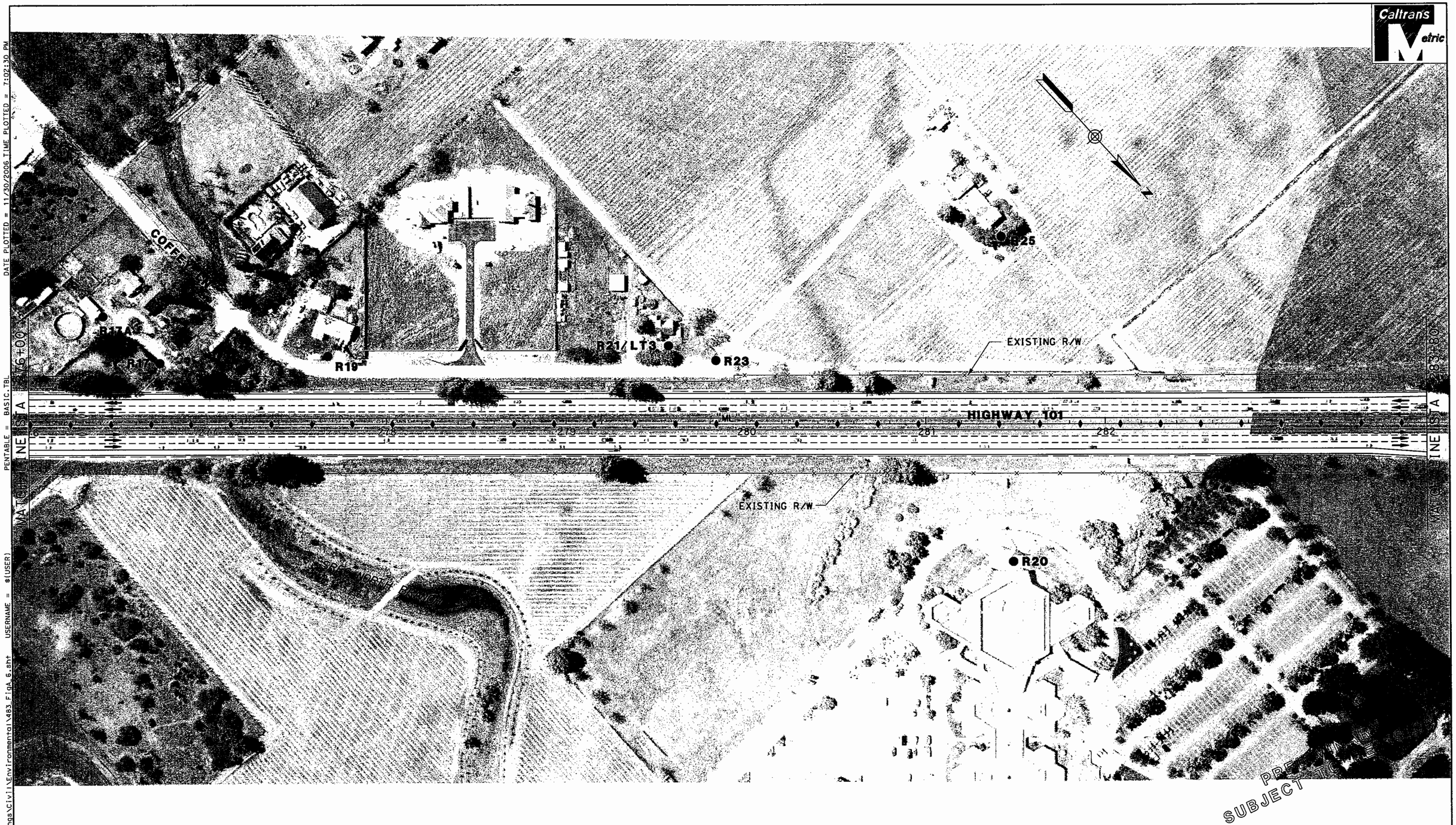
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 5 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

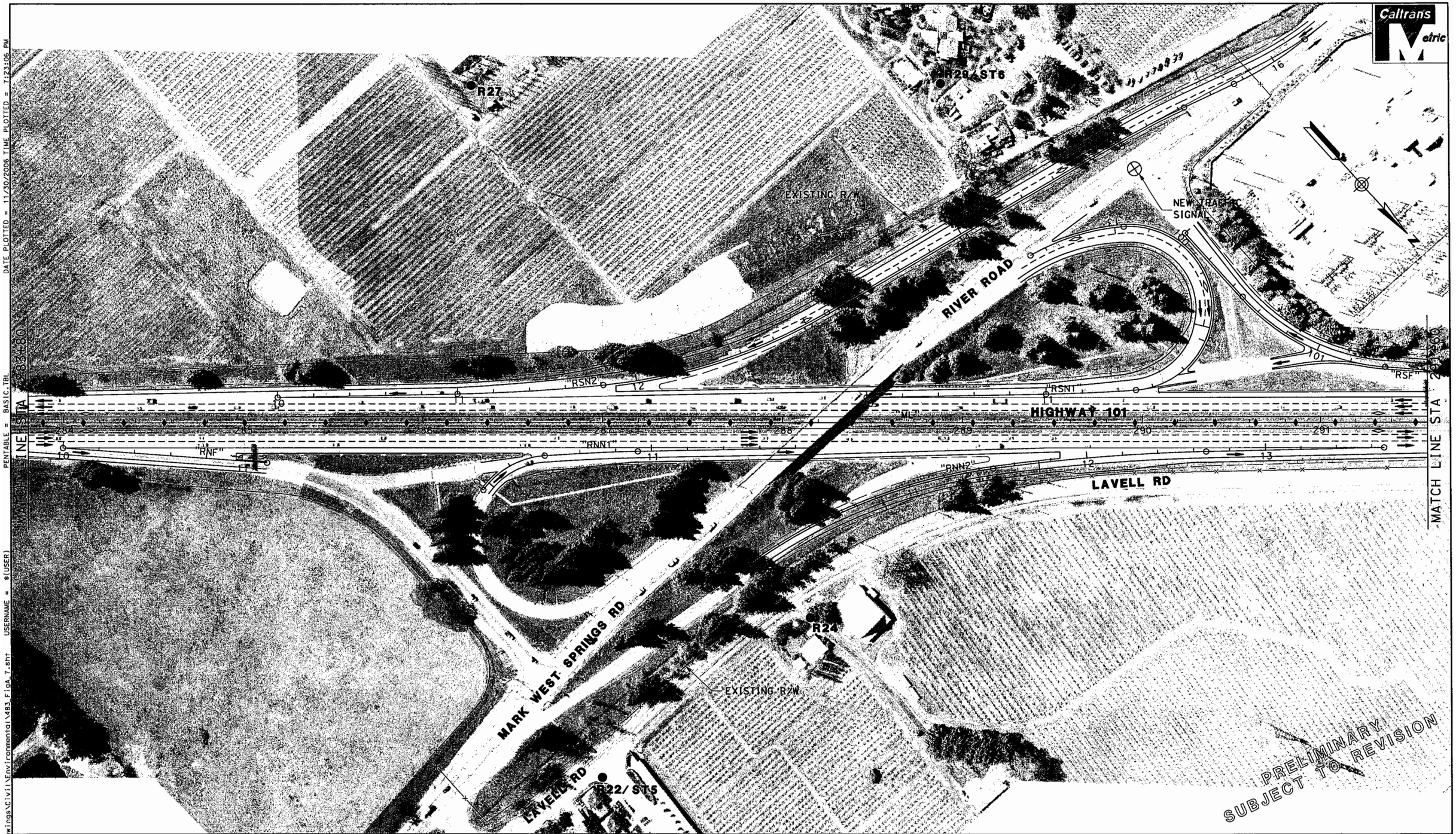
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 6 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

## LEGEND

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

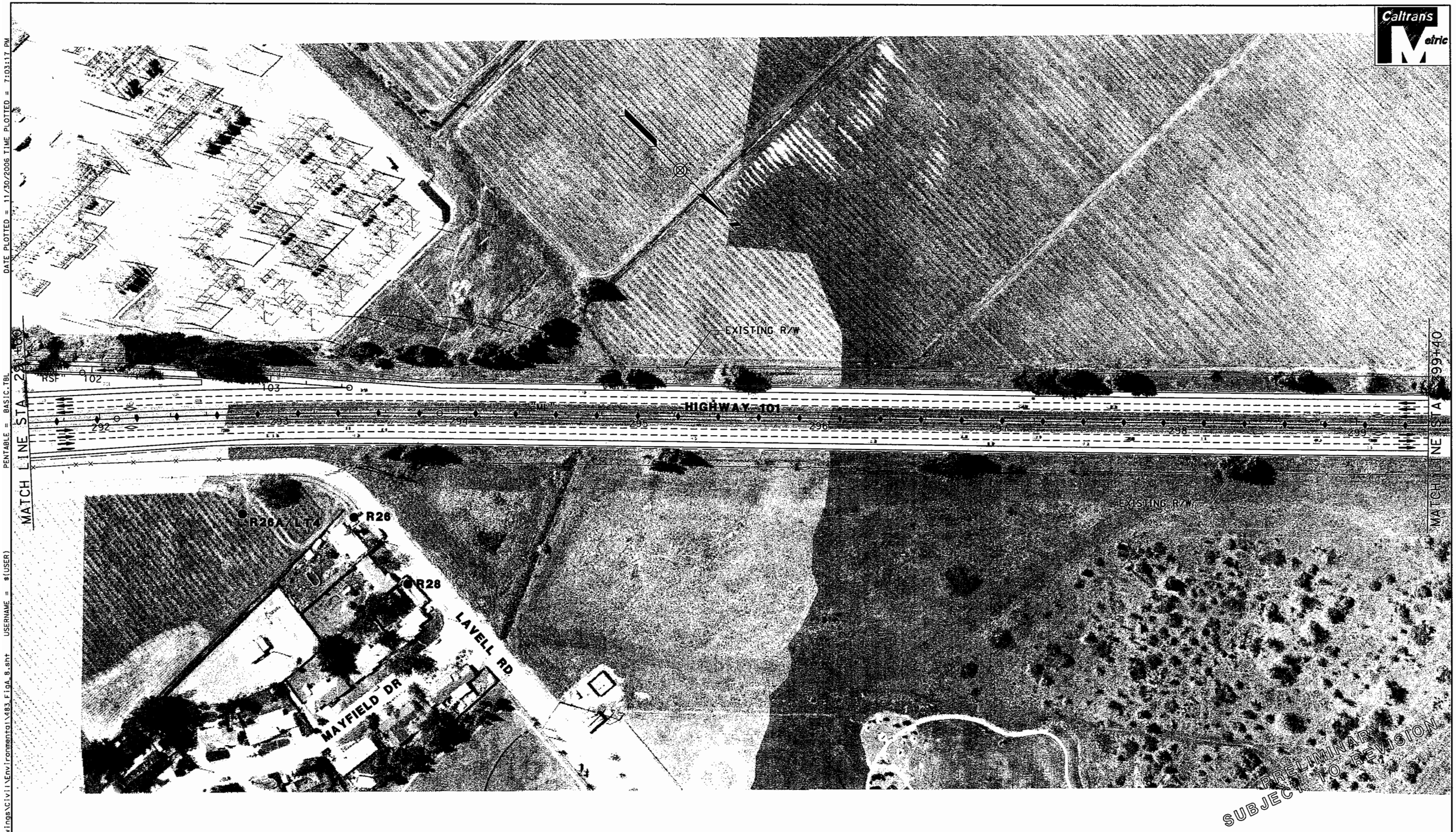
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 7 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

