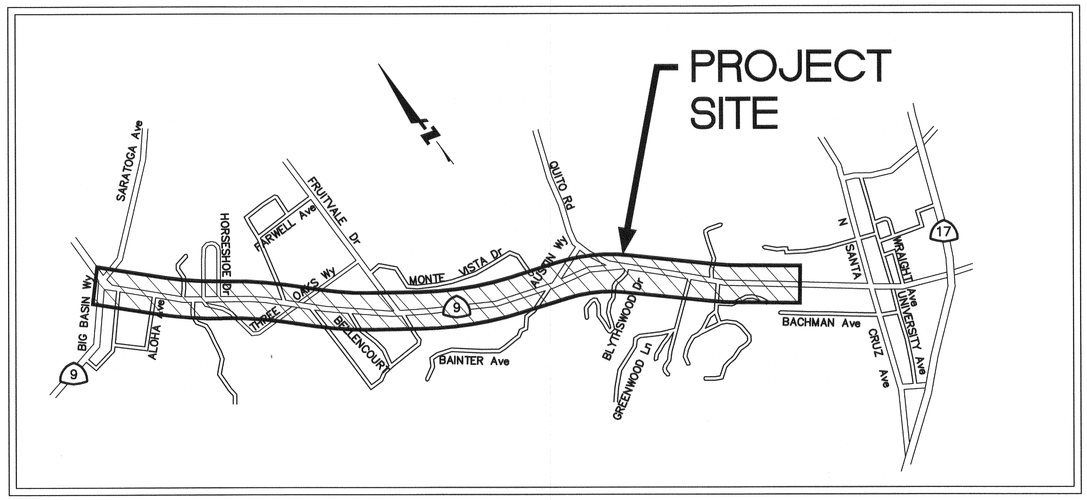
# CITY OF SARATOGA, CITY OF MONTE SERENO AND TOWN OF LOS GATOS
# HIGHWAY 9 SAFETY IMPROVEMENT PHASE 2
## BETWEEN BIG BASIN WAY AND LOS GATOS CITY LIMITS
## CALTRANS PERMIT No. 0411-NMC0467




PREPARED BY:

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No. 45407
Exp. 9/30/12
CIVIL
STATE OF CALIFORNIA
5-22-12

### LEGEND:

| | |
|---|---|
| —g— | EXISTING GAS LINE (PG&E) |
| —w— | EXISTING WATER LINE (SAN JOSE WATER) |
| —W— | EXISTING WATER LINE STEEL CASING |
| —s— | EXISTING SANITARY SEWER LINE |
| —oh— | EXISTING OVERHEAD ELECTRICAL LINE (PG&E) |
| —e— | EXISTING ELECTRICAL LINE (PG&E) |
| OHTV | EXISTING OVERHEAD TELEVISION CABLE (COMCAST) |
| —tv— | EXISTING TELEVISION CABLE (COMCAST) |
| —t— | EXISTING TELEPHONE LINE (VERIZON) |
| —sd— | EXISTING STORM DRAIN LINE (TOWN LOS GATOS) |
| —x—x— | EXISTING FENCE LINE |
| | EXISTING CURB AND GUTTER |
| | EXISTING THREADLINE OF CREEK |
| | PROPERTY LINE |
| R/W | STATE RIGHT OF WAY |
| | EXISTING POWER POLE OR JOINT POLE |
| | EXISTING POWER POLE WITH GUY WIRE |
| | EXISTING ELECTROLIER |
| | EXISTING SIGN |
| SDMH | EXISTING STORM DRAIN MANHOLE |
| SSMH | EXISTING SANITARY SEWER MANHOLE |
| FH | EXISTING FIRE HYDRANT |
| | EXISTING INLET |
| GV | EXISTING GAS VALVE |
| WV | EXISTING WATER VALVE |
| WM | EXISTING WATER METER |
| PB | EXISTING ELECTRIC PULL BOX |
| Tel PB | EXISTING TELEPHONE PULL BOX |
| SL PB | EXISTING STREET LIGHT PULL BOX |
| TV PB | EXISTING TELEVISION PULL BOX |
| | PROPOSED SIGN |
| | PROPOSED DRIVEWAY |
| | PROPOSED CURB RAMP |
| | PROPOSED LIGHTED CROSSWALK |

### SHEET INDEX:

| DRAWING No. | TITLE |
|---|---|
| T-1 | TITLE SHEET |
| K-1 | KEY MAP |
| X-1 THRU X-6 | TYPICAL SECTION SHEETS |
| DEM-1 THRU DEM-8 | DEMOLITION SHEETS |
| L-1 THRU L-8 | LAYOUT SHEETS |
| G-1 THRU G-7 | GRADING SHEETS |
| C-1 THRU C-13 | CONSTRUCTION DETAILS |
| EC-1 THRU EC-7 | EROSION CONTROL DETAILS |
| TH-1 THRU TH-6 | TRAFFIC HANDLING PLAN |
| E-1 THRU E-5 | IN-PAVEMENT LIGHTING SHEETS |

### ABBREVIATIONS:

| | | | |
|---|---|---|---|
| & | AND | NTS | NOT TO SCALE |
| AC | ASPHALT CONCRETE | OG | ORIGINAL GRADE |
| AP | ANGLE POINT | OHE | OVERHEAD ELECTRICAL |
| BC | BEGIN OF CURVE | PCC | POINT OF COMPOUND CURVE |
| BEG | BEGIN | PG&E | PACIFIC GAS AND ELECTRIC CO. |
| BW | BACK OF WALK | PP | POWER POLE |
| ℄ | CENTER LINE | PPB | PEDESTRIAN PUSHBUTTON |
| CMP | CORRUGATED METAL PIPE | PR | PROPOSED |
| CONC | CONCRETE | PRC | POINT OF REVERSE CURVE |
| CR | CURB RAMP | PT | POINT |
| CT | CALTRANS | PVMT | PAVEMENT |
| DET | DETAIL | RCP | REINFORCED CONCRETE PIPE |
| EC | END OF CURVE | RIM | RIM ELEVATION |
| ELEV | ELEVATION | RT | RIGHT |
| EP | EDGE OF PAVEMENT | R/W | RIGHT OF WAY |
| ETW | EDGE OF TRAVELED WAY | SD | STORM DRAIN |
| EX | EXISTING | SDCB | STORM DRAIN CATCH BASIN |
| FC | FACE OF CURB | SDMH | STORM DRAIN MANHOLE |
| FG | FINISHED GRADE | SS | SANITARY SEWER |
| FH | FIRE HYDRANT | SSMH | SANITARY SEWER MANHOLE |
| G | GAS | STD | STANDARD |
| HC | HANDICAP | SW | SIDEWALK |
| HMA | HOT MIXED ASPHALT | T | TELEPHONE |
| HP | HINGE POINT | TC | TOP OF CURB |
| INV | INVERT ELEVATION | TD | TOP OF DIKE |
| JB | JUNCTION BOX | TG | TOP OF GRATE |
| LG | LIP OF GUTTER | TYP | TYPICAL |
| MH | MANHOLE | W | WATER |

### BENCH MARK

THE HORIZONTAL DATUM IS BASED UPON NORTH AMERICAN DATUM OF 1983 (NAD 83)

THE VERTICAL DATUM IS BASED ON THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29)

FOUND BRASS DISK IN MONUMENT WELL STAMPED "LG#32" AT THE INTERSECTION OF SARATOGA – LOS GATOS ROAD AND TAIT AVENUE. ELEVATION = 401.02 (N 1909555.8378, E 6130100.7106).


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**Highway 9 Safety Improvement Project Phase 2**
**Title Sheet**

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012
SCALE NO SCALE
SHEET NO. T-1

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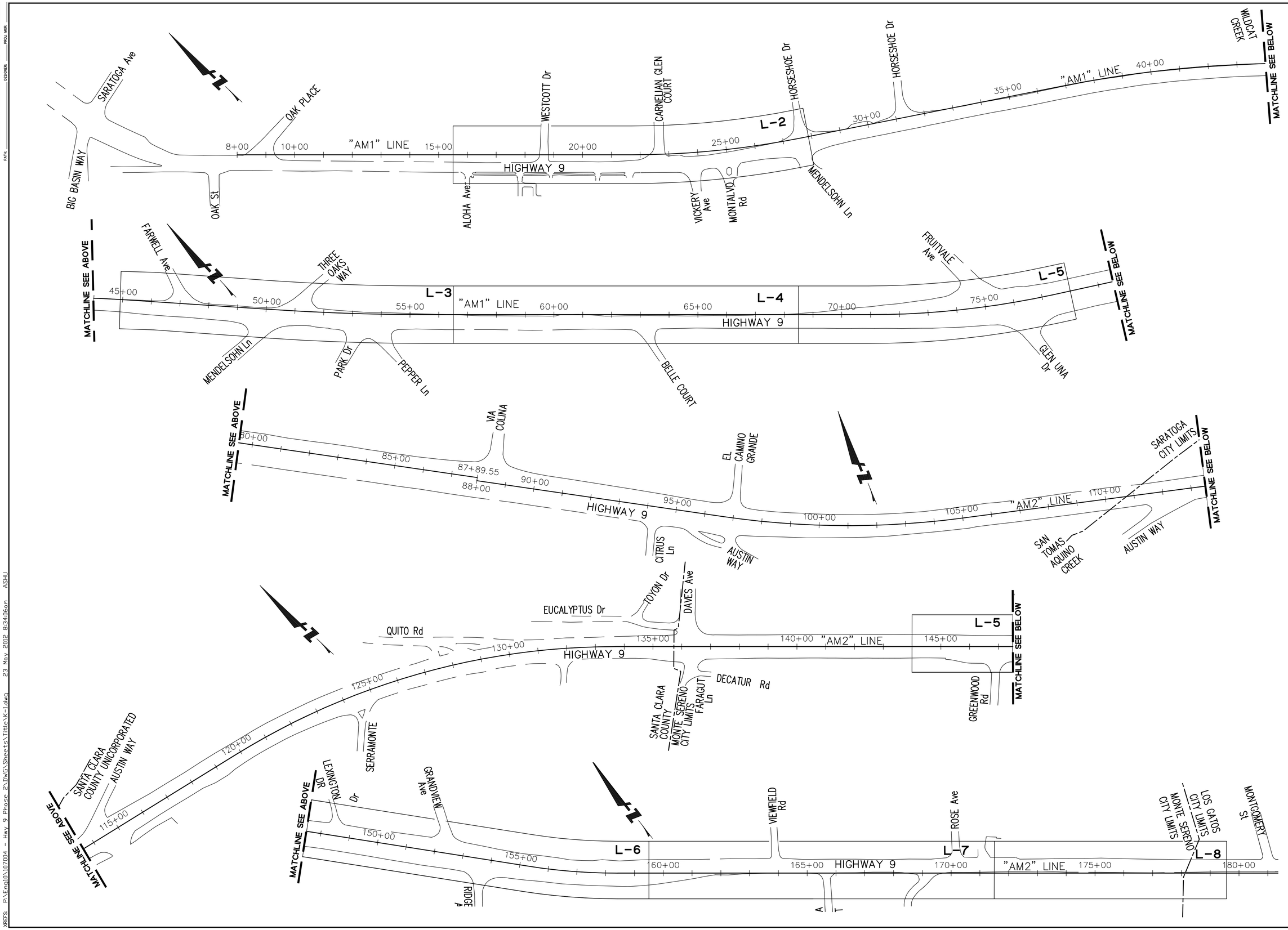


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# Highway 9 Safety Improvement Project Phase 2

# Key Map

| NO. | BY | DATE | REVISIONS: |
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DATE 5/21/2012

SCALE NO SCALE

SHEET NO. K-1

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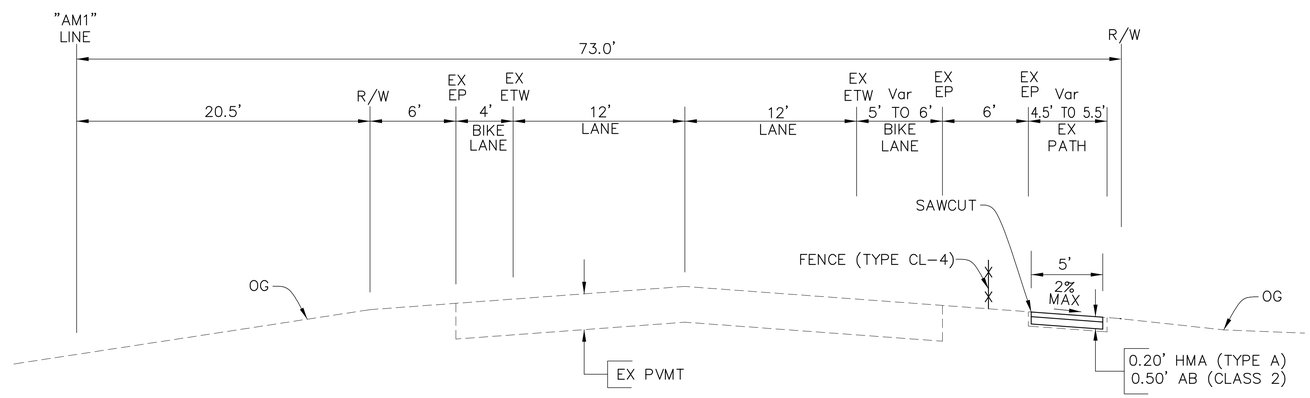
NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS.
2. FOR CURB TYPES AND LIMITS, SEE LAYOUT PLANS.
3. FOR DIKE TYPES AND LIMITS, SEE LAYOUT PLANS.
4. FOR RETAINING WALLS LIMITS, SEE LAYOUT PLANS.
5. FOR VERTICAL CURB LIMITS, SEE LAYOUT PLANS
6. CONTRACTOR SHALL SAWCUT TO A NEAT LINE.
7. FOR HMA DEEP LIFT LIMITS AND LOCATIONS, SEE LAYOUT & GRADING PLANS.
8. FOR LIMITS OF SAWCUT, SEE LAYOUT & GRADING PLANS.
9. FOR LIMITS OF HMA OVERLAY , SEE LAYOUT & GRADING PLANS.
10. FOR FENCE TYPES AND LIMITS, SEE LAYOUT PLANS.




"AM1" 16+20.48 TO 27+33.29

FOR ABBREVIATIONS & LEGEND, SEE SHEET T-1.

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# Highway 9 Safety Improvement Project Phase 2

## Typical Sections

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DATE 5/21/2012

SCALE NO SCALE

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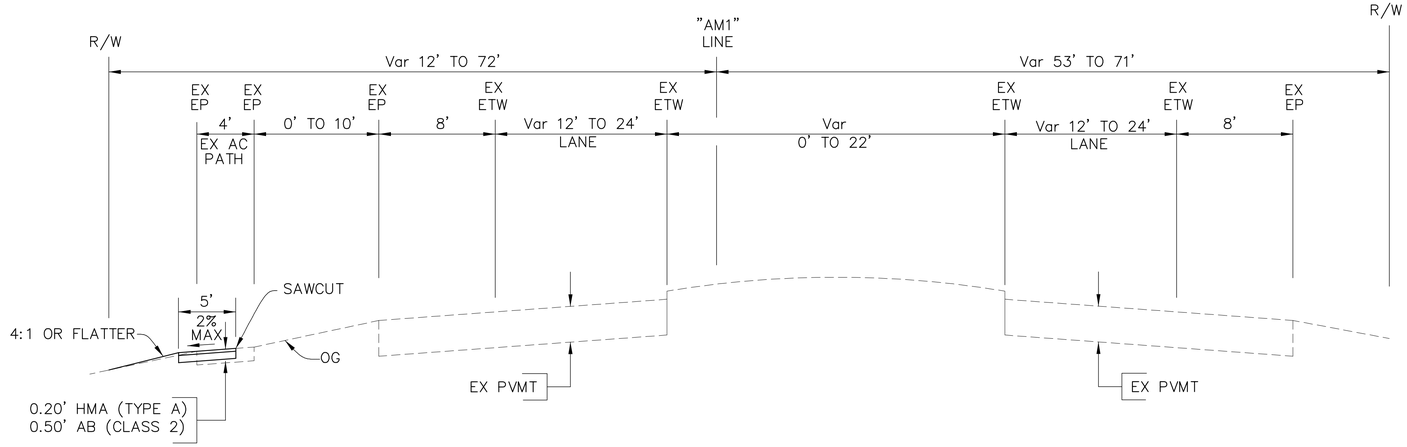
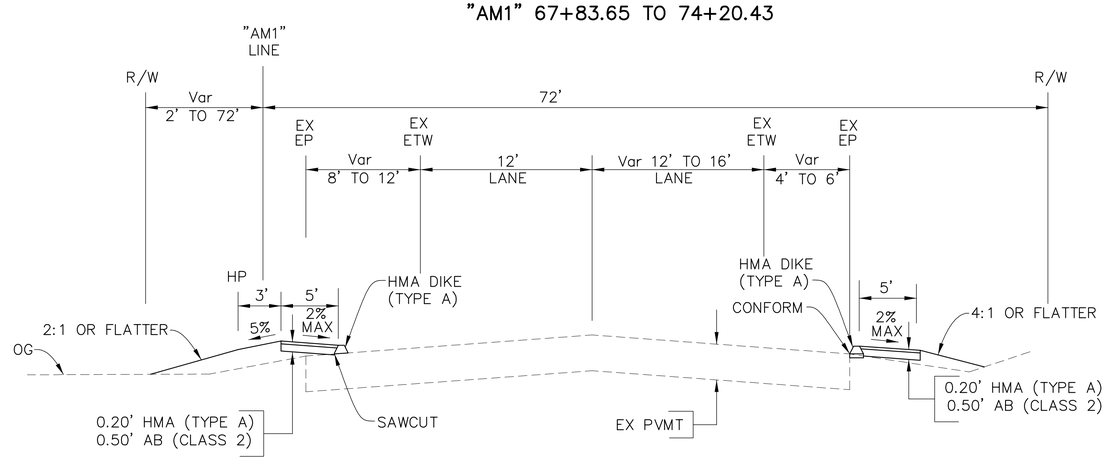
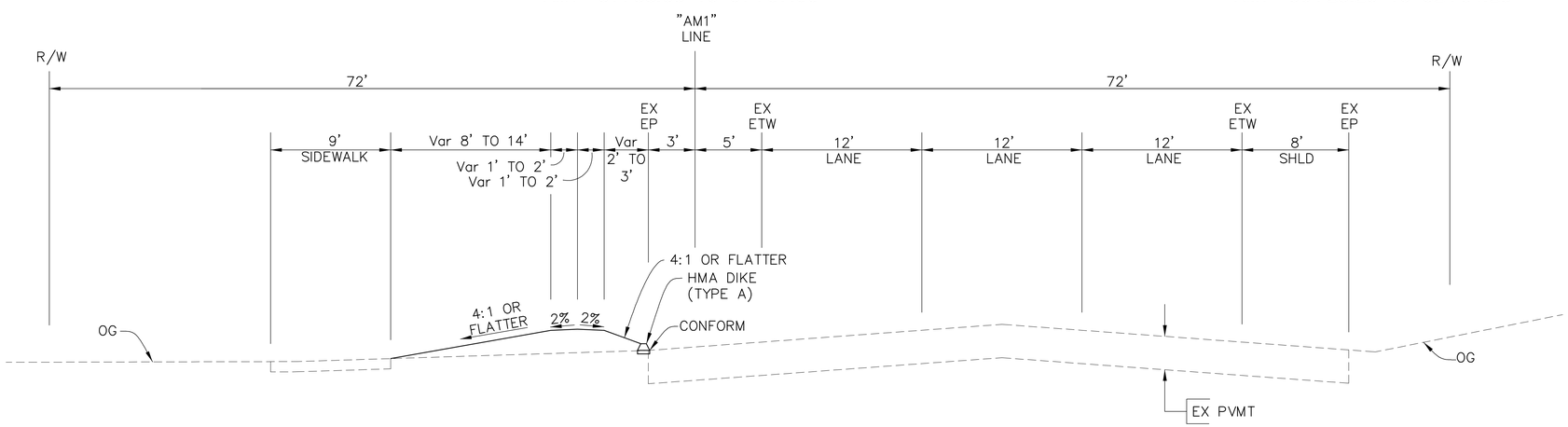



"AM1" 67+83.65 TO 74+20.43




"AM1" 51+58.03 TO 67+37.60

"AM1" 50+25.23 TO 52+84.23




"AM1" 47+35.24 TO 50+64.48

**HIGHWAY 9**

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & X-1.

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# Highway 9 Safety Improvement Project Phase 2

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DATE 5/21/2012

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SHEET NO. X-2

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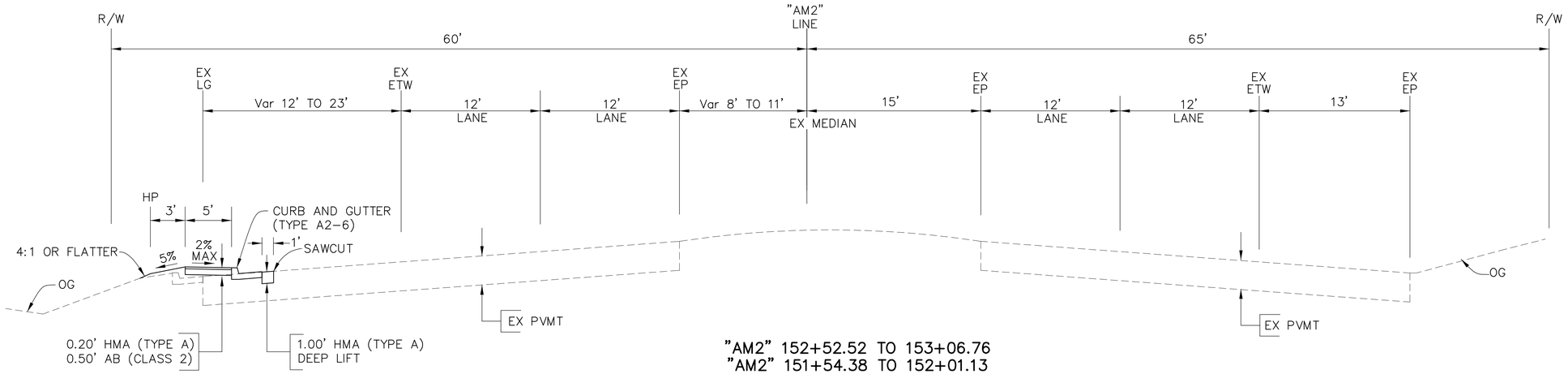
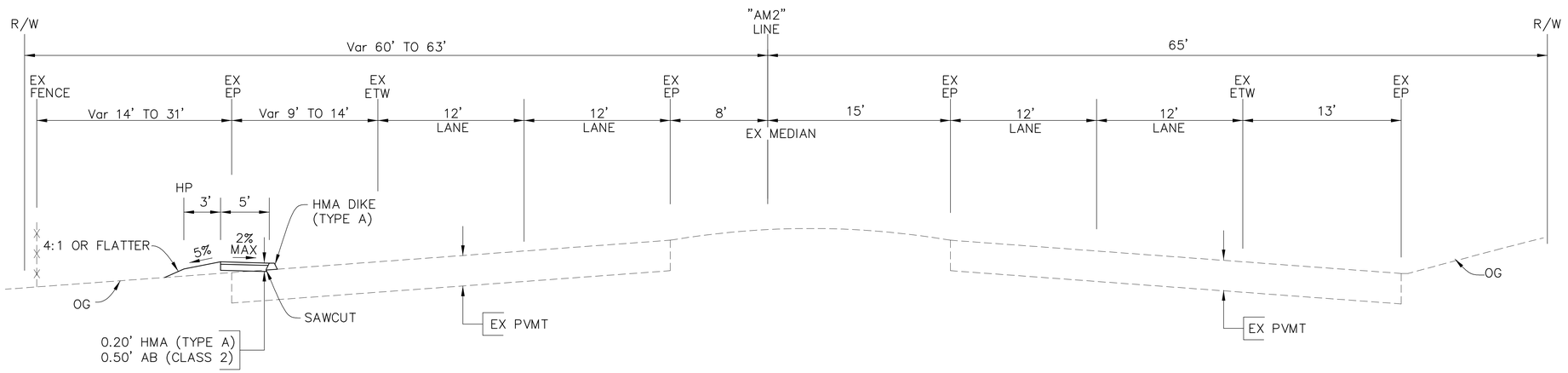
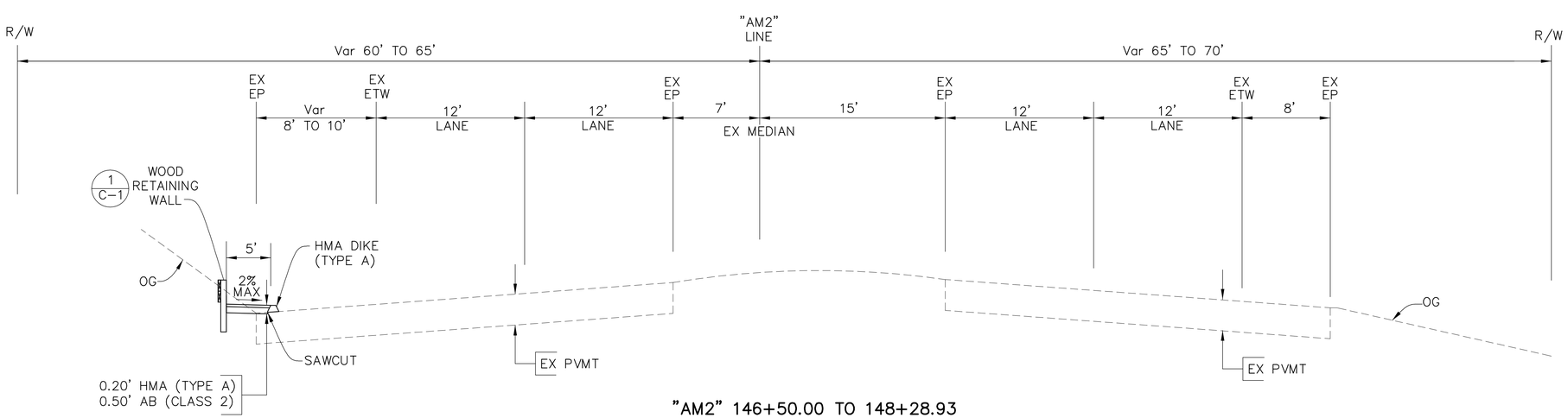



"AM2" 152+52.52 TO 153+06.76
"AM2" 151+54.38 TO 152+01.13




"AM2" 148+64.80 TO 151+54.38




"AM2" 146+50.00 TO 148+28.93

**HIGHWAY 9**

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DATE 5/21/2012

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SHEET NO. X-3

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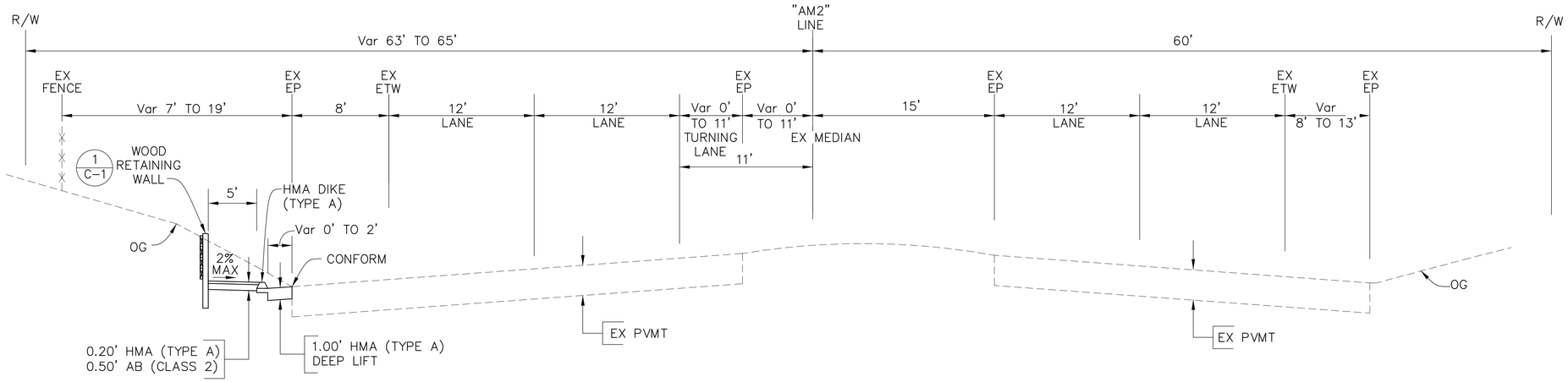
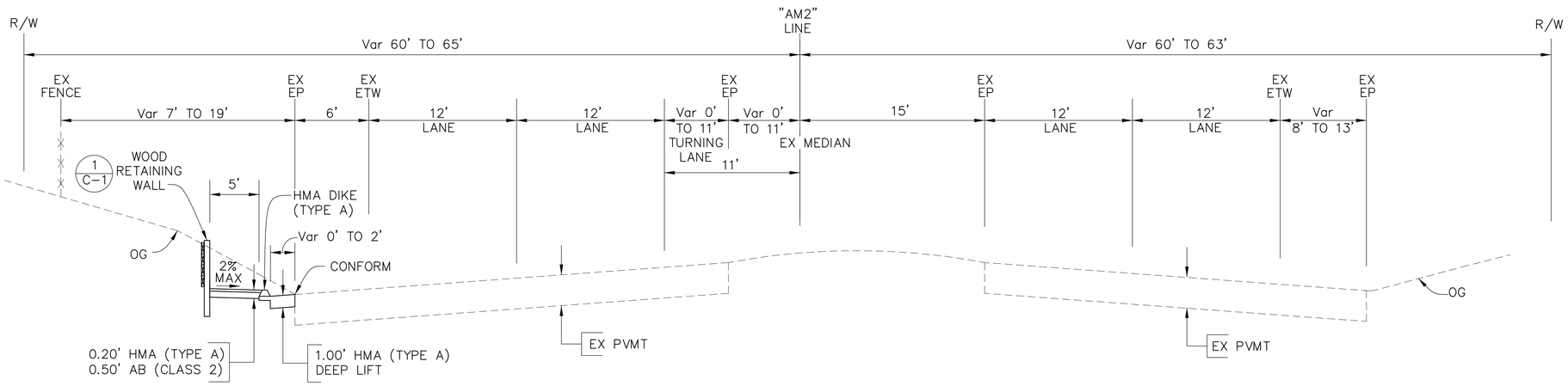
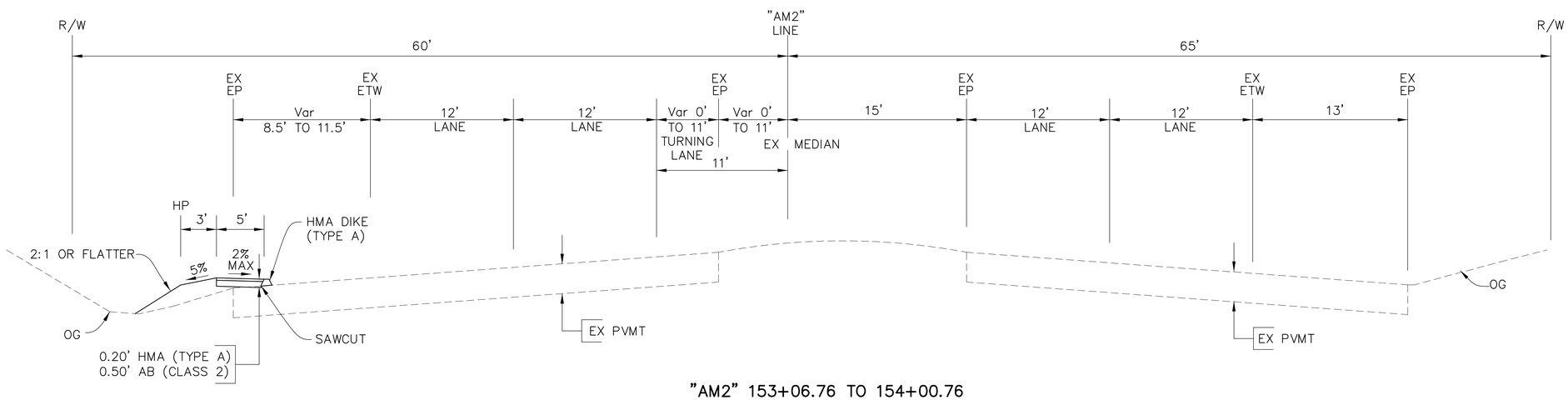



"AM2" 155+91.66 TO 157+72.12




"AM2" 154+24.49 TO 155+64.56




"AM2" 153+06.76 TO 154+00.76

**HIGHWAY 9**

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & X-1.

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DATE 5/21/2012

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SHEET NO. X-4

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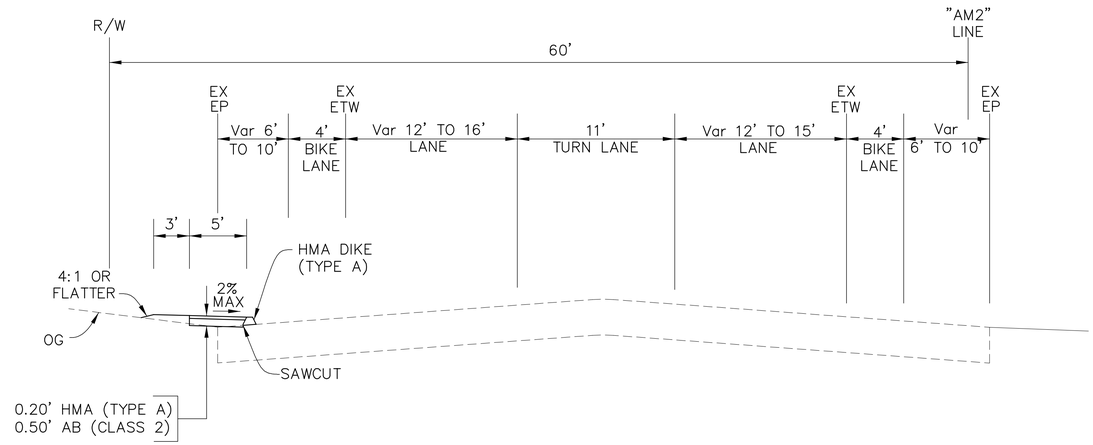
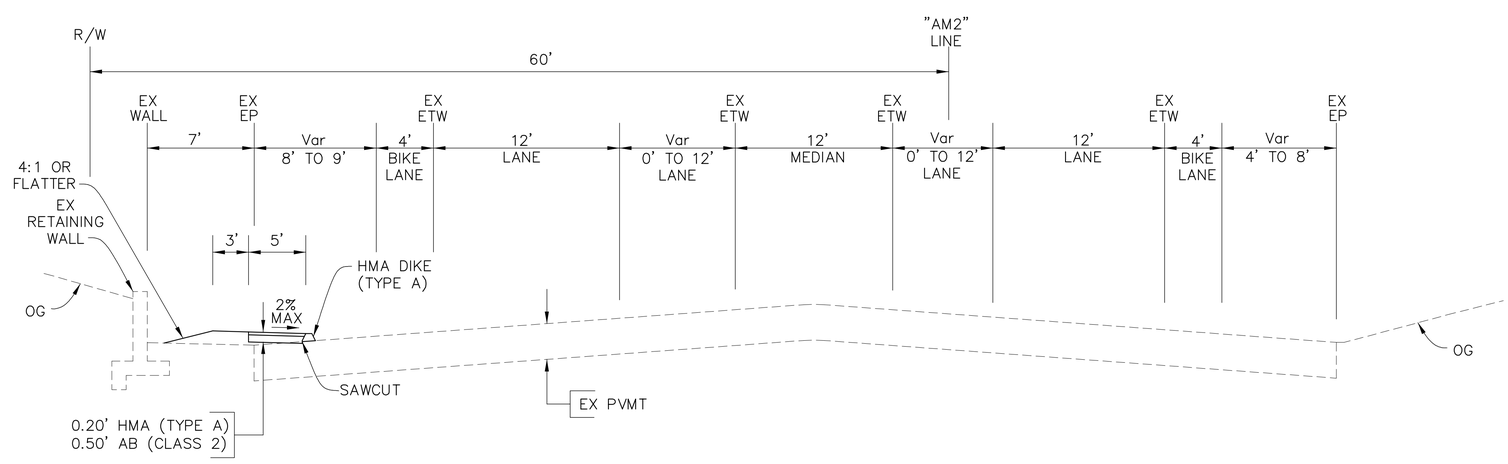



"AM2" 161+33.93 TO 163+72.76




"AM2" 158+98.13 TO 161+15.04

**HIGHWAY 9**

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & X-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Typical Sections

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DATE 5/21/2012
SCALE NO SCALE
SHEET NO. X-5

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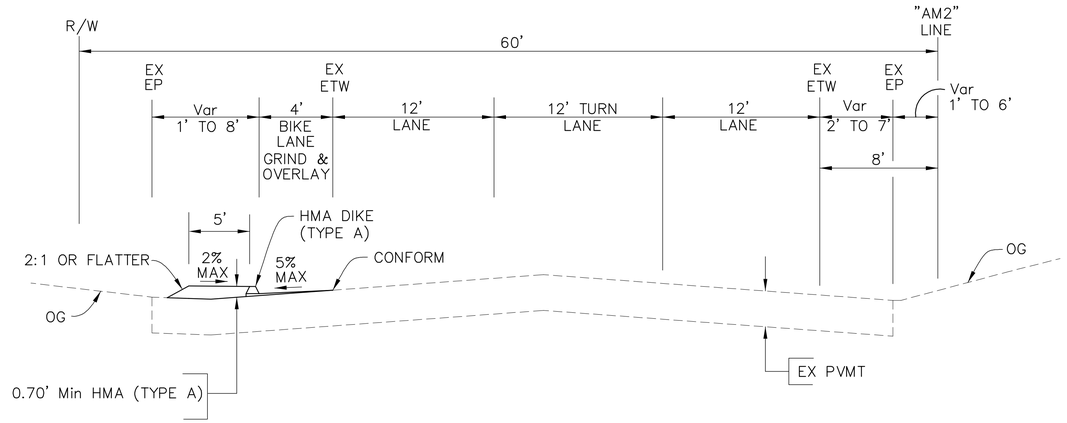
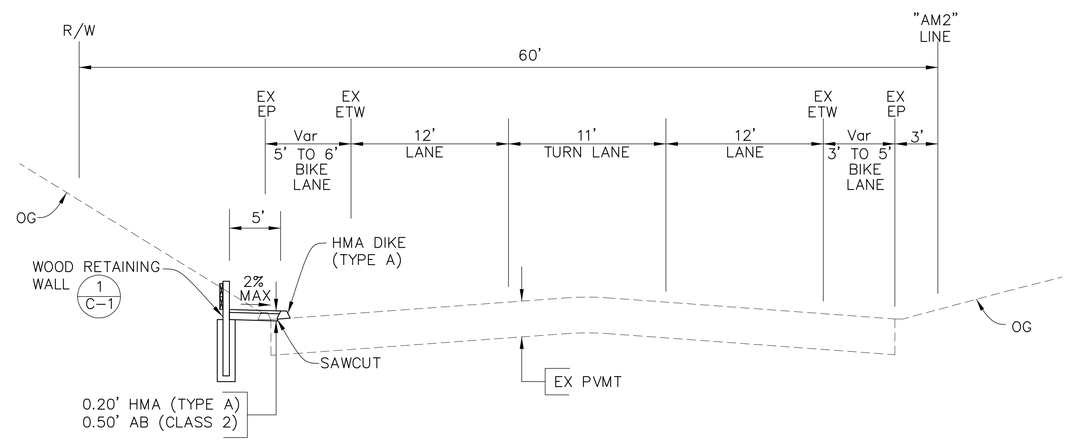
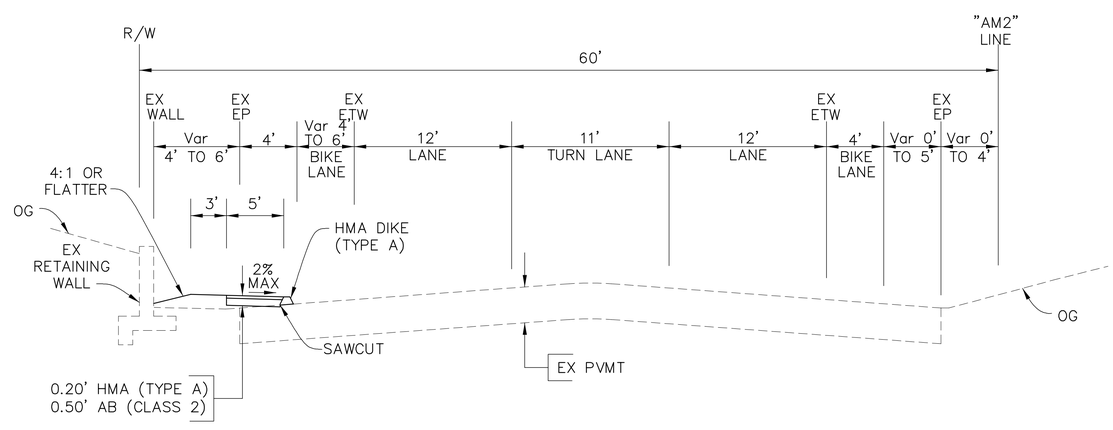



"AM2" 170+34.88 TO 178+60.09




"AM2" 167+08.88 TO 168+01.92




"AM2" 168+01.92 TO 169+96.67
"AM2" 164+30.29 TO 167+08.88
**HIGHWAY 9**

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & X-1.

