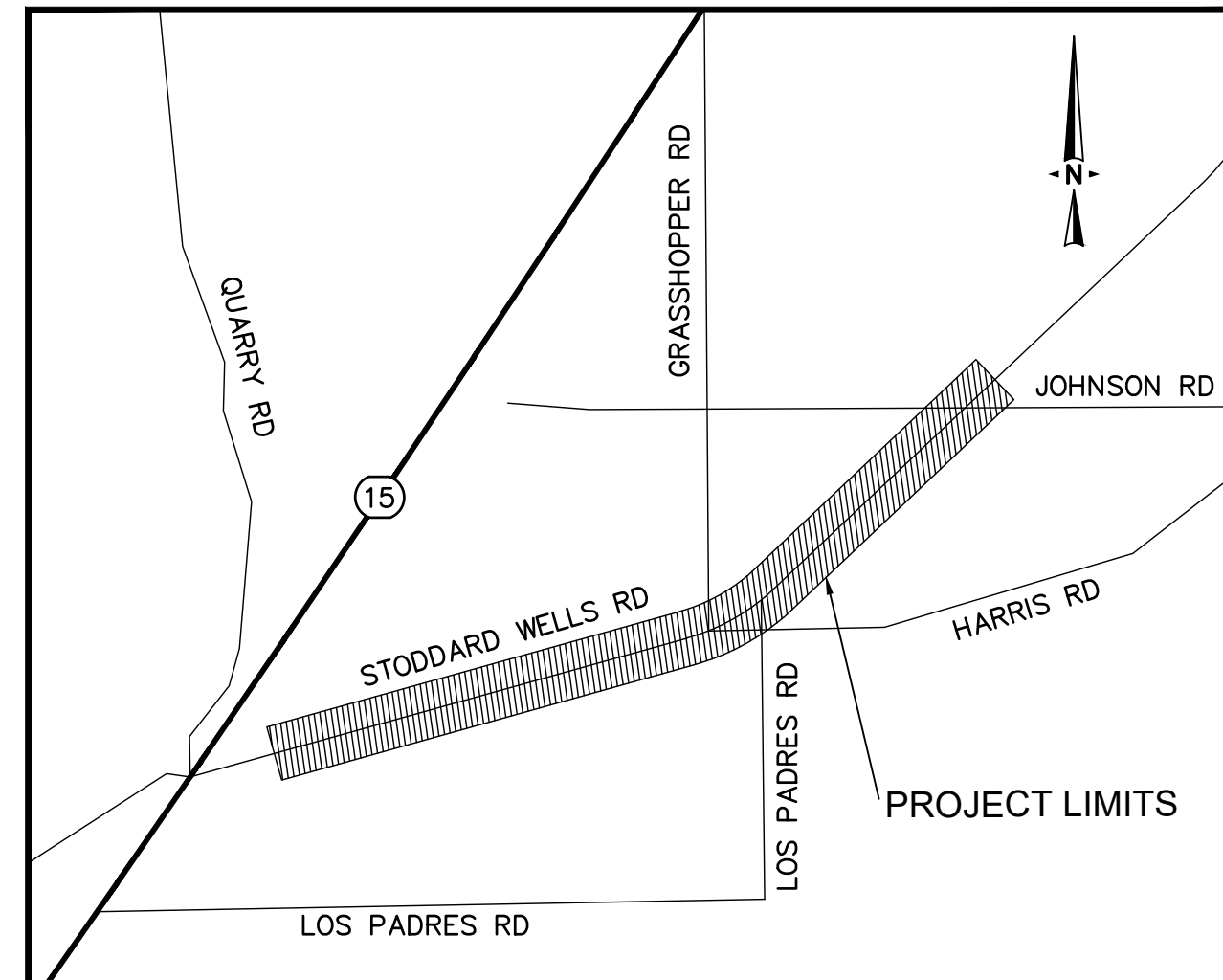


TOWN OF APPLE VALLEY

STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD



KEY MAP
NO SCALE

INDEX TO PROJECT DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-5	TYPICAL SECTION DETAILS
6-23	STREET PLANS
24-32	STRIPING PLANS

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD TITLE SHEET		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. <u>1</u>	DRAWING NO.
	OF <u>32</u> SHEETS	

Underground Service Alert
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or 811
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BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

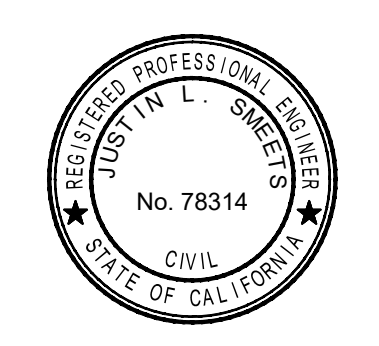
BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:

JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE X/XX/2020
DESIGNED XXX DRAWN XXX
CHECKED JLS DATE X/XX/XXXX

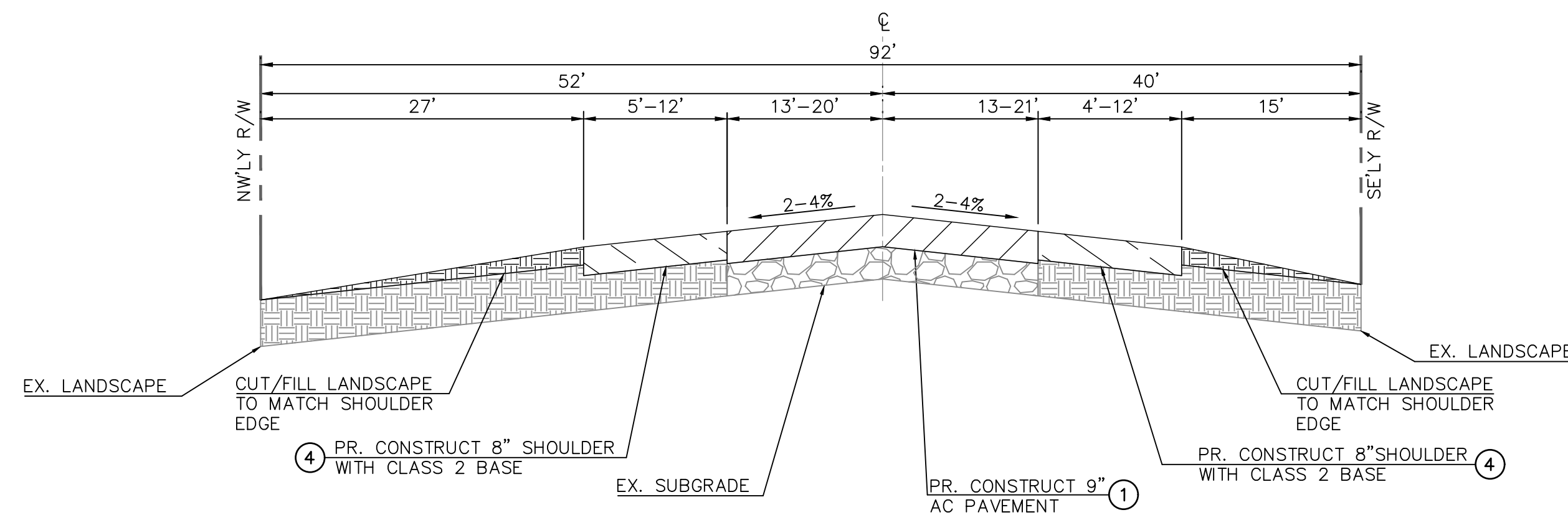


REVISIONS

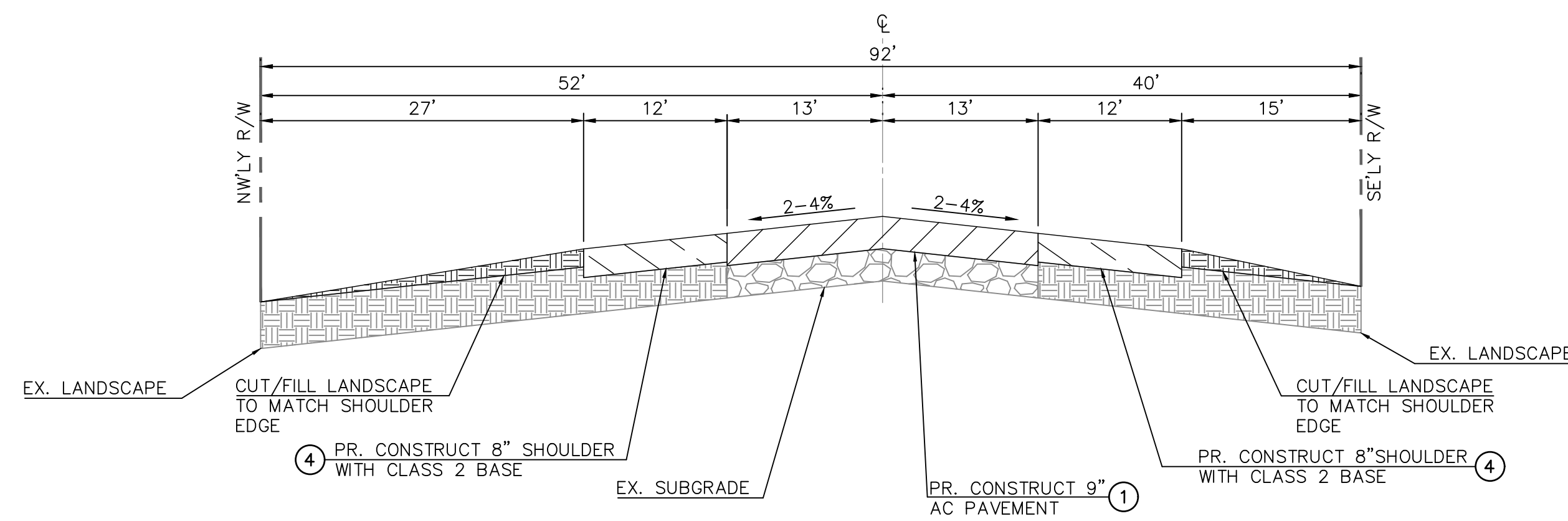
DATE	DESCRIPTION

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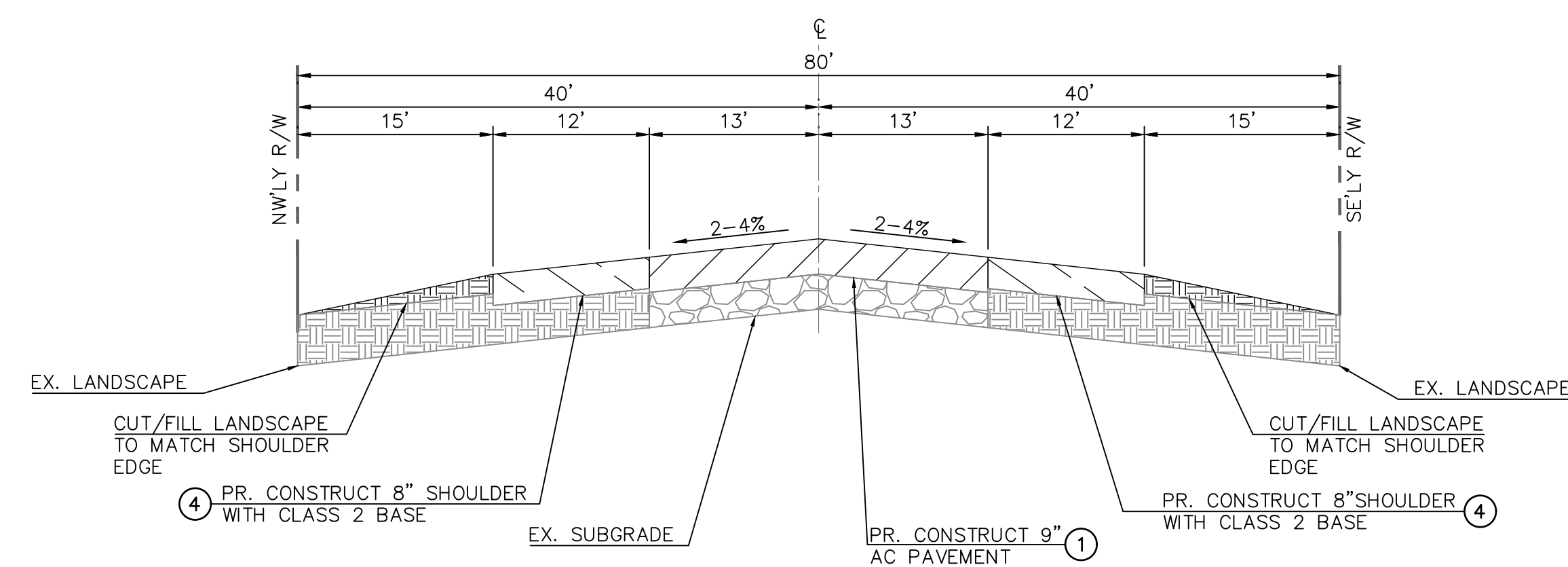
TYPICAL SECTIONS - HIGH R VALUE SEGMENT



TYPICAL SECTION - STODDARD WELLS ROAD
STA 17+85.13 TO 19+49.70
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 19+49.70 TO 35+91.18
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 35+91.18 TO 85+78.92
NTS

CONSTRUCTION NOTES

- REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28 COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT SHOULDER WITH CLASS II AGGREGATE BASE MATERIAL.
- CONSTRUCT STREET BASE WITH CLASS II AGGREGATE BASE MATERIAL.
- EXISTING AGGREGATE BASE.
- CUT/FILL LANDSCAPE TO MATCH SHOULDER EDGE.
- EXISTING LANDSCAPE.

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD TYPICAL SECTIONS		
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 2	DRAWING NO.
	OF 32 SHEETS	

Underground Service Alert
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or **811**
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BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, DESCRIBED AS FOLLOWS:

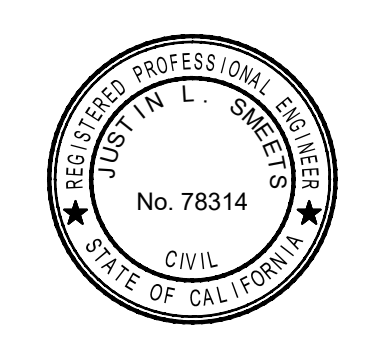
STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270
JUSTIN L. SWEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:

JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE X/XX/2020
DESIGNED XXX DRAWN XXX
CHECKED JLS DATE X/XX/XXXX



REVISIONS

DATE	DESCRIPTION

C:\Users\ryann\OneDrive\Documents\Projects\Stoddard Well\15 Road Widening\Project\Drawings\30% Plans\2 TYPICAL SECTIONS.dwg 10/22/20 - S. Ryan ryann

TYPICAL SECTIONS - LOW R VALUE SEGMENT




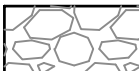
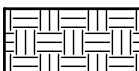