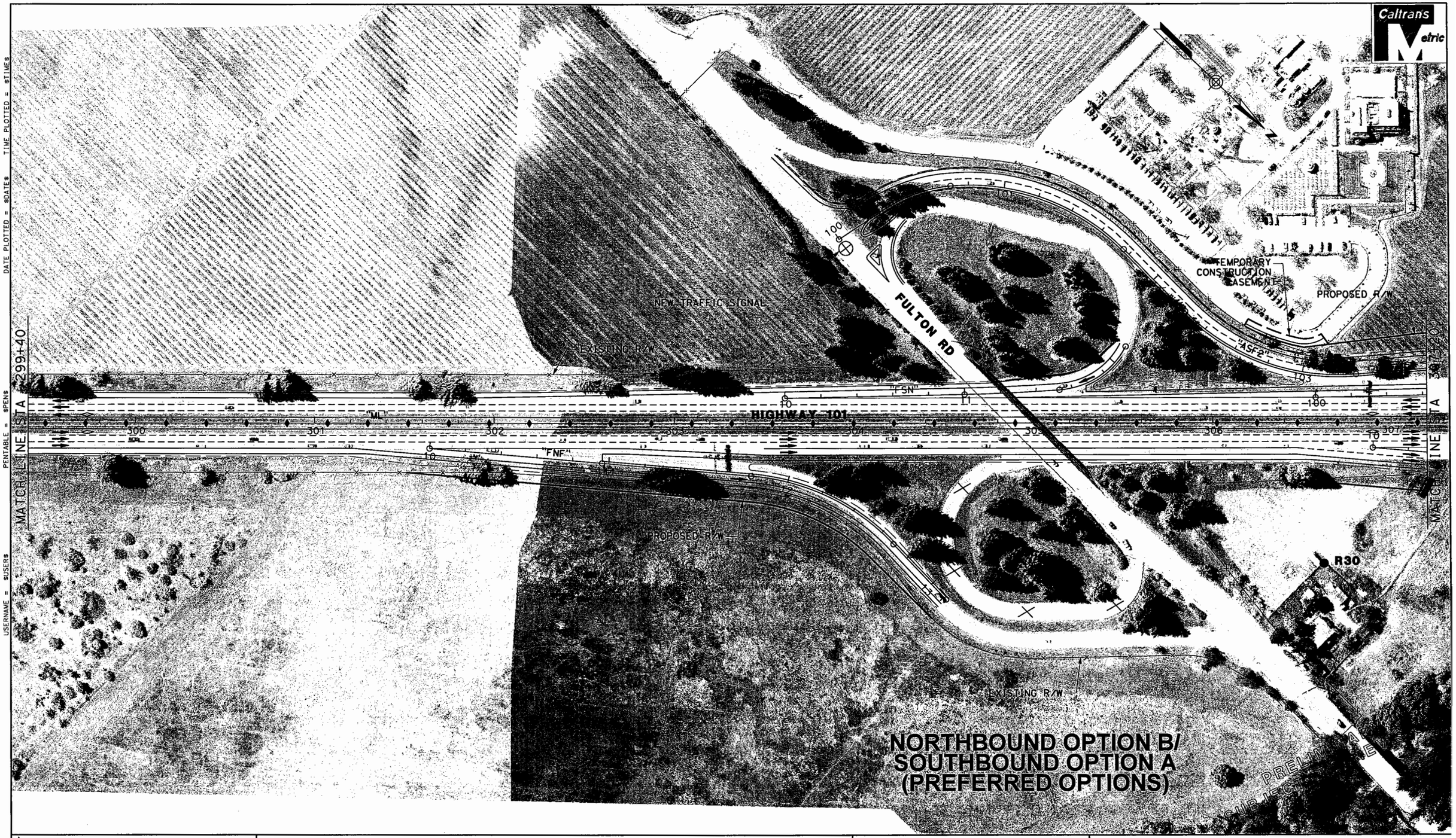
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 8 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

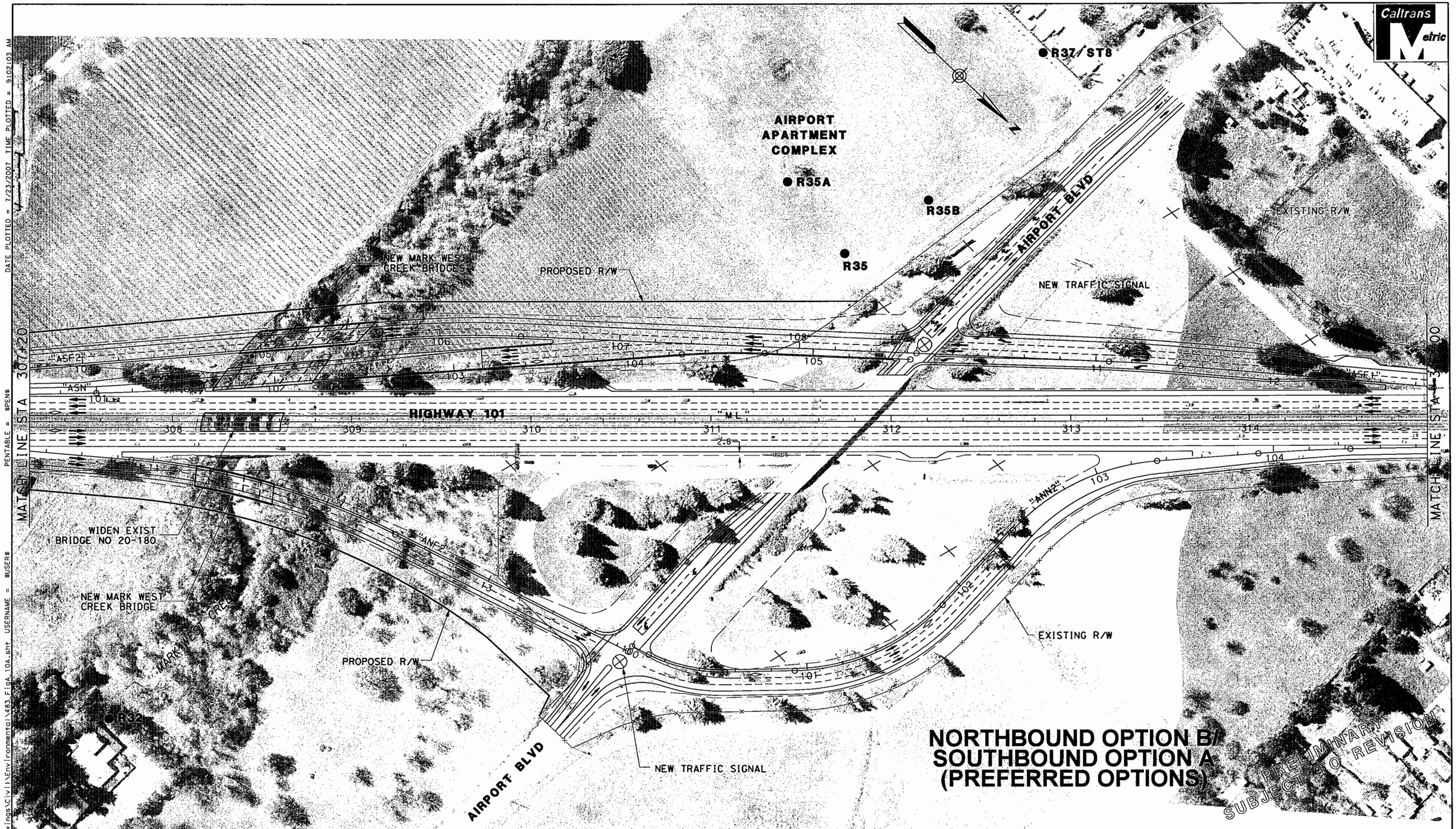
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 9A of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

## LEGEND

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

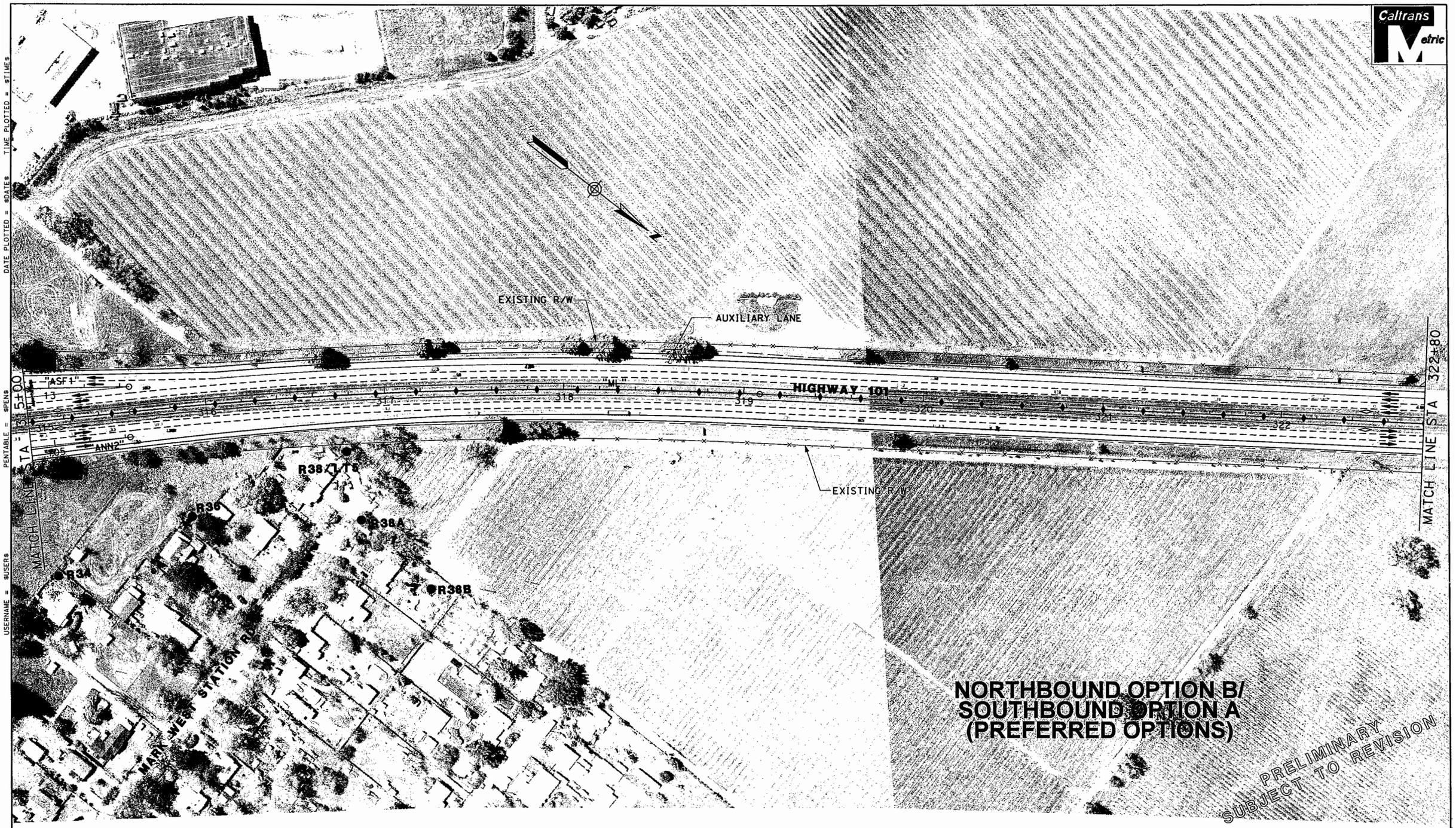
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 10A of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