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# Highway 9 Safety Improvement Project Phase 2

## Typical Sections

| NO. | BY | DATE | REVISIONS: |
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DATE 5/21/2012
SCALE NO SCALE
SHEET NO. X-6

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## NOTES:

1. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) (800) 642–2444 AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION WORK FOR ASSISTANCE IN LOCATING UNDERGROUND UTILITIES.
2. ALL KNOWN EX UNDERGROUND UTILITIES ARE SHOWN ON THE PLAN AS BEST AS CAN BE ESTABLISHED FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES AND SERVICES, EITHER MARKED IN THE FIELD OR INDICATED ON THE PLANS, WHICH ARE DAMAGED DURING DEMOLITION AT HIS OWN EXPENSE. EX IRRIGATION SYSTEM COMPONENTS ARE ALSO SUBJECT TO THIS PROVISION WHETHER SPECIFICALLY SHOWN ON THE PLANS OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF DAMAGED UTILITIES WHETHER UNMARKED IN THE FIELD OR NOT SHOWN (REF. STANDARD SPEC. SECTION 8–1.10.)
3. ALL UTILITIES THAT CALL OUT FOR ADJUSTMENT SHALL BE ADJUSTED BY CONTRACTOR UNLESS OTHERWISE NOTED.
4. CONTRACTOR SHALL REPLACE OR REPAIR, AT HIS OWN EXPENSE, ALL DAMAGED, REMOVED OR OTHERWISE DISTURBED WALLS, FENCES, CURBS, ABOVE–GRADE IMPROVEMENTS OR PHYSICAL FEATURES OF WHATEVER NATURE TO THEIR ORIGINAL CONDITIONS, WHEN SPECIFICALLY INDICATED ON THE PLANS OR SPECIFICATIONS.
5. FRAME AND COVERS SHALL BE ADJUSTED TO FINISHED GRADE FOR ALL EX UTILITY STRUCTURES AS NOTED.
6. ALL EX PAVEMENT STRIPING & MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT STRIPING & MARKINGS, SHALL BE REMOVED.
7. EXACT LOCATION AND POSITION OF ALL RELOCATED ITEMS, SHALL BE VERIFIED IN THE FIELD BY THE ENGINEER.
8. PRIOR TO CONSTRUCTION, ENGINEER AND CONTRACTOR SHALL FIELD VERIFY DEMOLITION LIMITS.

## LEGEND:

- EX TREE TO REMAIN
- EX TREE TO BE REMOVED
- REMOVE EX AC PAVEMENT
- REMOVE DECORATIVE PAVING
- REMOVE COBBLESTONE MEDIAN
- REMOVE EX AC SIDEWALK, CURB RAMP, AC DITCH
- REMOVE EX PCC PATH, PCC SIDEWALK AND HANDICAP RAMP
- 0.15' Max GRIND EX PAVEMENT

## DEMOLITION NOTES:

1. EX FIRE HYDRANT TO REMAIN (DO NOT DISTURB)
2. EX CLF TO BE REMOVED
3. EX JOINT POLE TO REMAIN (DO NOT DISTURB)
4. ADJUST EX WATER METER TO GRADE
5. EX MAIL BOX TO REMAIN (DO NOT DISTURB)
6. EX CTV BOX TO REMAIN (DO NOT DISTURB)
7. EX FENCE TO REMAIN (DO NOT DISTURB)
8. ADJUST EX WATER VALVE TO GRADE
9. EX UTILITY BOX TO REMAIN (DO NOT DISTURB)
10. EX SSMH TO REMAIN (DO NOT DISTURB)
11. RELOCATE EX MAIL BOX (SEE NOTE 7)
12. ADJUST INLET TO GRADE
13. EX CONC GUTTER TO REMAIN
14. ADJUST EX PG&E BOX TO GRADE (BY OTHERS)
15. REMOVE EX METAL POST
16. RELOCATE EX SIGN (SEE NOTE 7)
17. RELOCATE EX CALL BOX (BY OTHERS)
18. REMOVE EX AC DIKE
19. REMOVE EX HEADWALL
20. EX SIGN TO REMAIN
21. NOT USED
22. ADJUST EX SSMH TO GRADE
23. ADJUST EX UTIL MH TO GRADE (BY OTHERS)
24. REMOVE EX MBGR
25. RELOCATE EX SIGNAL WARNING POLE (SEE NOTE 7)
26. ADJUST EX CTV BOX TO GRADE (BY OTHERS)
27. EX WALL TO REMAIN (DO NOT DISTURB)
28. EX WATER VALVE TO REMAIN (DO NOT DISTURB)
29. ADJUST EX UTILITY BOX TO GRADE (BY OTHERS)
30. EX WATER METER TO REMAIN (DO NOT DISTURB)
31. EX DRAINAGE INLET TO REMAIN (DO NOT DISTURB)
32. ADJUST EX SIGNAL BOX TO GRADE
33. EX UTILITY MH TO REMAIN (DO NOT DISTURB)
34. EX SIGNAL POLE TO REMAIN (DO NOT DISTURB)
35. ADJUST EX SSCO TO GRADE
36. SAWCUT EXISTING PAVEMENT AND/OR CONCRETE TO A NEAT LINE
37. EX COLUMN TO REMAIN (DO NOT DISTURB)
38. ADJUST EX TELECOMMUNICATION BOX TO GRADE (BY OTHERS)
39. CAP EX DRAINAGE INLET
40. RELOCATE EX FIRE HYDRANT (BY OTHERS)
41. EX ROCK WALL TO REMAIN (DO NOT DISTURB)
42. RESET EX SIGN
43. ADJUST EX FIRE HYDRANT TO GRADE
44. REMOVE WOODEN FENCE
45. REMOVE CONCRETE WALL
46. RECONSTRUCT CONCRETE WALL
47. RECONSTRUCT WOOD FENCE
48. RECONSTRUCT BRICK WALL
49. RECONSTRUCT CONCRETE MAILBOX
50. RECONSTRUCT STONE WALL
51. RECONSTRUCT CHAIN LINK FENCE

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# Highway 9 Safety Improvement Project Phase 2
# Demolition Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. DEM–1

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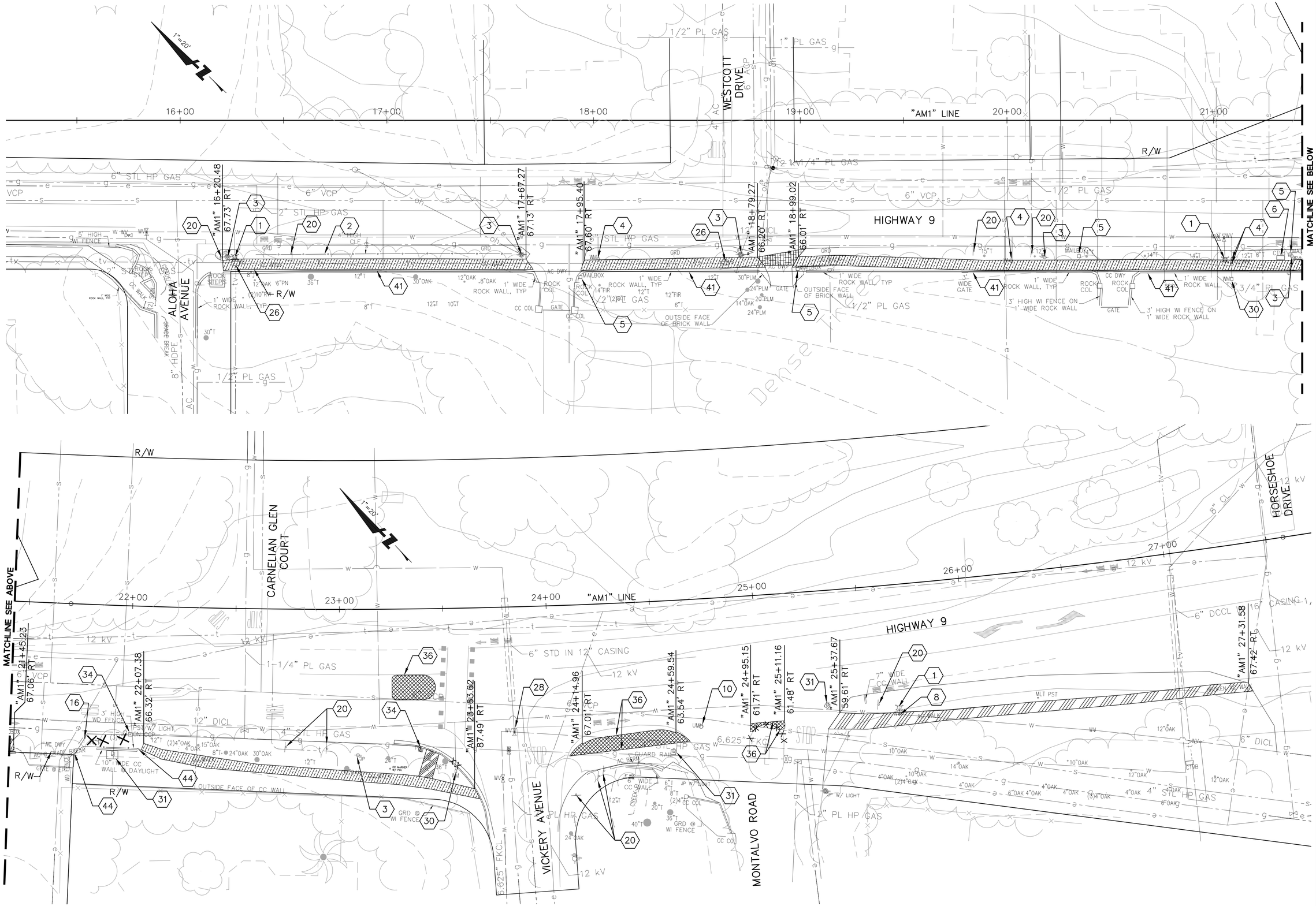


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

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# Highway 9 Safety Improvement Project Phase 2

# Demolition Plan

| NO. | BY | DATE | REVISIONS: |
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DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. DEM-2

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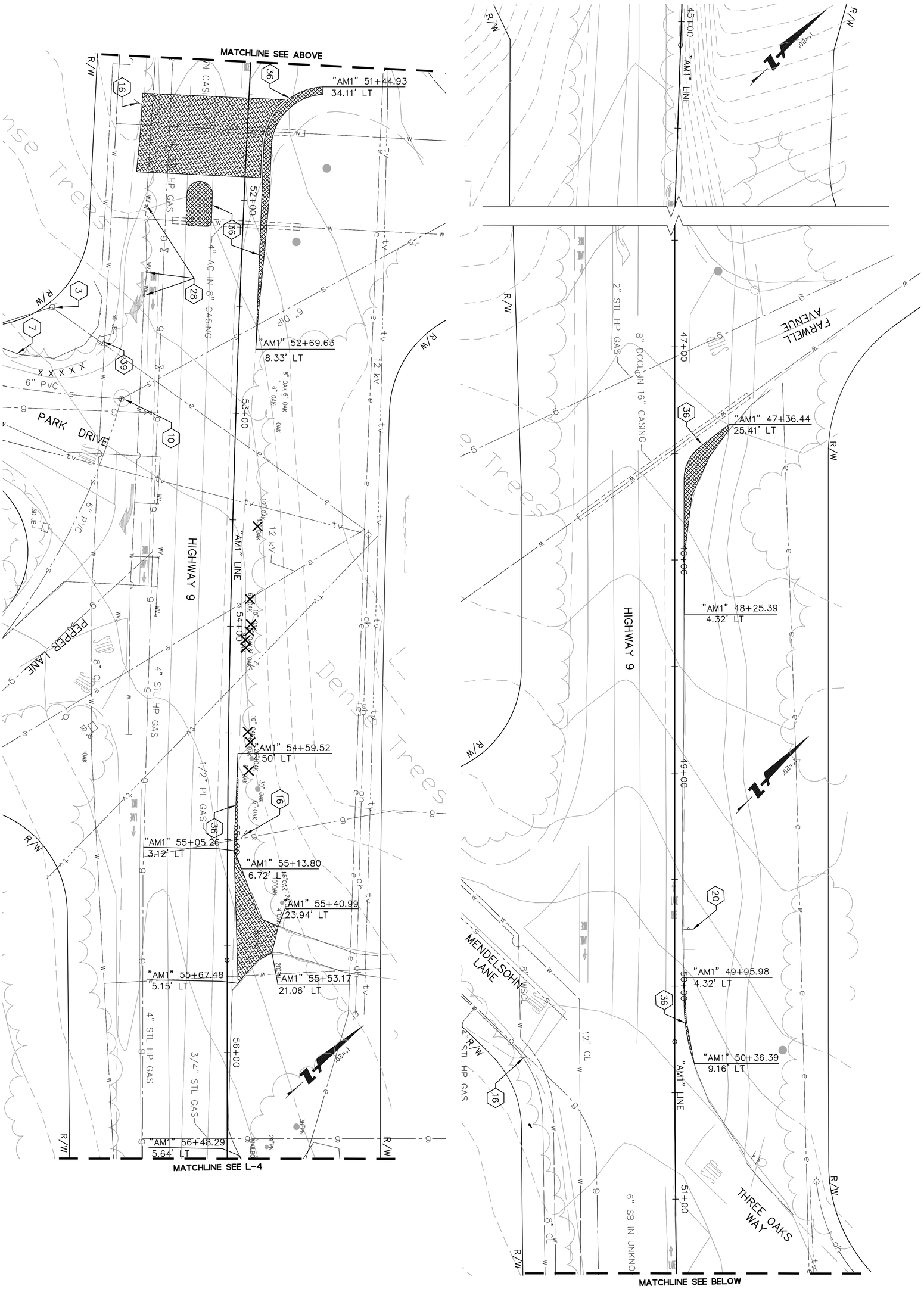


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. DEM-3

# Highway 9 Safety Improvement Project
# Phase 2

## Demolition Plan

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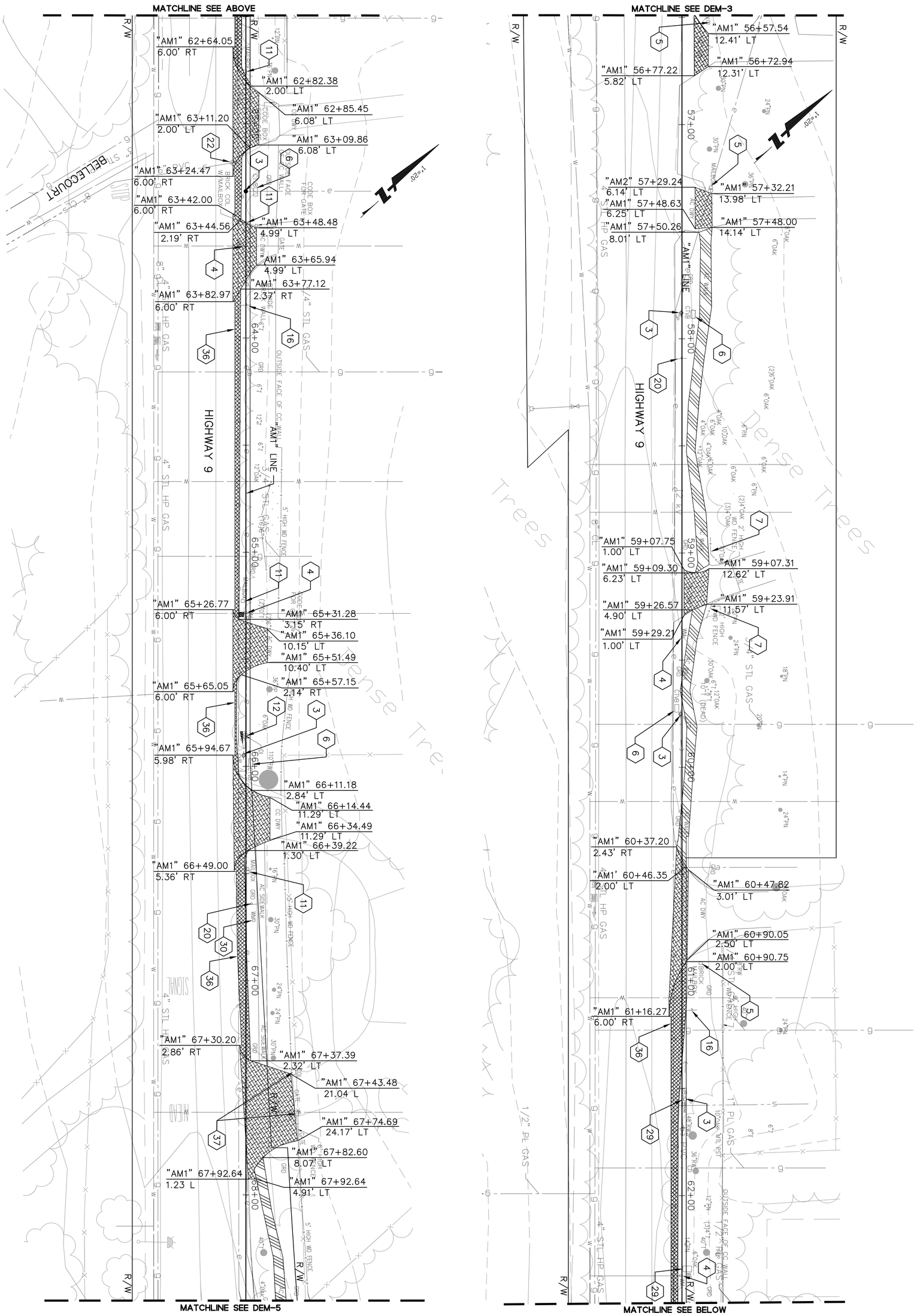


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. DEM-4

# Highway 9 Safety Improvement Project
# Phase 2

## Demolition Plan

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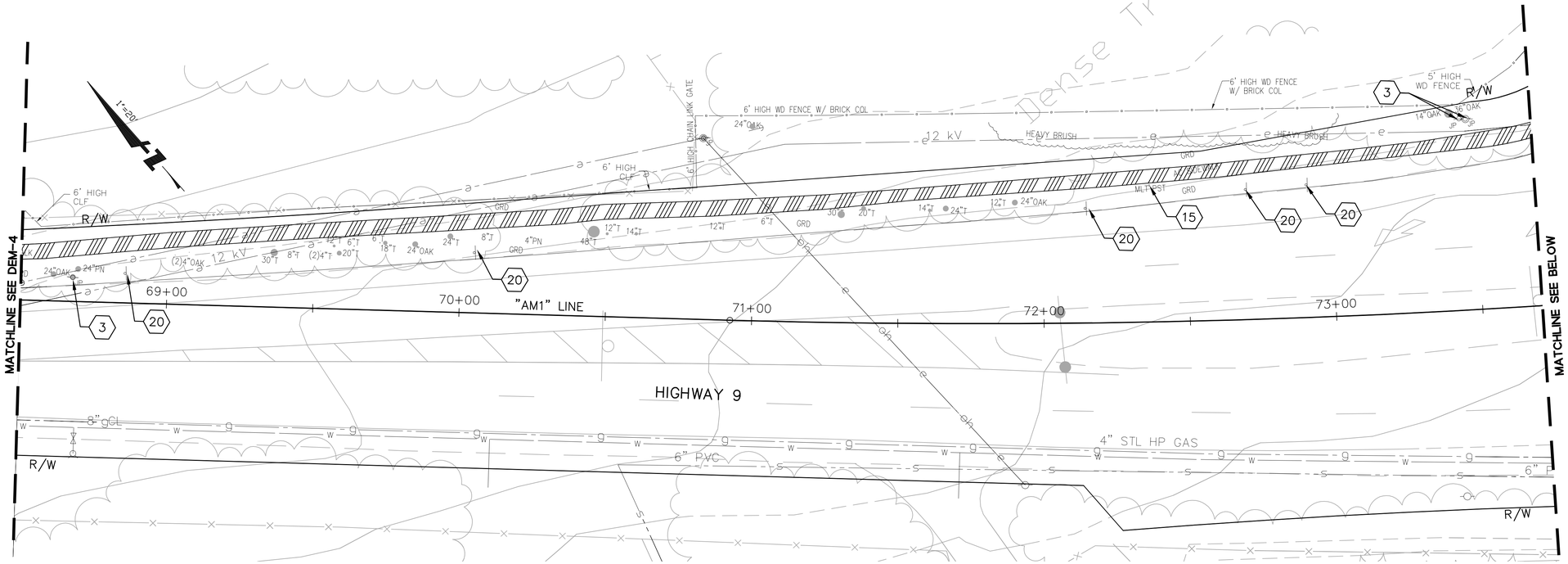


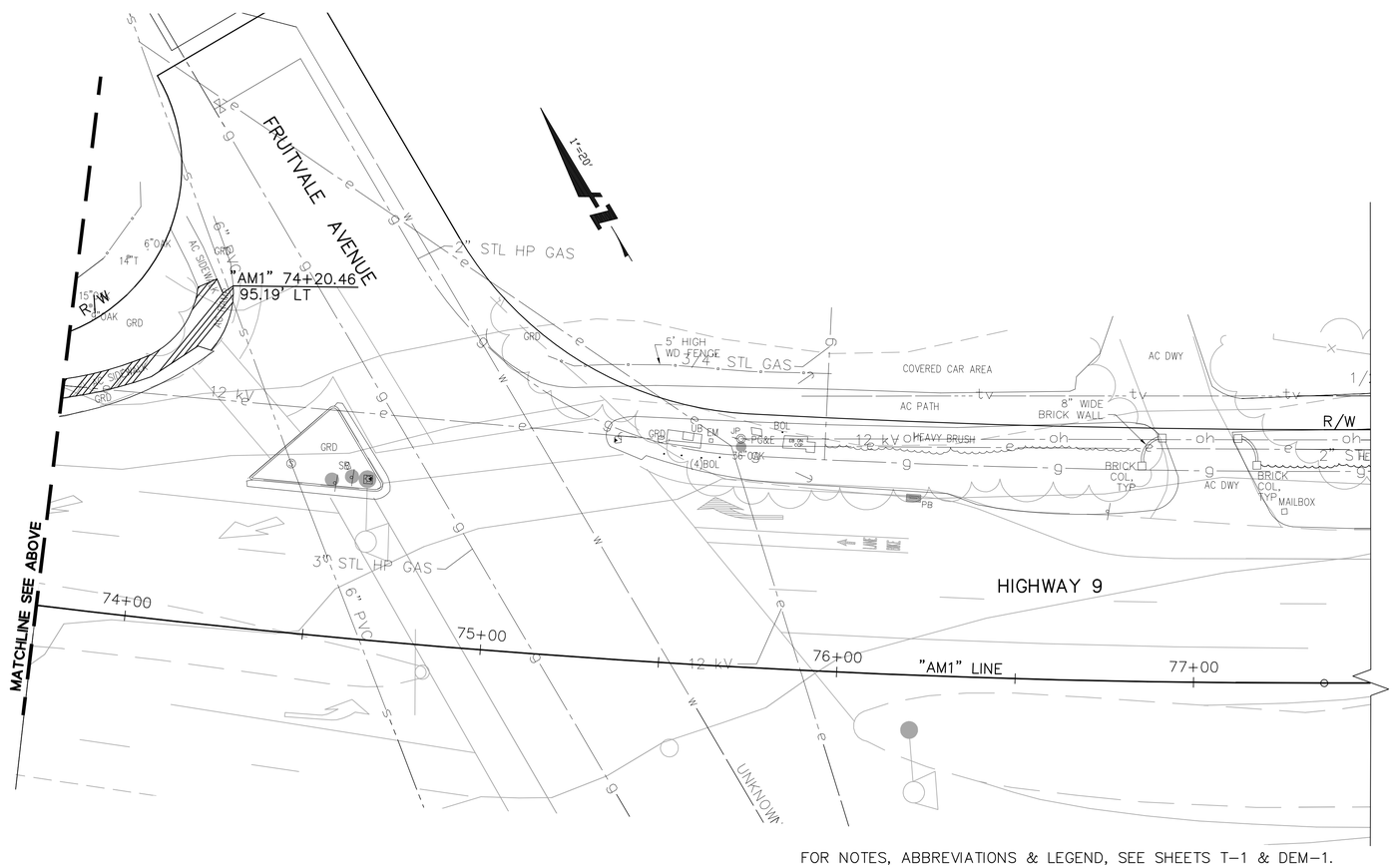


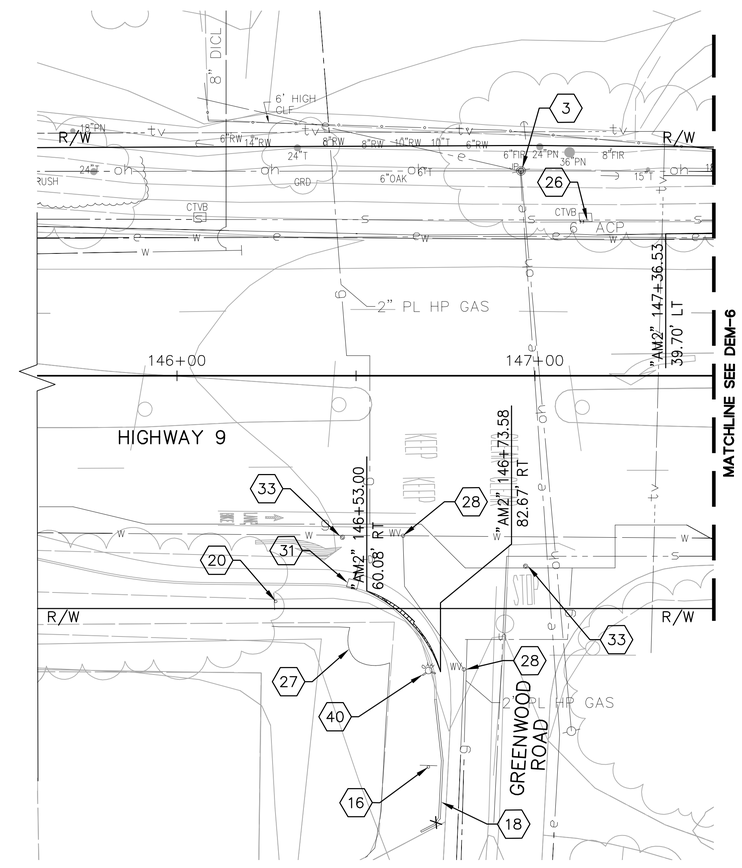


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.


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# Highway 9 Safety Improvement Project Phase 2

# Demolition Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. DEM-5

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DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

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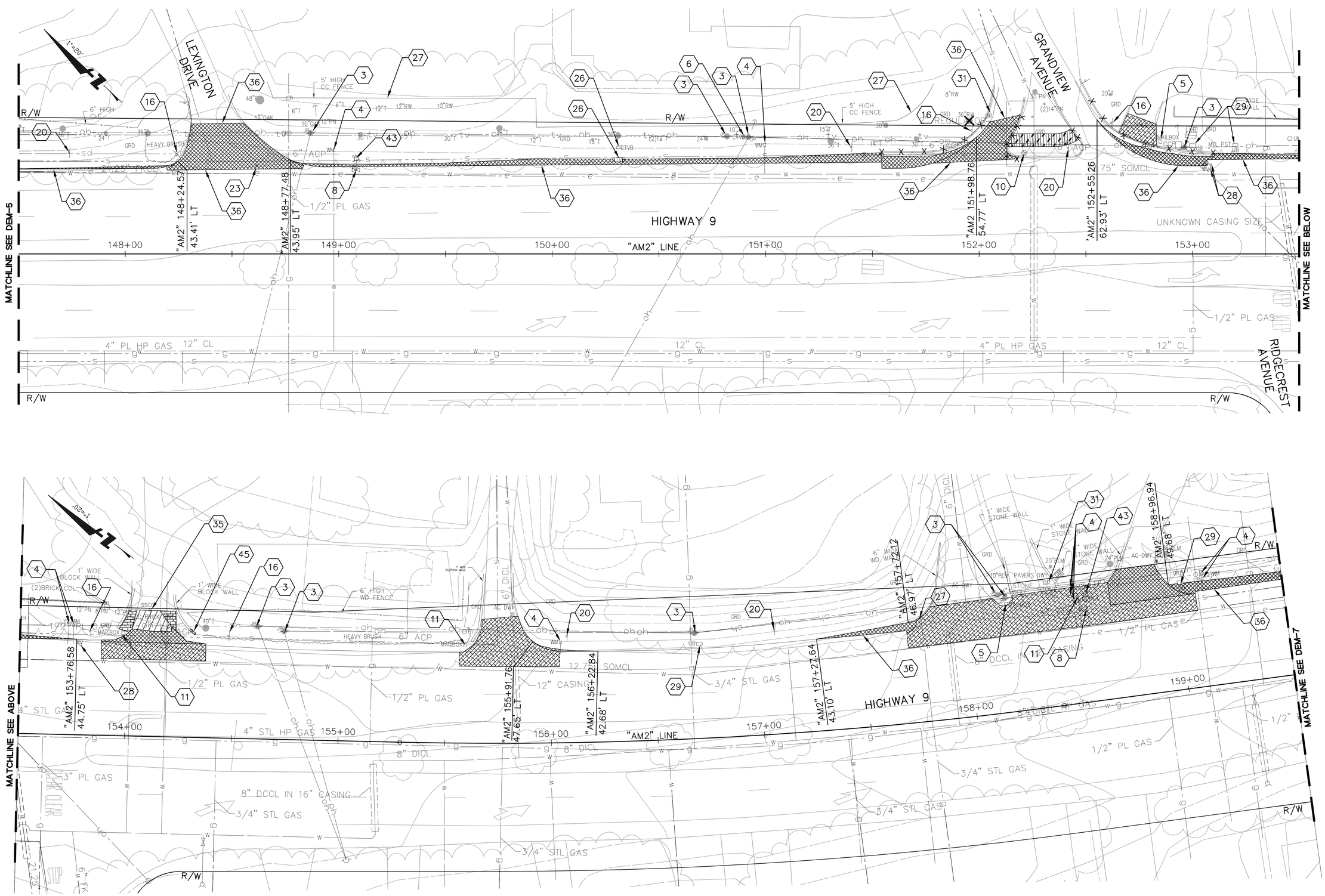


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

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# Highway 9 Safety Improvement Project Phase 2

## Demolition Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. DEM-6

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DATE: TIME: DRAWING NAME: PROJ. MGR.
SERVER: SERVICE: PLOTTING VIEW:
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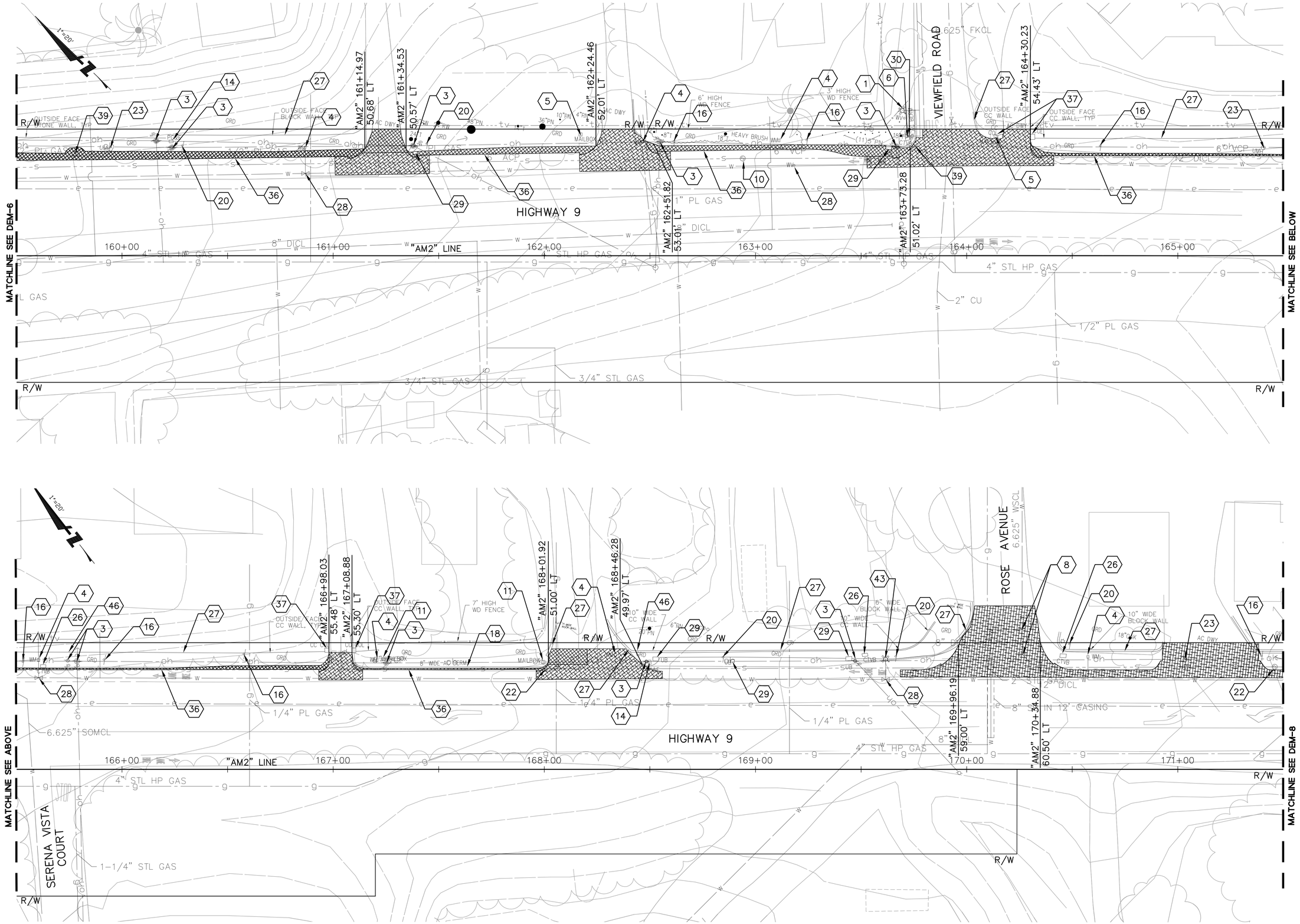


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

DATE: TIME: DRAWING NAME:
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PATH: DESIGNER:

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TOWN OF SARATOGA
CITY OF MONTE SERENO
CITY OF SARATOGA CALIFORNIA 1956

# Highway 9 Safety Improvement Project
## Phase 4
## Demolition Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE
10/17/2011

SCALE
1" = 20'

SHEET NO.
DEM-7

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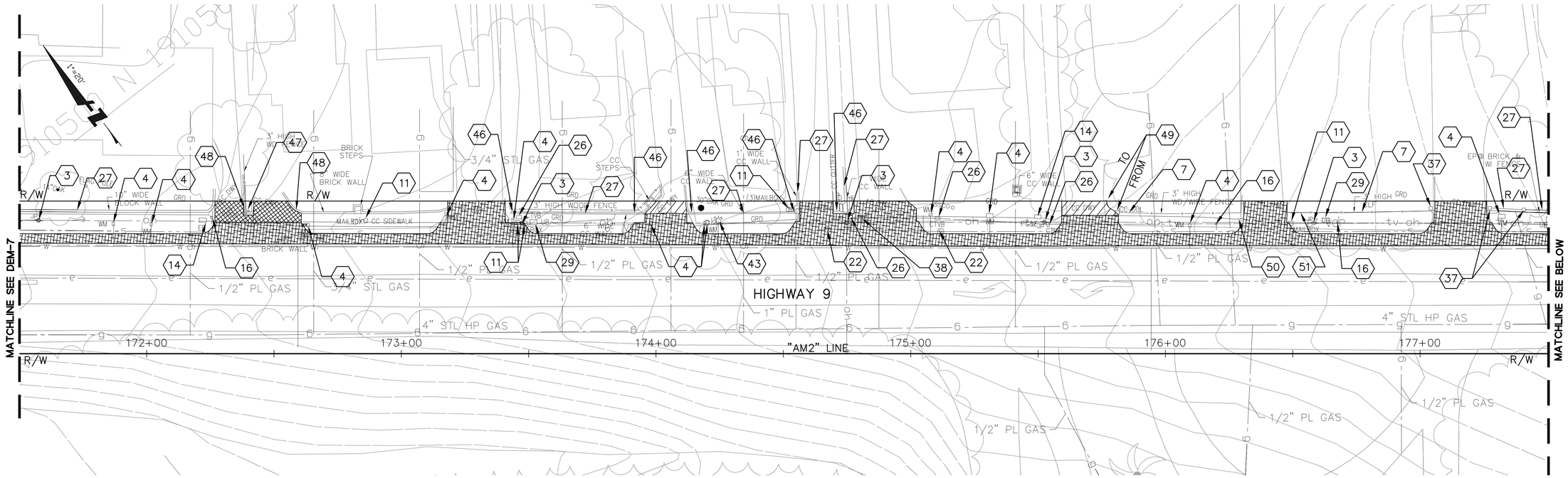


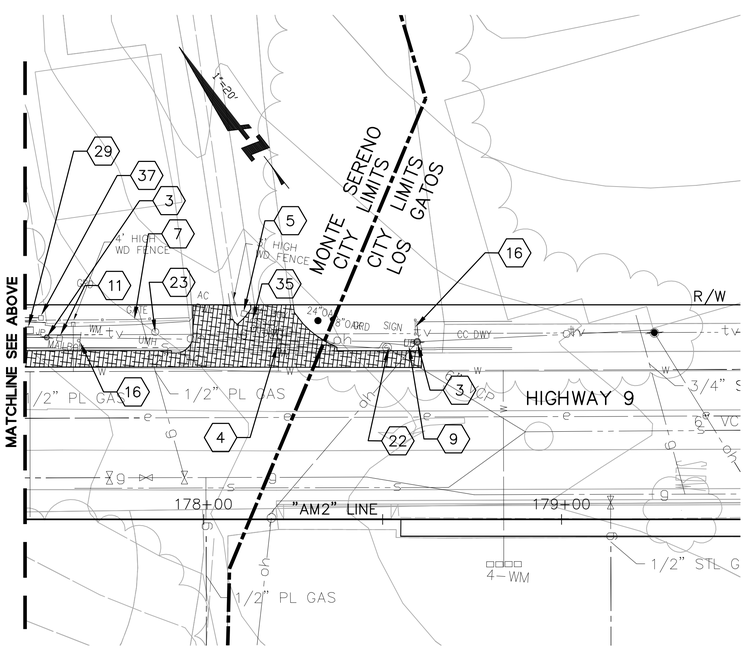


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & DEM-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Demolition Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
DEM-8

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SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Demo\DEM-8.dwg 23 May 2012 9:28:12am ASHU

## NOTES:

1. LINE/CURVE TABLE INFORMATION REFERS TO FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. FOR TYPICAL SECTIONS, SEE SHEET X-1 THRU X-6.
3. FOR SAWCUT LIMITS AND CONFORMS, CONTRACTOR TO VERIFY LOCATIONS WITH ENGINEER PRIOR TO CONSTRUCTION.
4. FOR CURB RAMP DETAILS, SEE CONSTRUCTION DETAILS AND GRADING SHEETS.
5. CONSTRUCT CURB (TYPE A1-6), C&G (TYPE A2-6) PER CALTRANS STD PLAN A87A.
6. CONSTRUCT HMA DIKE (TYPE A) PER CALTRANS STD PLAN A87B.
7. CONSTRUCT HMA DIKE (TYPE B) PER DETAIL 6/C-1
8. FOR EXISTING UTILITY INFORMATION, SEE DEMOLITION PLANS.
9. CONSTRUCT FENCE (TYPE CL-4), PER CALTRANS STD PLAN A85.
10. FOR VERTICAL CURB DETAIL, SEE C-3.
11. FOR SOLAR POWERED RADAR SPEED SIGN AND SOLAR POWERED PEDESTRIAN LIGHTING, SEE ELECTRICAL SHEETS.
12. FOR DRAINAGE PLAN AND PROFILE, SEE C-8.
13. FOR DETECTABLE WARNING SURFACE DETAILS, SEE C-3.
14. FOR SANITARY SEWER DETAILS, SEE C-12.
15. FOR REMOVABLE BOLLARD DETAILS, SEE C-13.