OPTION A

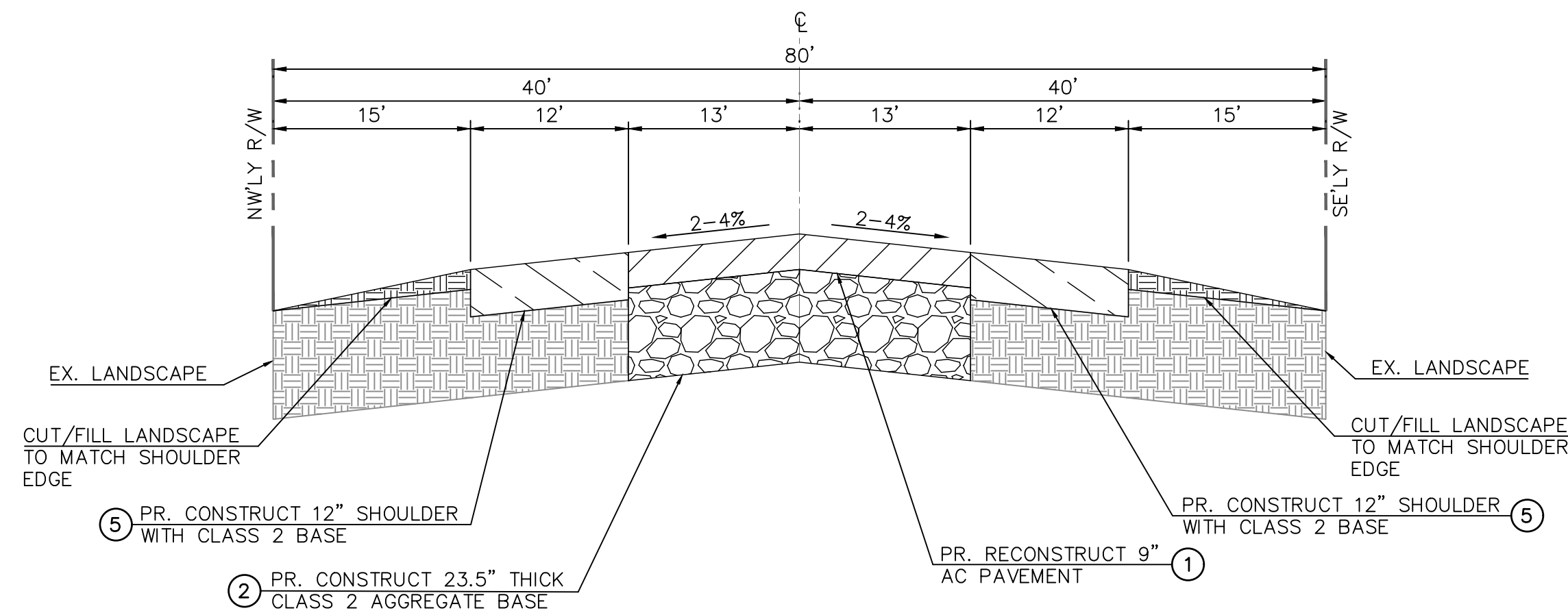
OPTION B

CONSTRUCTION NOTES

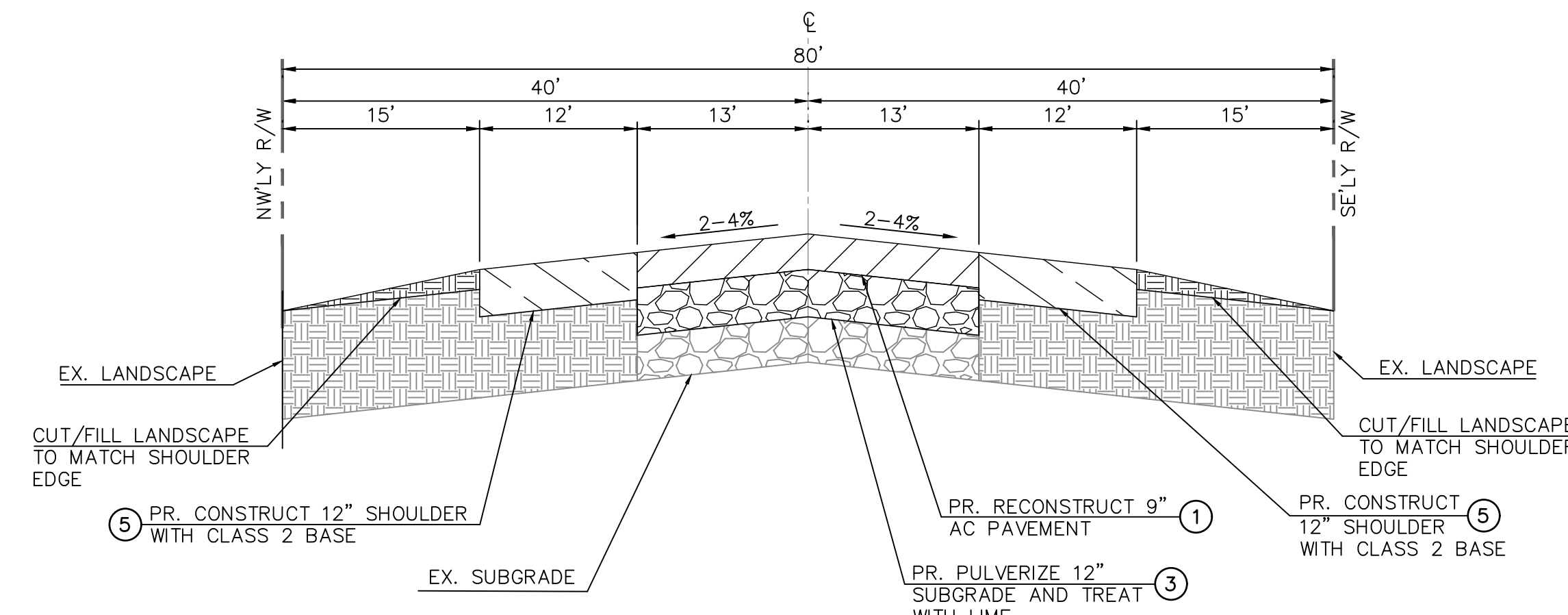
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT (±9") INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28 COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
- ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
- ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