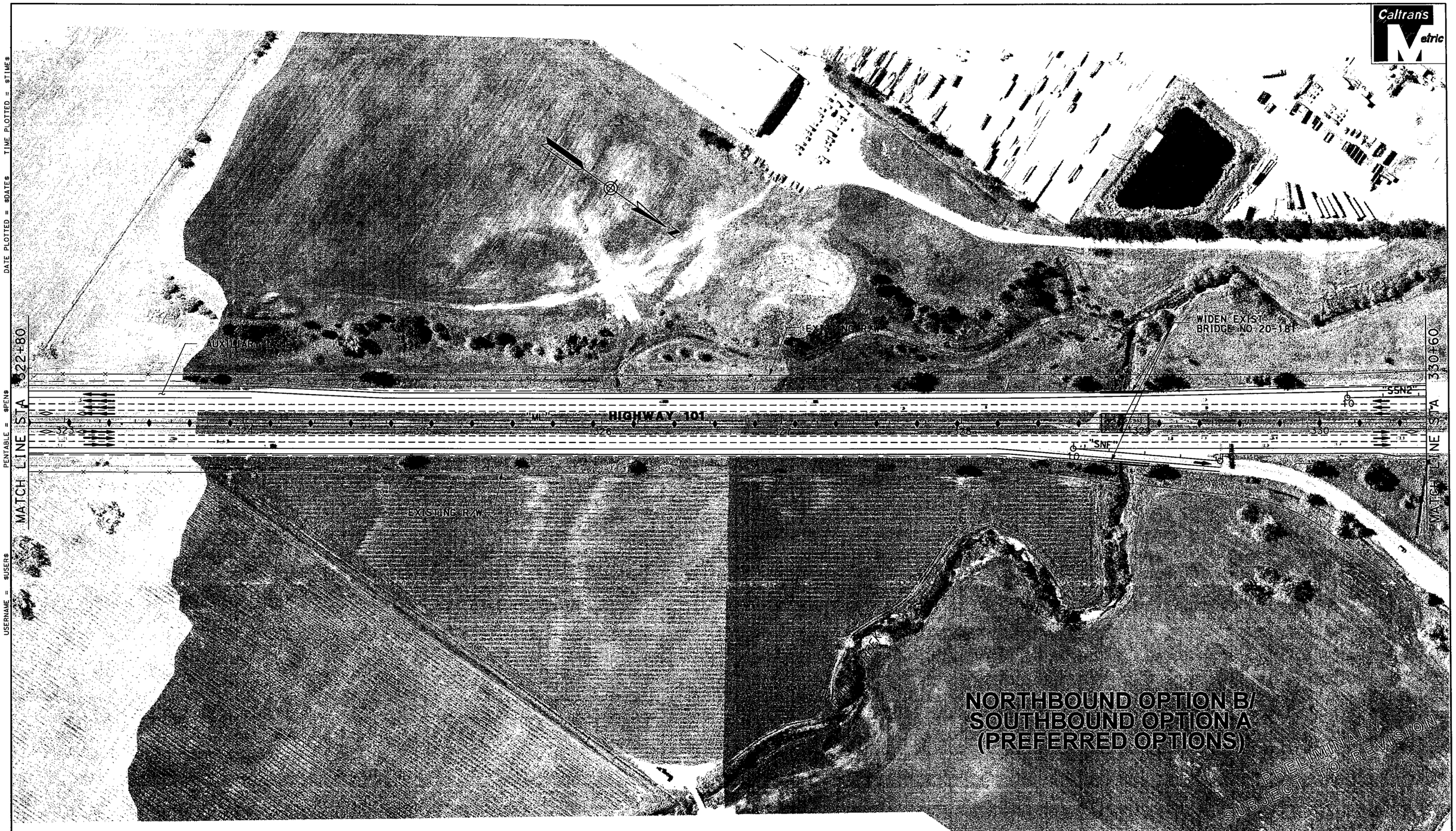
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 11A of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County
Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

## LEGEND

Retaining Wall

Sound Wall

Combined Sound Wall/Retaining Wall

Concrete Barrier

Existing State Right-of-Way — Exist R/W

Proposed State Right-of-Way — Prop R/W

toe of fill F | C top of cut

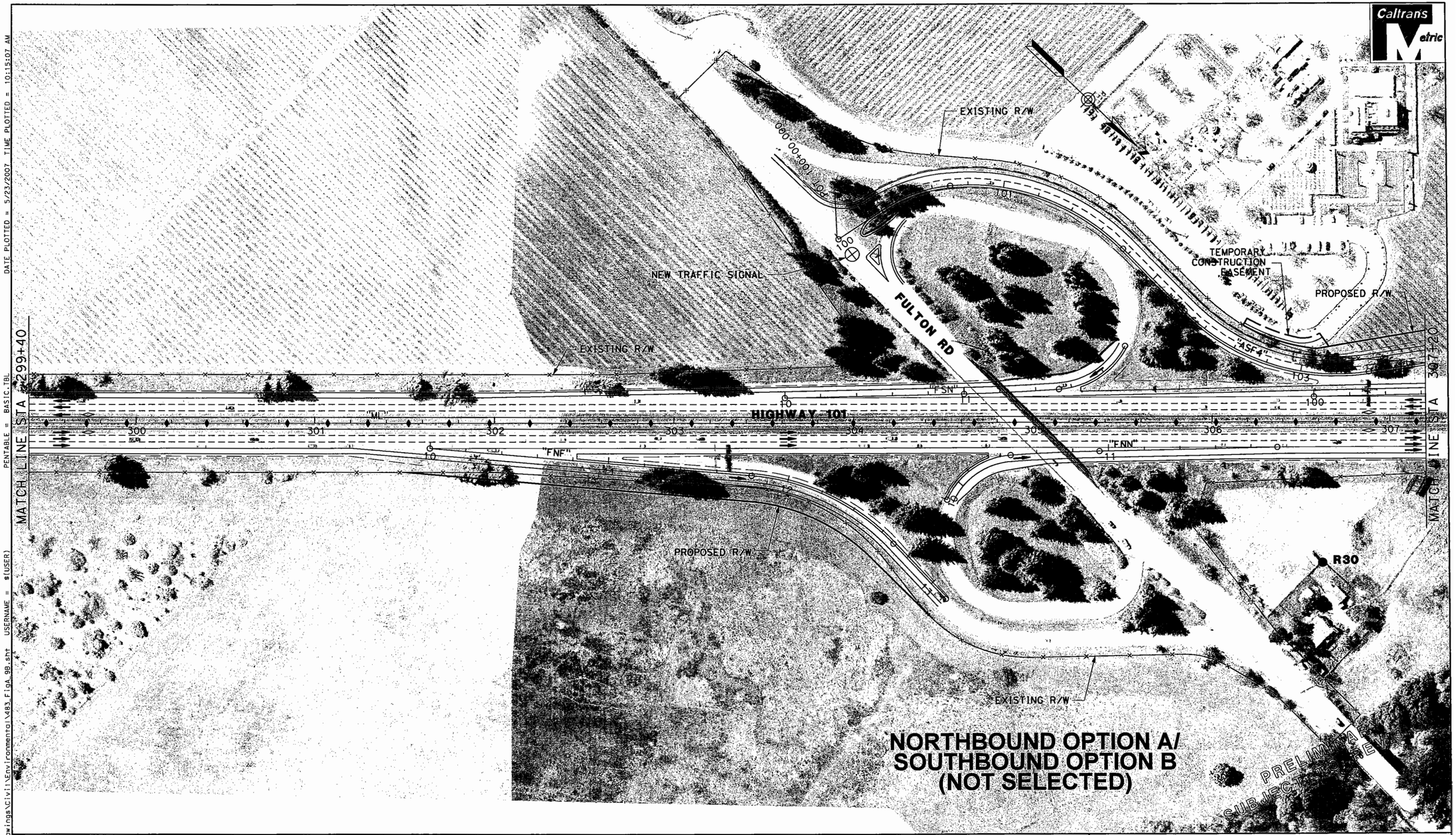
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 12A of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

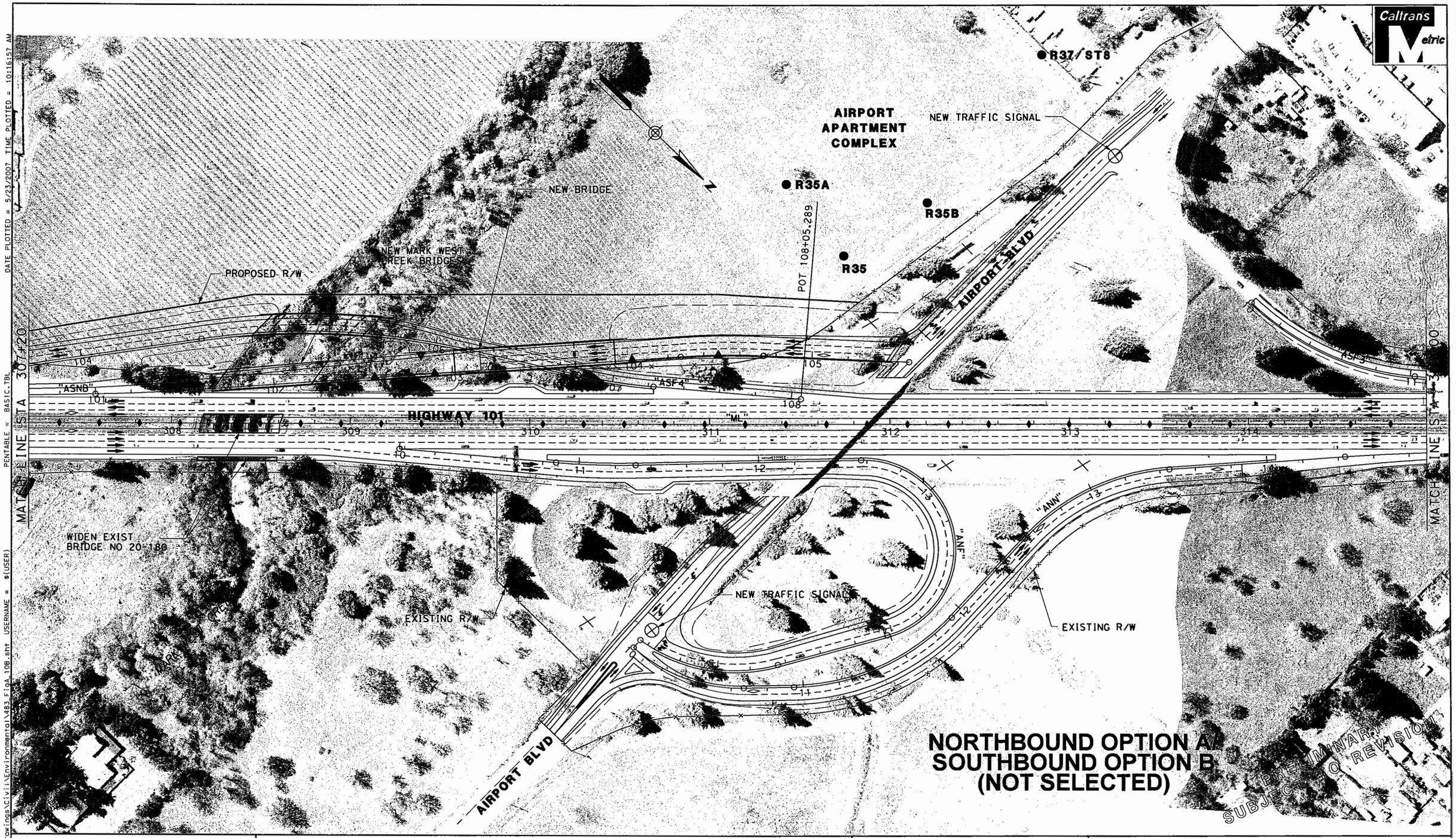
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 9B of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