## LEGEND:

- HMA PATH [0.20' HMA (TYPE A), 0.50' AB (CI 2)]
- HMA OVERLAY [0.15' TO 0.50' HMA (TYPE A)]
- DEEP LIFT [1.00' HMA (TYPE A)]
- ROADWAY PVMT [0.25' HMA (TYPE A), 0.75' AB (CI 2)]
- DRIVEWAY PVMT [0.50' HMA (TYPE A), 0.35' AB (CI 2)]
- COBBLESTONE MEDIAN
- CURB RAMP
- C1 — CURVE NUMBER
- INSTALL SIGN (DESIGNATION PER LATEST MUTCD EDITION – CALIFORNIA CODE) EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
- EXISTING SIGN
- No. — STRIPING DETAIL NUMBER
- 1/C-7 — DETAIL NUMBER DESIGNATION (DETAIL 1 ON SHEET C-7)
- CONFORM
- SAWCUT
- DETECTABLE WARNING SURFACE (SEE NOTE 13)


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# Highway 9 Safety Improvement Project
## Phase 2
## Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. L-1


DATE: TIME: DRAWING NAME: PROJ. MGR.
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER:
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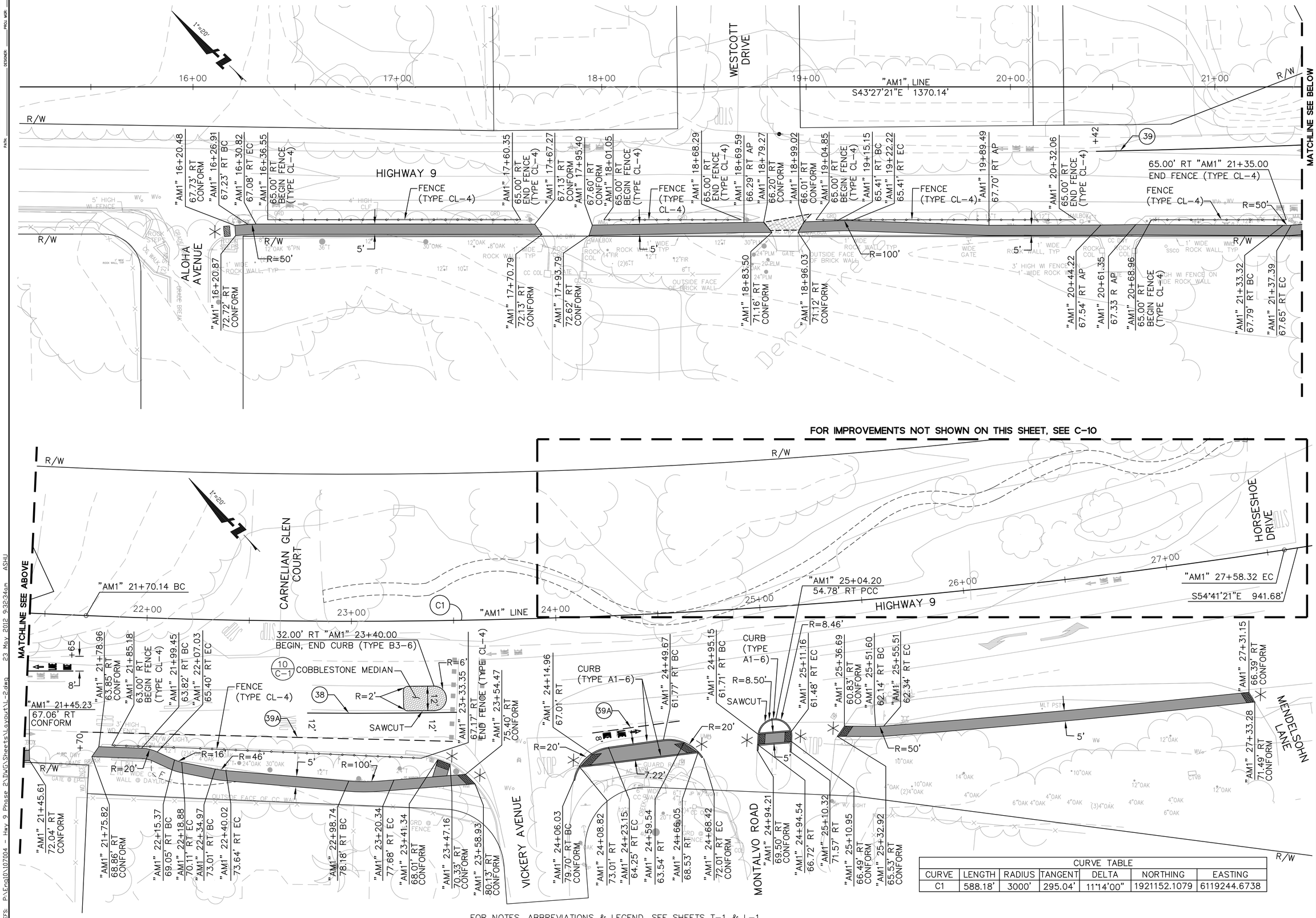


| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | NORTHING | EASTING |
| C1 | 588.18' | 3000' | 295.04' | 11°14'00" | 1921152.1079 | 6119244.6738 |


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# Highway 9 Safety Improvement Project Phase 2

## Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. L-2

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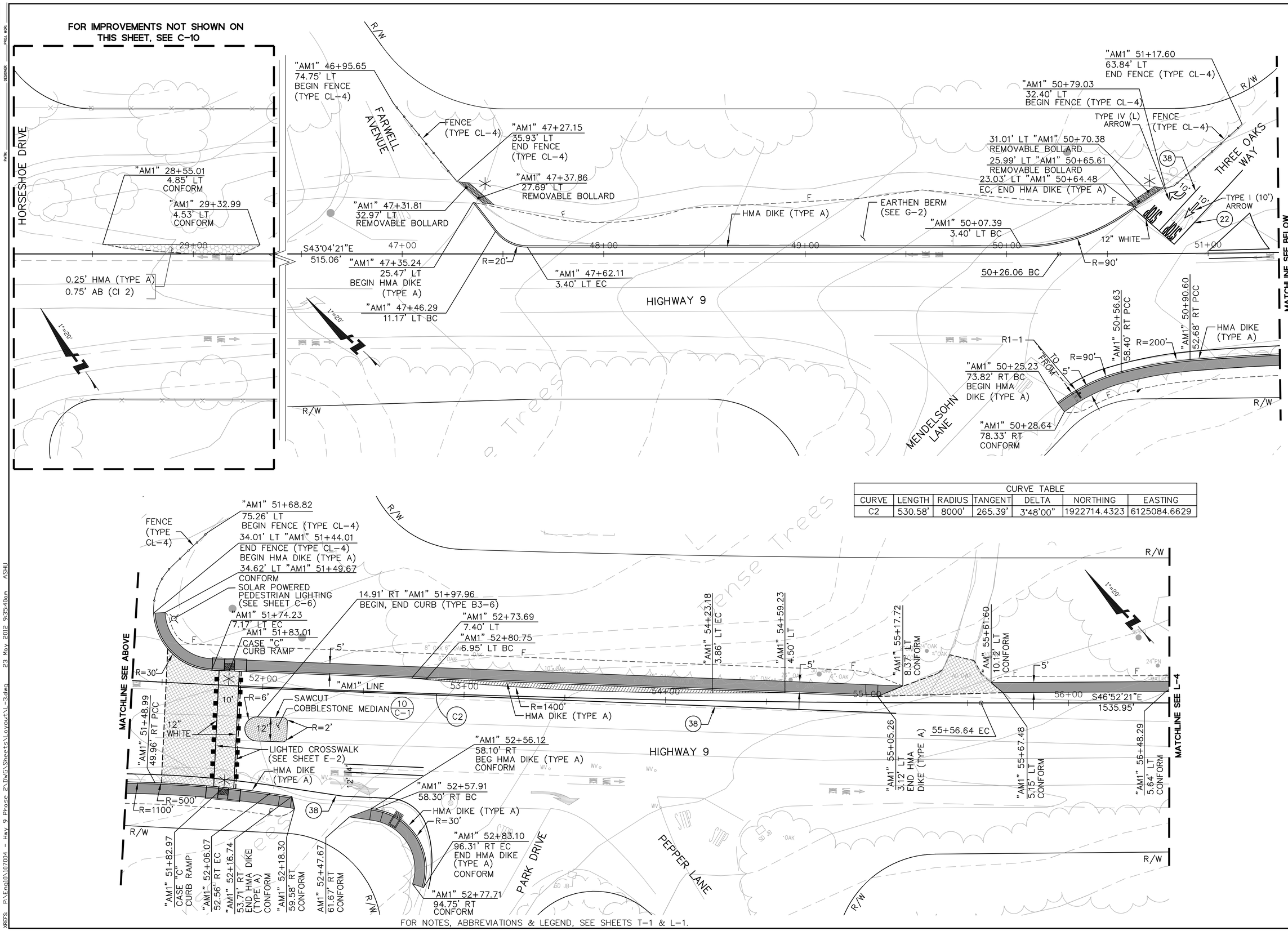


| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | NORTHING | EASTING |
| C2 | 530.58' | 8000' | 265.39' | 3°48'00" | 1922714.4323 | 6125084.6629 |

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

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# Highway 9 Safety Improvement Project Phase 2 Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. L-3

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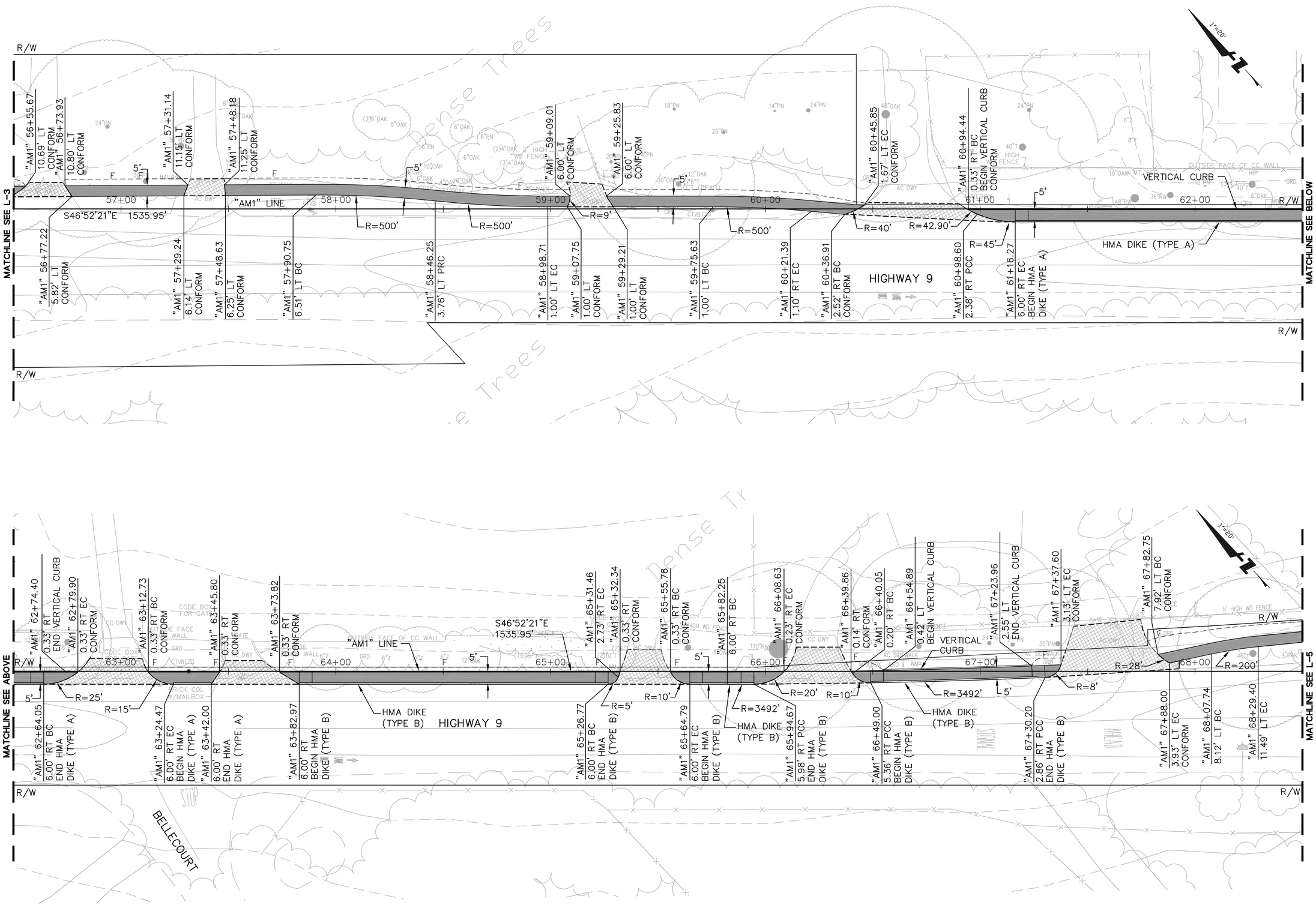


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

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# Highway 9 Safety Improvement Project Phase 2

## Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
L-4

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DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

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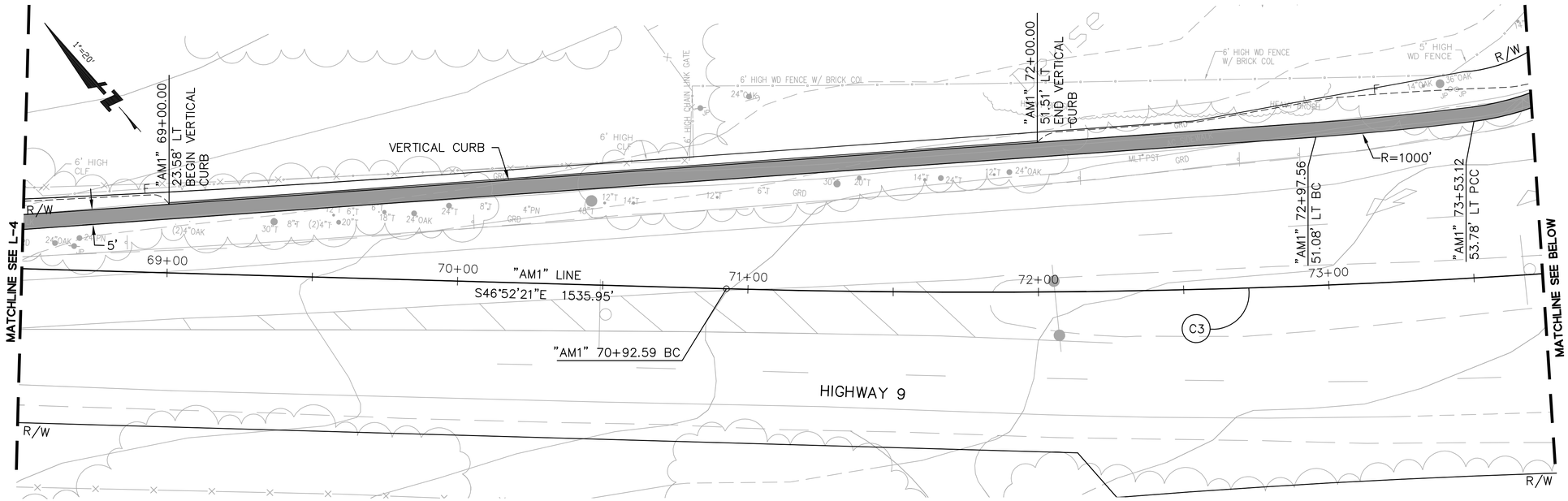
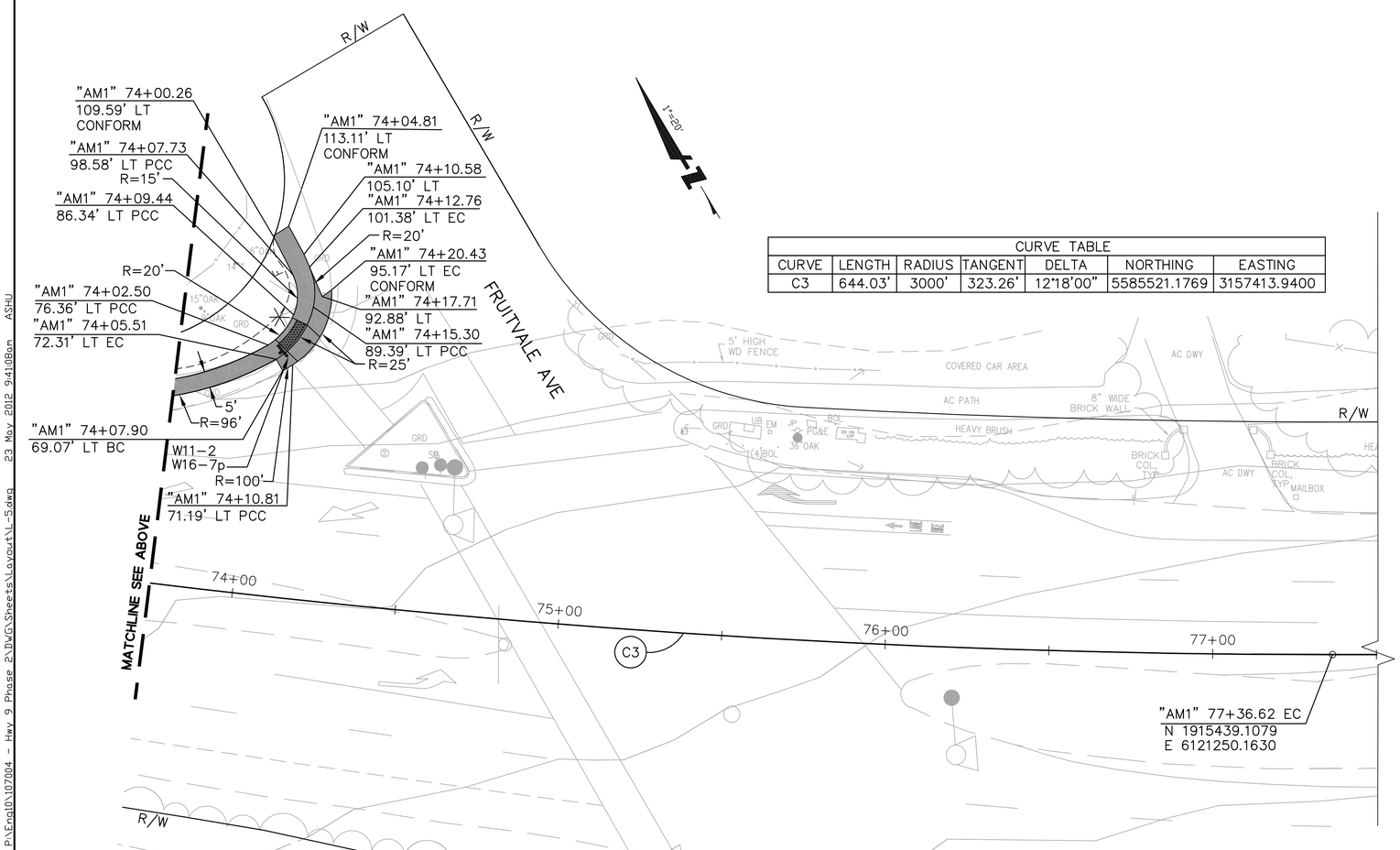
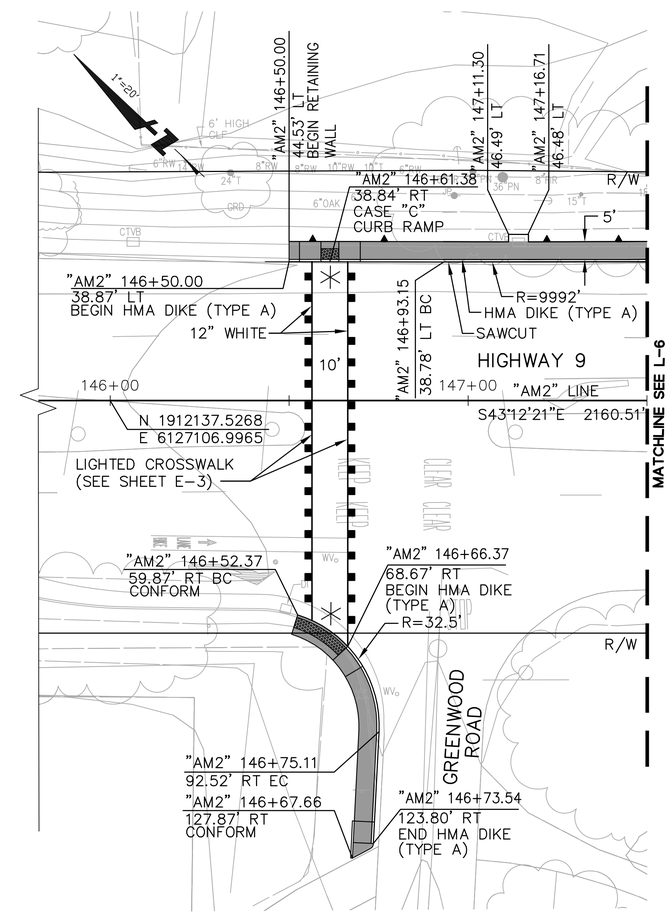



| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | NORTHING | EASTING |
| C3 | 644.03' | 3000' | 323.26' | 12°18'00" | 5585521.1769 | 3157413.9400 |




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. L-5

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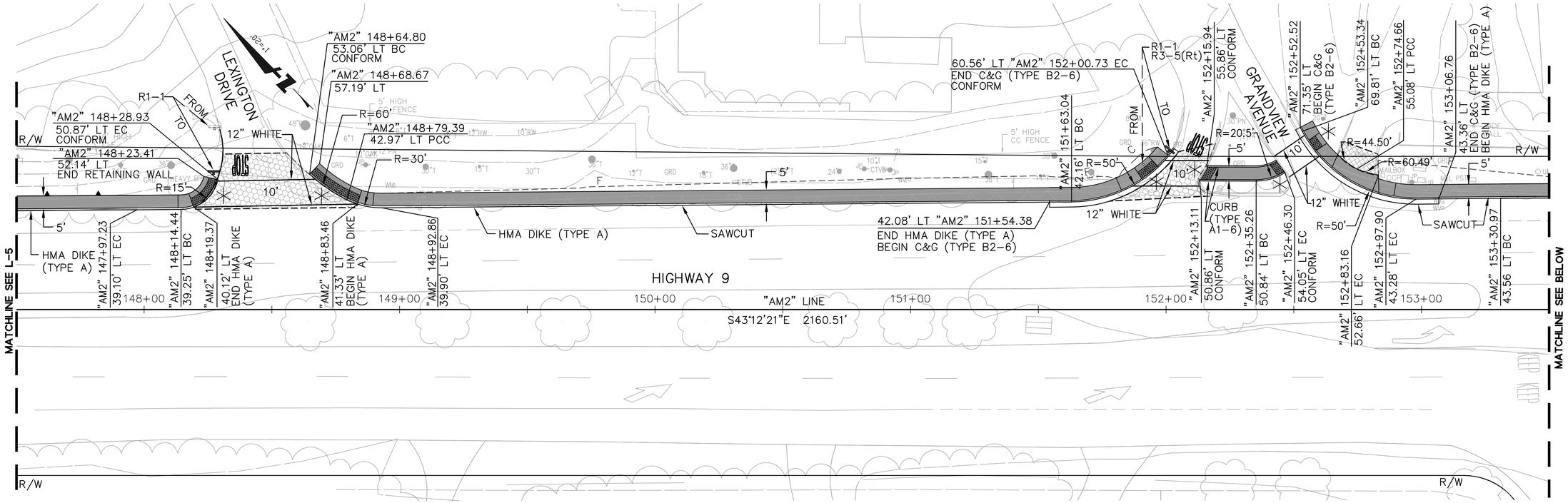
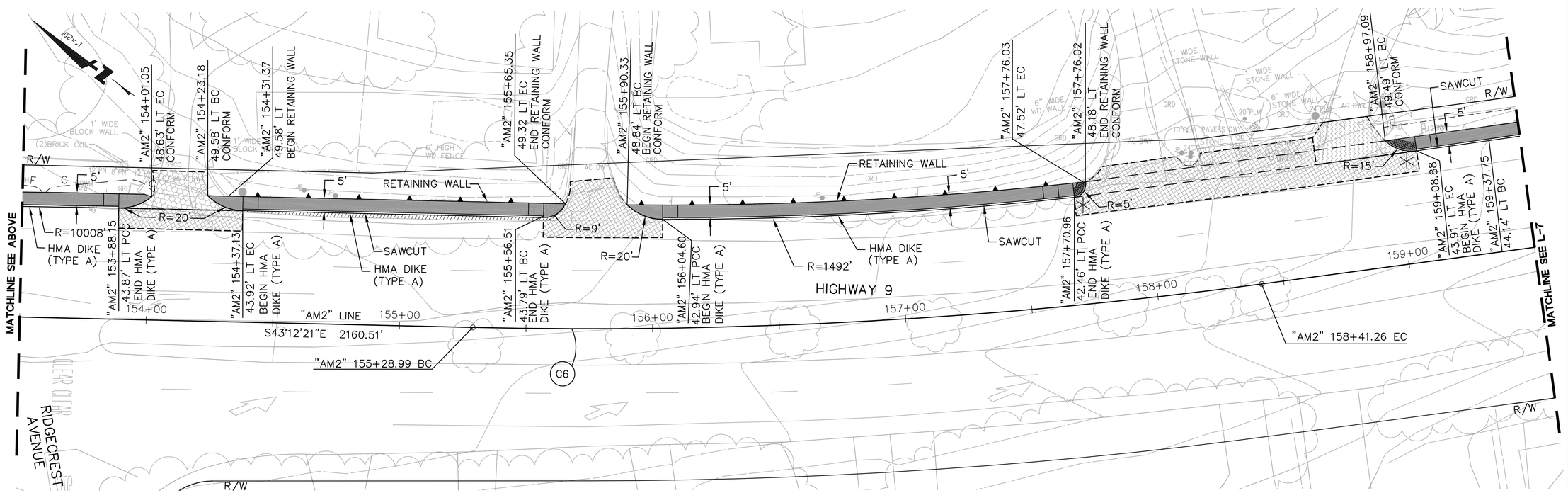



| CURVE TABLE | | | | | | |
|---|---|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA | NORTHING | EASTING |
| C6 | 312.27' | 2000' | 156.45' | 8°56'45" | 1912829.6281 | 6129200.8013 |




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

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# Highway 9 Safety Improvement Project Phase 2

## Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. L-6

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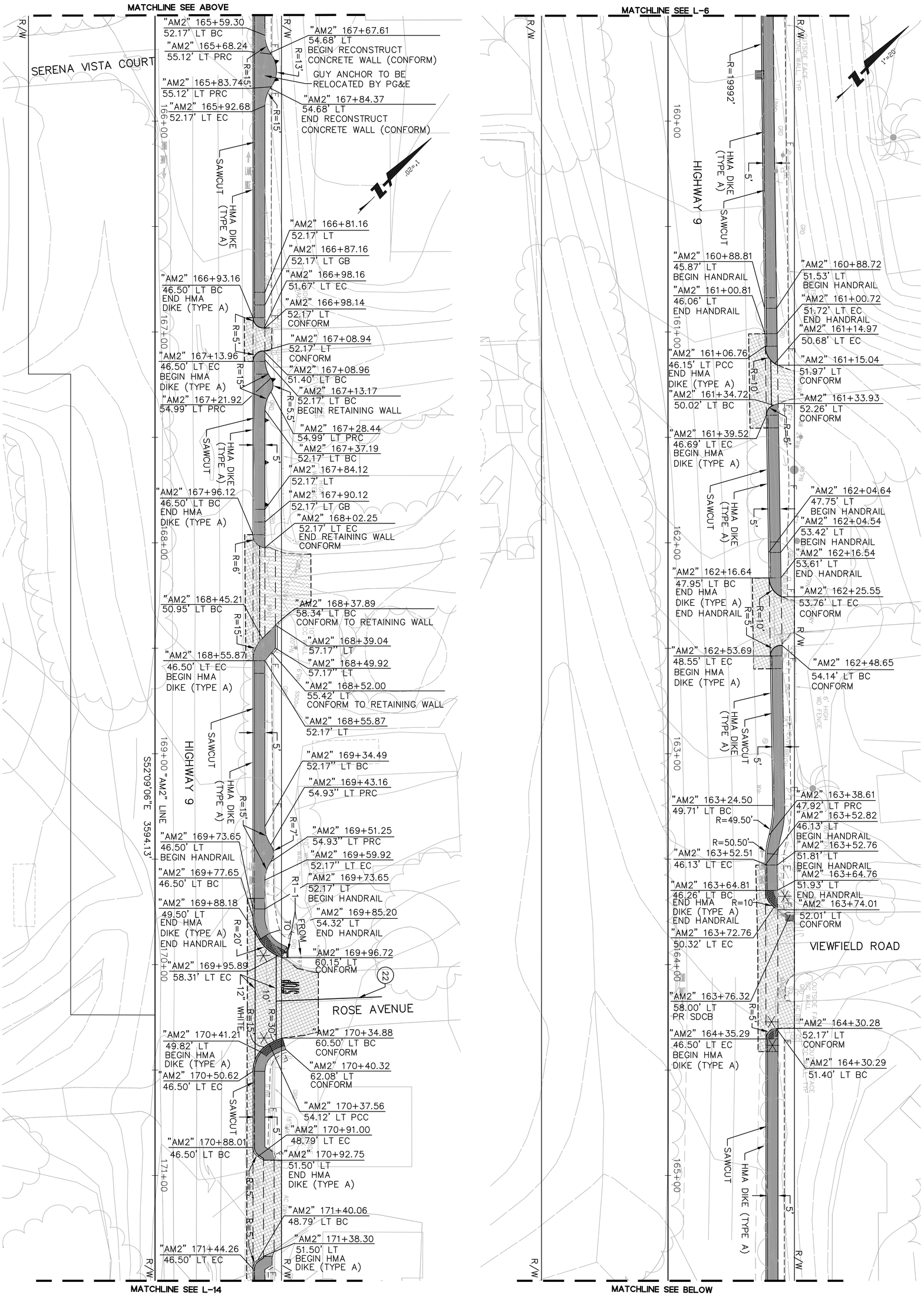


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. L-7

# Highway 9 Safety Improvement Project
# Phase 2
# Layout

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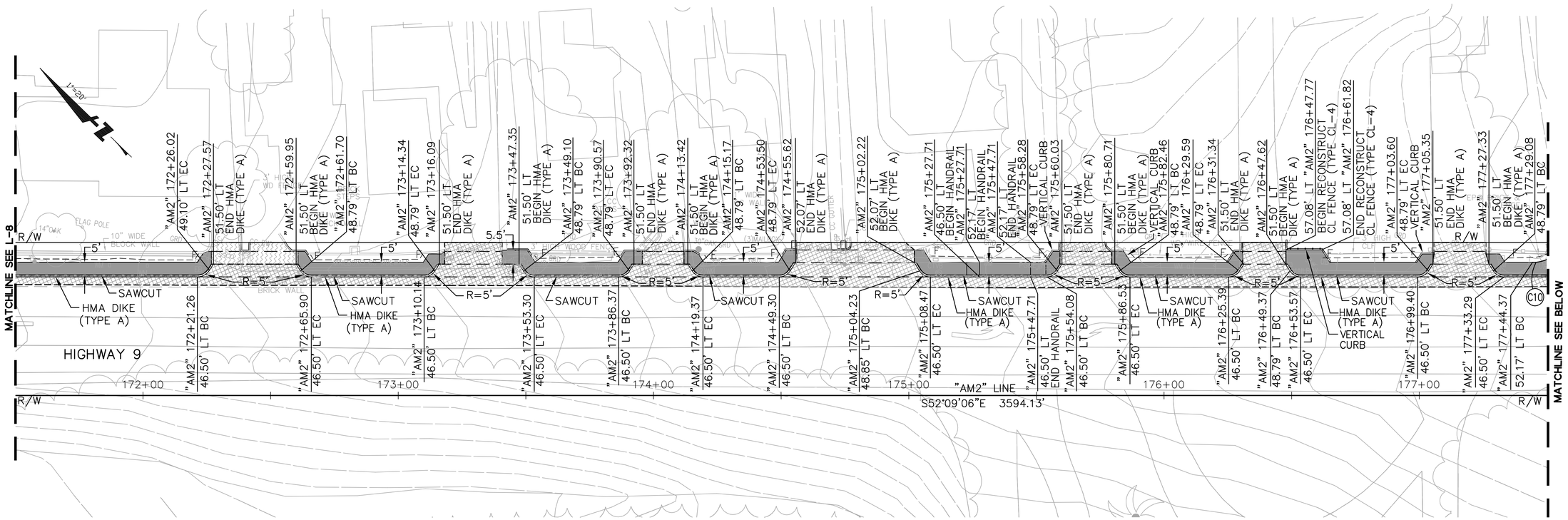


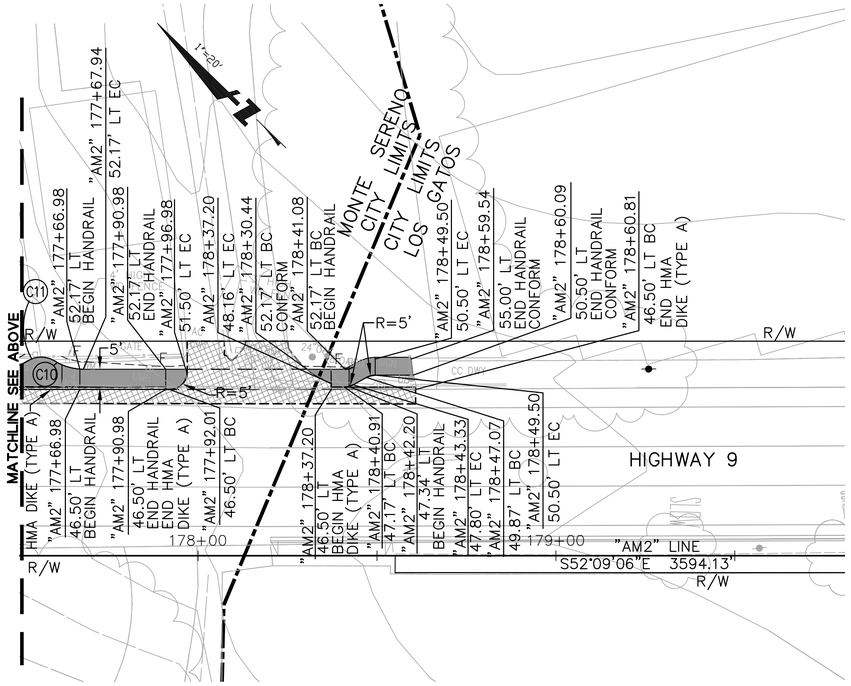


| CURVE TABLE | | | | |
|---|---|---|---|---|
| CURVE | LENGTH | RADIUS | TANGENT | DELTA |
| C10 | 8.48' | 15' | 4.36' | 32°23'44" |
| C11 | 7.92' | 7' | 4.44' | 64°47'28" |

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & L-1.

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# Highway 9 Safety Improvement Project Phase 2 Layout

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. L-8

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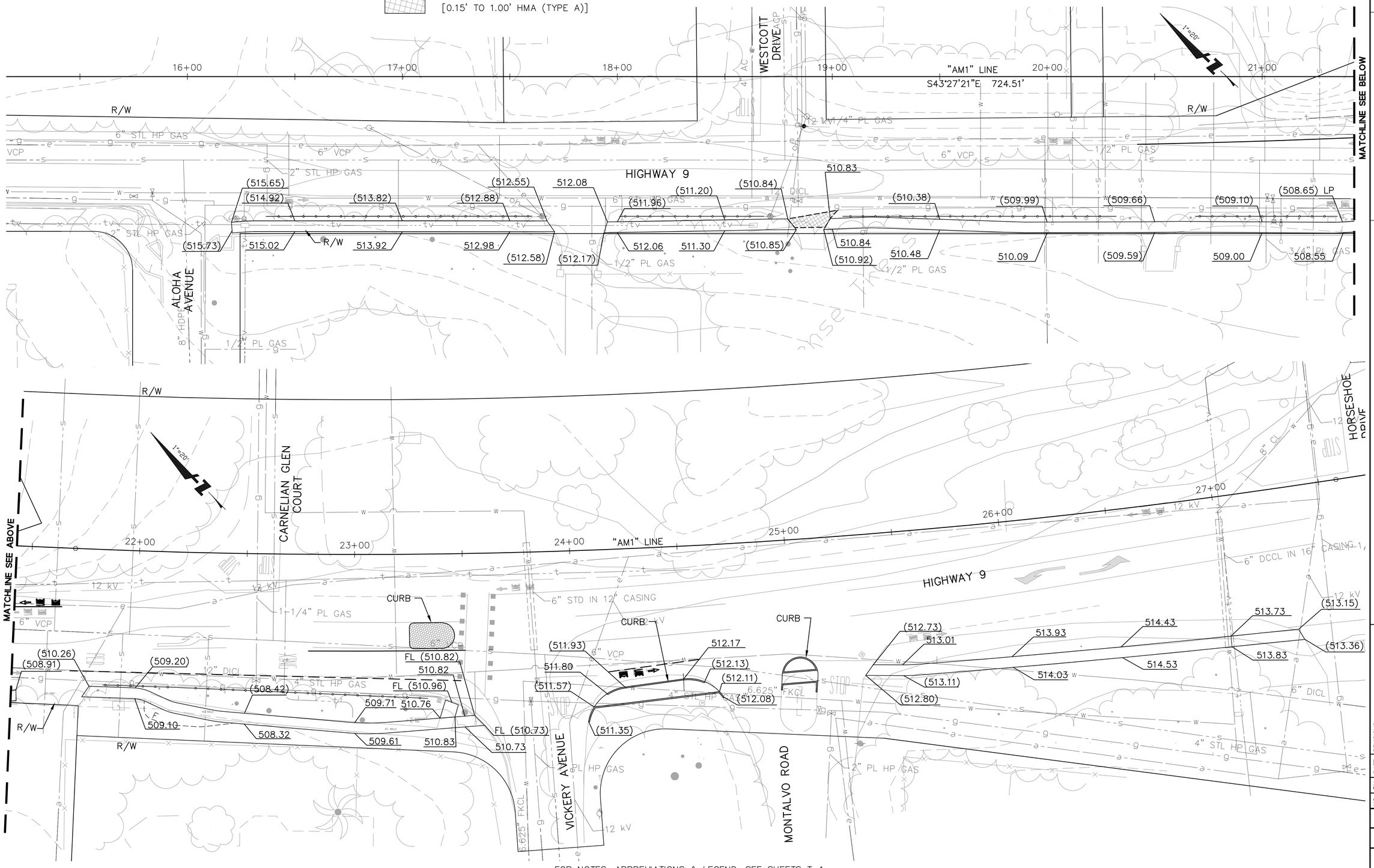
XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Layout\L-8.dwg 23 May 2012 9:52:26am ASHU

NOTES:

1. FOR STATION OFFSET, AND CURVE OFFSET INFORMATION NOT PROVIDED ON THIS SHEET, REFER TO LAYOUT SHEETS.
2. ALL TC AND TD ELEVATIONS ARE REFERENCED TO THE TOP OF CURB OR TOP OF DIKE.
3. FOR DRIVEWAY DETAILS NOT SHOWN, INCLUDING CONFORM ELEVATION, SEE C-4 TO C-7.

LEGEND:

(490.77) CONFORM ELEVATION
490.00 PROPOSED ELEVATION
GRADE BREAK
CONFORM
HMA OVERLAY [0.15' TO 1.00' HMA (TYPE A)]
ROADWAY PVMT [0.25' HMA (TYPE A), 0.75' AB (CI 2)]
DEEP LIFT [1.00' HMA (TYPE A)]
DRIVEWAY PVMT [0.50' HMA (TYPE A), 0.35' AB (CI 2)]
COBBLESTONE MEDIAN




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1.