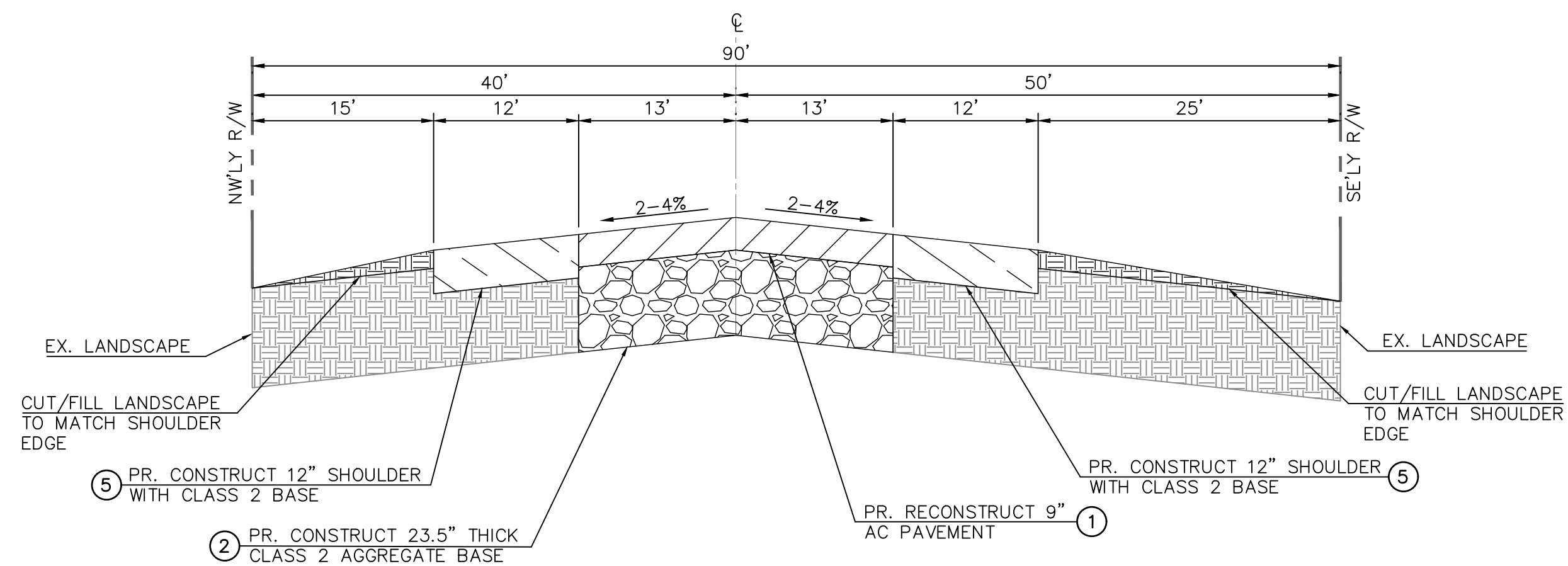
-  CONSTRUCT AC PAVEMENT.
-  CONSTRUCT SHOULDER WITH CLASS II AGGREGATE BASE MATERIAL.
-  CONSTRUCT STREET BASE WITH CLASS II AGGREGATE BASE MATERIAL.
-  EXISTING AGGREGATE BASE.
-  CUT/FILL LANDSCAPE TO MATCH SHOULDER EDGE.
-  EXISTING LANDSCAPE.



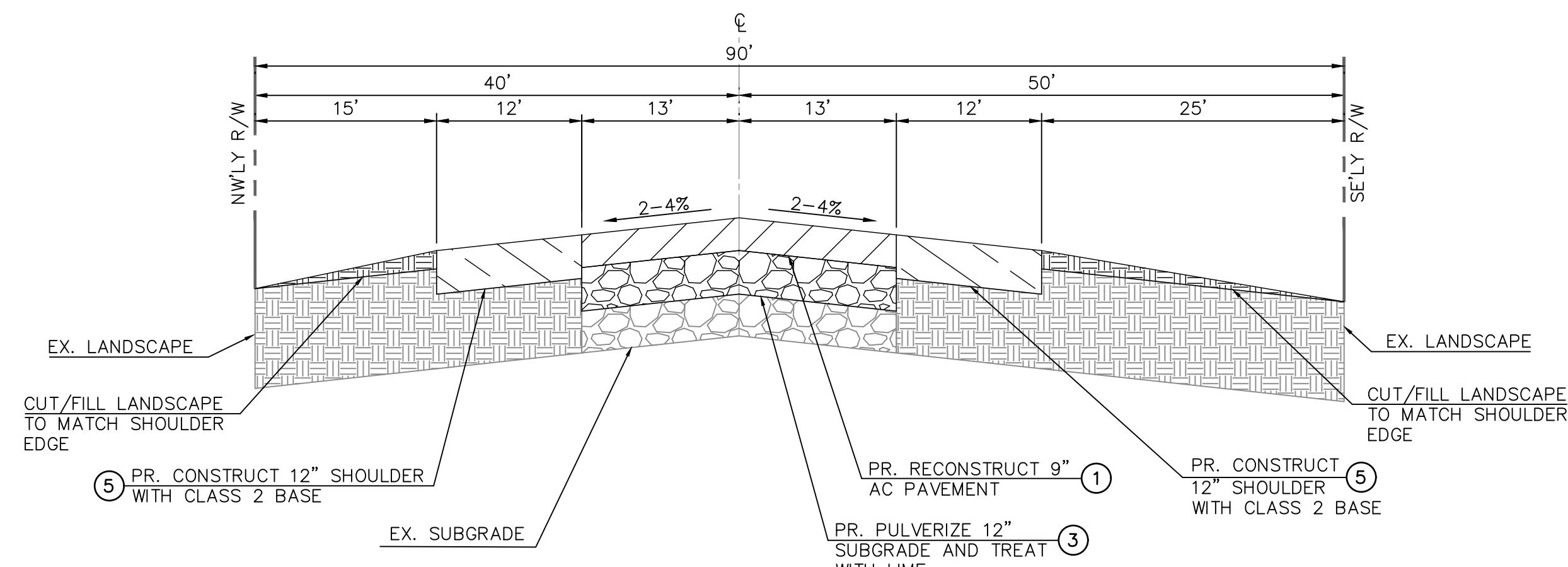
TYPICAL SECTION - STODDARD WELLS ROAD
STA 85+78.92 TO 99+19.40
NTS