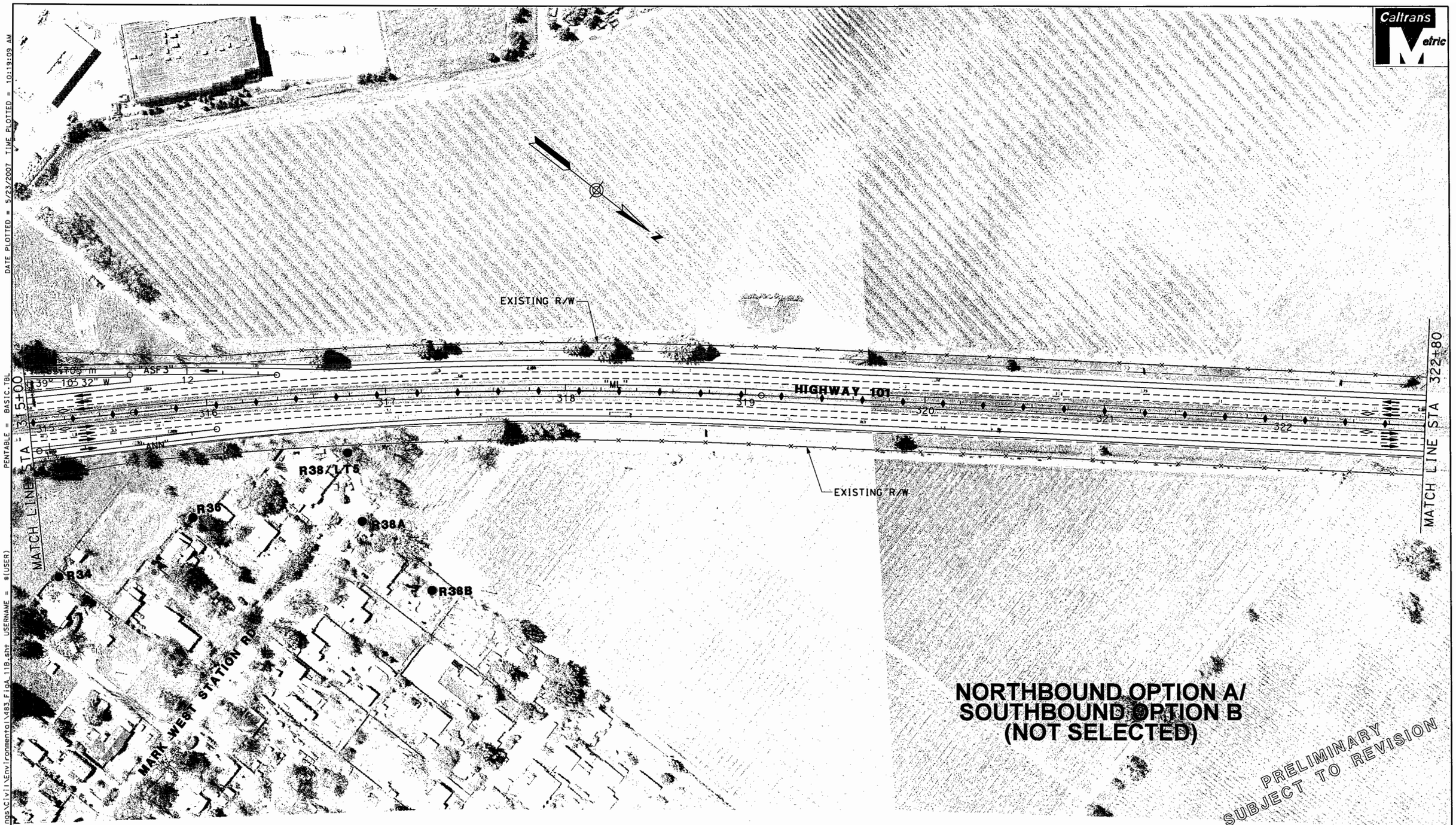
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 10B of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**




SCTA
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

Retaining Wall
Sound Wall
Combined Sound Wall/Retaining Wall
Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 11B of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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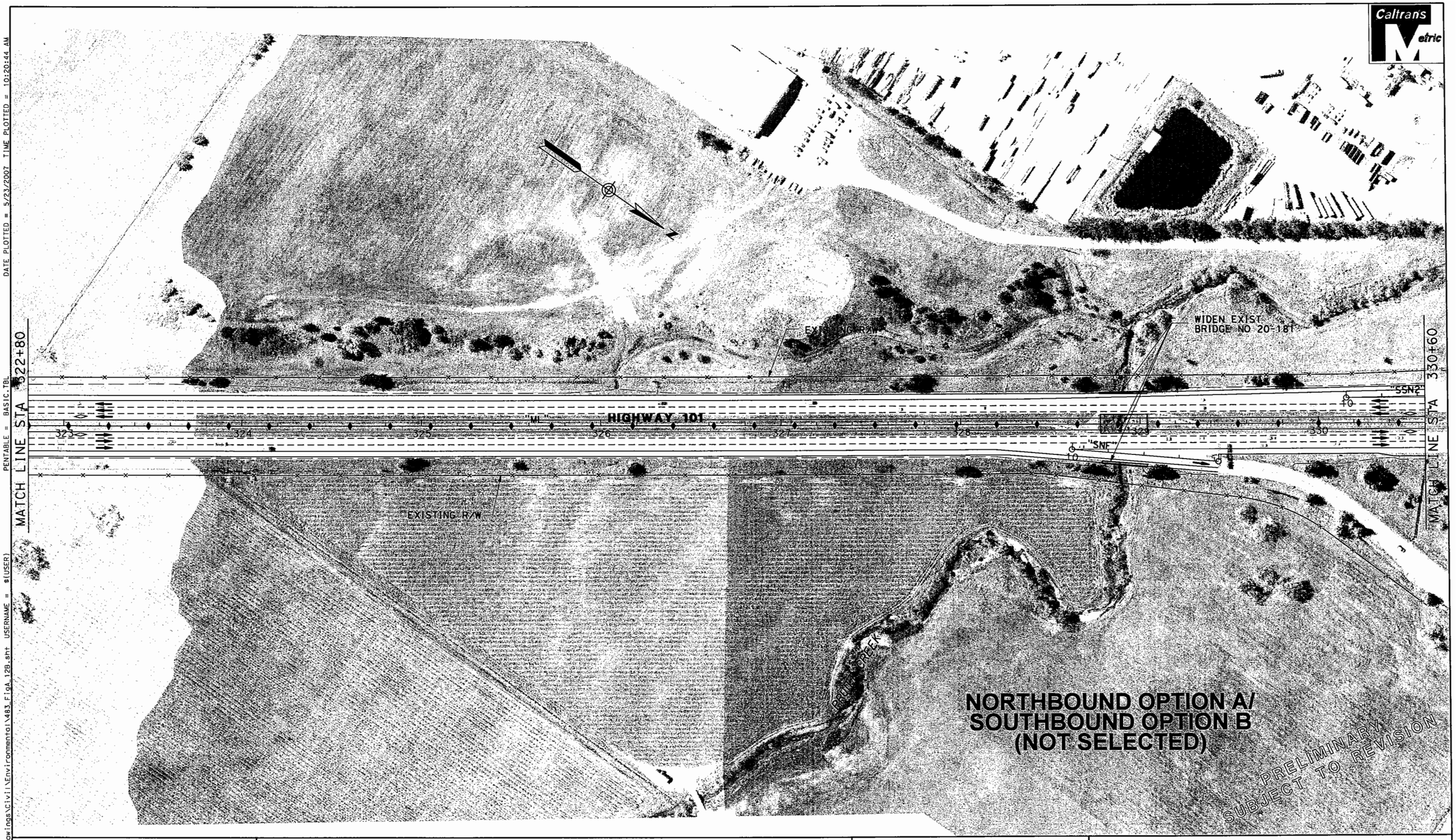


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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 12B of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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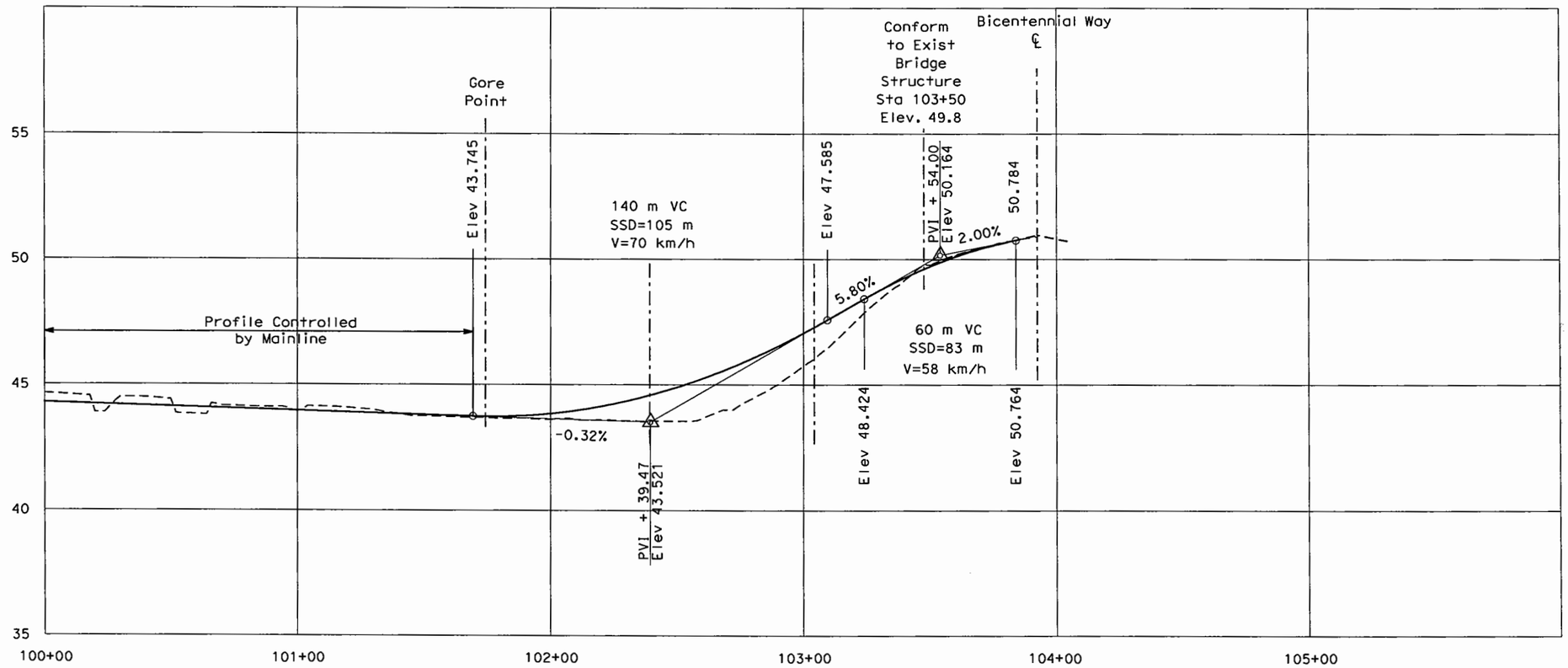