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# Highway 9 Safety Improvement Project Phase 2

## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. G-1

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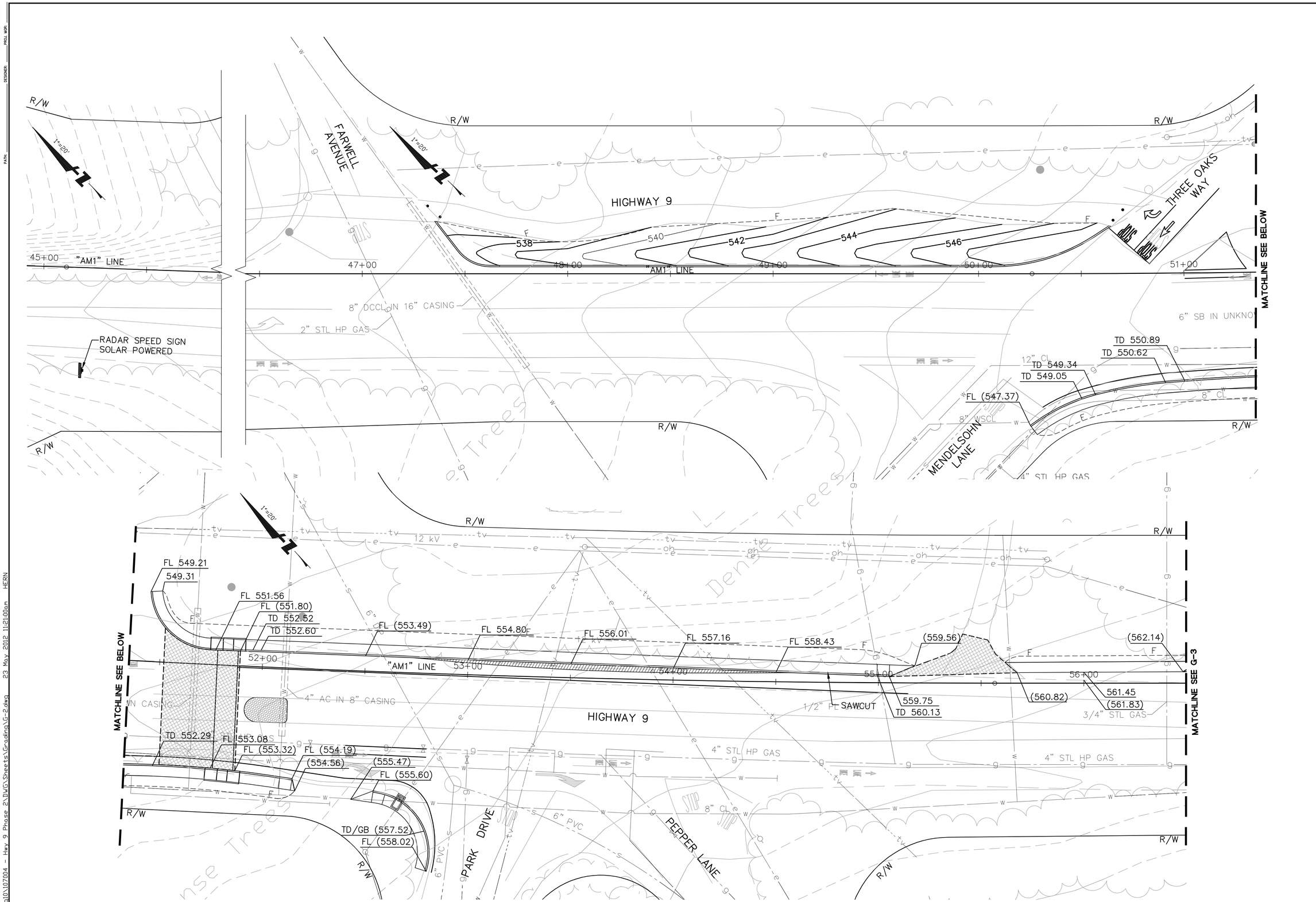


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. G-2

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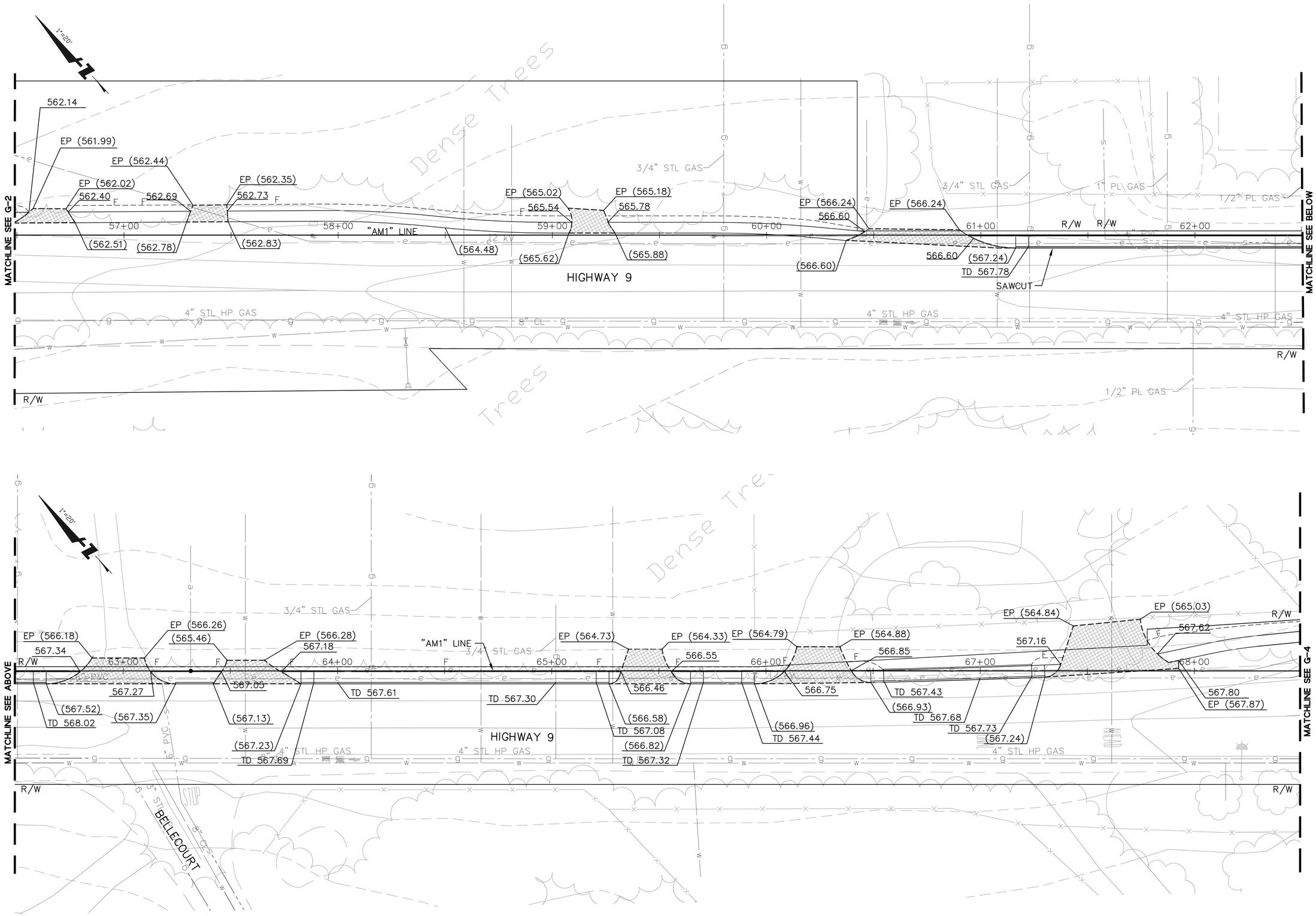


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

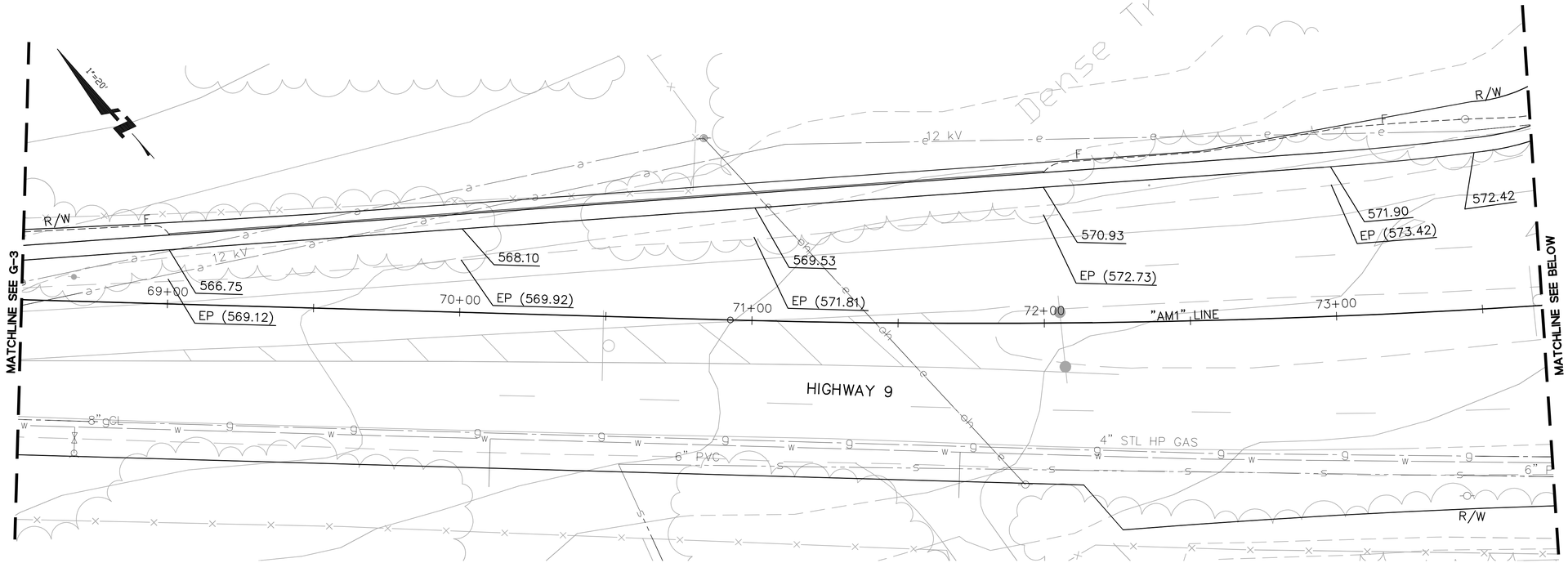
SCALE
1" = 20'

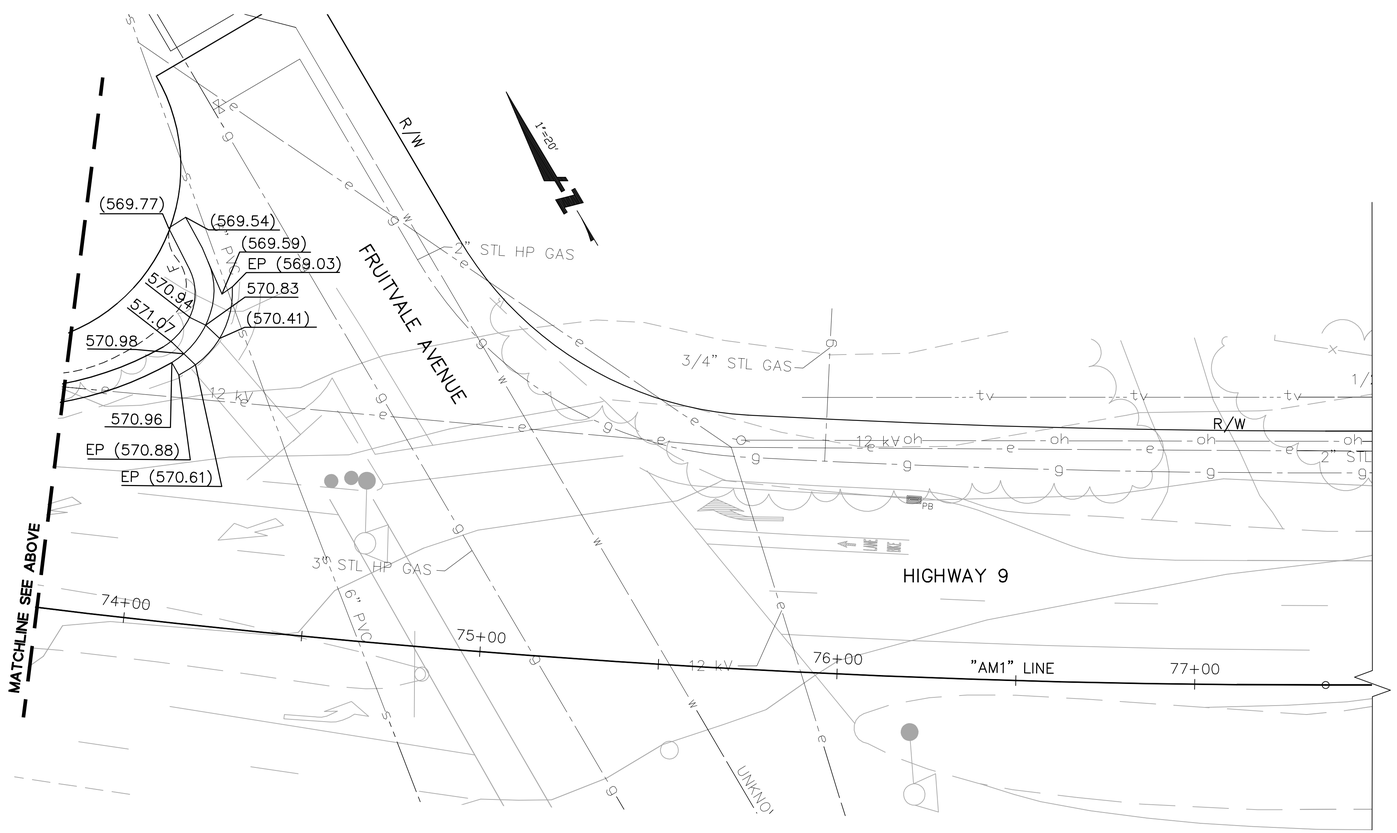
SHEET NO.
G-3

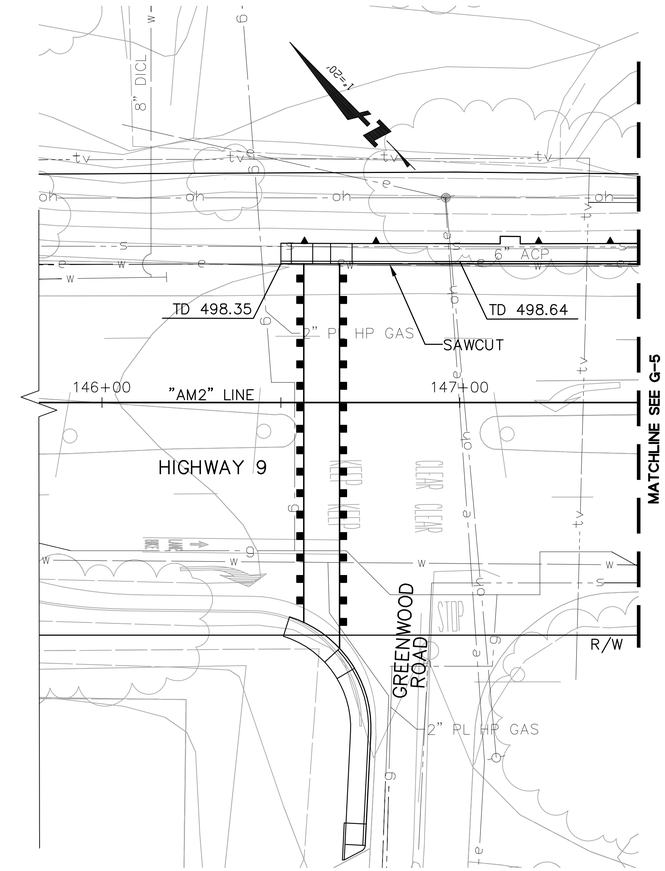
N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Grading\G-3.dwg 23 May 2012 11:21:32am HERN




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Grading\G-4.dwg 23 May 2012 11:23:44am HERN

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# Highway 9 Safety Improvement Project Phase 2 Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. G-4

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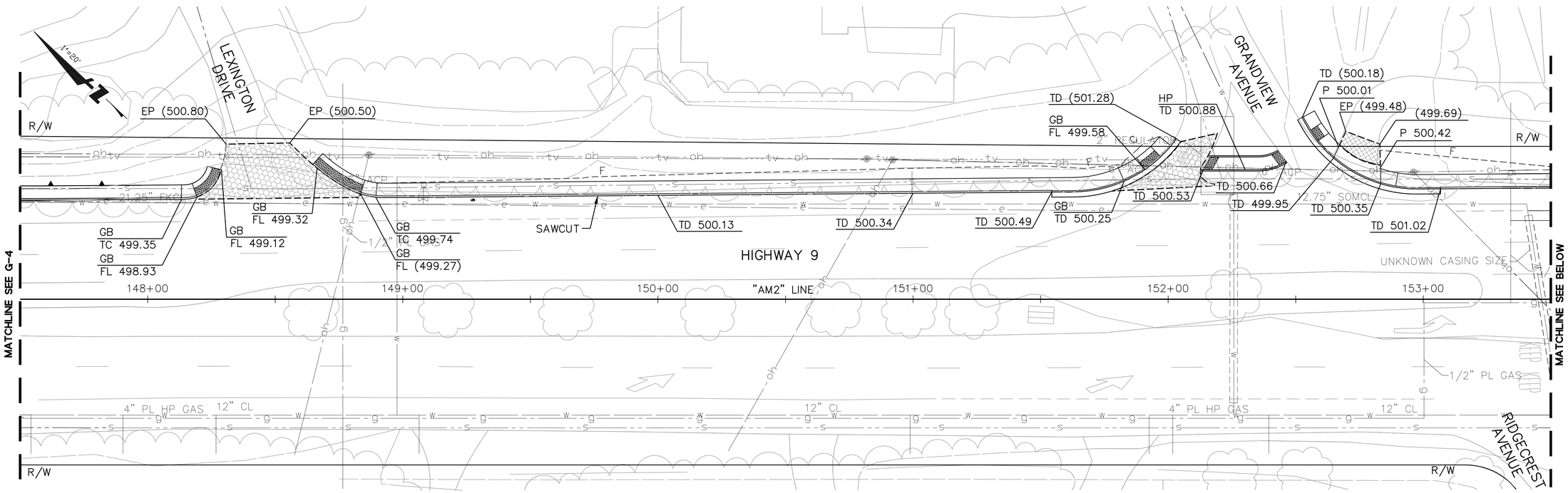


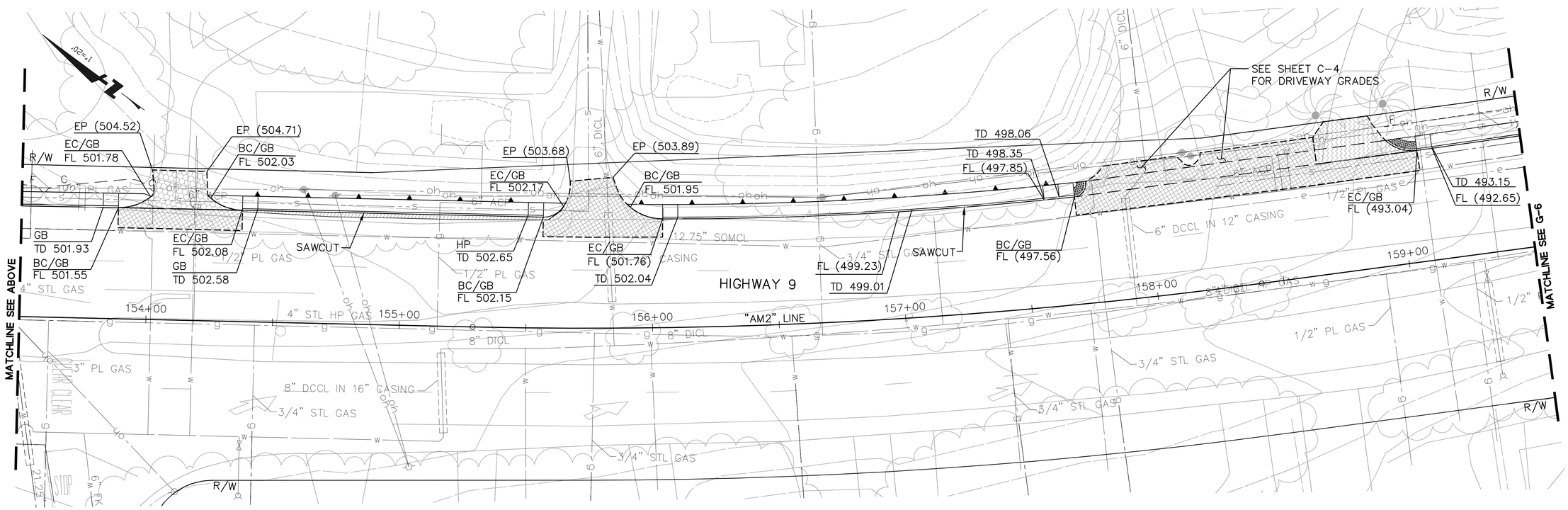


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
G-5

N:\PPW\TLG36X24.dwg

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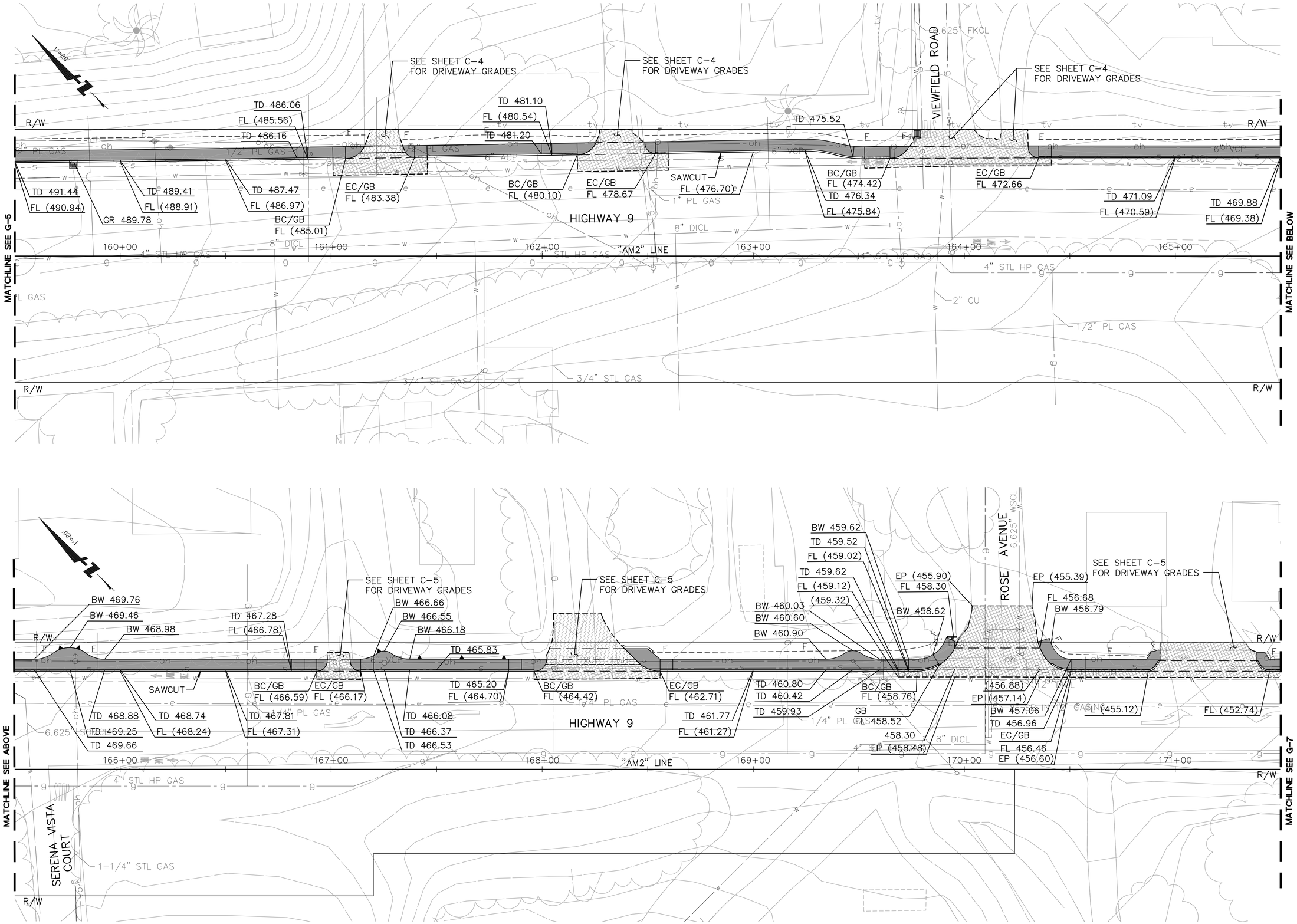


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
G-6

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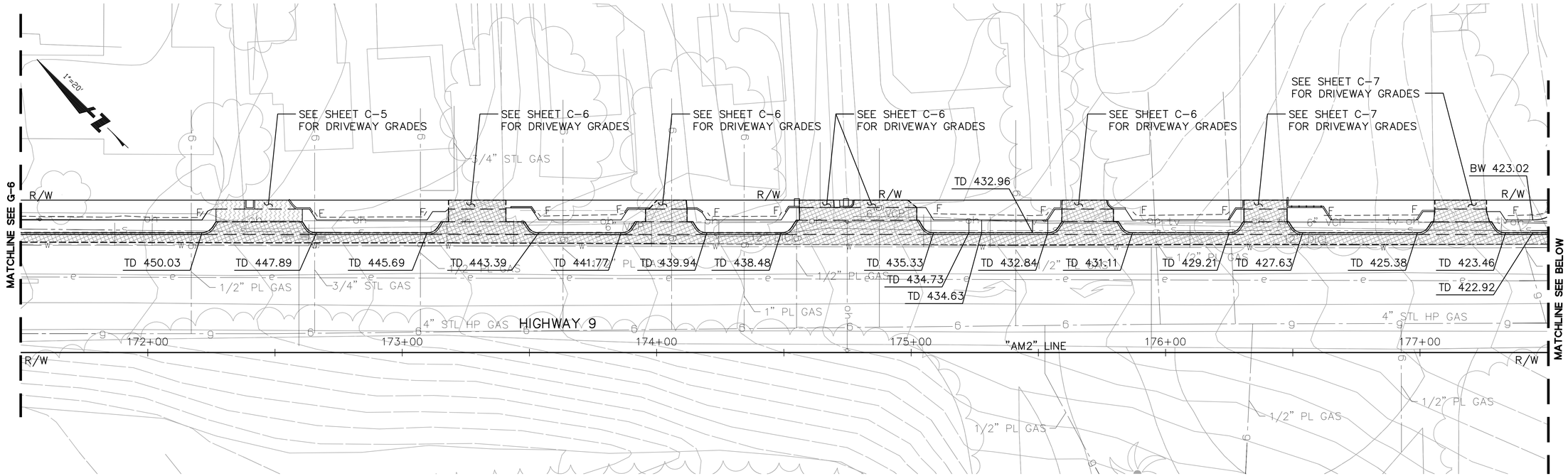


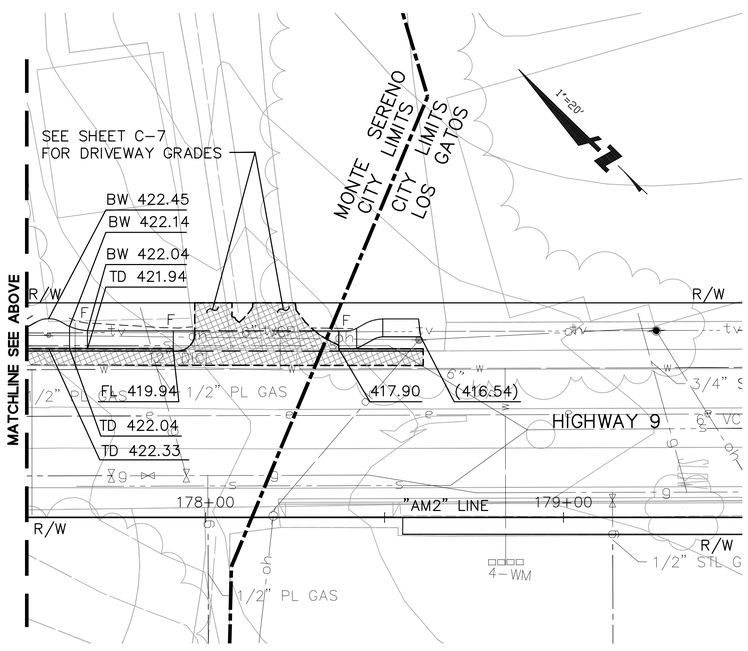


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & G-1.

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# Highway 9 Safety Improvement Project
## Phase 2
## Grading

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
G-7

DATE:
SERVER:
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TIME:
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DRAWING NAME:
PLOTTING VIEW:
DESIGNER:
PROJ. MGR:

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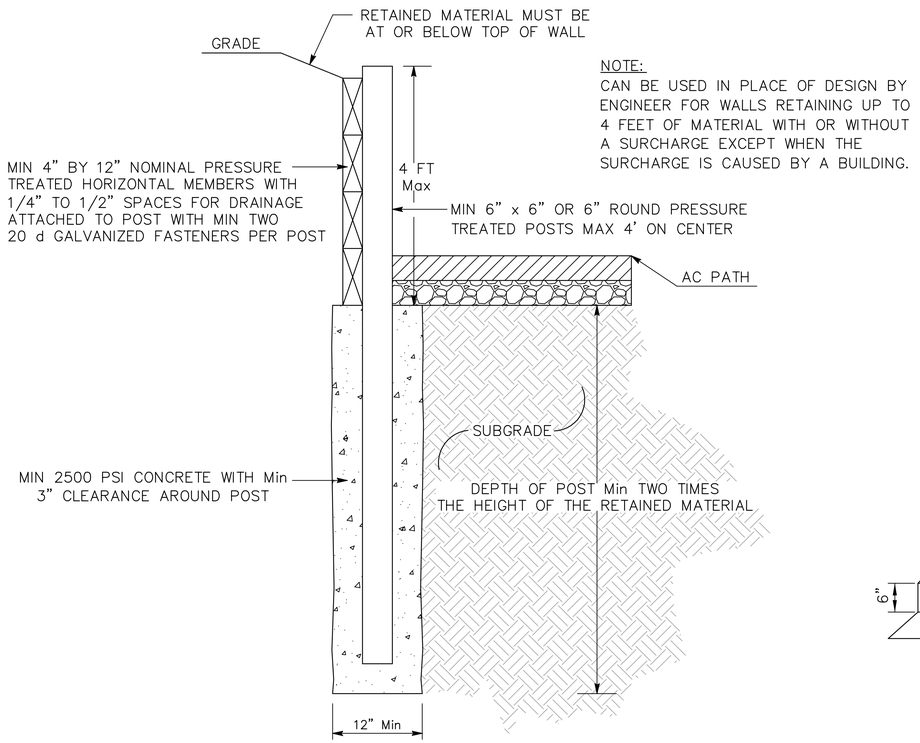
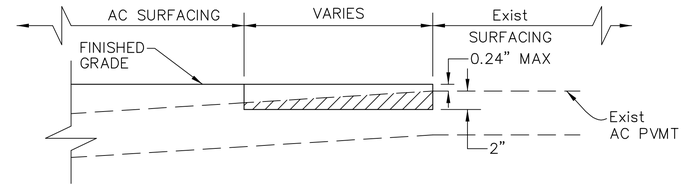
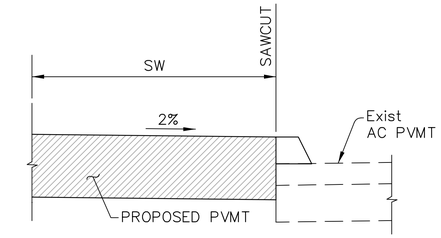



NOTE:
CAN BE USED IN PLACE OF DESIGN BY ENGINEER FOR WALLS RETAINING UP TO 4 FEET OF MATERIAL WITH OR WITHOUT A SURCHARGE EXCEPT WHEN THE SURCHARGE IS CAUSED BY A BUILDING.

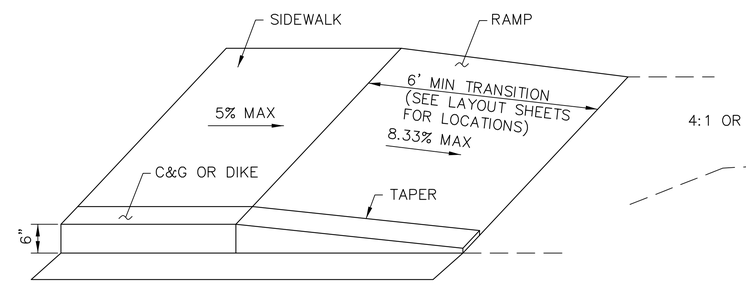
## WOOD RETAINING WALL DETAIL (1/–)



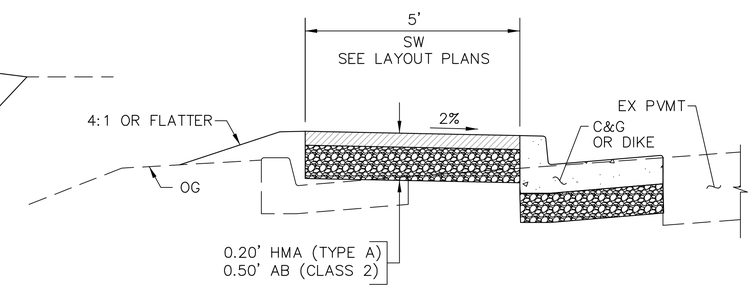

## CONFORM DETAIL TYPE 1 (2/–)



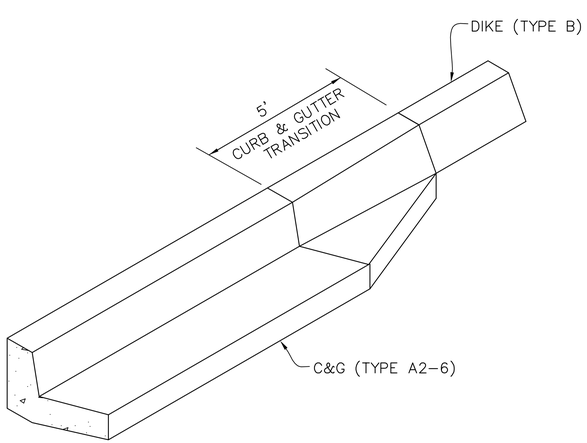

## CONFORM DETAIL TYPE 2 (3/–)



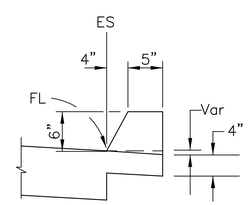

## CURB RAMP & TAPER DETAIL (4/–)



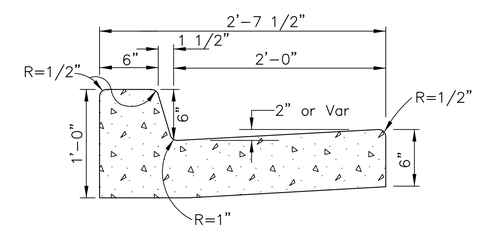

## SIDEWALK DETAIL (5/–)



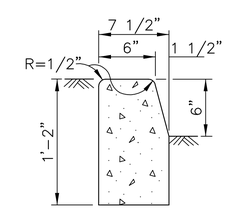

## CURB & GUTTER TRANSITION DETAIL (8/–)



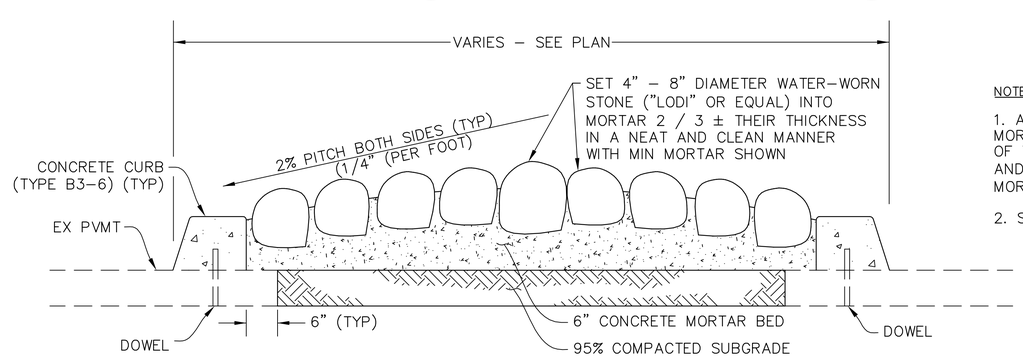

## TYPE B (6/–)




## TYPE A2-6 (7/–)




## TYPE A1-6 (9/–)




## COBBLESTONE MEDIAN (TYPE 1) (10/–)

NOTE:

1. AFTER THE COBBLESTONE HAS BEEN SET INTO THE MORTAR THE EXCESSIVE MORTAR IN BETWEEN THE JOINTS OF THE COBBLESTONE SHALL BE CAREFULLY REMOVED AND RAKED IN A SMOOTH JOINT (NO PROTRUSION OF MORTAR WILL BE ALLOWED).
2. SEAL FINAL SURFACE WITH WATER SEALER.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# Highway 9 Safety Improvement Project Phase 2
# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012
SCALE NO SCALE
SHEET NO. C-1


DRAWING NAME: PLOTTING VIEW: DESIGNER: PROJ. MGR:
TIME: SERVICE: PATH: DATE:
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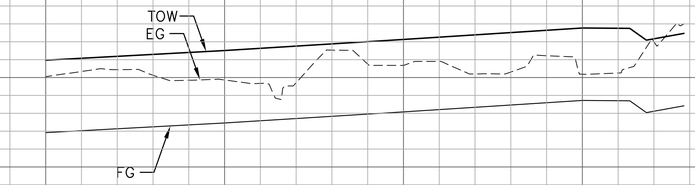
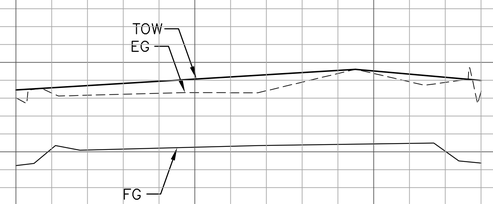



505 500 495

10+00 10+50 11+00 11+50

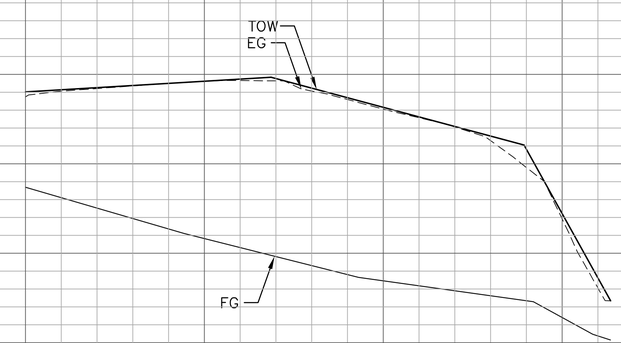
**RETAINING WALL PROFILE**
"AM2" STA 146+50.00 TO 148+23.41
SCALE: 1"=20' Horiz
1"=2' Vert




505 500 495

10+00 10+50 11+00

**RETAINING WALL PROFILE**
"AM2" STA 154+31.37 TO 155+65.35
SCALE: 1"=20' Horiz
1"=2' Vert




505 500 495 490

10+00 10+50 11+00 11+50

**RETAINING WALL PROFILE**
"AM2" STA 155+90.33 TO 157+76.02
SCALE: 1"=20' Horiz
1"=2' Vert

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# Highway 9 Safety Improvement Project Phase 2

## Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 1/4/2011

SCALE 1" = 20'

SHEET NO. C-2

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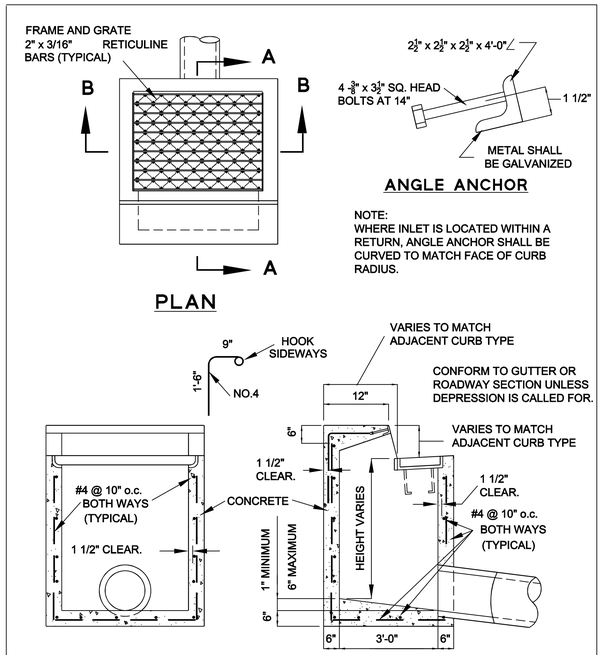
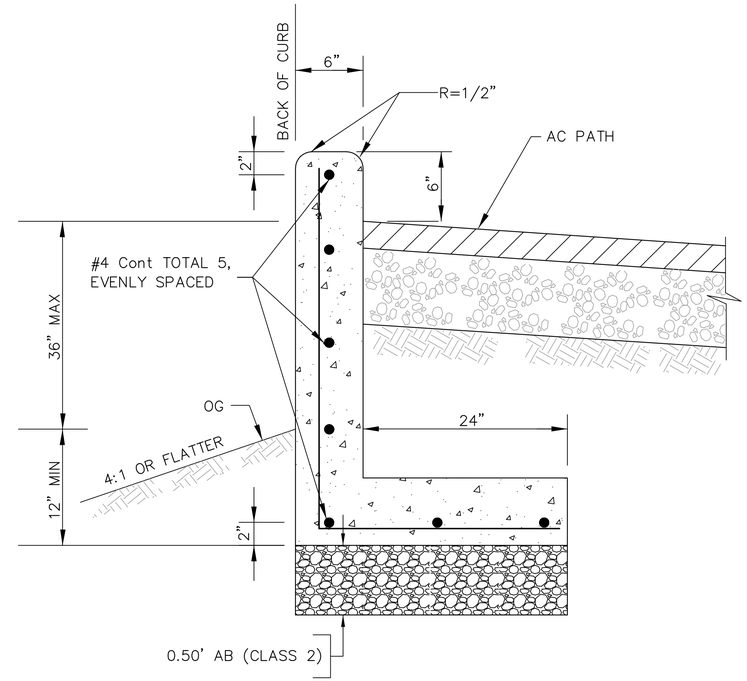


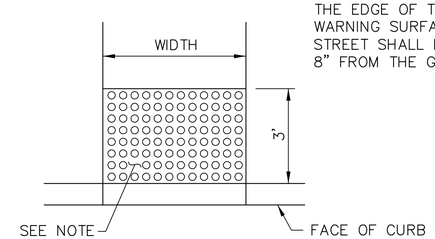

| APPROVED BY | DATE | | STANDARD CURB INLET | STD. PLAN NO. |
|---|---|---|---|---|
| | JUNE 2004 | | | 301 |
| TOWN ENGINEER | | | | |

SD-301.DWG

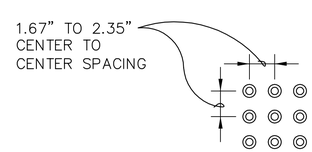



VERTICAL CURB (1)

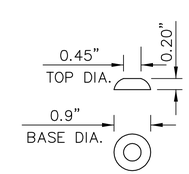
NOTE:
THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.