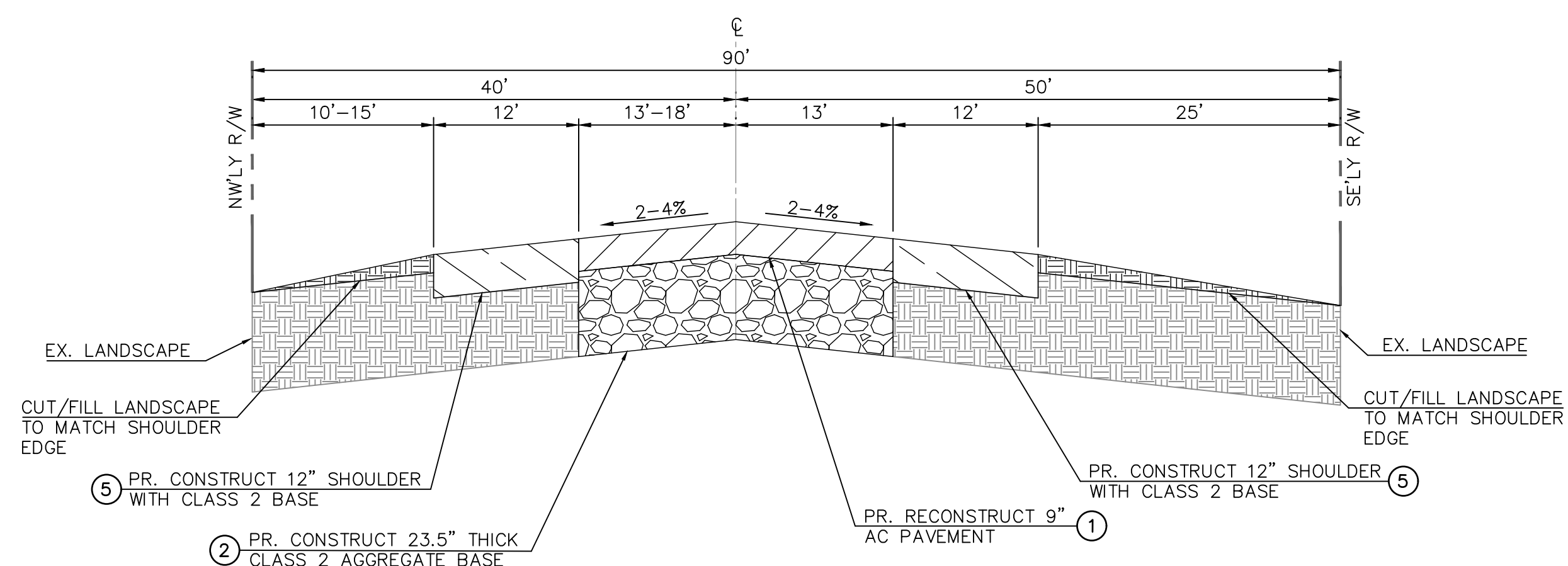
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STA 85+78.92 TO 99+19.40
NTS



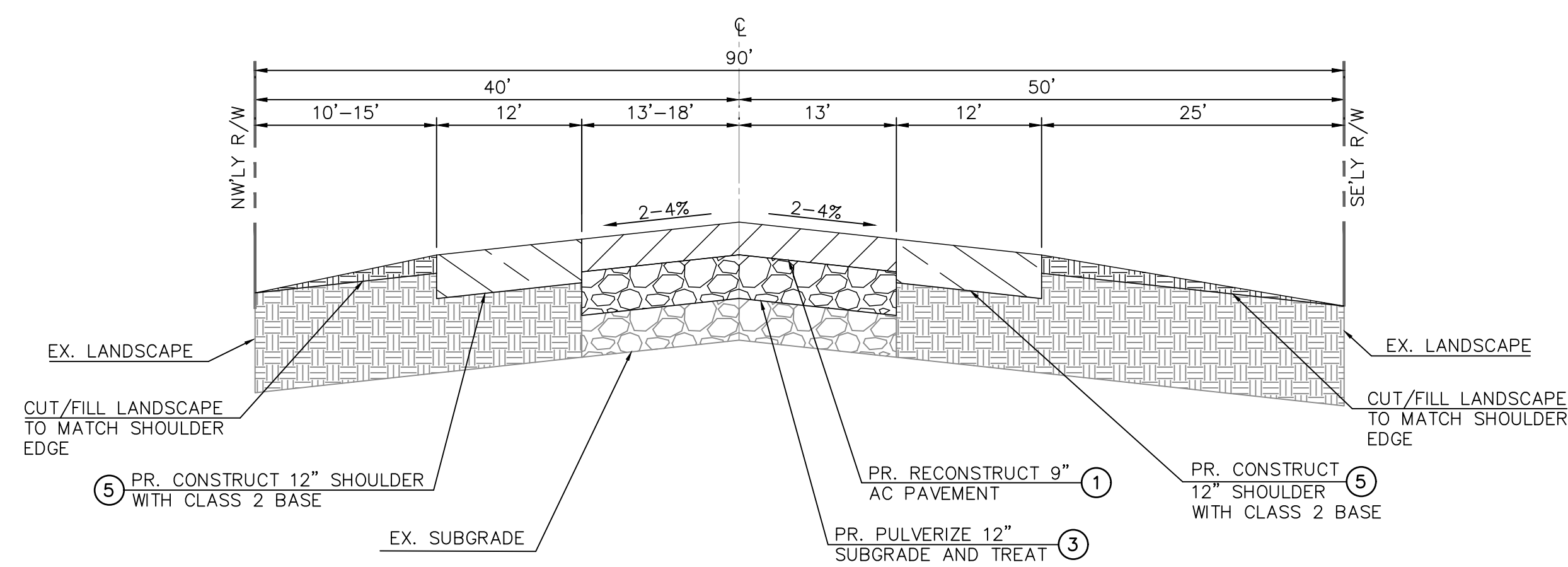
TYPICAL SECTION - STODDARD WELLS ROAD
STA 99+19.40 TO 101+89.87
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 99+19.40 TO 101+89.87
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 101+90.37 TO 102+50.37
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 101+90.37 TO 102+50.37
NTS