## PROFILE

SOUTHBOUND ON-RAMP FROM BICENTENNIAL WAY
"BSN" LINE

PRELIMINARY SUBJECT TO REVISION

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

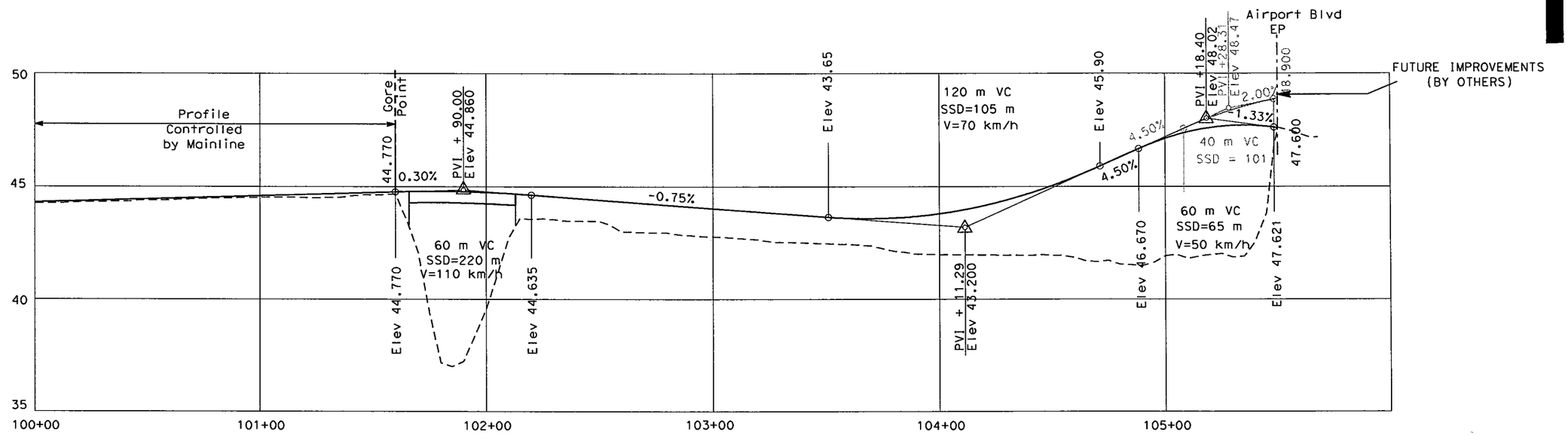
SCTA Sonoma County Transportation Authority

Caltrans

All Dimensions Are in Meters Unless Otherwise Shown

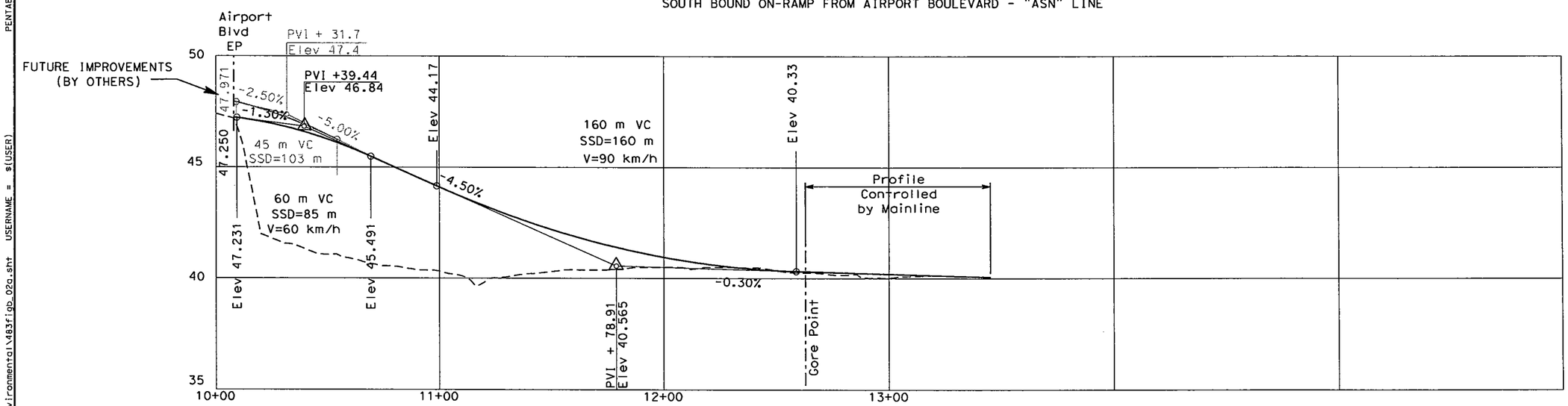
Figure B - Sheet 1 of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**




## PROFILE

FULTON ROAD/AIRPORT BLVD INTERCHANGE
SOUTHBOUND OPTION A (PREFERRED OPTION)
SOUTH BOUND ON-RAMP FROM AIRPORT BOULEVARD - "ASN" LINE




## PROFILE

FULTON ROAD/AIRPORT BOULEVARD INTERCHANGE
SOUTHBOUND OPTION A - "ASF1" LINE (PREFERRED OPTION)
SOUTHBOUND OFF-RAMP TO AIRPORT BOULEVARD

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

PRELIMINARY
SUBJECT TO REVISION

SCTA
Sonoma County
Transportation Authority

Caltrans

**All Dimensions Are in Meters Unless Otherwise Shown**

Figure B - Sheet 2A of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**

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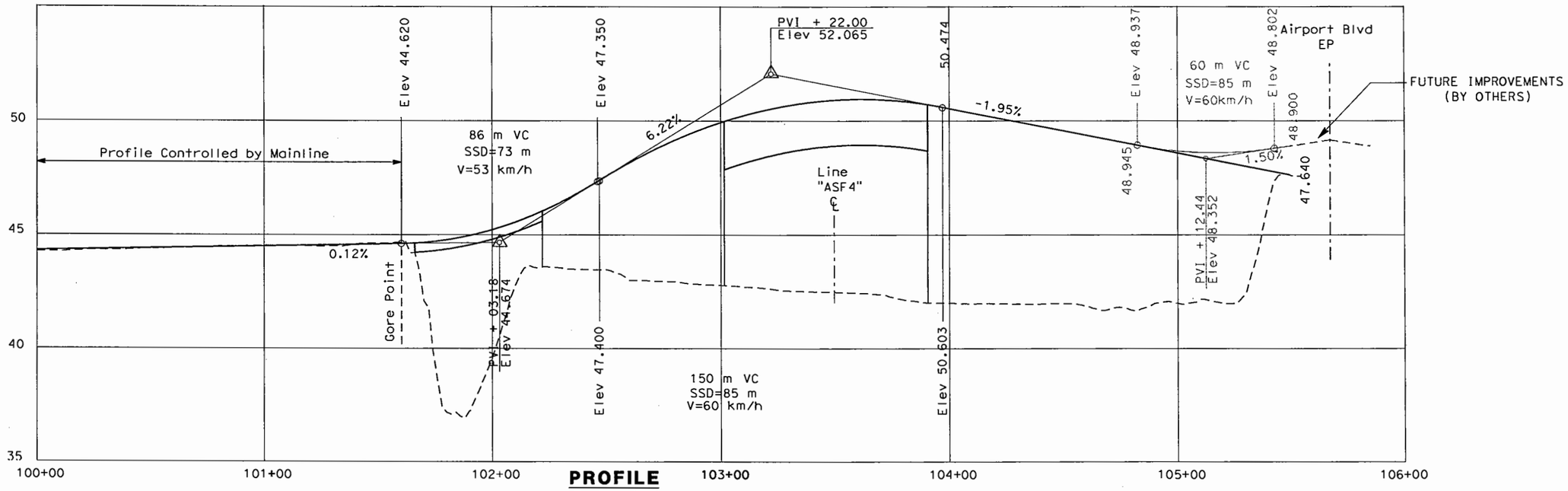
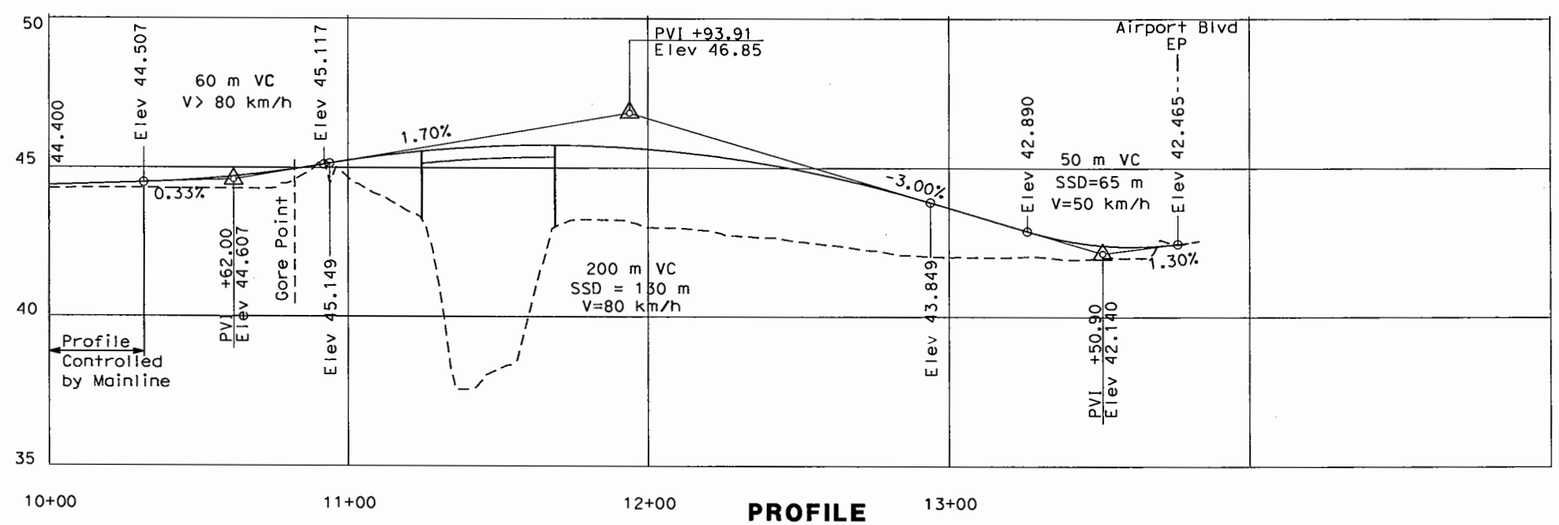



**PROFILE**

FULTON ROAD/AIRPORT BLVD INTERCHANGE
SOUTHBOUND OPTION B (NOT SELECTED)
SOUTH BOUND ON-RAMP FROM AIRPORT BOULEVARD - "ASNB" LINE




**PROFILE**

FULTON ROAD/AIRPORT BLVD INTERCHANGE
NORTHBOUND OPTION B (PREFERRED OPTION)
NORTHBOUND OFF-RAMP TO AIRPORT BOULEVARD - "ANF2" LINE