DETECTABLE WARNING SURFACE (2)




RAISED TRUNCATED DOME PATTERN (IN-LINE) DETECTABLE WARNING SURFACE




RAISED TRUNCATED DOME

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DATE 5/21/2012

SCALE NO SCALE

SHEET NO. C-3

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PATH: DESIGNER: PROJ. MGR:

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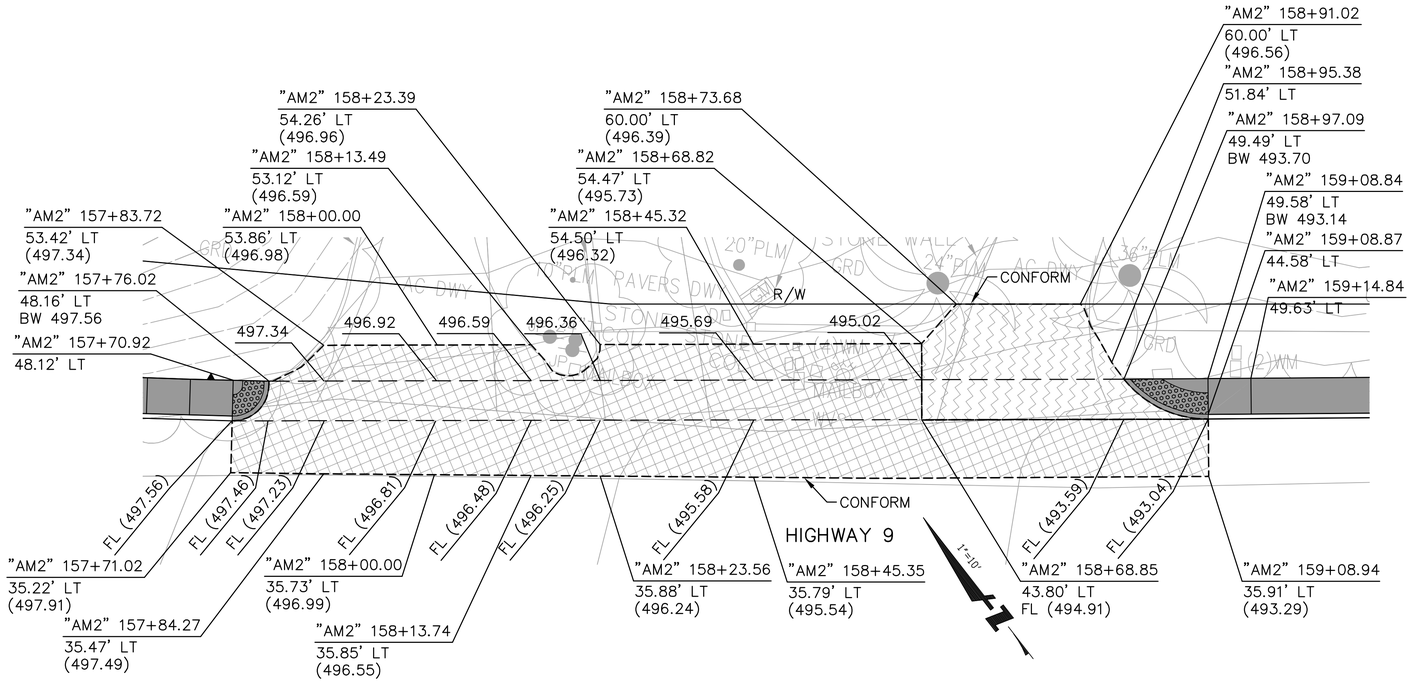
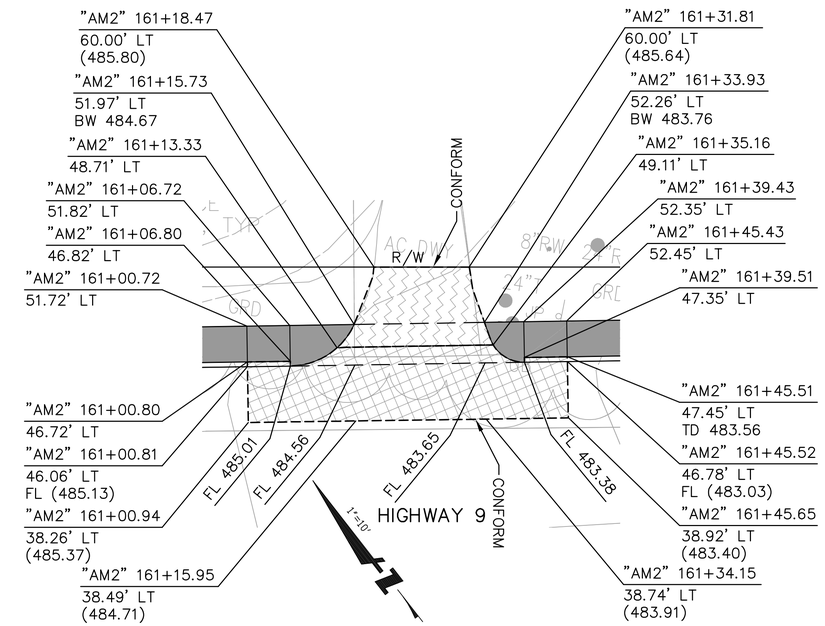


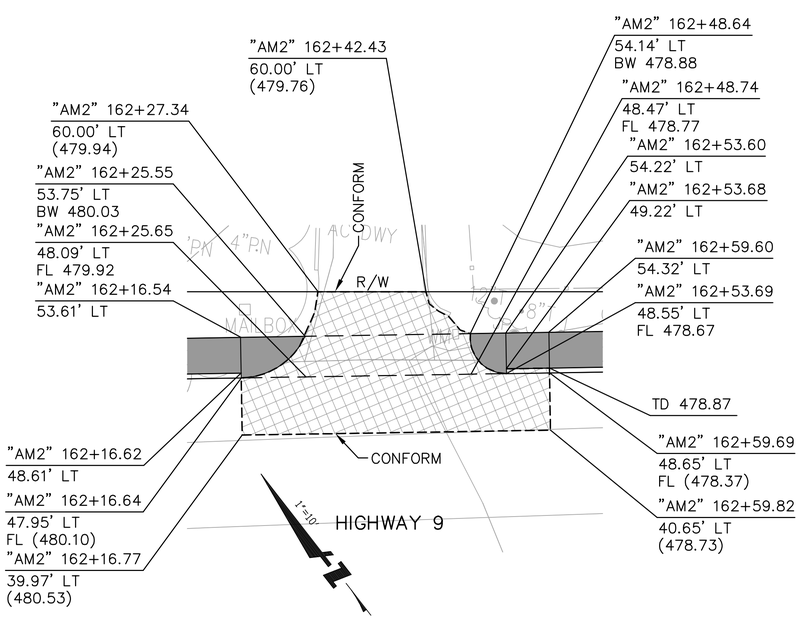

## DRIVEWAYS @ STA 158+50

SCALE: 1"=10'



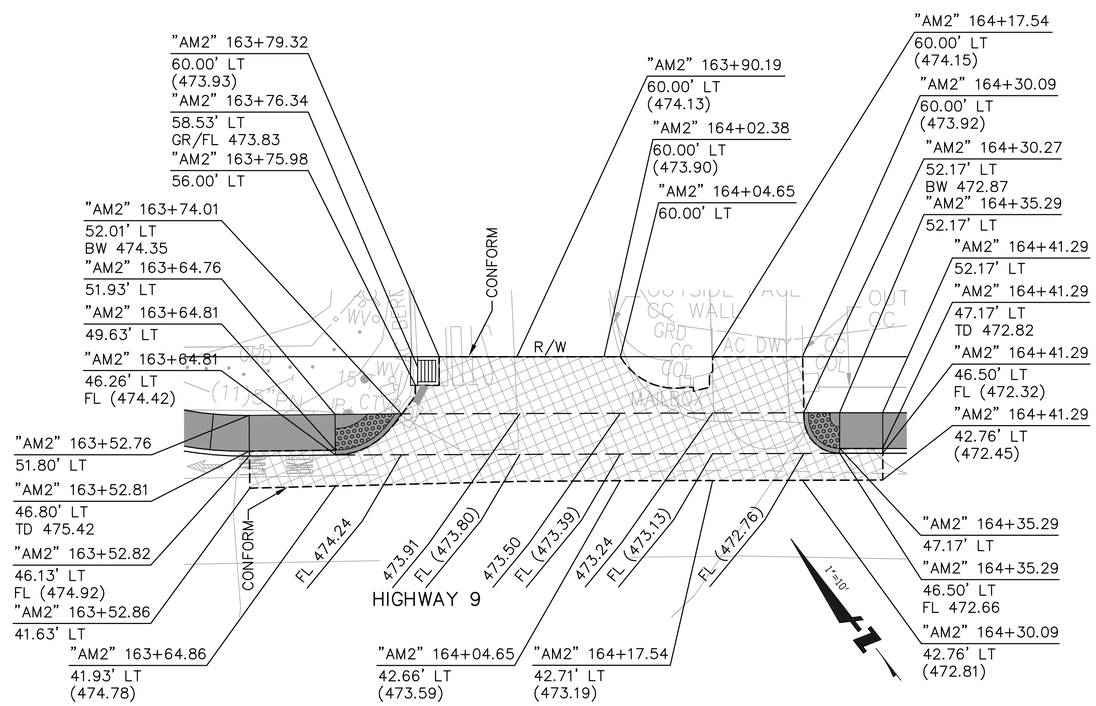

## DRIVEWAY @ STA 161+20

SCALE: 1"=10'




## DRIVEWAY @ STA 162+30

SCALE: 1"=10'




## DRIVEWAYS @ STA 163+90

SCALE: 1"=10'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# Highway 9 Safety Improvement Project
# Phase 2
# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE AS SHOWN

SHEET NO. C-4

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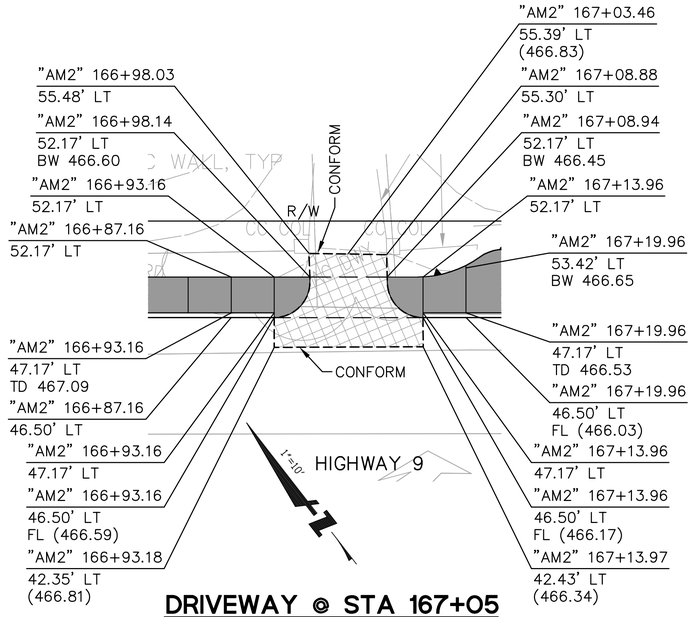
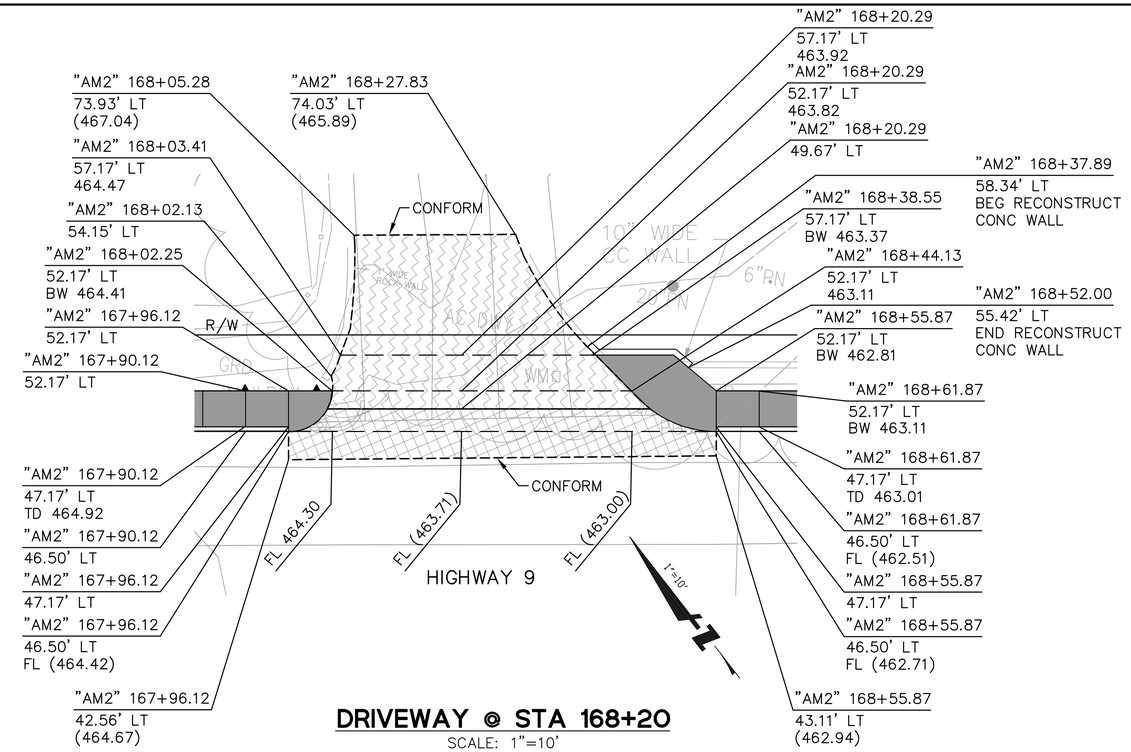


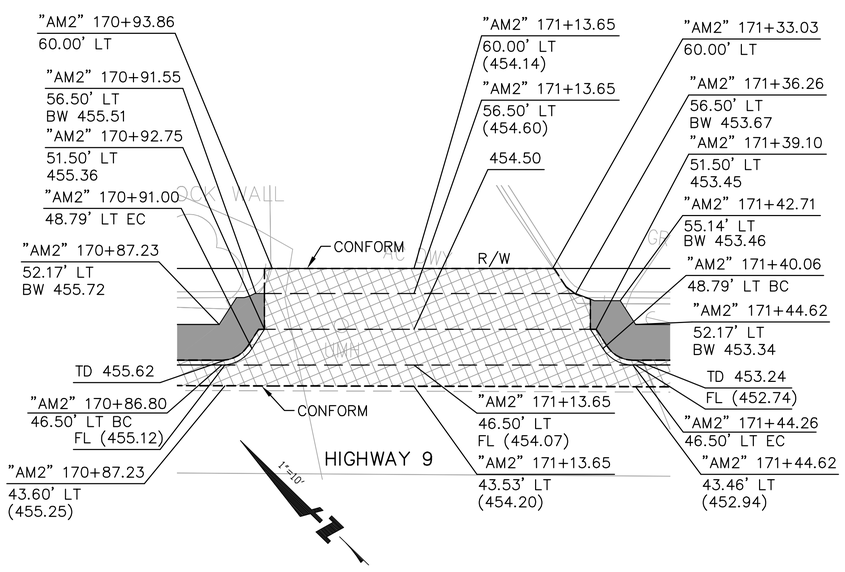

## DRIVEWAY @ STA 167+05

SCALE: 1"=10'



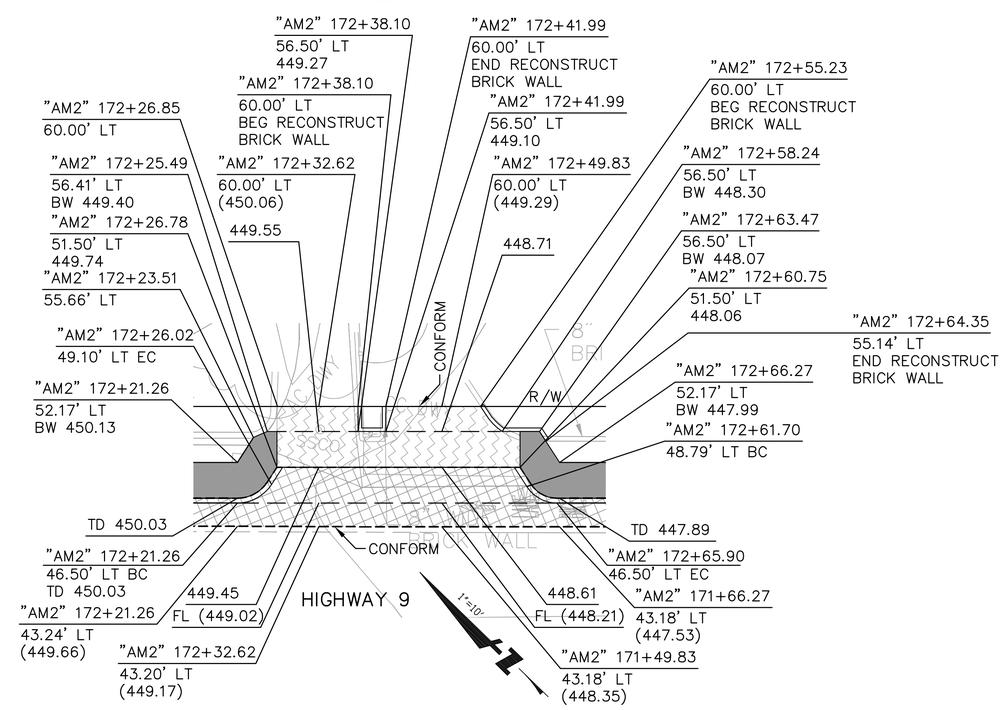

## DRIVEWAY @ STA 168+20

SCALE: 1"=10'




## DRIVEWAY @ STA 171+15

SCALE: 1"=10'




## DRIVEWAYS @ STA 172+40

SCALE: 1"=10'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# Highway 9 Safety Improvement Project Phase 2

# Construction Details

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|---|---|---|---|

DATE 5/21/2012

SCALE AS SHOWN

SHEET NO. C-5


DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
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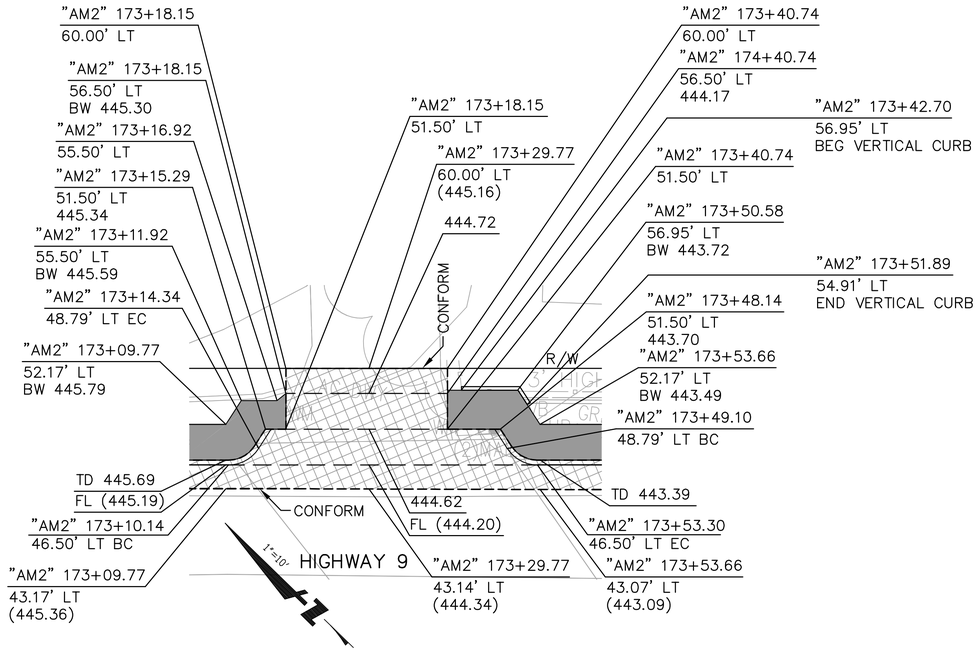
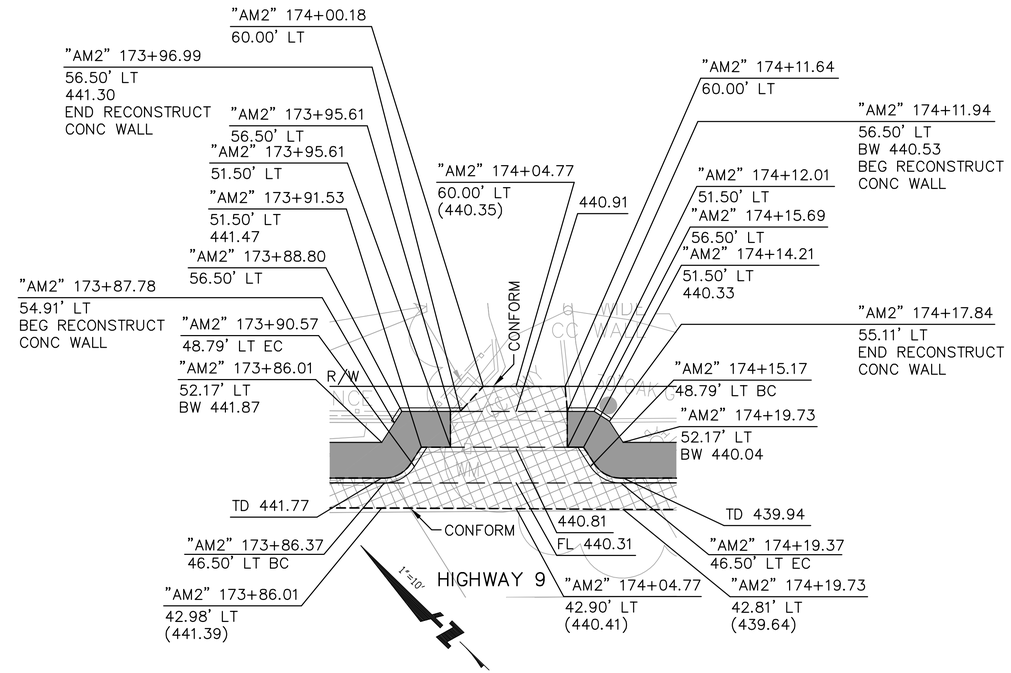


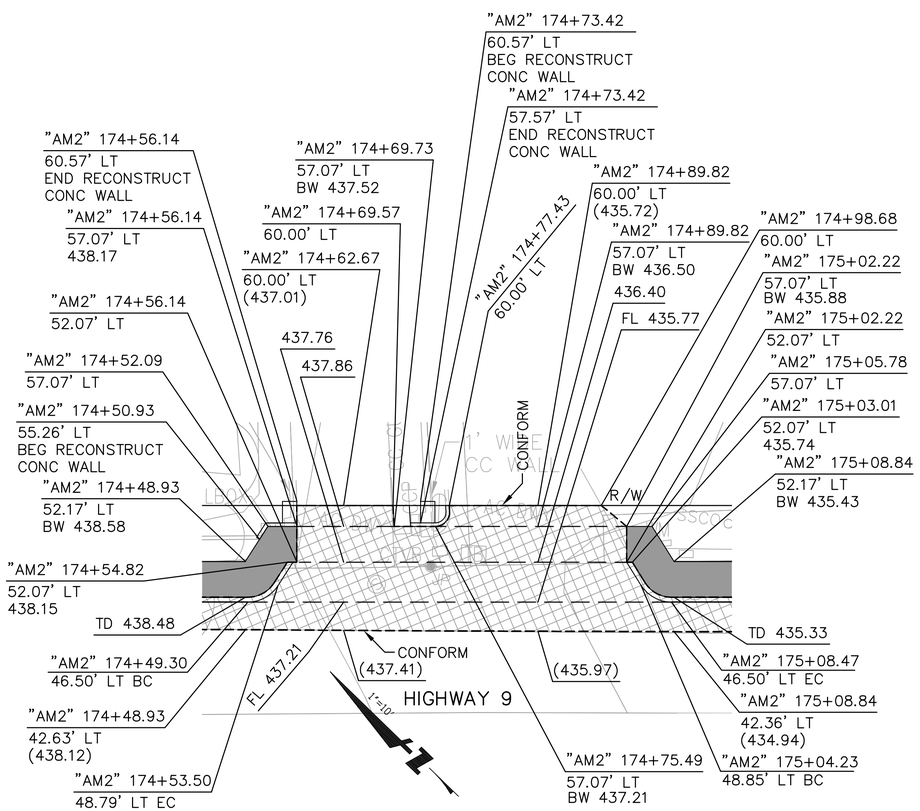

## DRIVEWAY @ STA 173+30

SCALE: 1"=10'



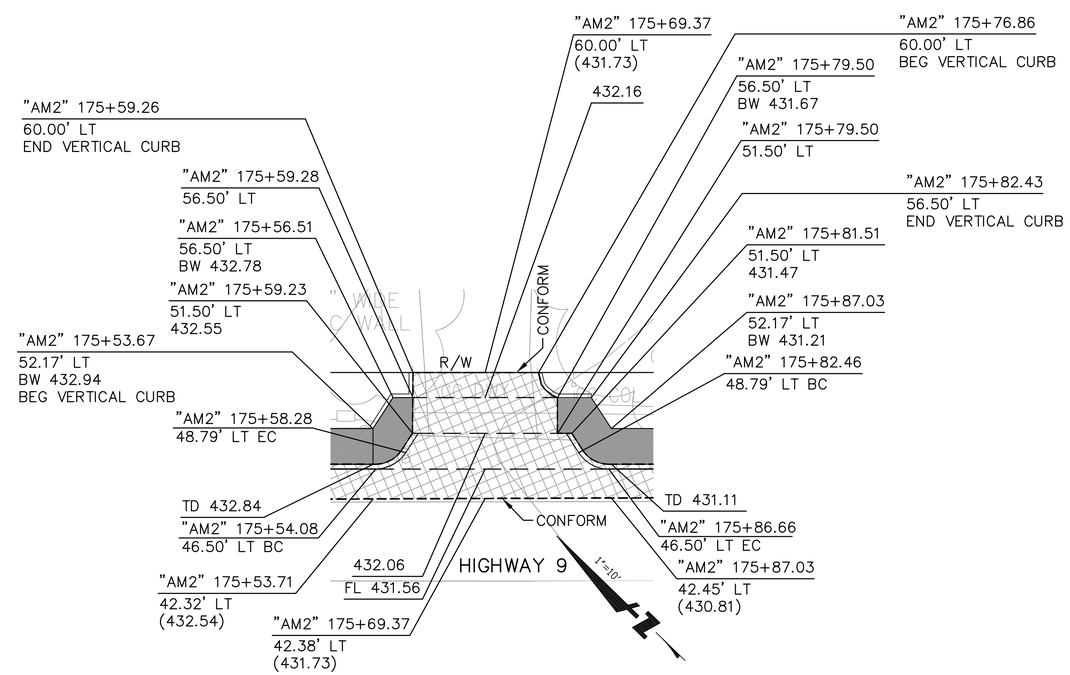

## DRIVEWAY @ STA 174+05

SCALE: 1"=10'




## DRIVEWAYS @ STA 174+80

SCALE: 1"=10'




## DRIVEWAY @ STA 175+70

SCALE: 1"=10'

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# Highway 9 Safety Improvement Project
# Phase 2
# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

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SHEET NO.
C-6

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TIME: ____ PLOTTING VIEW: ____
SERVICE: ____ DESIGNER: ____
DATE: ____
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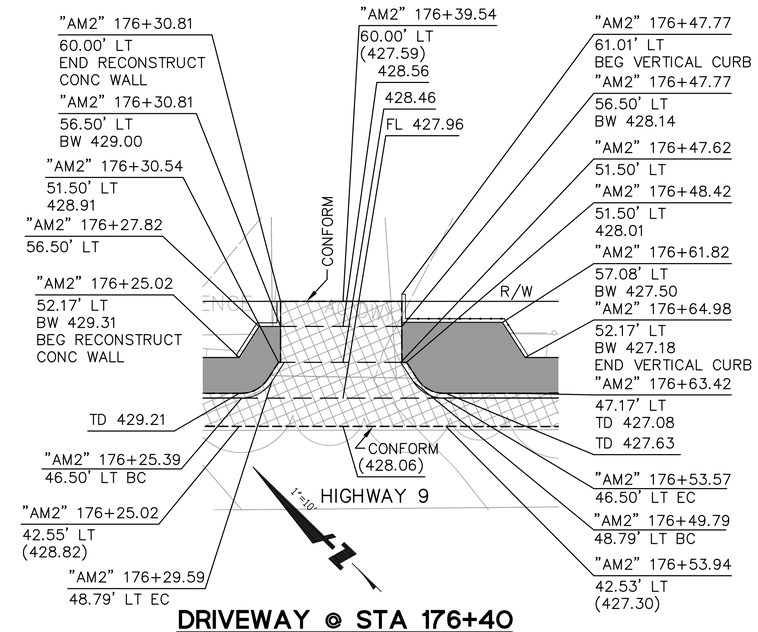
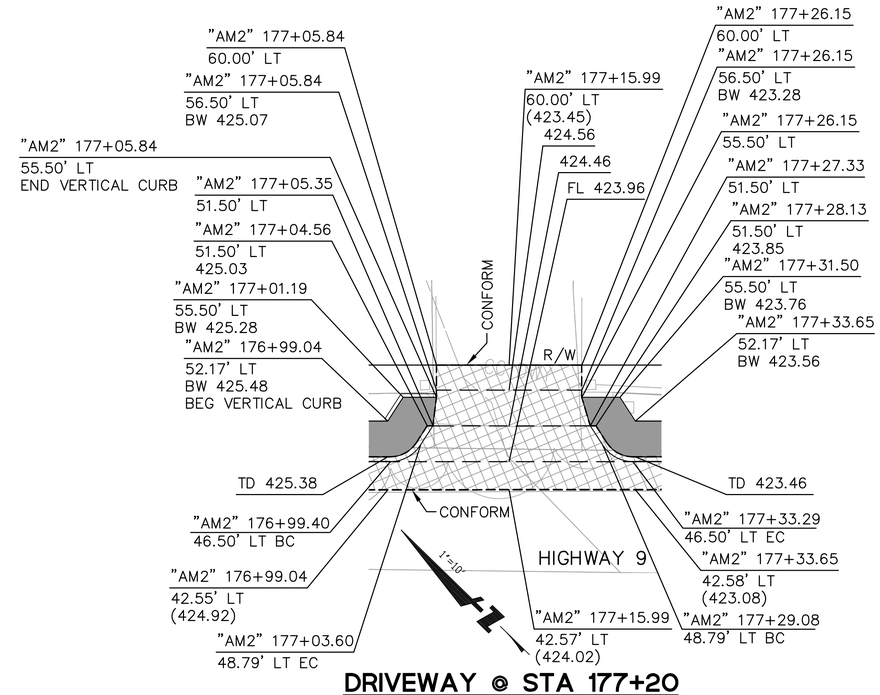


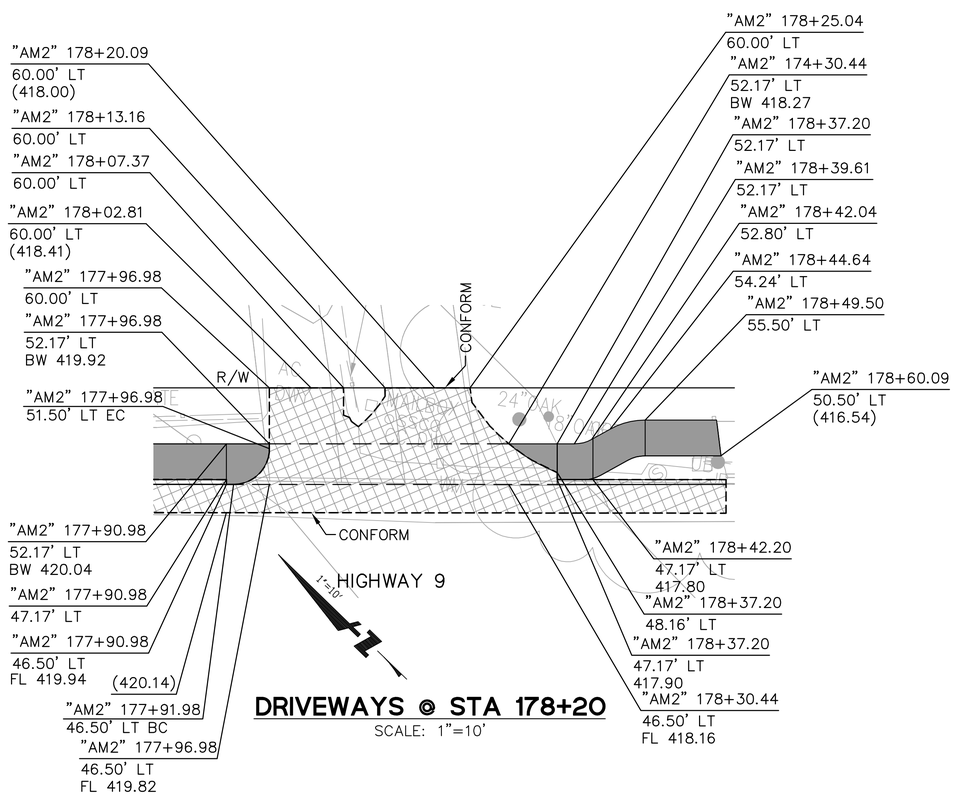

## DRIVEWAY @ STA 176+40

SCALE: 1"=10'




## DRIVEWAY @ STA 177+20

SCALE: 1"=10'




## DRIVEWAYS @ STA 178+20

SCALE: 1"=10'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# Highway 9 Safety Improvement Project
# Phase 2
# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
AS SHOWN

SHEET NO.
C-7

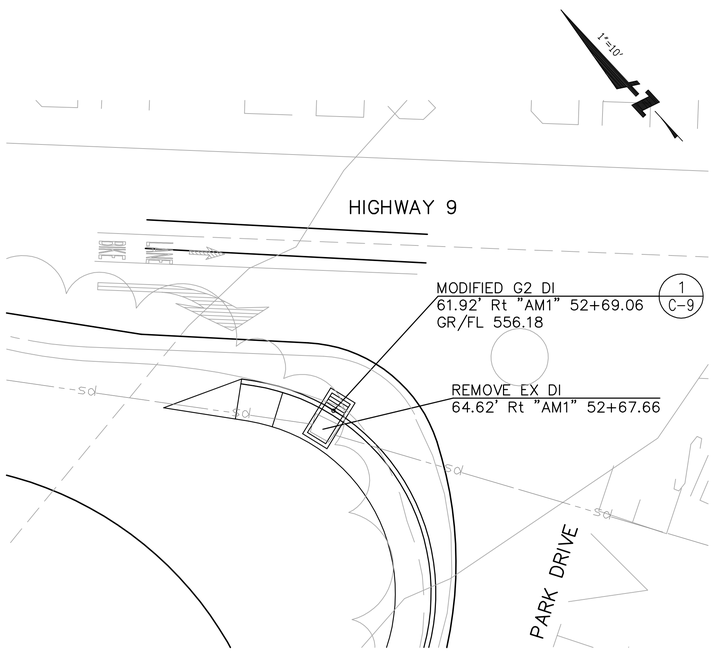
N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME: PROJ. MGR:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER:

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Construction Details\CD-7.dwg 23 May 2012 11:17:13am HERN

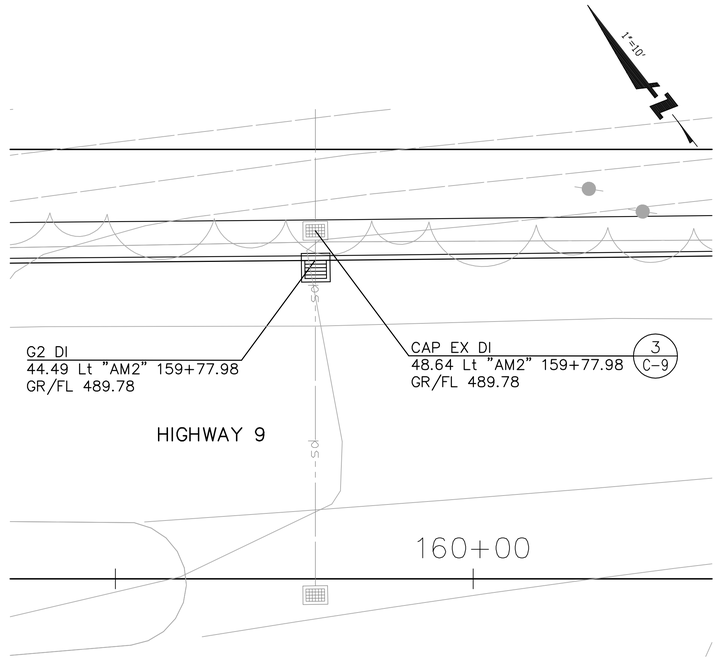
NOTES:

1. STATION AND OFFSET INFORMATION FOR STORM DRAIN INLET REFERS TO THE CENTER OF THE STRUCTURE AT THE FLOWLINE OF AC DIKE.
2. DRAINAGE INLET GRATES SHALL BE BICYCLE PROOF, TYPE 24-12X, PER CALTRANS STANDARD PLAN D77B.