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCRS83, ZONE 5, (2010.00 EPOCH).

STATION **NORTHING** **EASTING**
P589 2049439.15 6829370.46
P470 1991209.57 6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

REVIEWED:
JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
TYPICAL SECTIONS

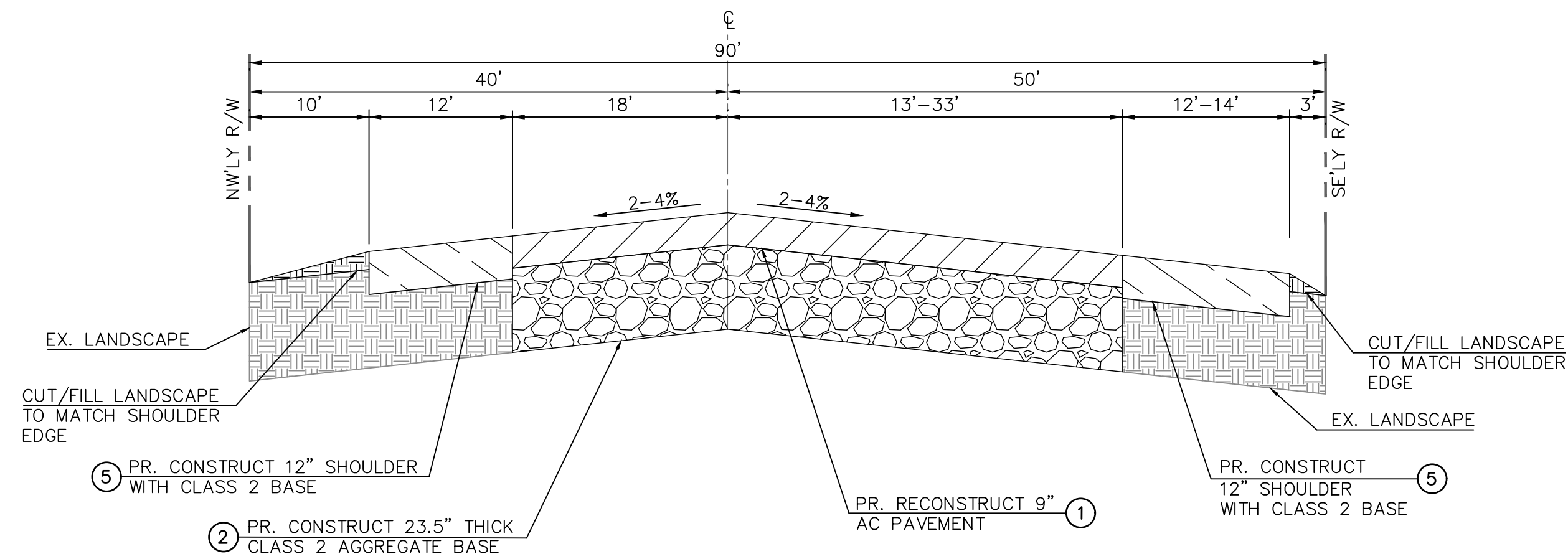
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 3	DRAWING NO.
		OF 32 SHEETS