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

PRELIMINARY
SUBJECT TO REVISION

SCTA
Sonoma County Transportation Authority

Caltrans

All Dimensions Are in Meters Unless Otherwise Shown

Figure B - Sheet 2B of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**

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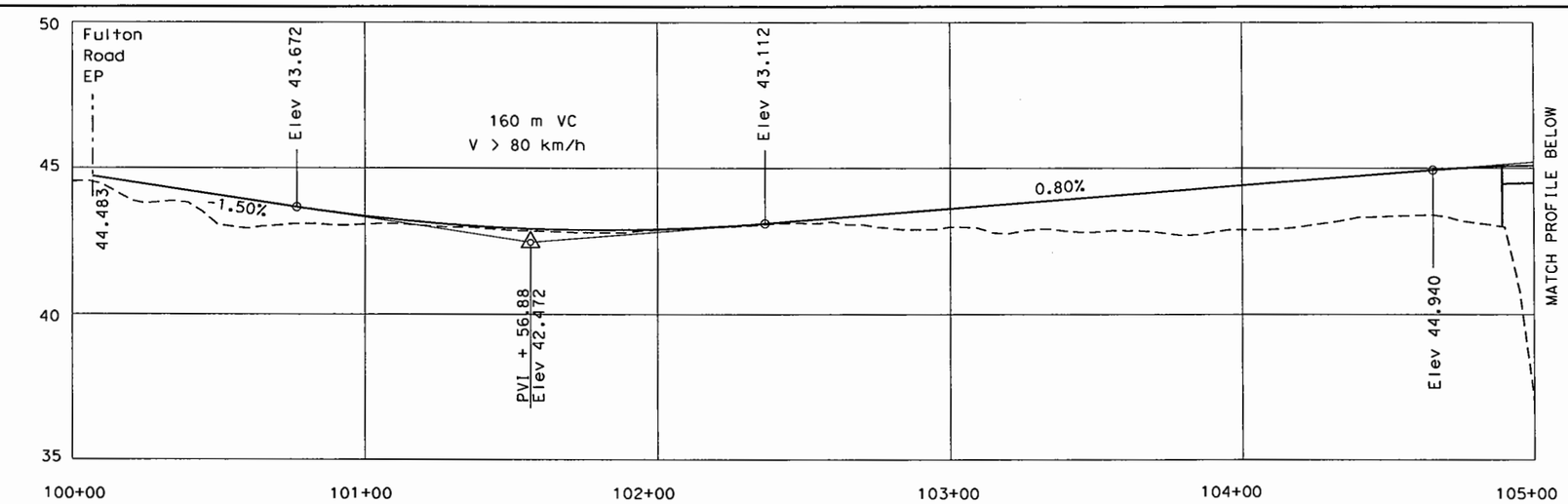


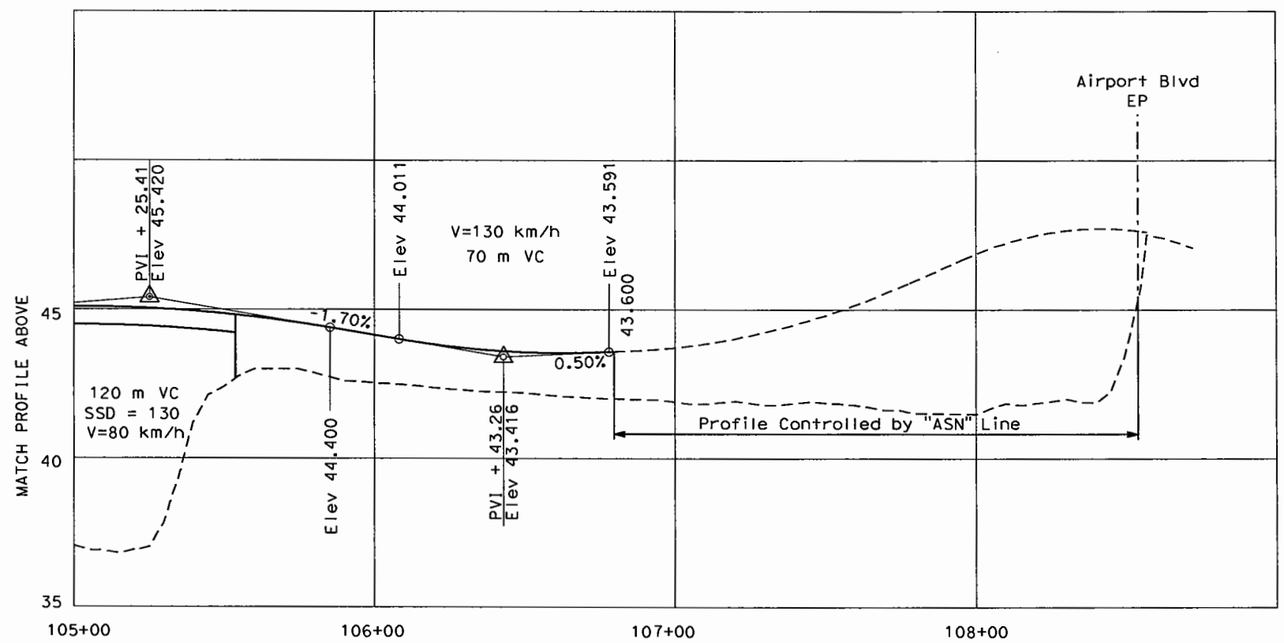


**PROFILE**

FULTON ROAD/AIRPORT BOULEVARD INTERCHANGE
SOUTHBOUND OPTION A (PREFERRED OPTION)
ONE WAY FRONTAGE ROAD
BETWEEN AIRPORT BOULEVARD AND FULTON ROAD - "ASF2" LINE

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

PRELIMINARY
SUBJECT TO REVISION

SCTA
Sonoma County
Transportation Authority

Caltrans

**All Dimensions Are in Meters Unless Otherwise Shown**

Figure B - Sheet 3A of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**

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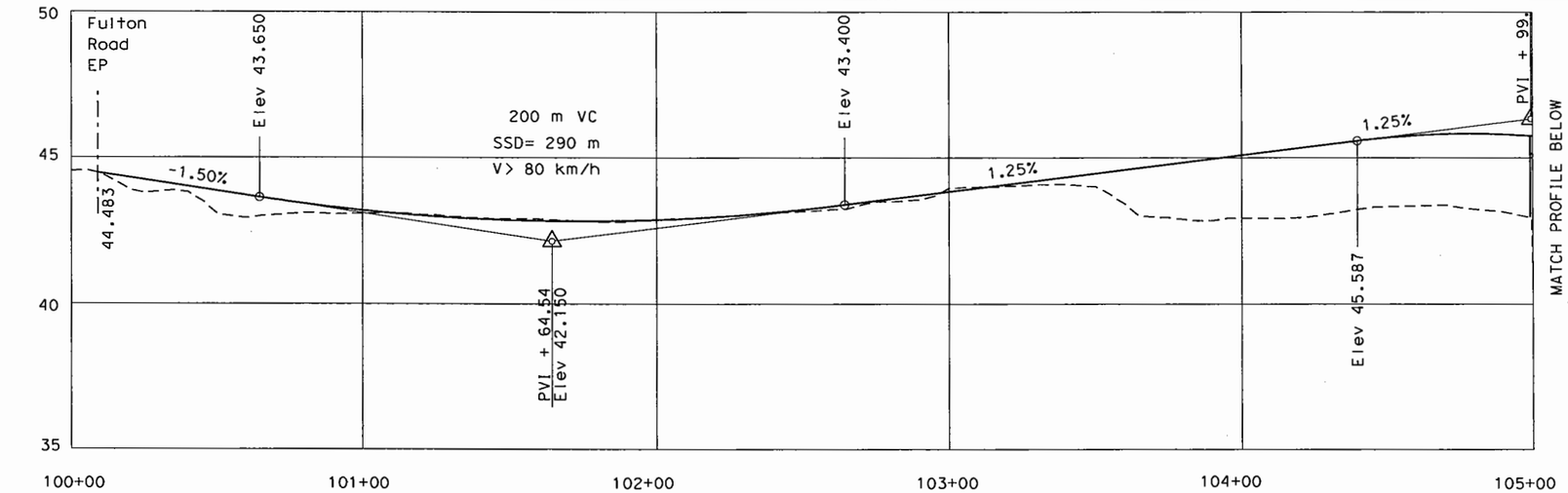


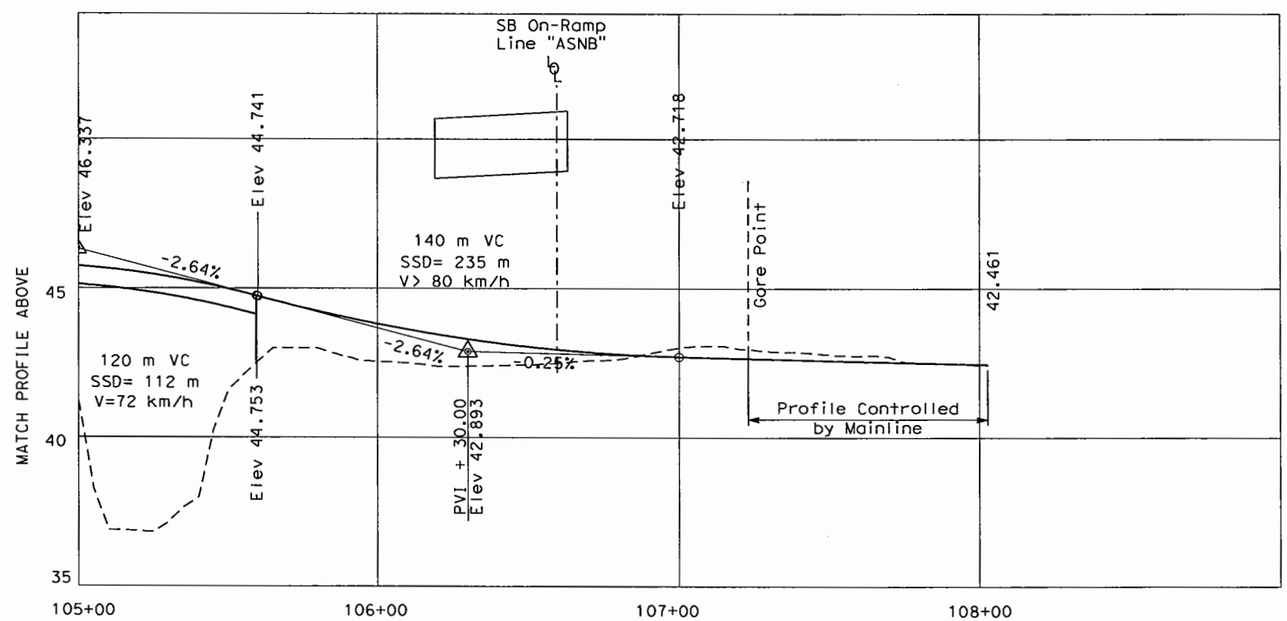


**PROFILE**

FULTON ROAD/AIRPORT BLVD INTERCHANGE
SOUTHBOUND OPTION B (NOT SELECTED)
SOUTH BOUND OFF-RAMP TO FULTON ROAD - "ASF4" LINE