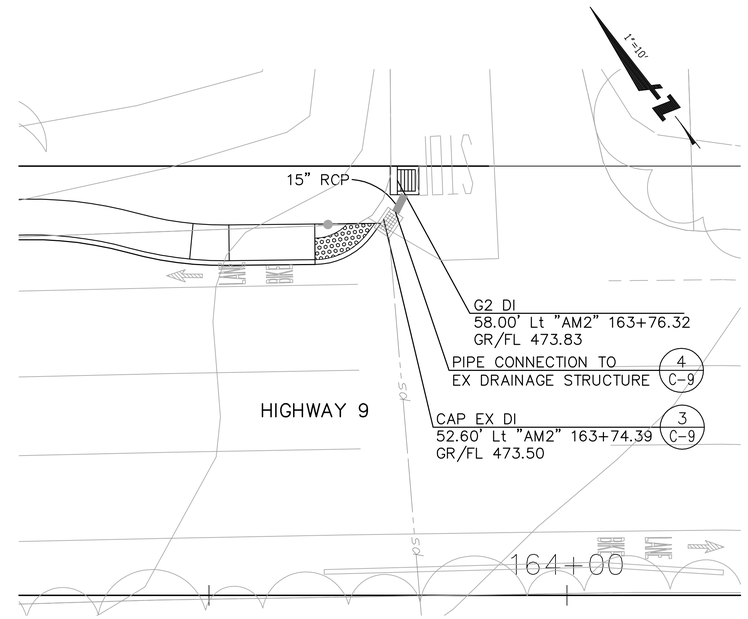

## DI AT STA 52+69.06

SCALE: 1"=10'



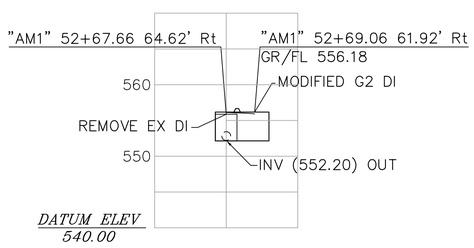

## DI AT STA 159+77.98

SCALE: 1"=10'

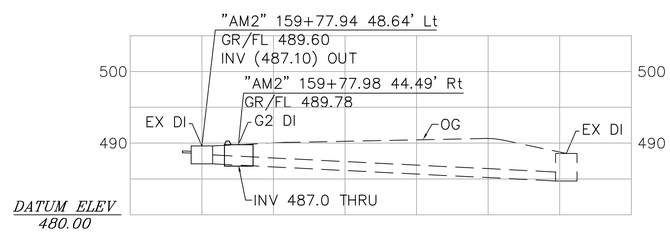



## DI AT STA 163+76.32

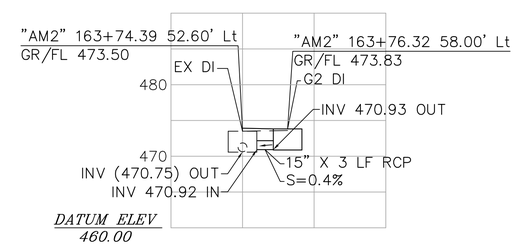
SCALE: 1"=10'




1"=10' H; 1"=10' V




1"=10' H; 1"=10' V




1"=10' H; 1"=10' V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# Highway 9 Safety Improvement Project Phase 2

# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 8/5/2011

SCALE AS SHOWN

SHEET NO. C-8


DATE: TIME: DRAWING NAME: PROJ. MGR:
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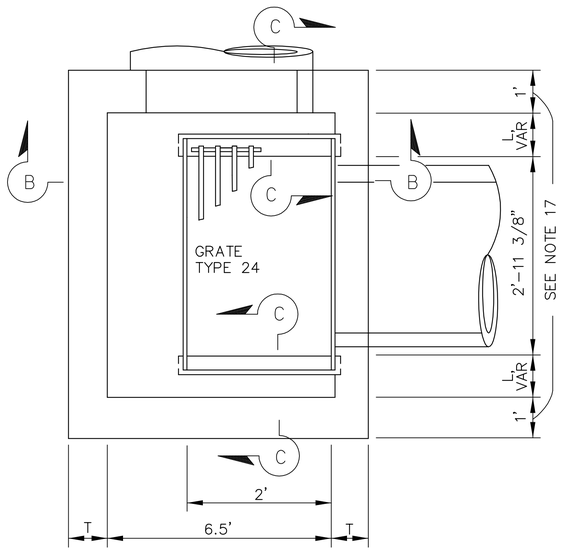
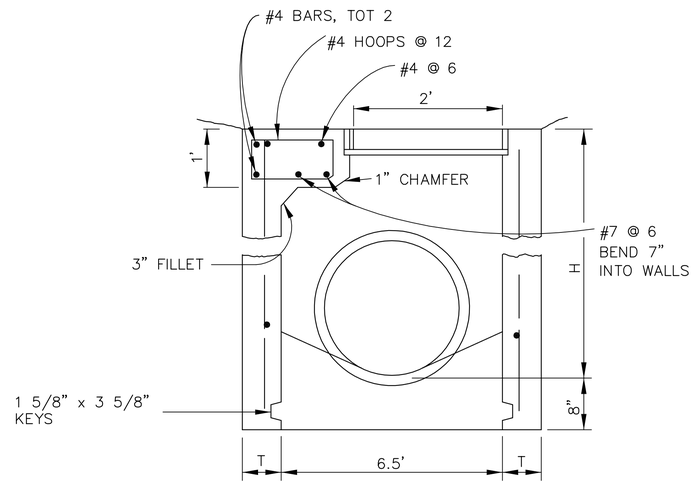
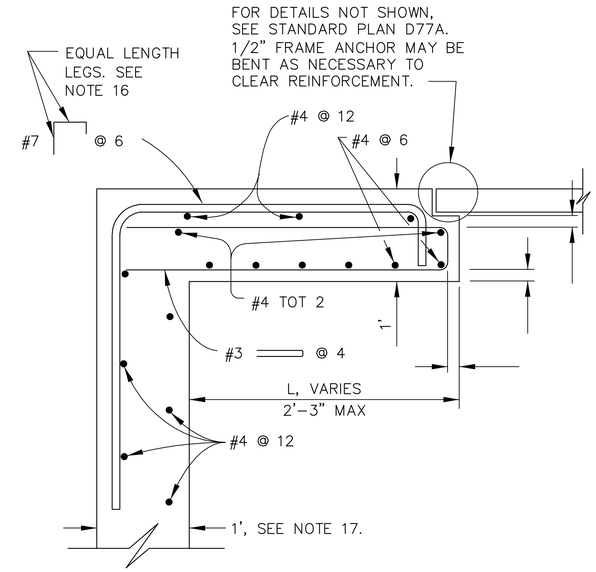



SECTION B–B

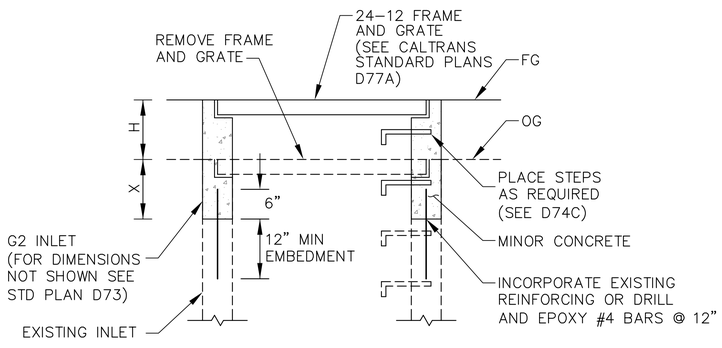



SECTION C–C

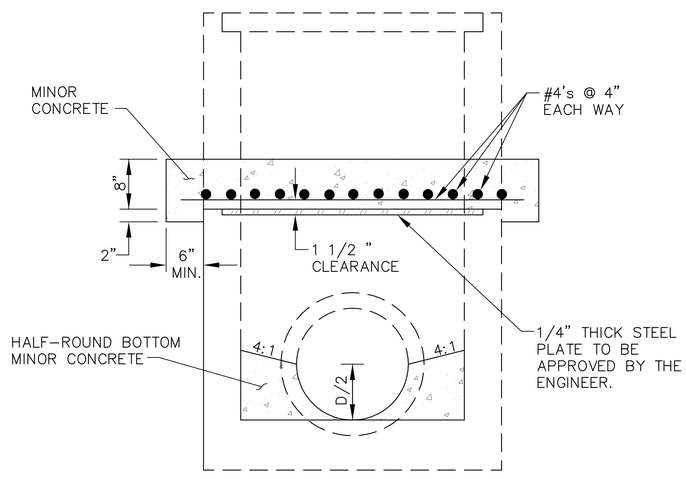
## MODIFIED TYPE G2 INLET (1)

NOTES:

1. FOR NOTES AND DIMENSIONS NOT SHOWN, SEE CALTRANS STD PLAN D73.



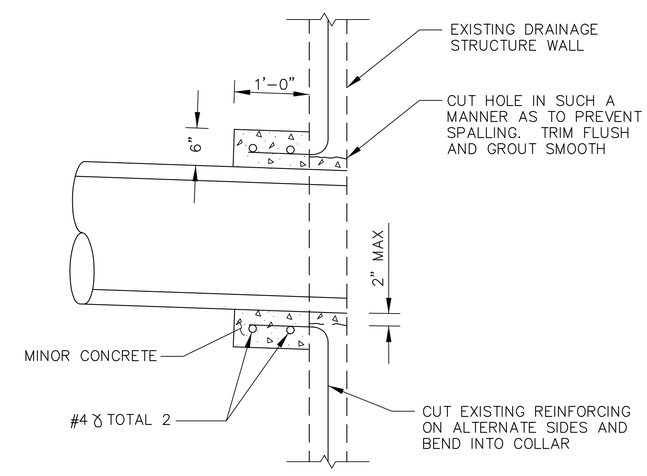

## ADJUST DRAINAGE INLET (2)




## CAP DRAINAGE INLET (3)

NOTES:

1. TOP OF CAP TO BE 1'–0" MIN BELOW THE GRADING PLANE.
2. REMOVE EXISTING DRAINAGE STRUCTURE WALLS WHERE REQUIRED.




## PIPE CONNECTION TO EXISTING DRAINAGE STRUCTURE (4)

NOTES:

1. IF WALL OF EXISTING DRAINAGE STRUCTURE HAS NO REINFORCING, DRILL AND BOND #4 DOWELS, 1 FT. ON CENTER, 6" INTO WALL AND BEND INTO COLLAR.
2. SQUARE OR CIRCULAR COLLAR OPTIONAL.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# Highway 9 Safety Improvement Project Phase 2

# Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE NO SCALE

SHEET NO. C–9


DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
PATH: DESIGNER:
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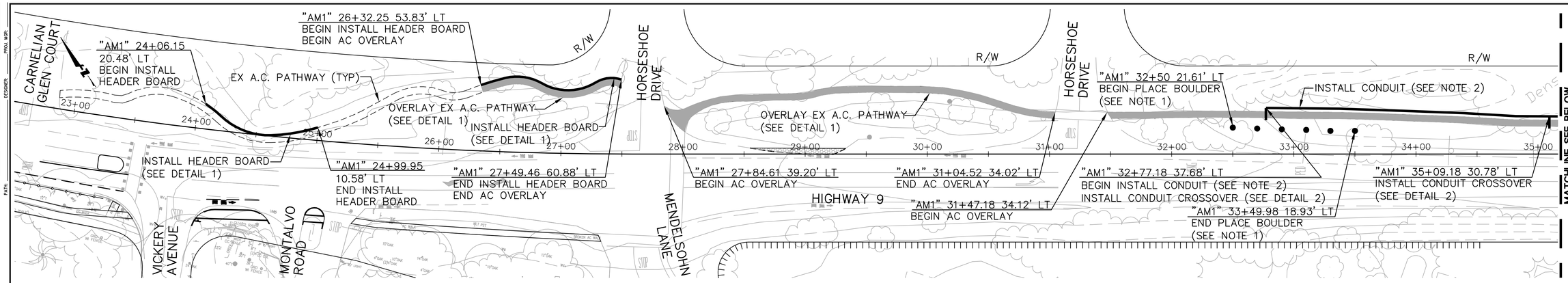
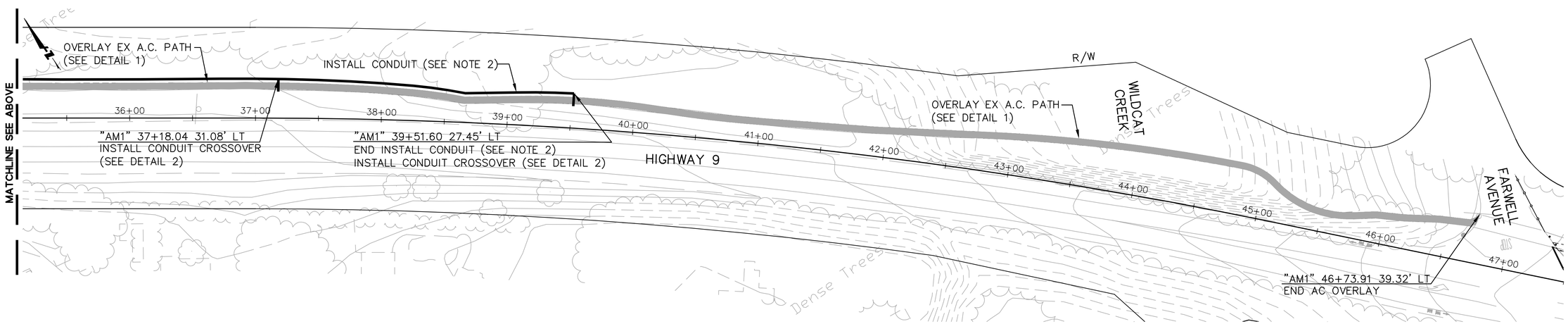


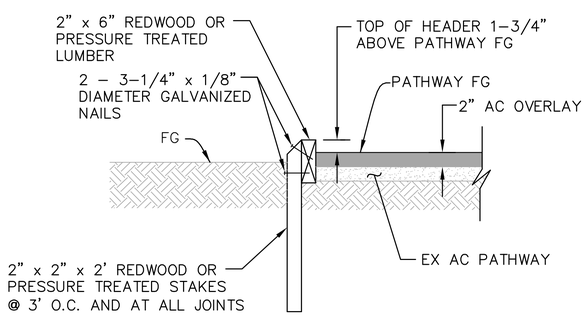




LEGEND:

- OVERLAY EX A.C. PATHWAY
- BOULDER
- CONDUIT

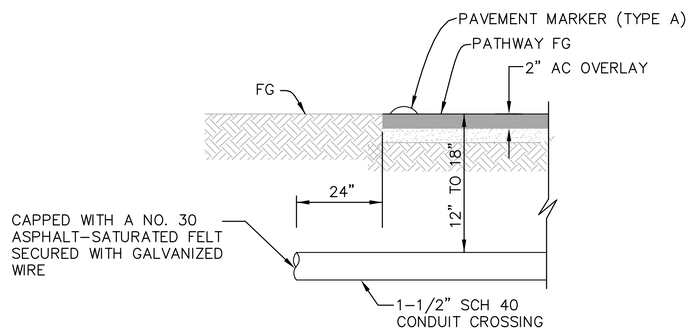
NOTES:

1. PROVIDE BOULDERS SPACED AT 20' O.C. (TYP) AND 20' MINIMUM FROM EDGE OF TRAVEL LANE OR AS DIRECTED BY THE ENGINEER.
2. INSTALL ONE 1-1/2" SCH 40 CONDUIT 676' LONG.
   INSTALL ONE 1-1/4" GRAY ELECTRICAL CONDUIT 676' LONG.
   CONDUITS SHALL BE PLACED ADJACENT TO EACH OTHER AND SHALL BE 12" TO 18" DEEP BELOW PATHWAY FINISH GRADE AND HAVE AN OFFSET OF 3' FROM EDGE OF PATHWAY OR AS DIRECTED BY THE ENGINEER.
3. FOR TYPICAL SECTIONS, SEE SHEET C-11.




## A.C. OVERLAY AND HEADER BOARD DETAIL (1/-)

NOT TO SCALE




## CONDUIT CROSSOVER DETAIL (2/-)

NOT TO SCALE

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# Highway 9 Safety Improvement Project
## Phase 2
## Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 40'

SHEET NO.
C-10

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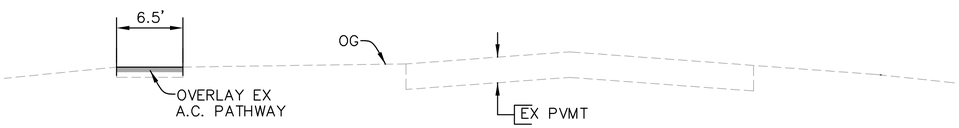
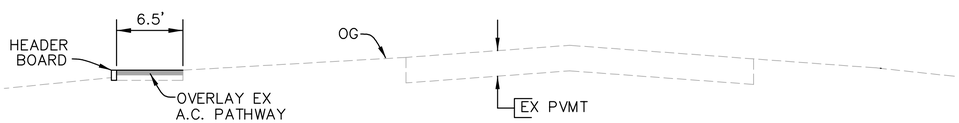
XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Construction Details\CD-10.dwg 23 May 2012 11:30:49am HERN

NOTE:

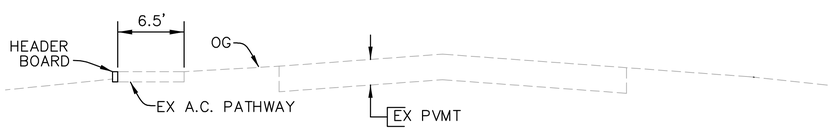
1. FOR ADDITIONAL NOTES AND DETAILS, SEE SHEET C-10.



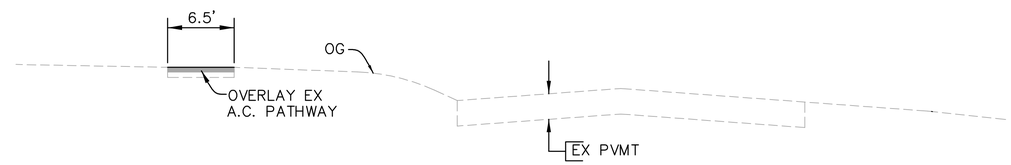

"AM1" 27+84.61 TO 31+04.52



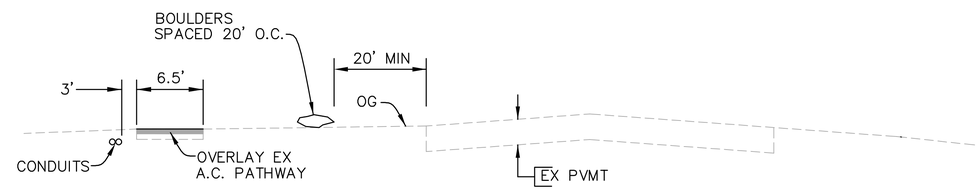

"AM1" 26+32.25 TO 27+49.46




"AM1" 24+06.15 TO 24+99.95




"AM1" 41+90.12 TO 46+73.91




"AM1" 31+47.18 TO 41+90.12

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# Highway 9 Safety Improvement Project Phase 2

## Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
NO SCALE

SHEET NO.
C-11

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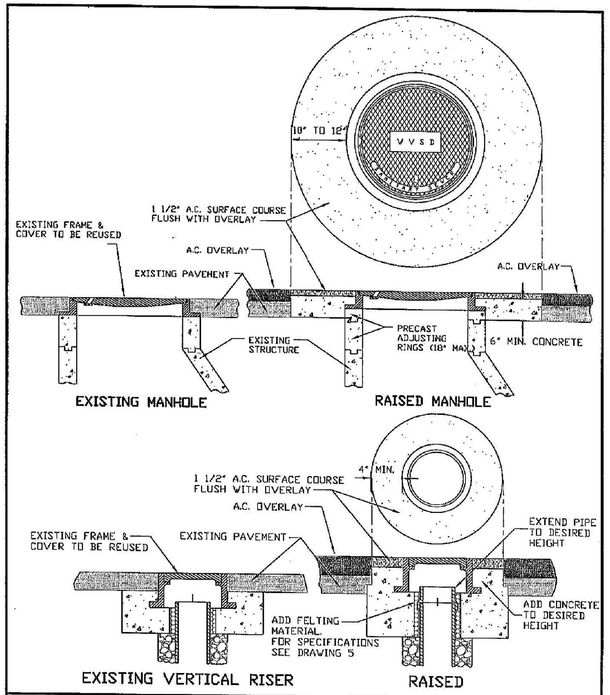
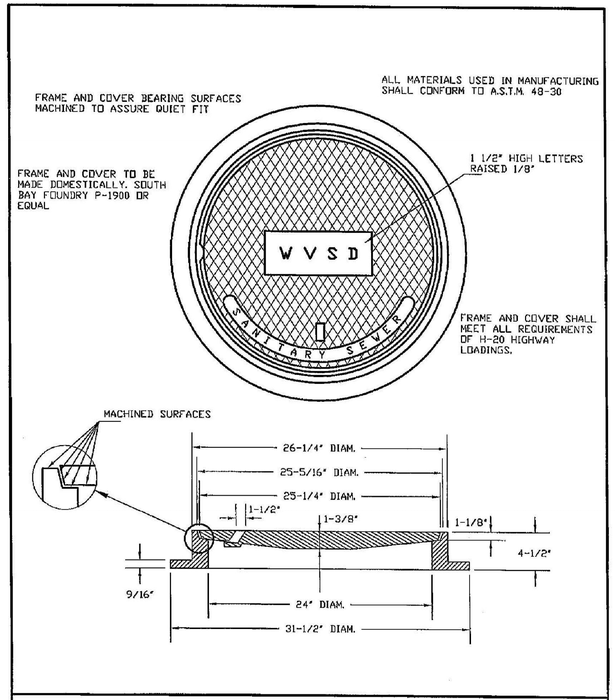



WEST VALLEY SANITATION DISTRICT OF SANTA CLARA COUNTY

**MANHOLE / VERTICAL RISER ADJUSTMENT DETAIL**

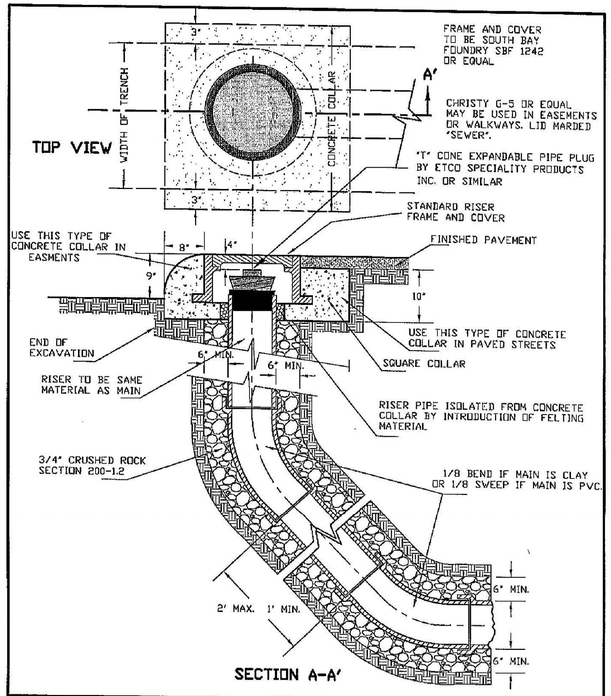
| SCALE | DRAWN BY: | CHECKED BY: | APPROVED BY: | DRAWING |
|---|---|---|---|---|
| NONE | J. PICADO | P. SEVCIK | DATE SEPT. 13, 2007 DISTRICT MANAGER AND ENGINEER | 12 |




WEST VALLEY SANITATION DISTRICT OF SANTA CLARA COUNTY

**STANDARD MANHOLE FRAME AND COVER**

| SCALE | DRAWN BY: | CHECKED BY: | APPROVED BY: | DRAWING |
|---|---|---|---|---|
| NONE | J. PICADO | P. SEVCIK | DATE SEPT. 13, 2007 DISTRICT MANAGER AND ENGINEER | 4 |




WEST VALLEY SANITATION DISTRICT OF SANTA CLARA COUNTY

**STANDARD VERTICAL RISER**

| SCALE | DRAWN BY: | CHECKED BY: | APPROVED BY: | DRAWING |
|---|---|---|---|---|
| NONE | J. PICADO | P. SEVCIK | DATE SEPT. 13, 2007 DISTRICT MANAGER AND ENGINEER | 5 |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# Highway 9 Safety Improvement Project Phase 2

## Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE NO SCALE

SHEET NO. C-12


DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
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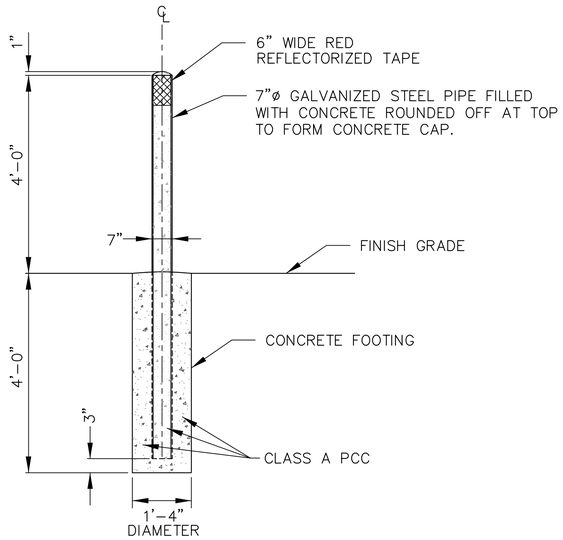
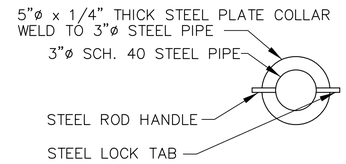
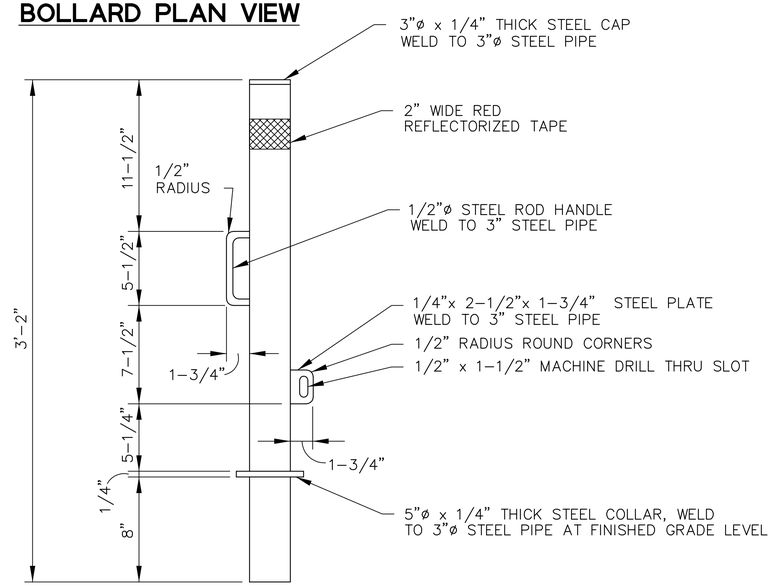


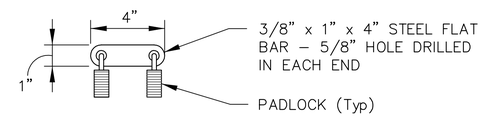

**BOLLARD**

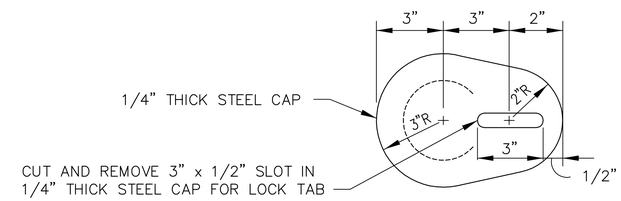



**BOLLARD PLAN VIEW**



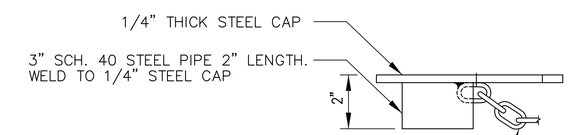

**BOLLARD ELEVATION**



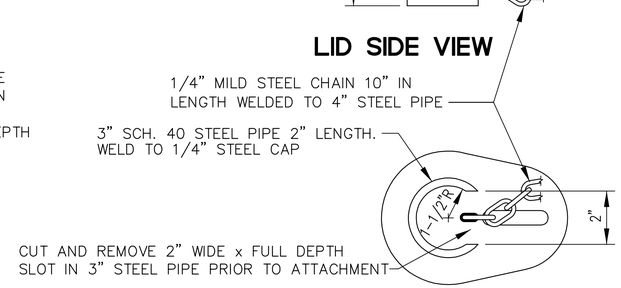




**LID TOP VIEW**

**TOP VIEW**

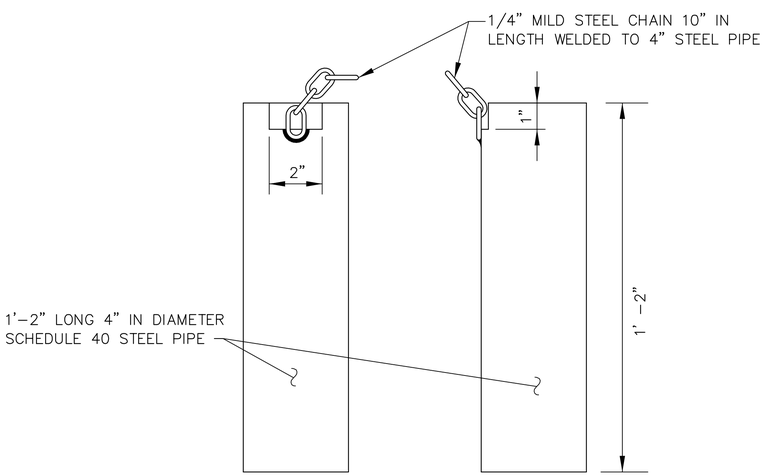



**LID SIDE VIEW**



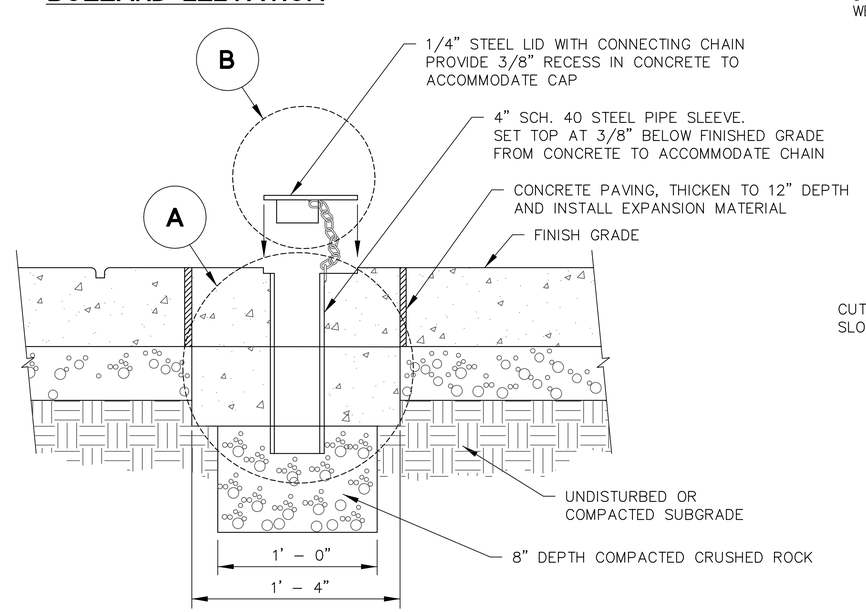

**LID BOTTOM VIEW**

**STEEL LID** (B)




**FRONT VIEW** **SIDE VIEW**

**PIPE SLEEVE** (A)




**SLEEVE IN CONCRETE SECTION VIEW**

**REMOVABLE BOLLARD** (B)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# Highway 9 Safety Improvement Project Phase 4

## Construction Details

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 10/17/2011

SCALE NO SCALE

SHEET NO. C-13


DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
PATH: DESIGNER:
XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Construction Details\CD-13.dwg 23 May 2012 11:31:04am HERN
N: \PPW\TLG36X24.dwg

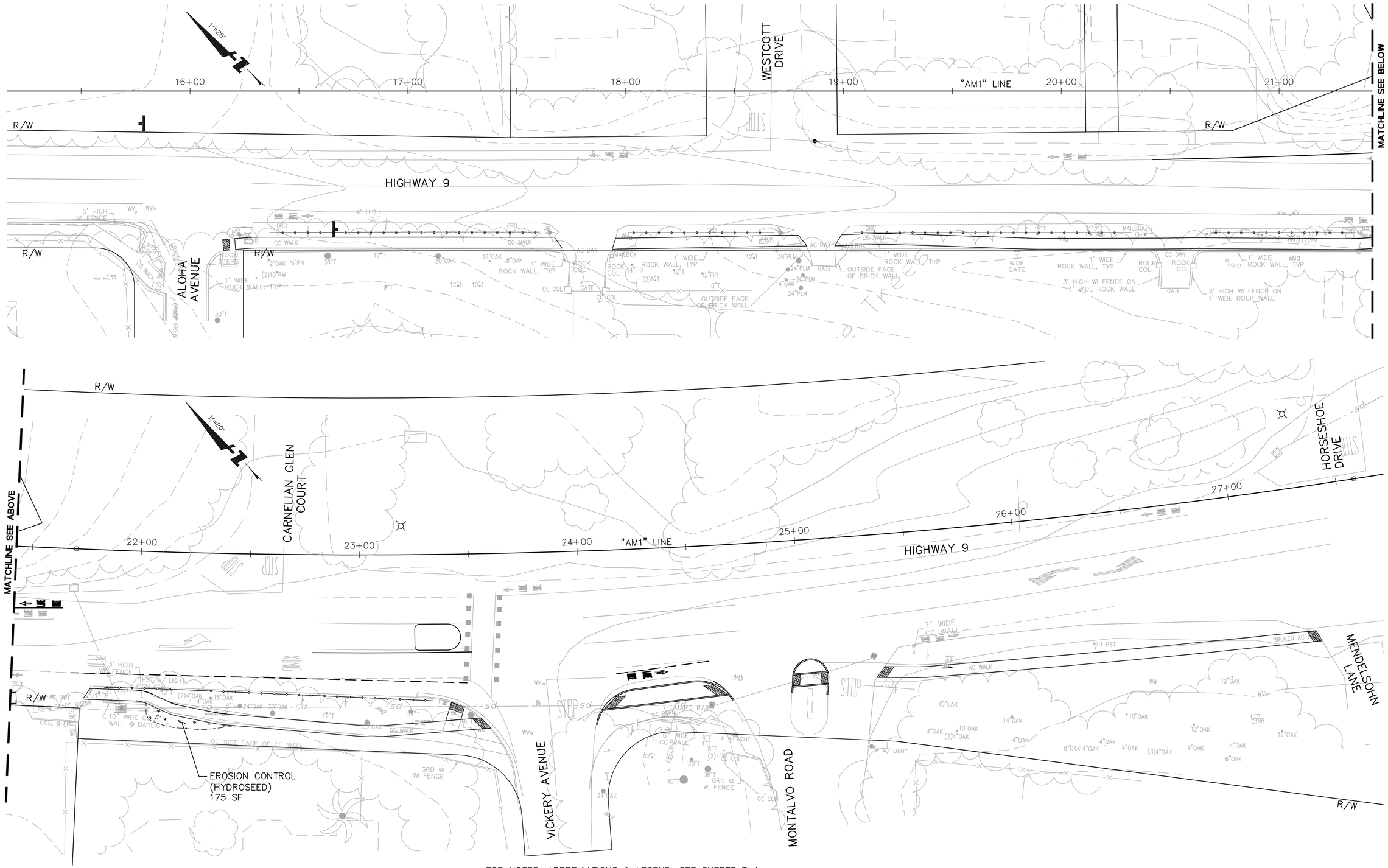
NOTES:

1. FOR PROPOSED SLOPES AND CONTOUR GRADING, SEE TYPICAL CROSS SECTIONS, LAYOUTS, AND GRADING SHEETS.

2. FOR ADDITIONAL EROSION CONTROL INFORMATION, SEE EROSION CONTROL SPECIFICATIONS.

LEGEND:

- FIBER ROLLS
- EROSION CONTROL (HYDROSEED)
- EXISTING DRAINAGE INLET




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1.

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# Highway 9 Safety Improvement Project Phase 2

# Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

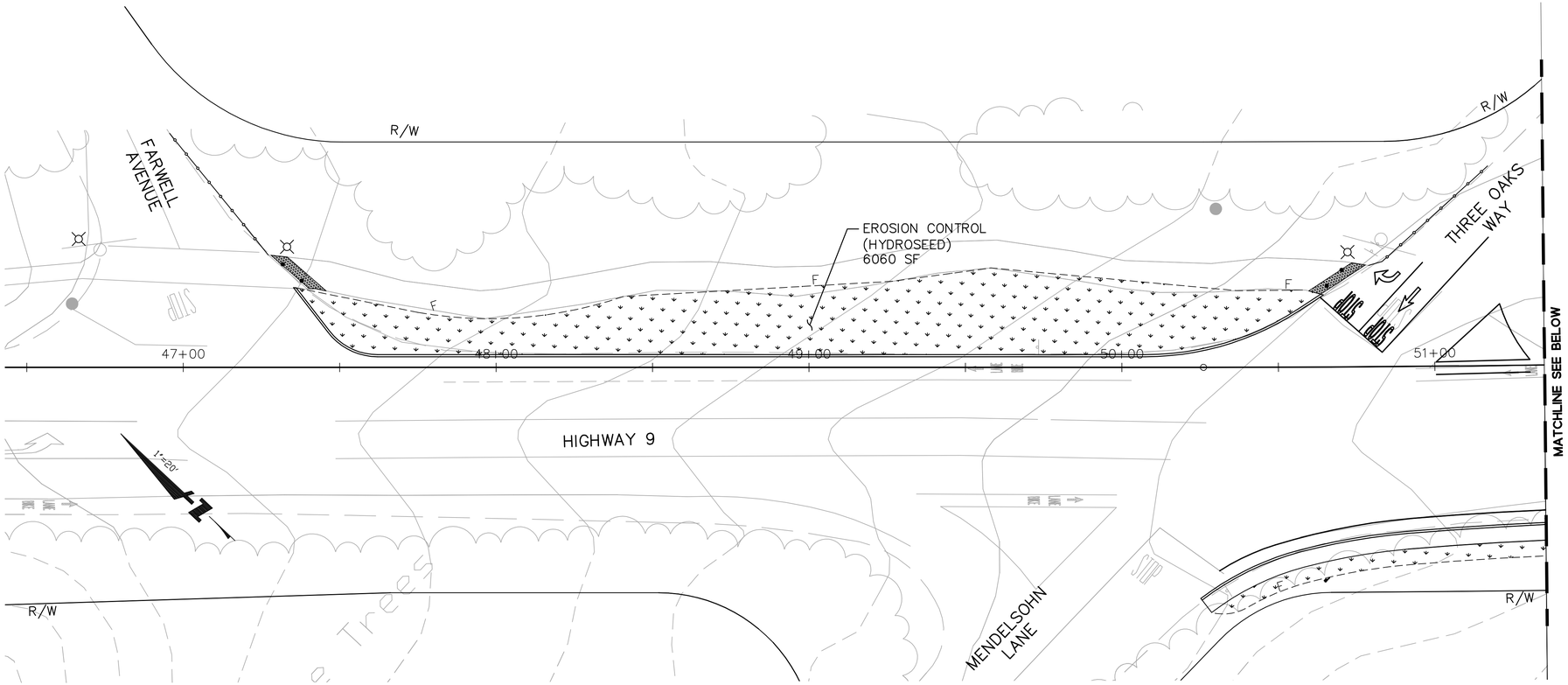
DATE 5/21/2012

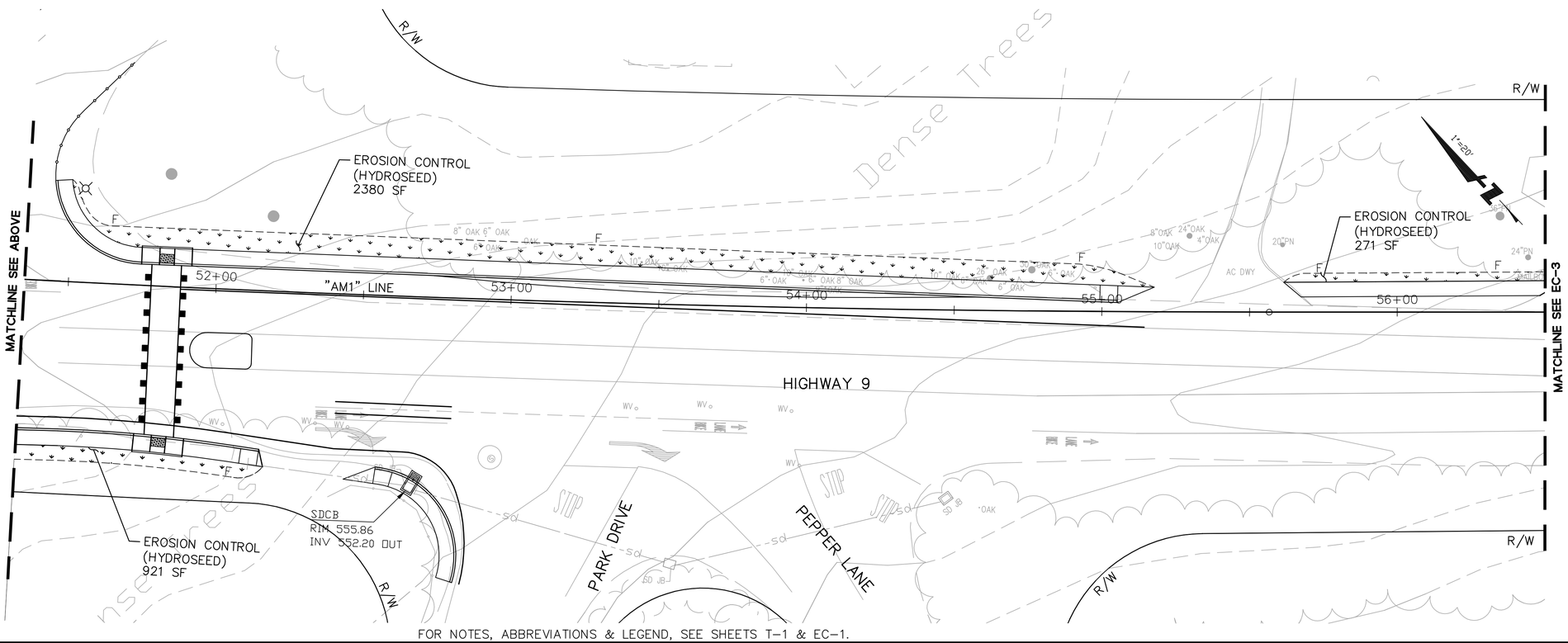
SCALE 1" = 20'

SHEET NO. EC-1

N:\PPW\TLG36X24.dwg

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Erosion Control\EC-1.dwg 23 May 2012 11:31:13am HERN




FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.

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SAN JOSE, CA 95110
(408) 467-9100

# Highway 9 Safety Improvement Project
## Phase 2
## Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012
SCALE 1" = 20'
SHEET NO. EC-2

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
PATH: DESIGNER:

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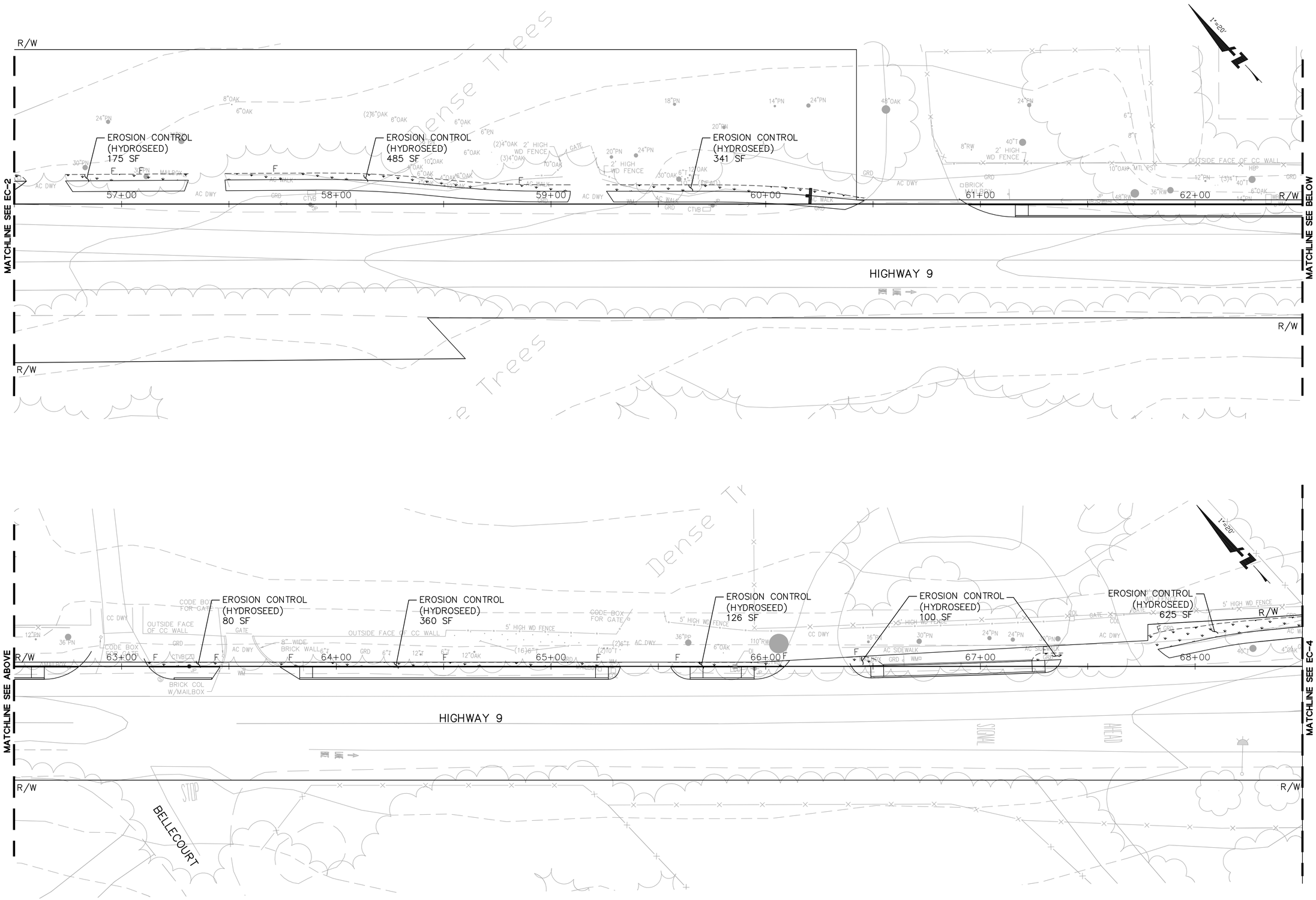


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.

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# Highway 9 Safety Improvement Project Phase 2

## Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. EC-3

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
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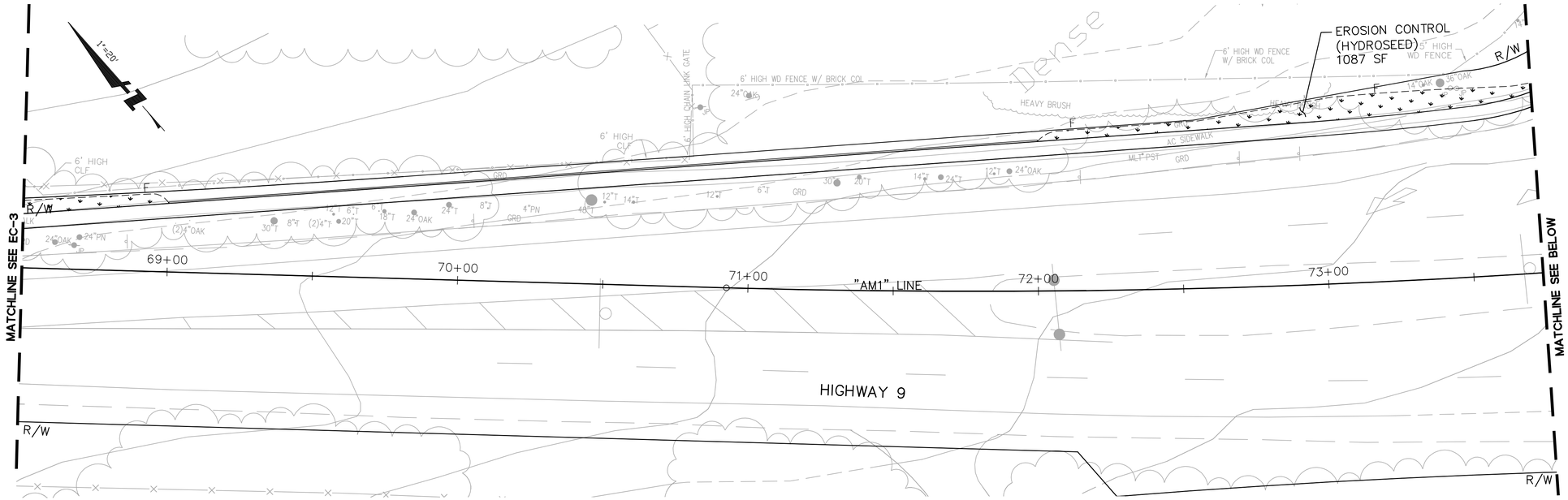


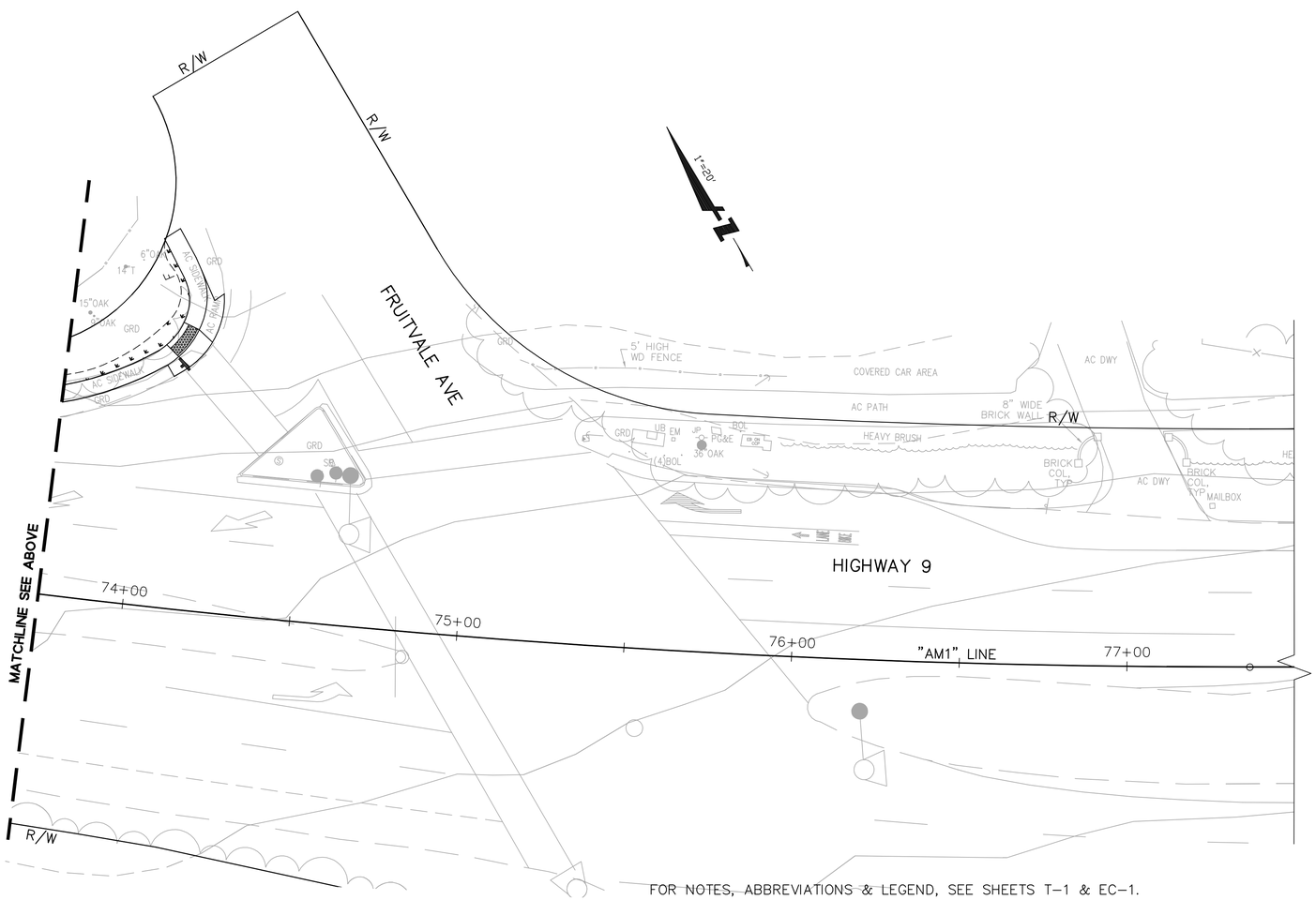


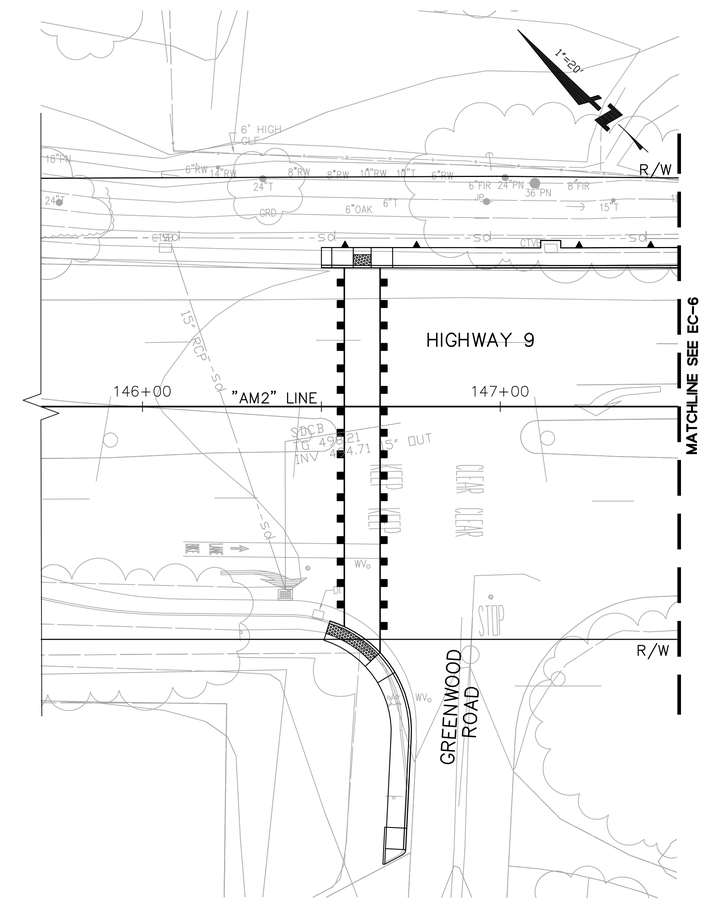


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.


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# Highway 9 Safety Improvement Project Phase 2

## Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. EC-4

N:\PPW\TLG36X24.dwg


XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Erosion Control\EC-4.dwg 23 May 2012 11:31:44am HERN
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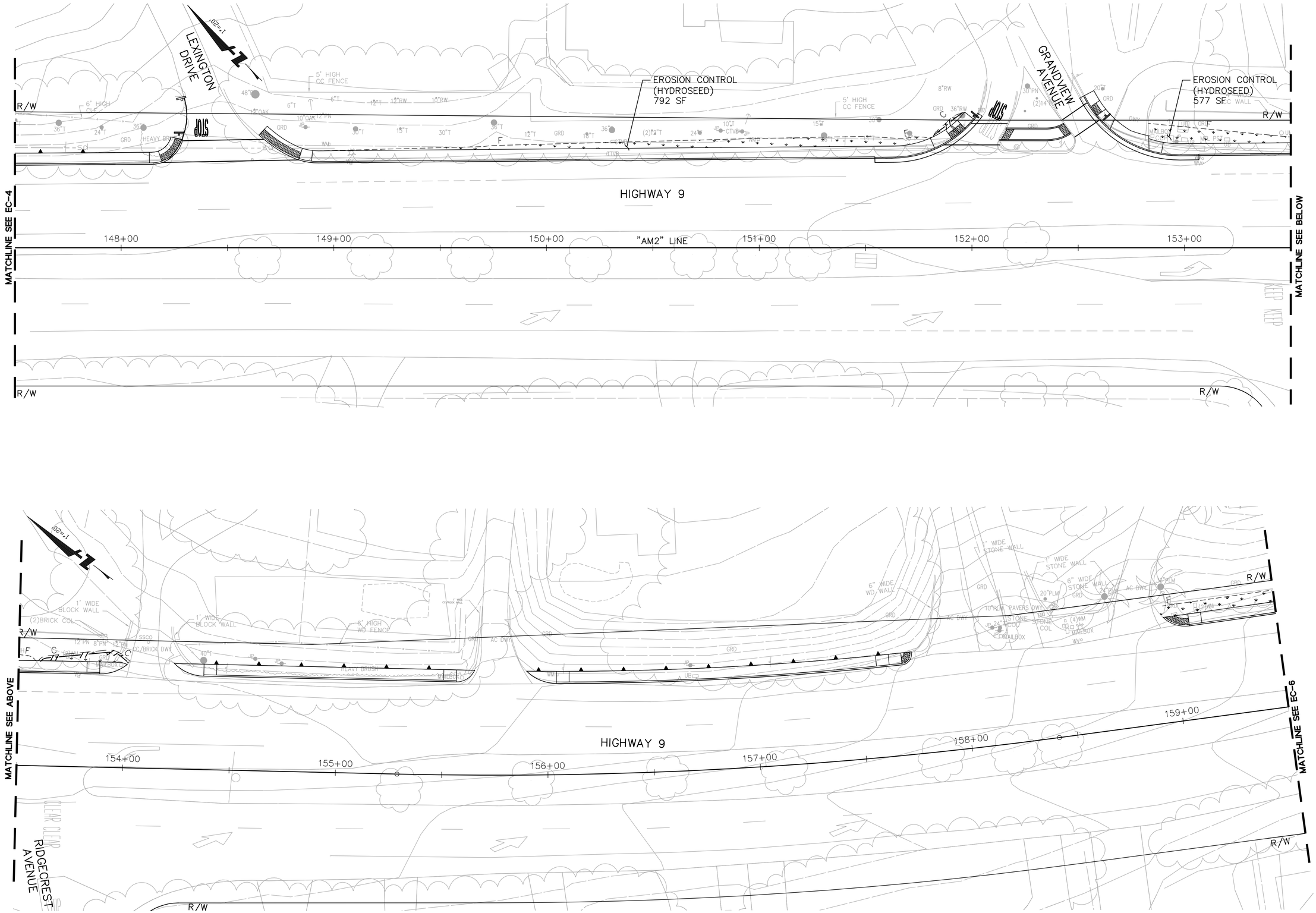


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.

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# Highway 9 Safety Improvement Project Phase 2

# Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. EC-5

N:\PPW\TLG36X24.dwg

XREFS: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Erosion Control\EC-5.dwg 23 May 2012 11:31:54am HERN

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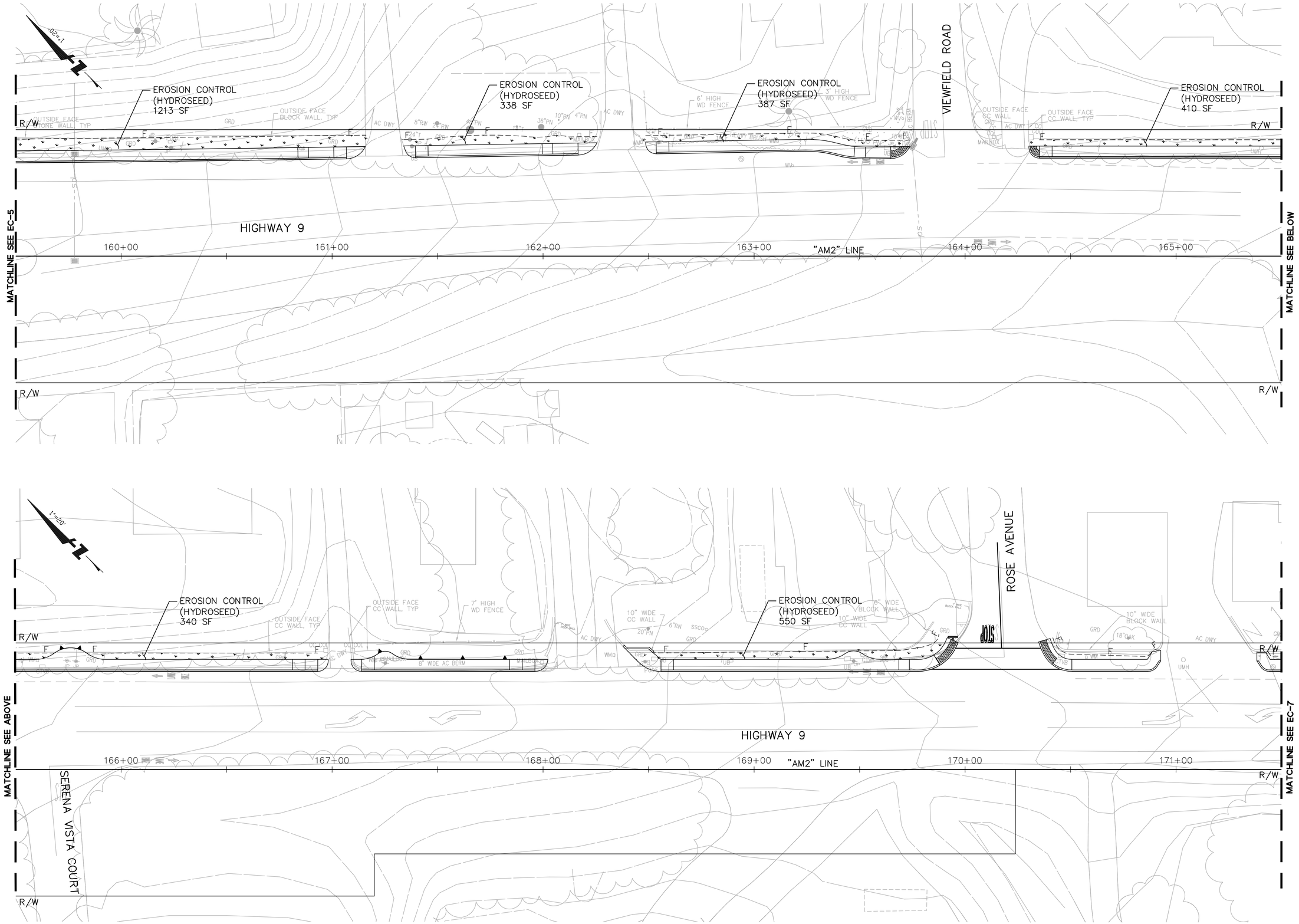


FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.

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# Highway 9 Safety Improvement Project Phase 2

## Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. EC-6

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME: PROJ. MGR:
SERVER: PLOTTING VIEW:
PATH: DESIGNER:

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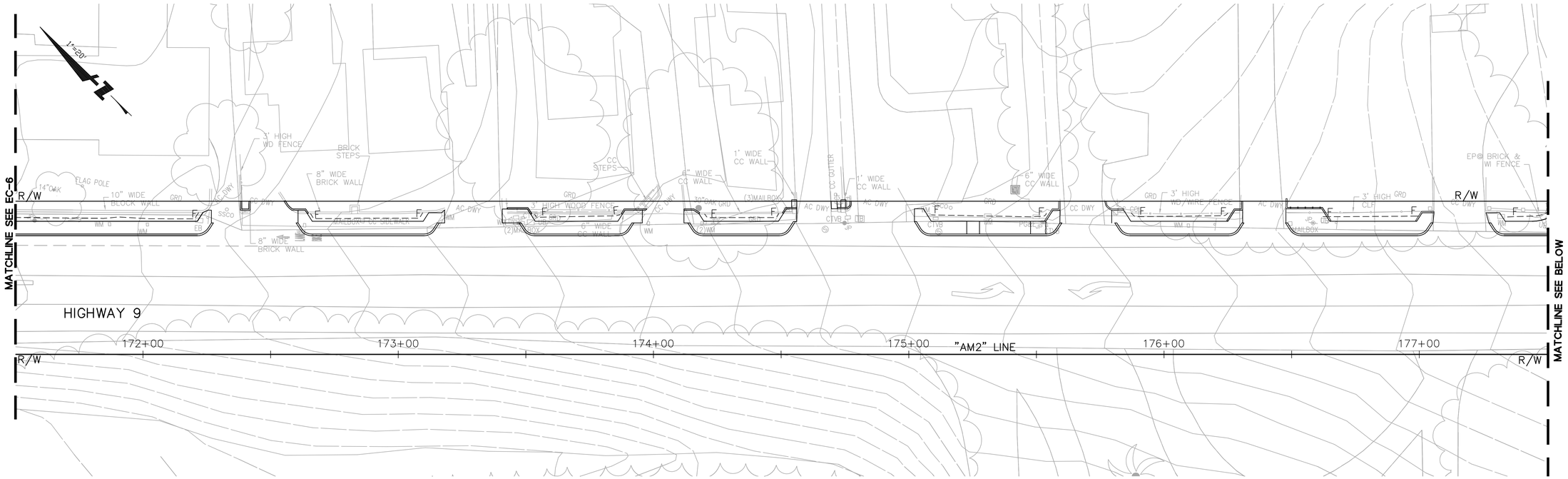


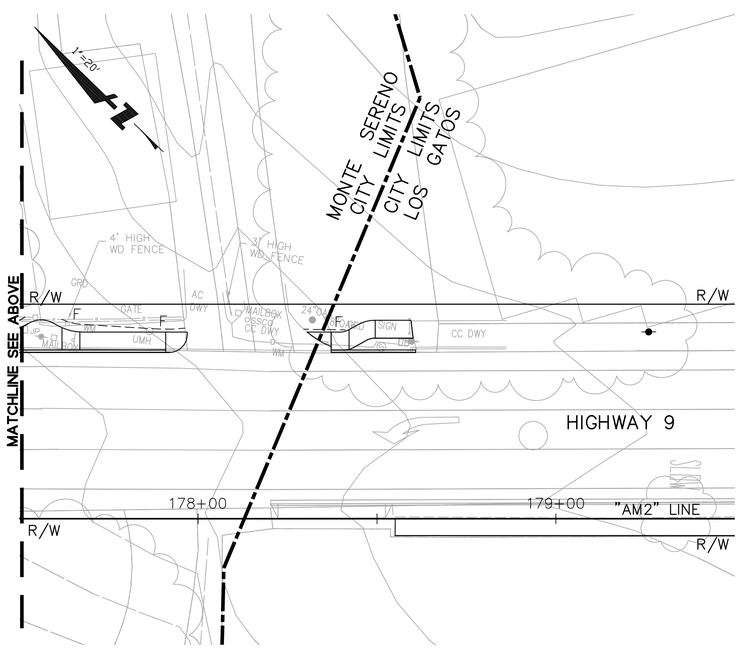


NO EROSION CONTROL WORK ON THIS SHEET

FOR NOTES, ABBREVIATIONS & LEGEND, SEE SHEETS T-1 & EC-1.

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# Highway 9 Safety Improvement Project Phase 2

## Erosion Control

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. EC-7

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
PATH: DESIGNER:

XREF'S: P:\Eng10\107004 - Hwy 9 Phase 2\DWG\Sheets\Erosion Control\EC-7.dwg 23 May 2012 11:32:14am HERN

NOTES:

1. ALL TRAFFIC CONTROL MEASURES SHALL COMPLY WITH THESE PLANS AND CALIFORNIA MUTCD 2010 EDITION.
2. CONTRACTOR SHALL MAINTAIN DRIVEWAY OPEN AT ALL TIMES.
3. CONTRACTOR SHALL PLACE PORTABLE DELINEATORS OR TRAFFIC CONES ALONG CONSTRUCTION AREAS @ 15' O.C.
4. CONTRACTOR SHALL COORDINATE WORK SUCH THAT ONLY TWO BLOCKS OR A MAXIMUM OF 500' OF HWY 9 WILL REQUIRE TRAFFIC CONTROL AT ANY GIVEN TIME. WORK SHALL NOT BEGIN AT A THIRD BLOCK OR NEW STREET SECTION BEFORE COMPLETION AT THE FIRST AND SECOND BLOCKS.

LEGEND:

- SIGN (DESIGNATION PER LATEST MUTCD EDITION – CALIFORNIA CODE)
- WORK AREA
- PORTABLE DELINEATORS OR TRAFFIC CONES @ 15' O.C.
- DIRECTION OF TRAVEL
- TYPE III BARRICADE

BIKE LANE CLOSED AHEAD

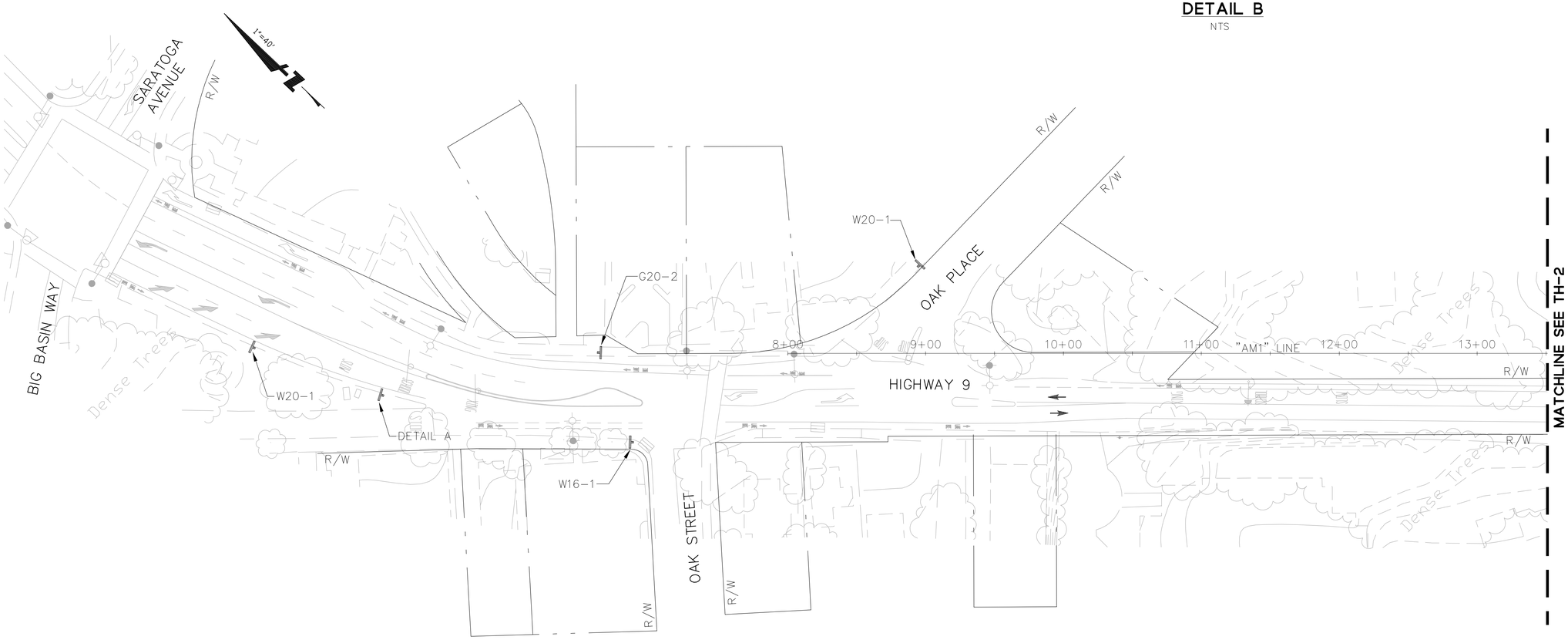
6" CAPS
36" x 36"
BLACK ON ORANGE

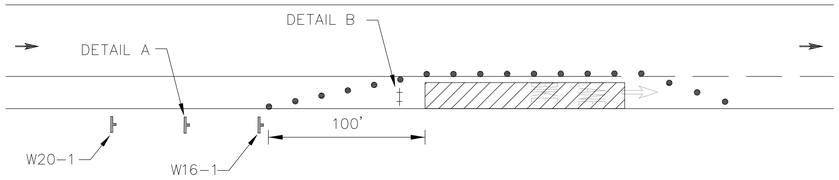
**DETAIL A**
NTS

BIKE LANE CLOSED

6" CAPS
48" x 24"
BLACK ON ORANGE

**DETAIL B**
NTS




**TYPICAL BIKE LANE CLOSURE DETAIL**

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# Highway 9 Safety Improvement Project Phase 2

## Traffic Handling Plan

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 40'

SHEET NO.
TH-1

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
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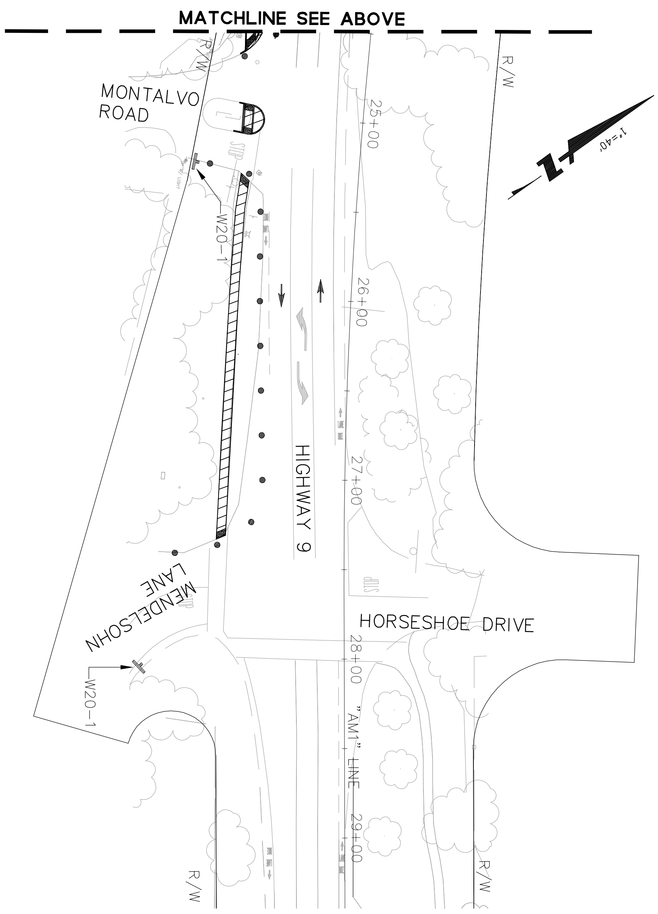


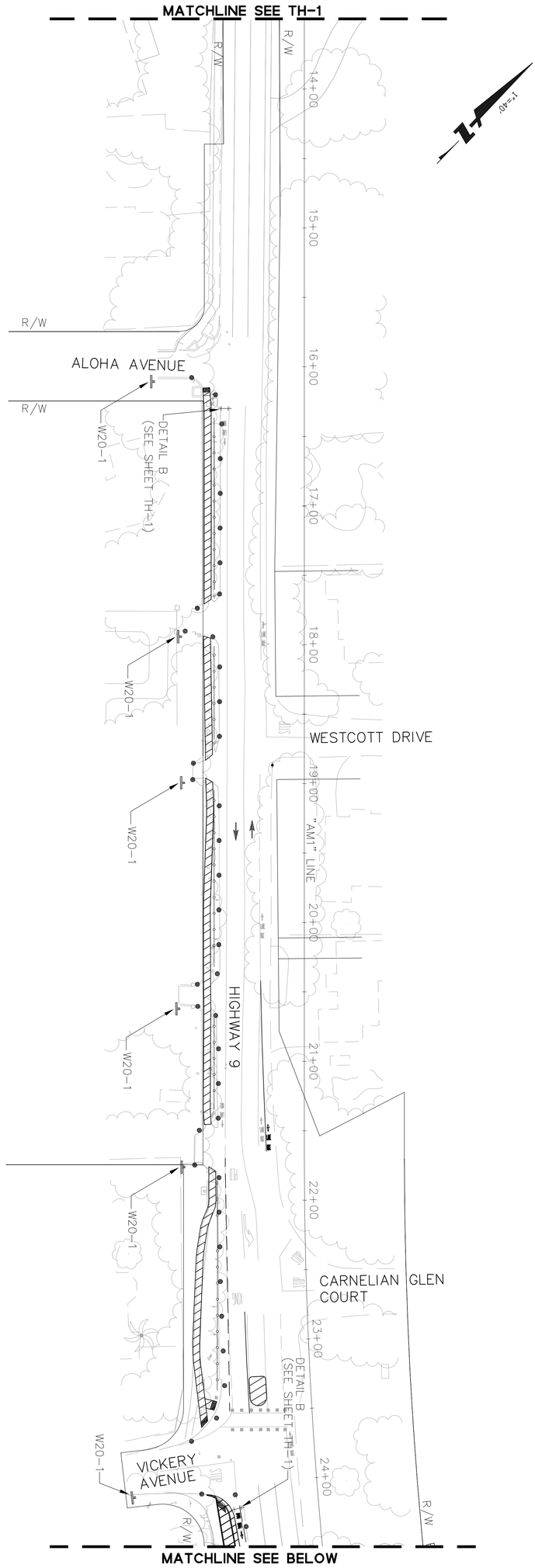


| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 40'
SHEET NO. TH-2

# Highway 9 Safety Improvement Project
# Phase 2

## Traffic Handling Plan

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N:\PPW\TLC35X24.dwg

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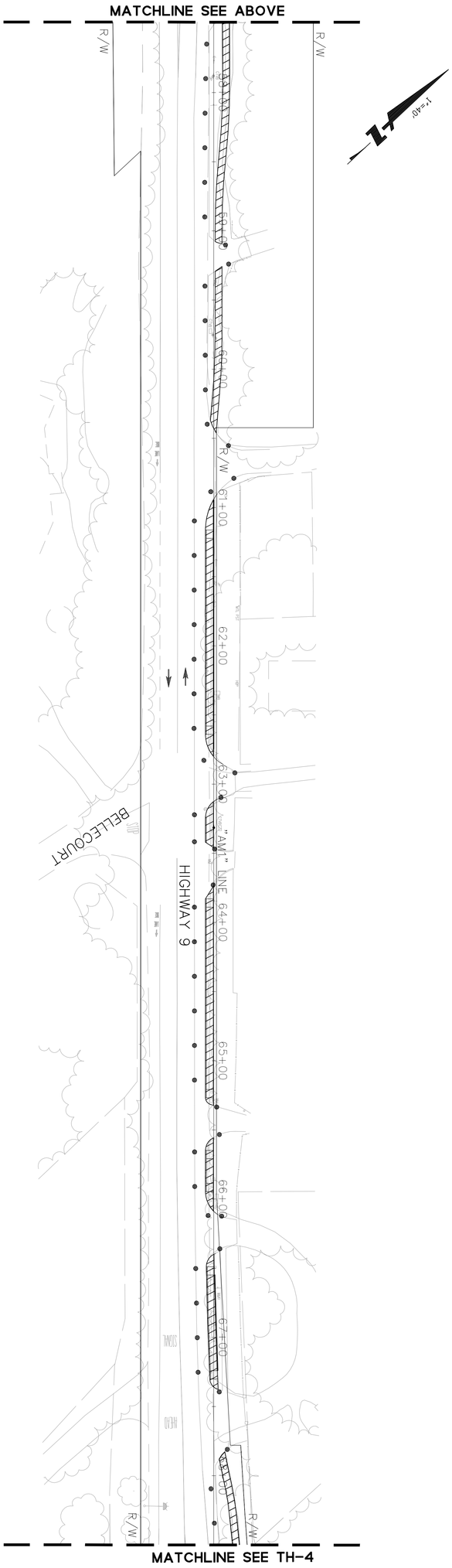