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

PRELIMINARY
SUBJECT TO REVISION

SCTA
Sonoma County
Transportation Authority

Caltrans

All Dimensions Are in Meters Unless Otherwise Shown

Figure B - Sheet 3B of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**

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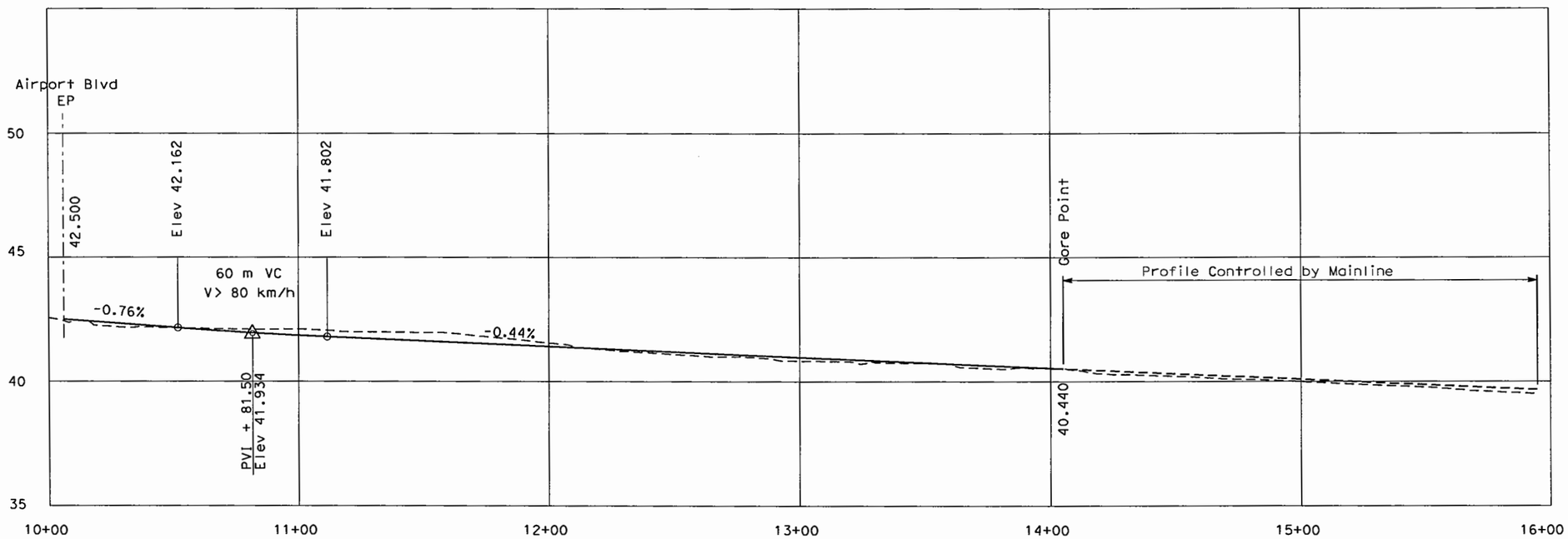


## PROFILE

FULTON ROAD/AIRPORT BOULEVARD INTERCHANGE
NORTHBOUND OPTION A & NORTHBOUND OPTION B (PREFERRED OPTION)
NORTHBOUND ON-RAMP FROM AIRPORT BOULEVARD
"ANN" & "ANN2" LINES

SCALE:
HORIZONTAL 1:2000
VERTICAL: 1:200

PRELIMINARY
SUBJECT TO REVISION

SCTA
Sonoma County
Transportation Authority

Caltrans

All Dimensions Are In Meters Unless Otherwise Shown

Figure B - Sheet 4 of 4
HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**PROFILES**

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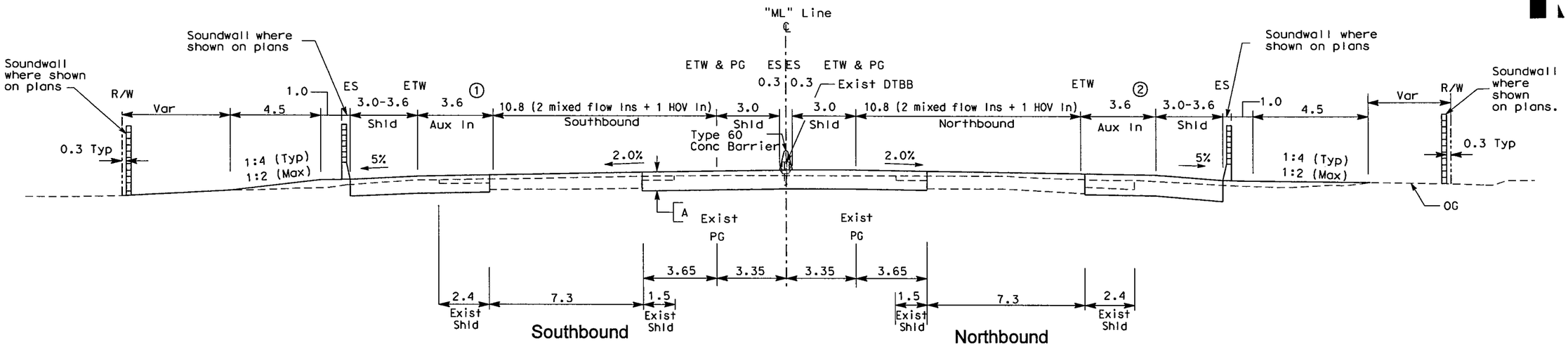
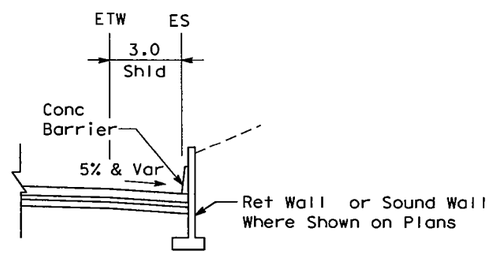
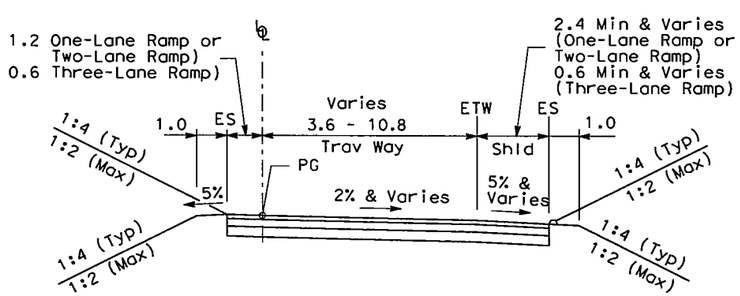
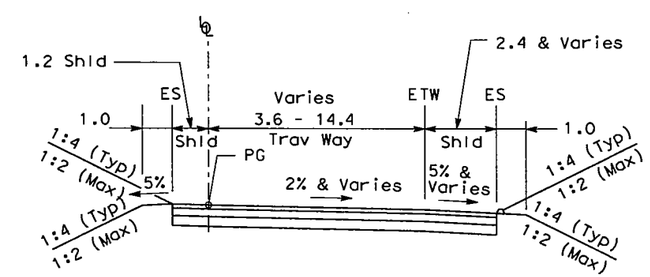



"ML" 277+60 to 279+95




ENTRANCE RAMP




EXIT RAMP

PRELIMINARY SUBJECT TO REVISION

SCTA
Sonoma County Transportation Authority

Caltrans

All Dimensions Are in Meters Unless Otherwise Shown

Figure C - Sheet 1 of 1

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**TYPICAL SECTIONS**

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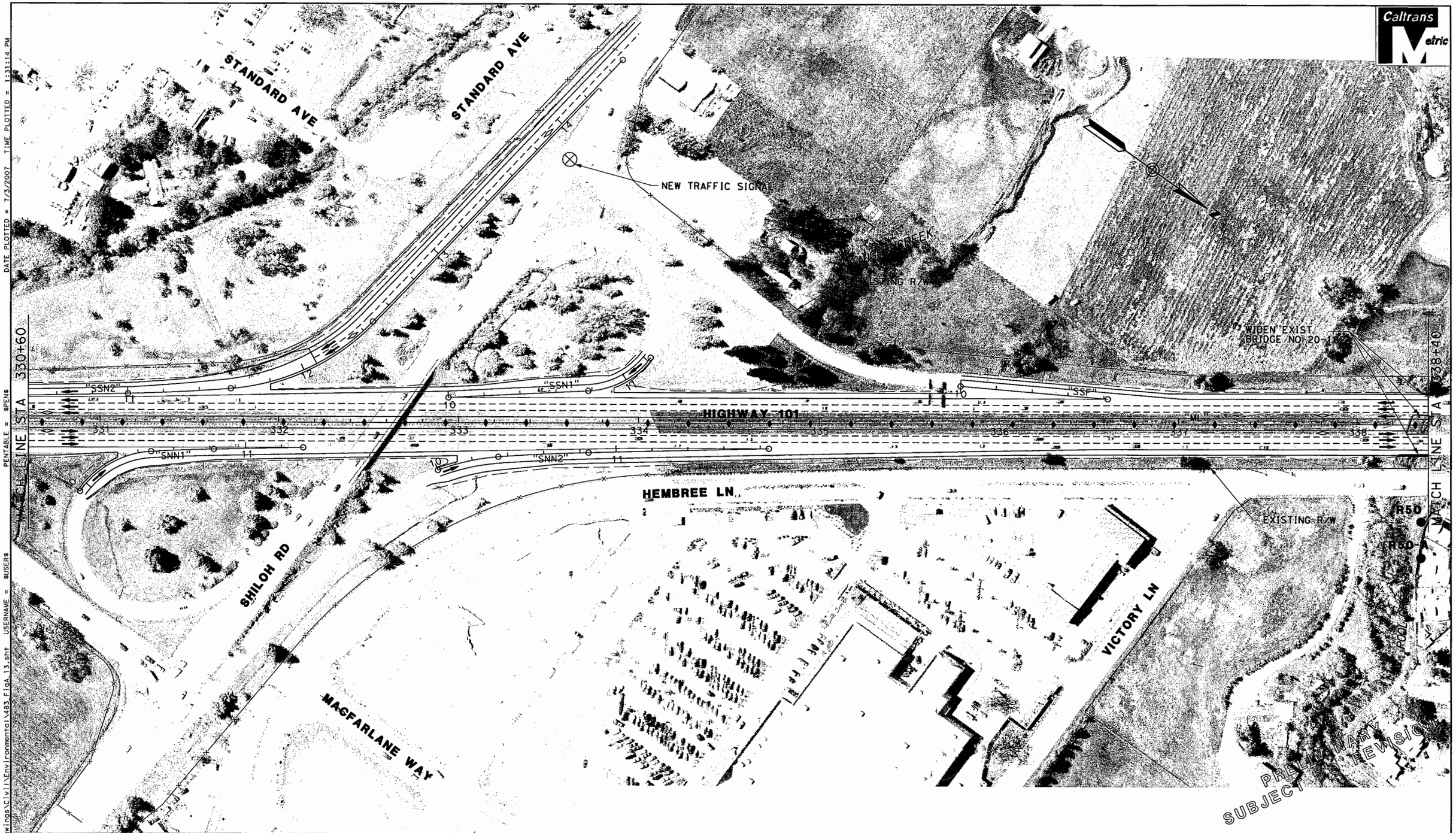


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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