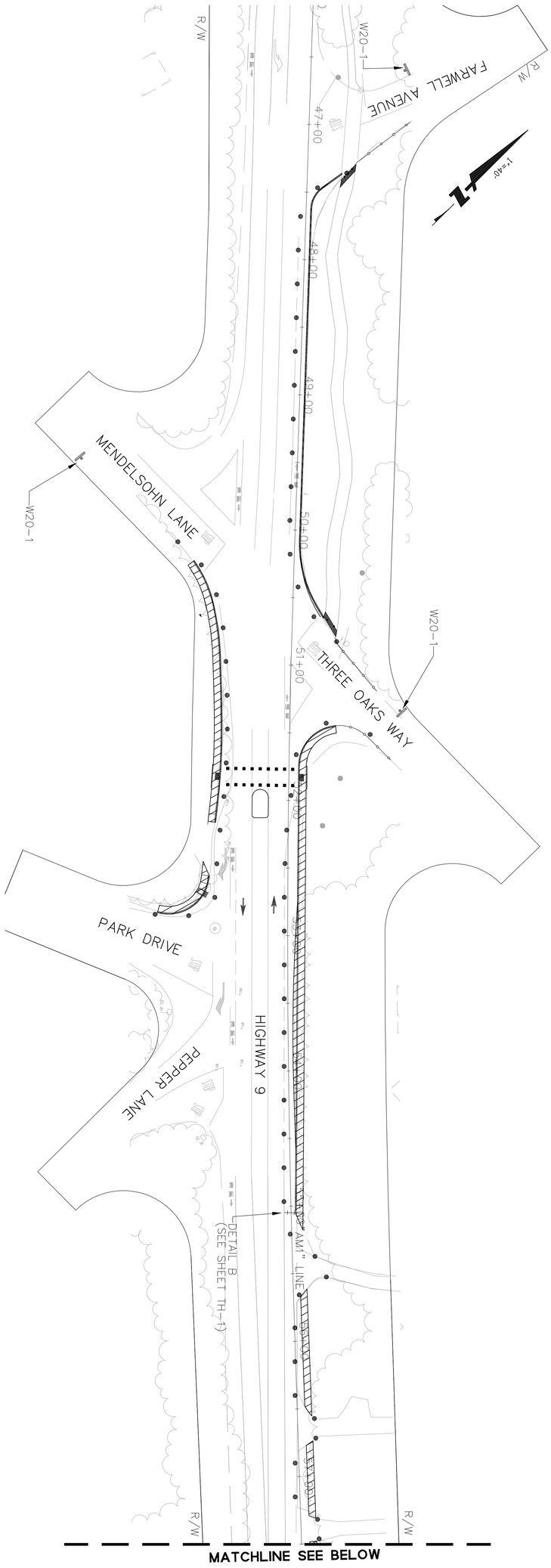


| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 40'
SHEET NO. TH-3

# Highway 9 Safety Improvement Project
# Phase 2

## Traffic Handling Plan

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1650 TECHNOLOGY DRIVE, SUITE 650
SAN JOSE, CA. 95110
(408) 467-9100

N:\PPW\TLG3SX24.dwg

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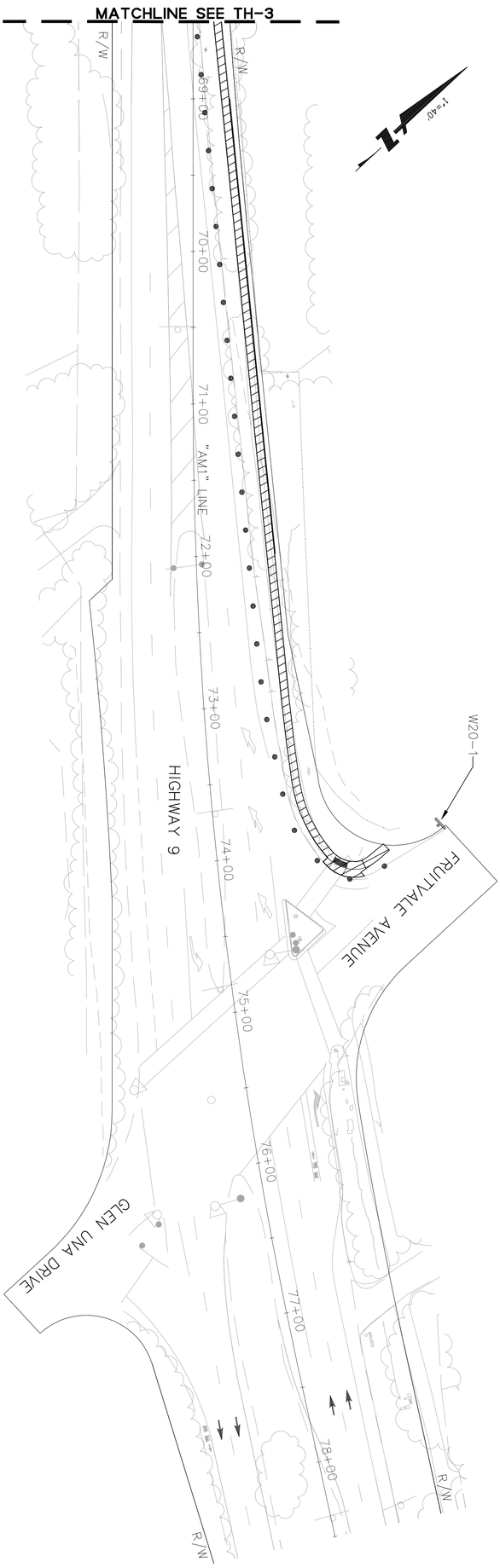


| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 40'
SHEET NO. TH-4

# Highway 9 Safety Improvement Project
# Phase 2

## Traffic Handling Plan

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SAN JOSE, CA. 95110
(408) 467-9100

N:\PPW\TLC35X24.dwg

DATE: TIME: DRAWING NAME:
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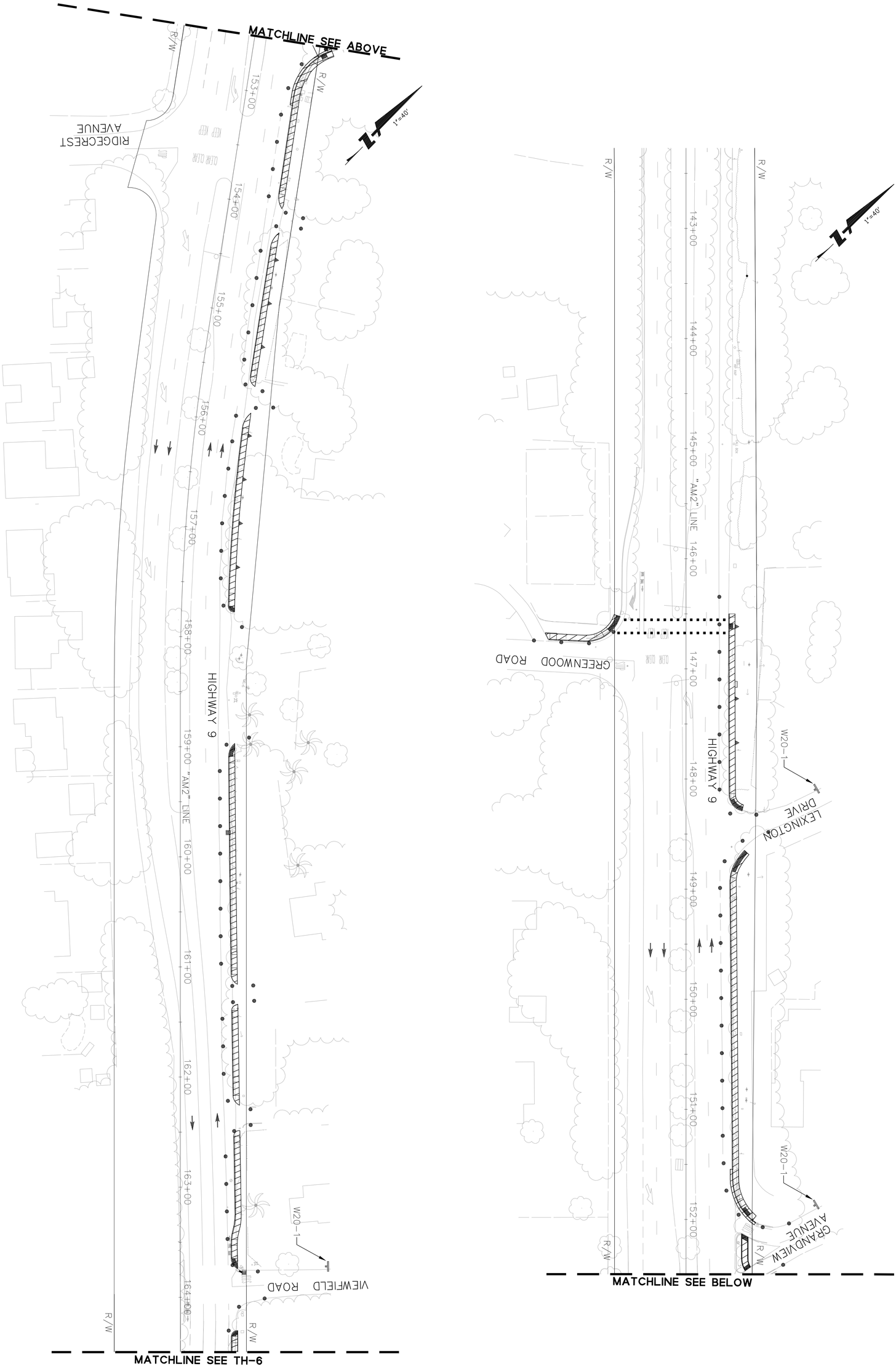


| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 40'
SHEET NO. TH-5

# Highway 9 Safety Improvement Project
# Phase 2

## Traffic Handling Plan

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SAN JOSE, CA. 95110
(408) 467-9100

N:\PPW\TLG3SX24.dwg

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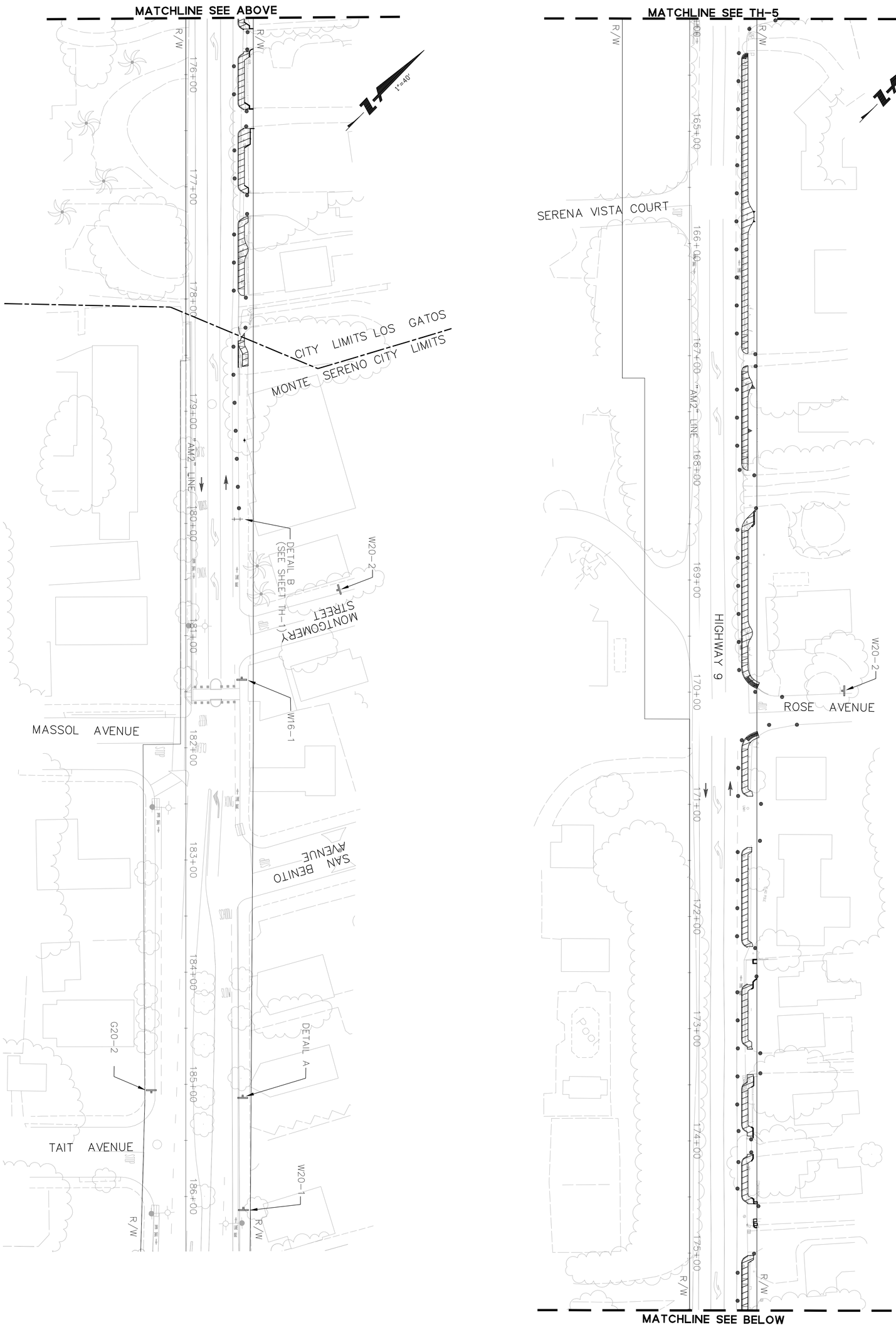


| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|
| | | | |

DATE 5/21/2012
SCALE 1" = 40'
SHEET NO. TH-6

# Highway 9 Safety Improvement Project
# Phase 2

## Traffic Handling Plan

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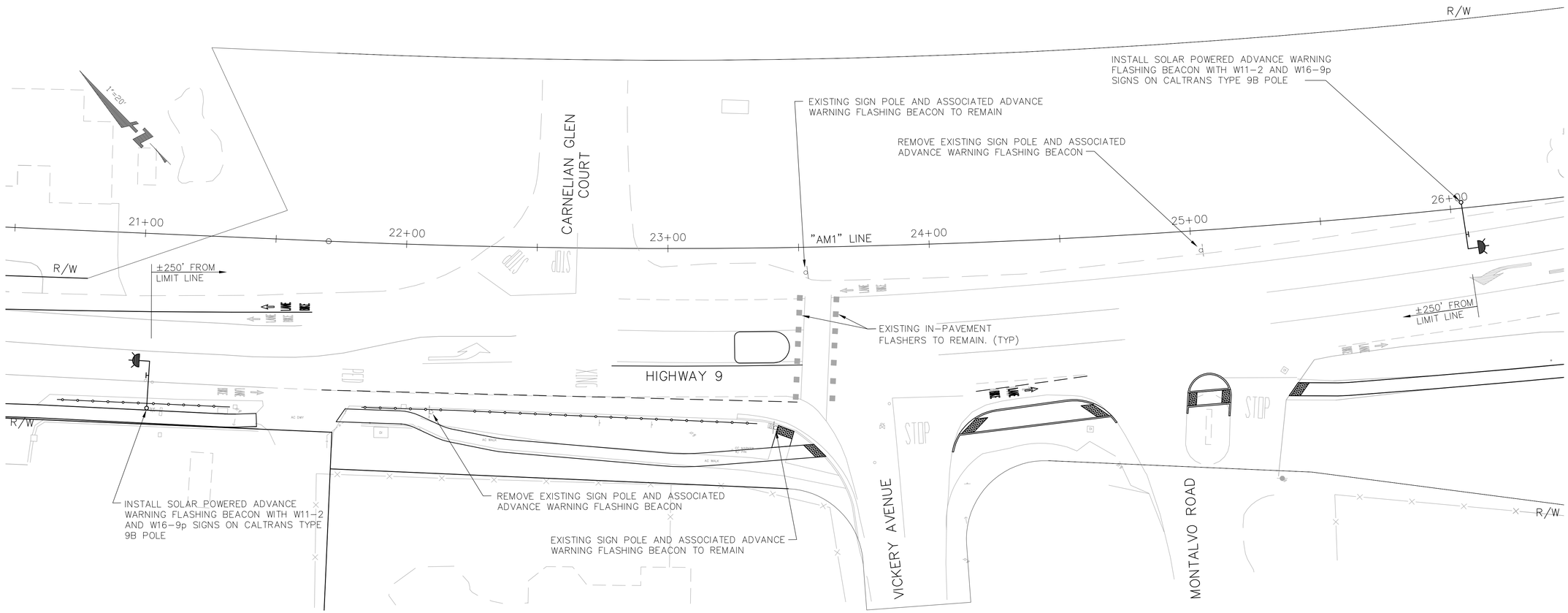
N:\PPW\TLG3SX24.dwg

NOTES:

1. ALL ELECTRICAL WORK AND LIGHTING EQUIPMENT SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS DATED MAY 2006. SEE TECHNICAL PROVISIONS FOR ADDITIONAL INFORMATION.
2. ALL ROADWAY SIGNING SHALL CONFORM TO CALTRANS STANDARD PLANS DATED MAY 2006, STANDARD SPECIFICATIONS, AND THE CALIFORNIA 2010 MUTCD.
3. EXACT LOCATION OF FLASHING WARNING SIGNS AND BEACON SHALL BE DETERMINED BY THE ENGINEER.
4. CONTRACTOR SHALL REMOVE EXISTING PAVEMENT DELINEATION WHICH CONFLICT WITH THIS PLAN.
5. ALL PAVEMENT STRIPING AND MARKING SHALL BE THERMOPLASTIC.





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# Highway 9 Safety Improvement Project Phase 2

# In-Pavement Lighting

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. E-1

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME: PROJ. MGR:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER:

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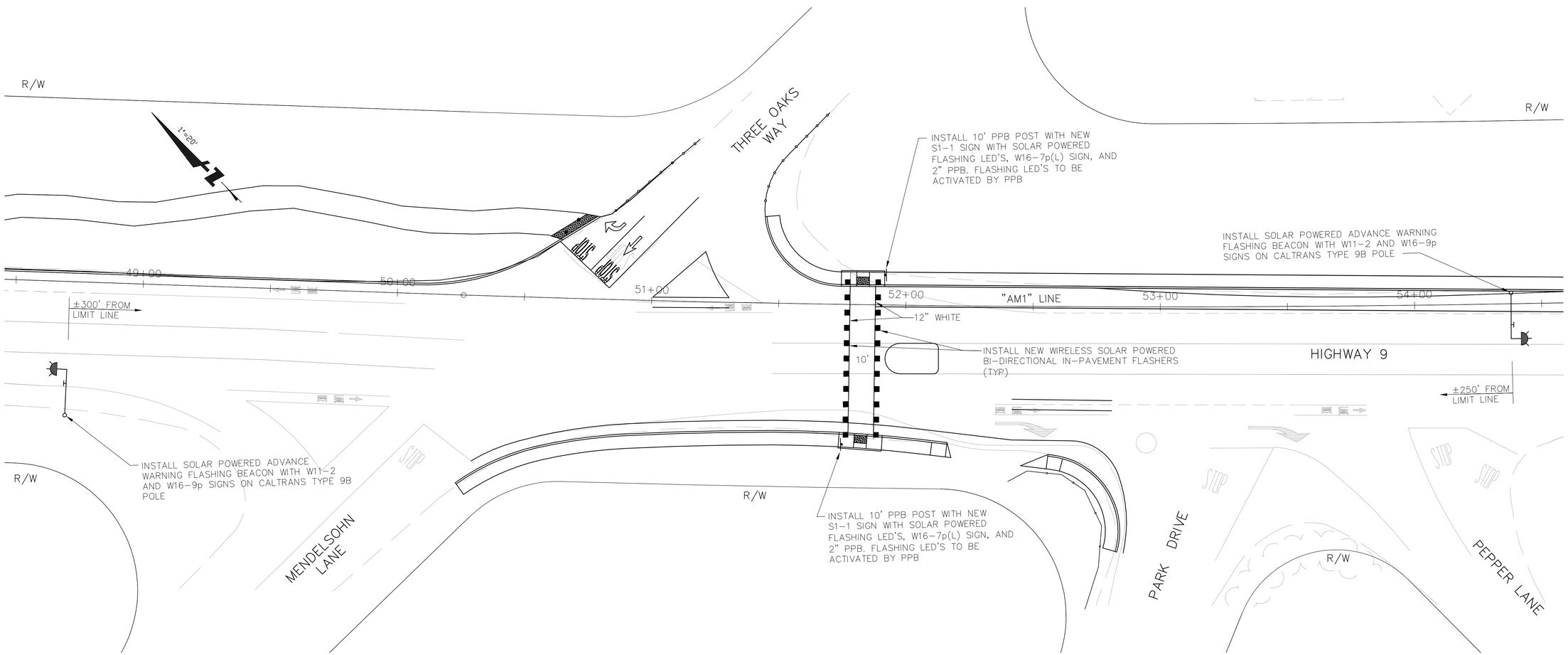


FOR NOTES SEE SHEET E-1


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# Highway 9 Safety Improvement Project Phase 2

## In-Pavement Lighting

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. E-2


DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
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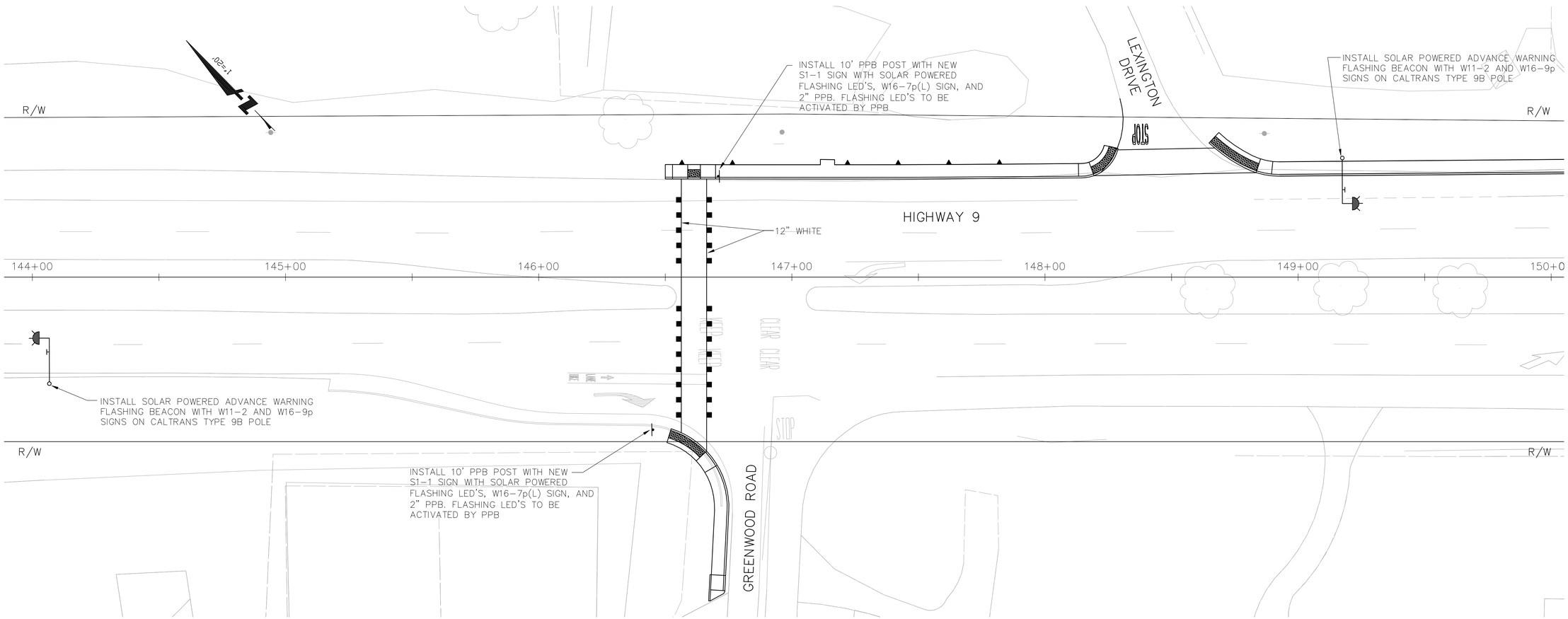


FOR NOTES SEE SHEET E-1


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# Highway 9 Safety Improvement Project Phase 2

## In-Pavement Lighting

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE
5/21/2012

SCALE
1" = 20'

SHEET NO.
E-3

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
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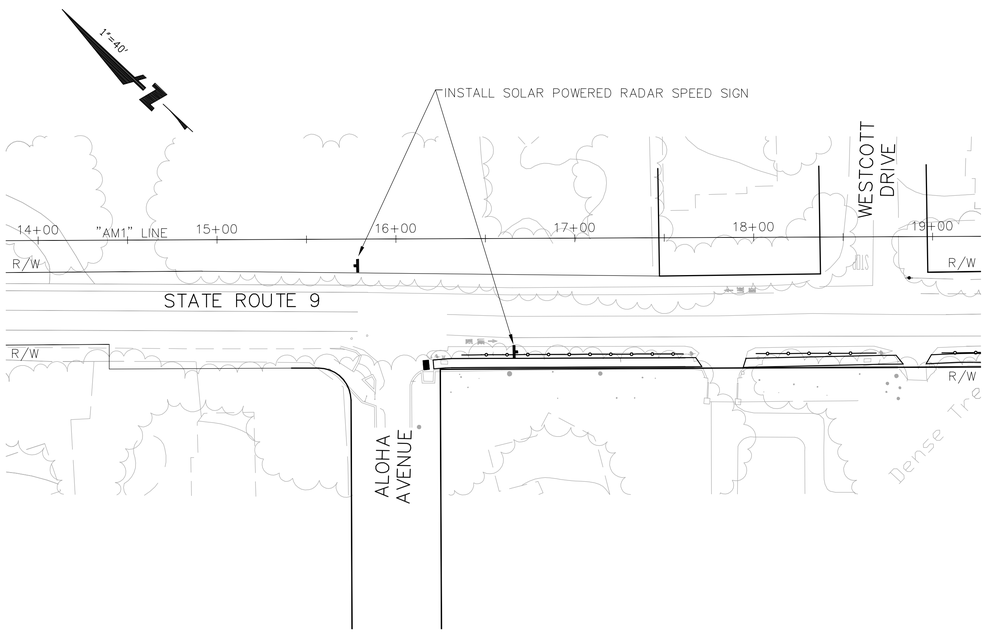
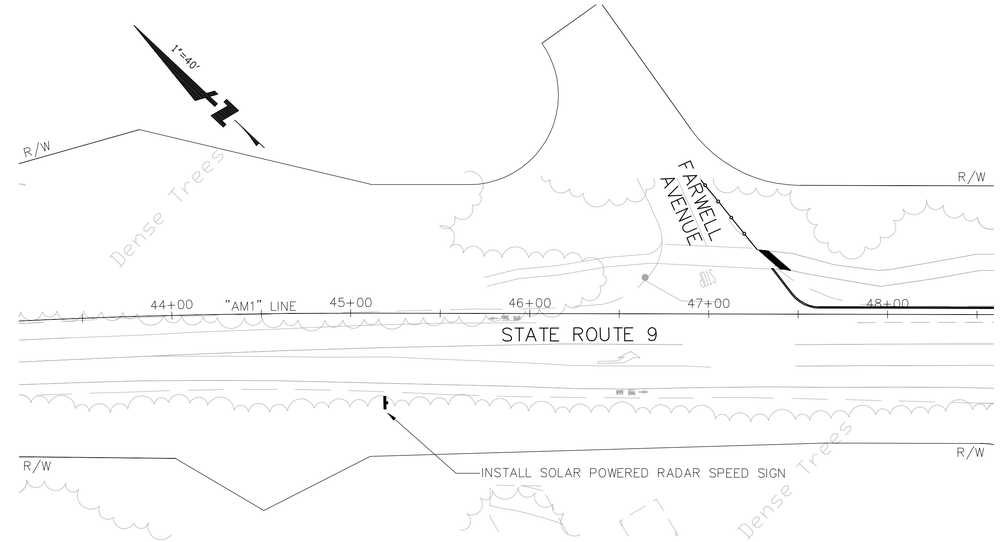
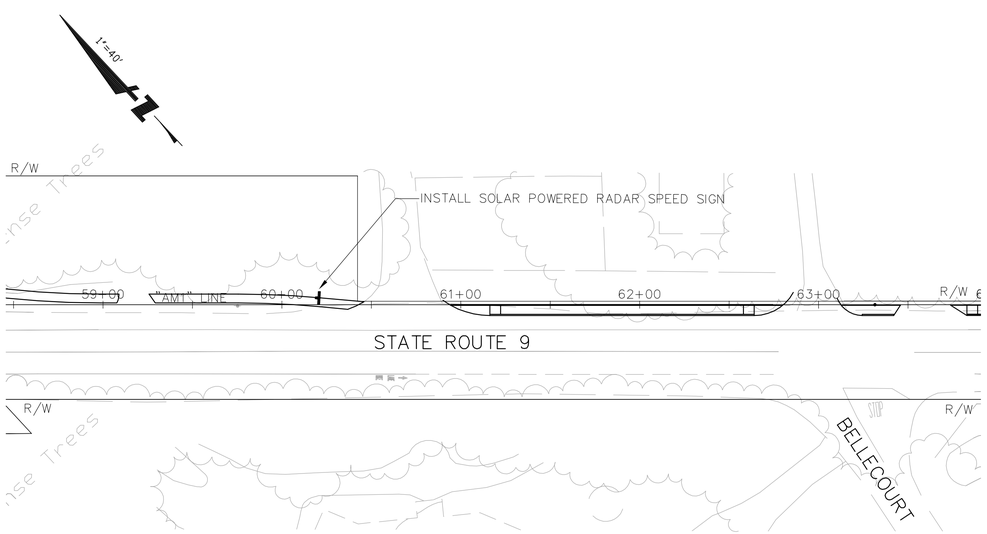


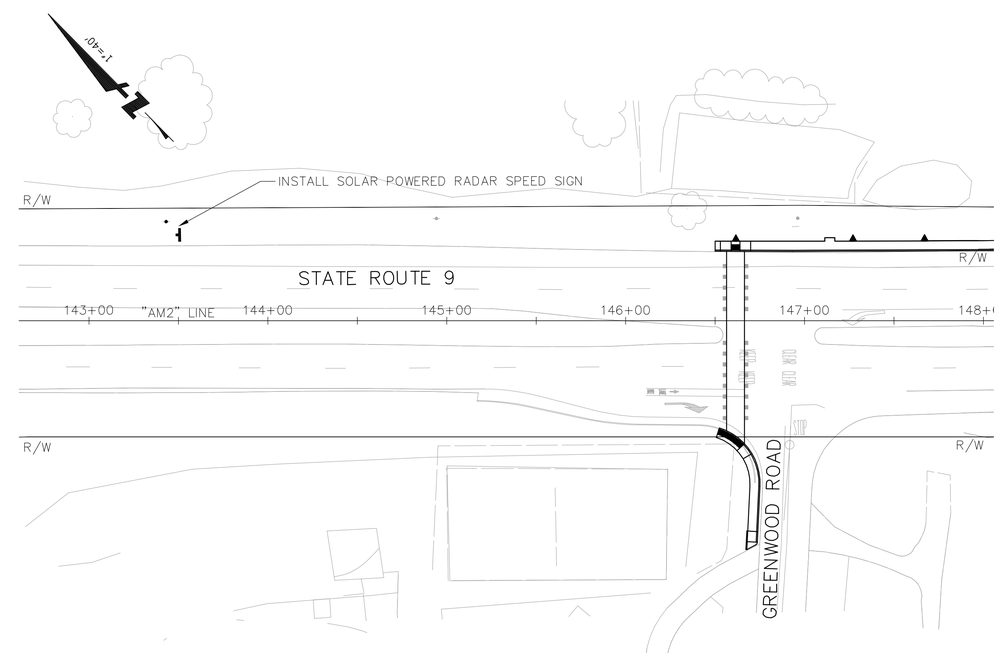

LOCATION 1




LOCATION 2




LOCATION 3




LOCATION 4

FOR NOTES SEE SHEET E-1

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# Highway 9 Safety Improvement Project Phase 2

## Solar Powered Speed Sign

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 40'

SHEET NO. E-4

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW: PROJ. MGR:
PATH: DESIGNER:

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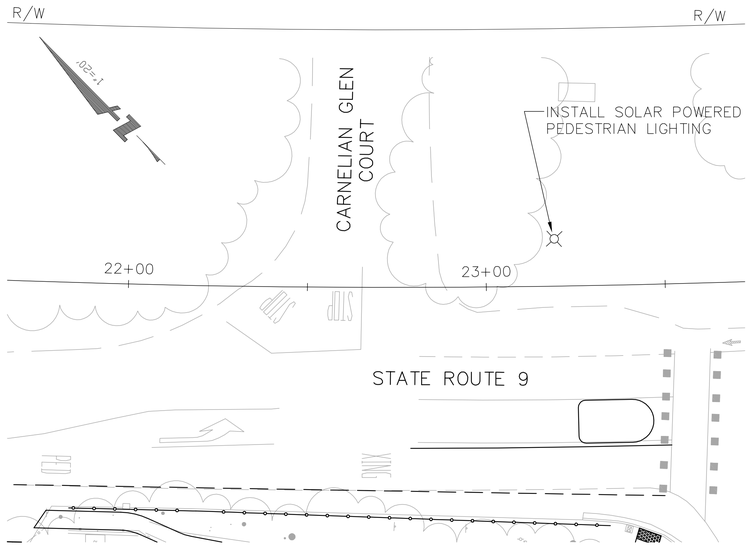
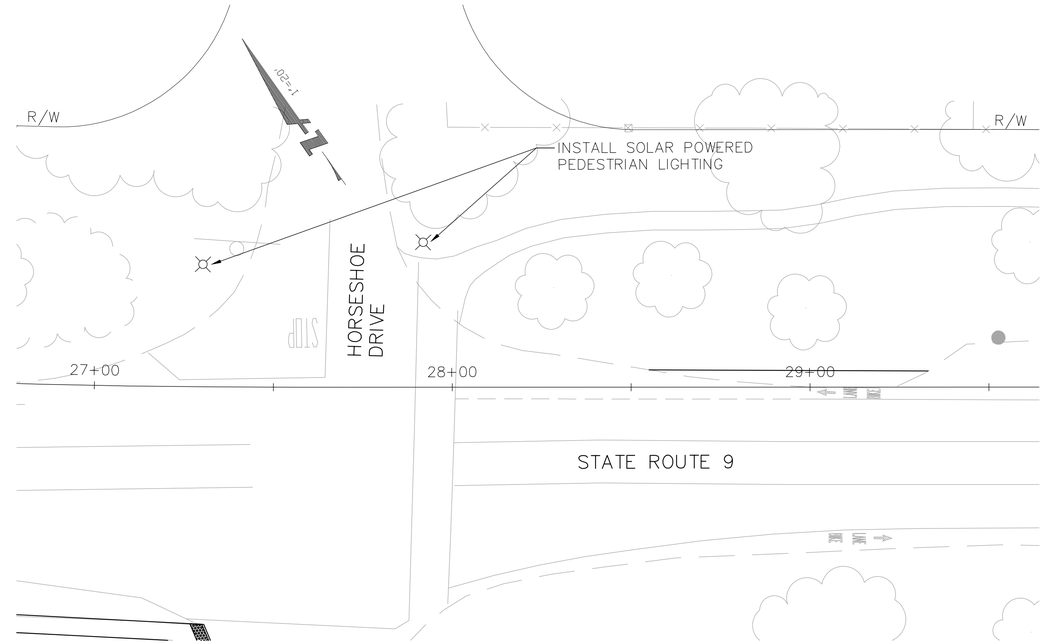


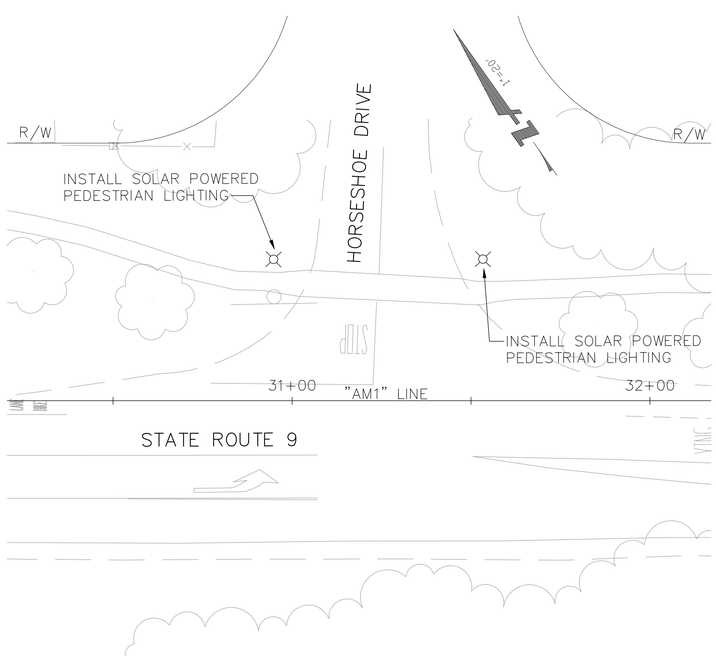

## CARNELIAN GLEN COURT INTERSECTION

SCALE: 1"=20'



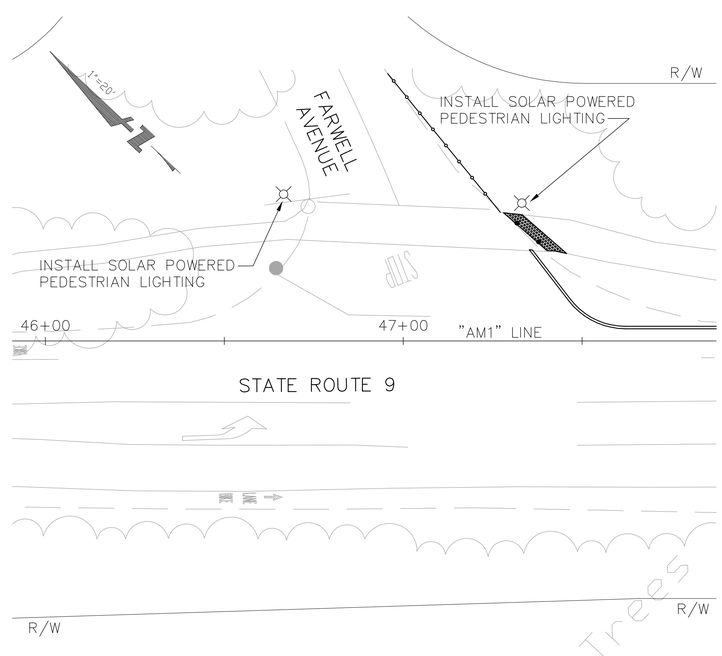

## HORSESHOE DRIVE INTERSECTION

SCALE: 1"=20'



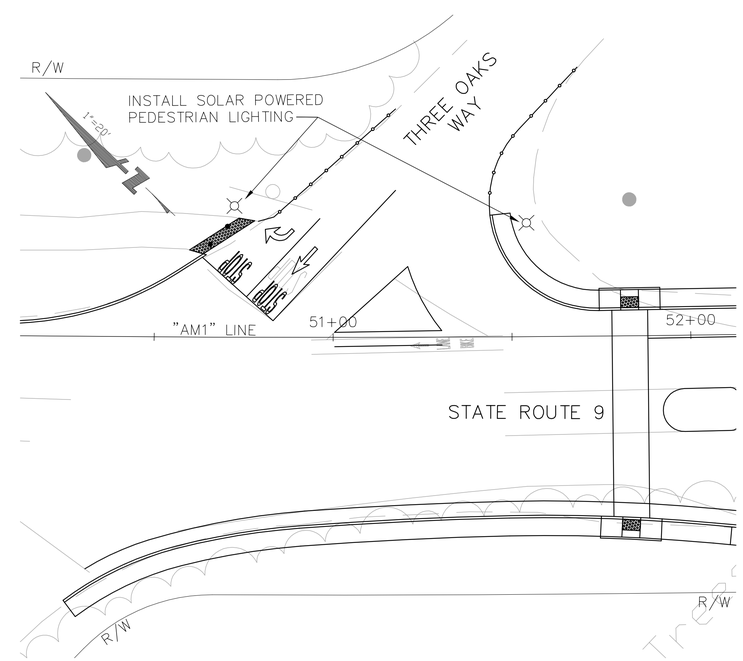

## HORSESHOE DRIVE INTERSECTION

SCALE: 1"=20'




## FARWELL AVENUE INTERSECTION

SCALE: 1"=20'




## THREE OAKS WAY INTERSECTION

SCALE: 1"=20'

FOR NOTES SEE SHEET E-1

BKF
ENGINEERS / SURVEYORS / PLANNERS
5650 TECHNology DRIVE, SUITE 650
SAN JOSE, CA 95110
(408) 467-9100

# Highway 9 Safety Improvement Project Phase 2

# Solar Powered Pedestrian Lighting

| NO. | BY | DATE | REVISIONS: |
|---|---|---|---|

DATE 5/21/2012

SCALE 1" = 20'

SHEET NO. E-5

N:\PPW\TLG36X24.dwg

DATE: TIME: DRAWING NAME:
SERVER: SERVICE: PLOTTING VIEW:
PATH: DESIGNER: PROJ. MGR:

XREFS: K:\ENGIN\070043_N\DWG\Sheets\Final 05-22-2012\In Pavement Lighting\05 E-5.dwg 23 May 2012 8:26:55am nelk