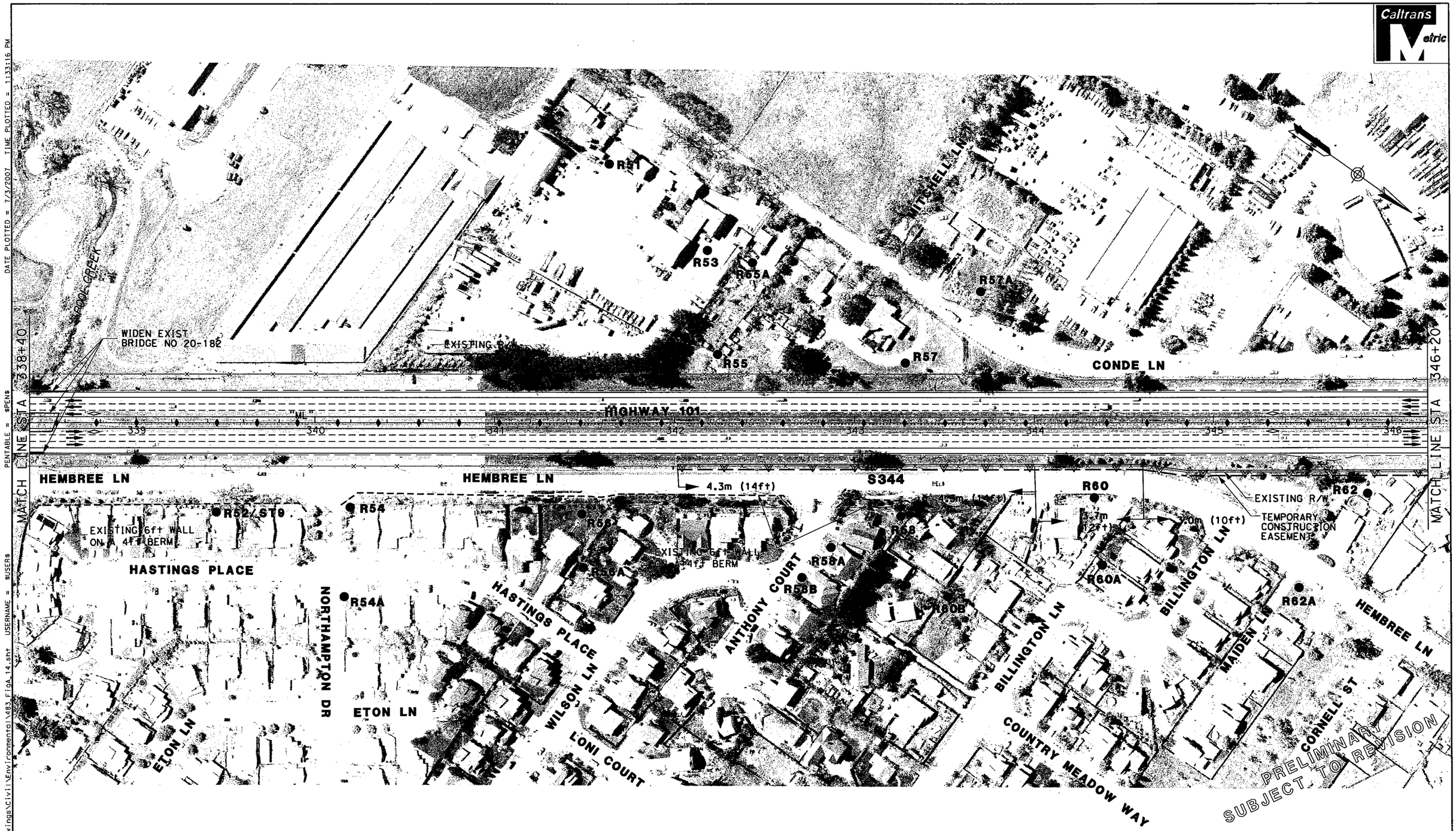
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 13 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

## LEGEND

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier
- Existing State Right-of-Way — Exist R/W
- Proposed State Right-of-Way — Prop R/W
- toe of fill F | C top of cut

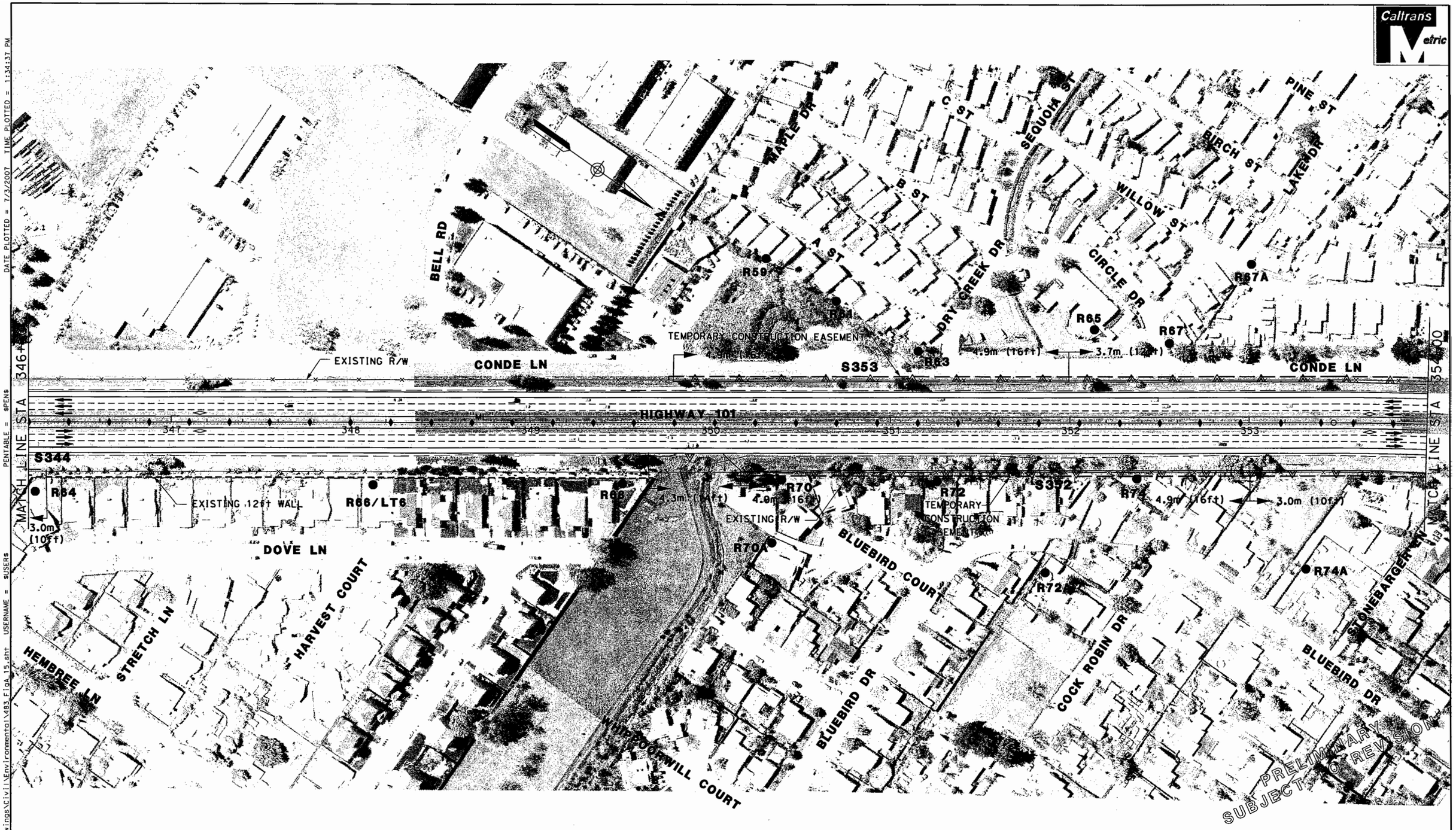
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 14 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m
SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier

Existing State Right-of-Way — Exist R/W
Proposed State Right-of-Way — Prop R/W
toe of fill F | C top of cut

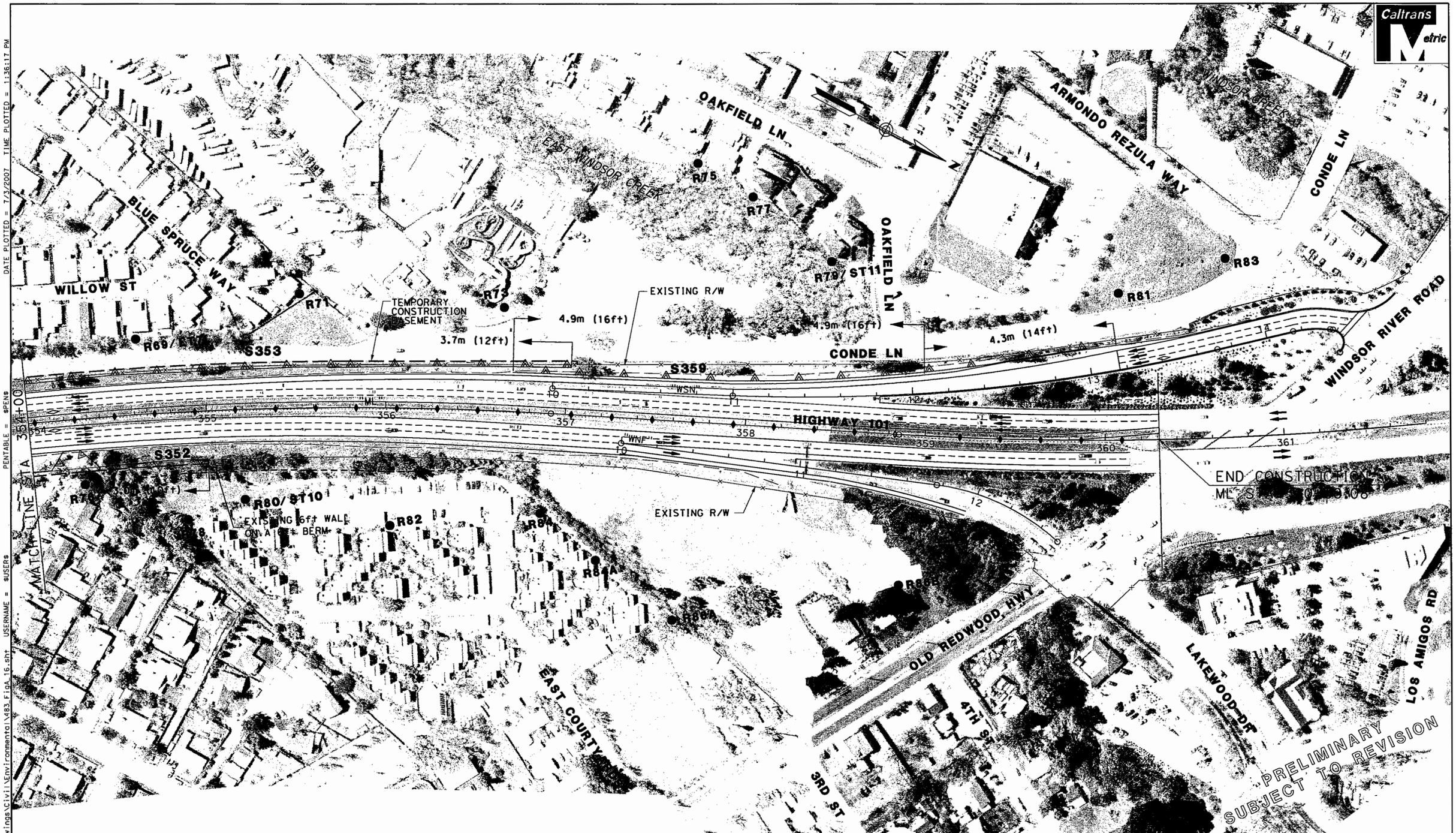
| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 15 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**

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**SCTA**
Sonoma County Transportation Authority

Caltrans

0 25 50 75 100 m

SCALE: 1:2000

**LEGEND**

- Retaining Wall
- Sound Wall
- Combined Sound Wall/Retaining Wall
- Concrete Barrier

Existing State Right-of-Way — Exist R/W

Proposed State Right-of-Way — Prop R/W

toe of fill F | C top of cut

| | |
|---|---|
| Sound Wall Number | SXX |
| Sensitive Noise Receptor | R1 ● |
| Long Term Noise Monitor | LT1 ● |
| Short Term Noise Monitor | ST1 ● |

Callouts show sound wall, retaining wall and combined retaining wall/sound wall heights where applicable.

Figure A - Sheet 16 of 16

HIGHWAY 101 HOV LANE WIDENING PROJECT
STEELE LANE TO WINDSOR RIVER ROAD

**BUILD ALTERNATIVE**