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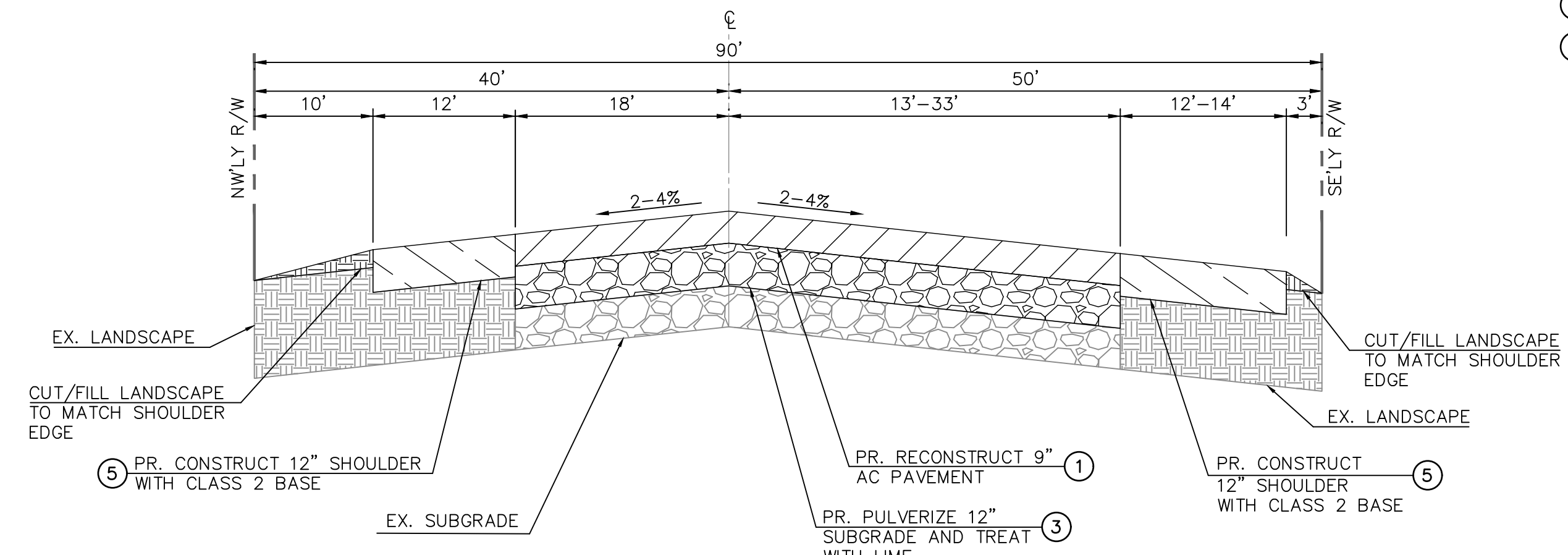
TYPICAL SECTIONS - LOW R VALUE SEGMENT

OPTION A

OPTION B



TYPICAL SECTION - STODDARD WELLS ROAD
STA 102+50.37 TO 103+59.59
NTS



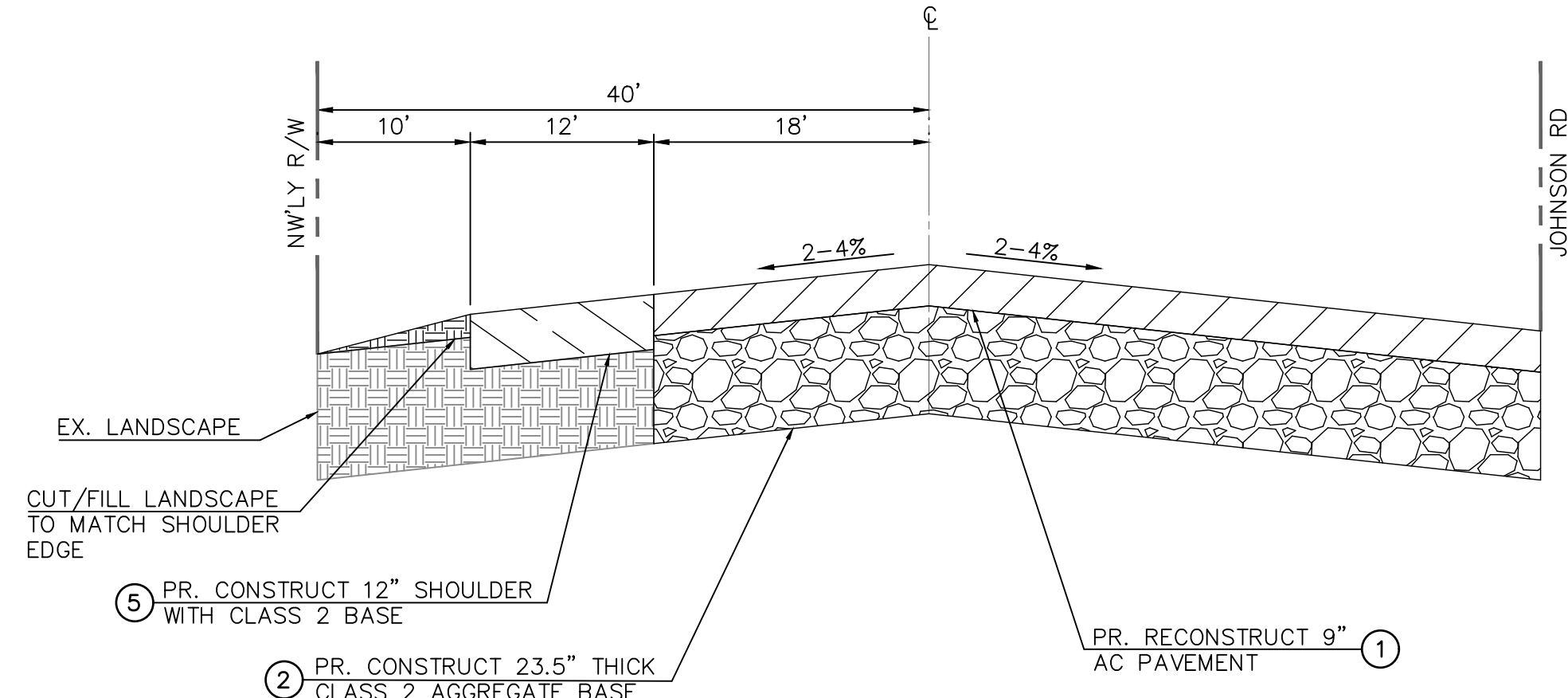
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STA 102+50.37 TO 103+59.59
NTS

CONSTRUCTION NOTES

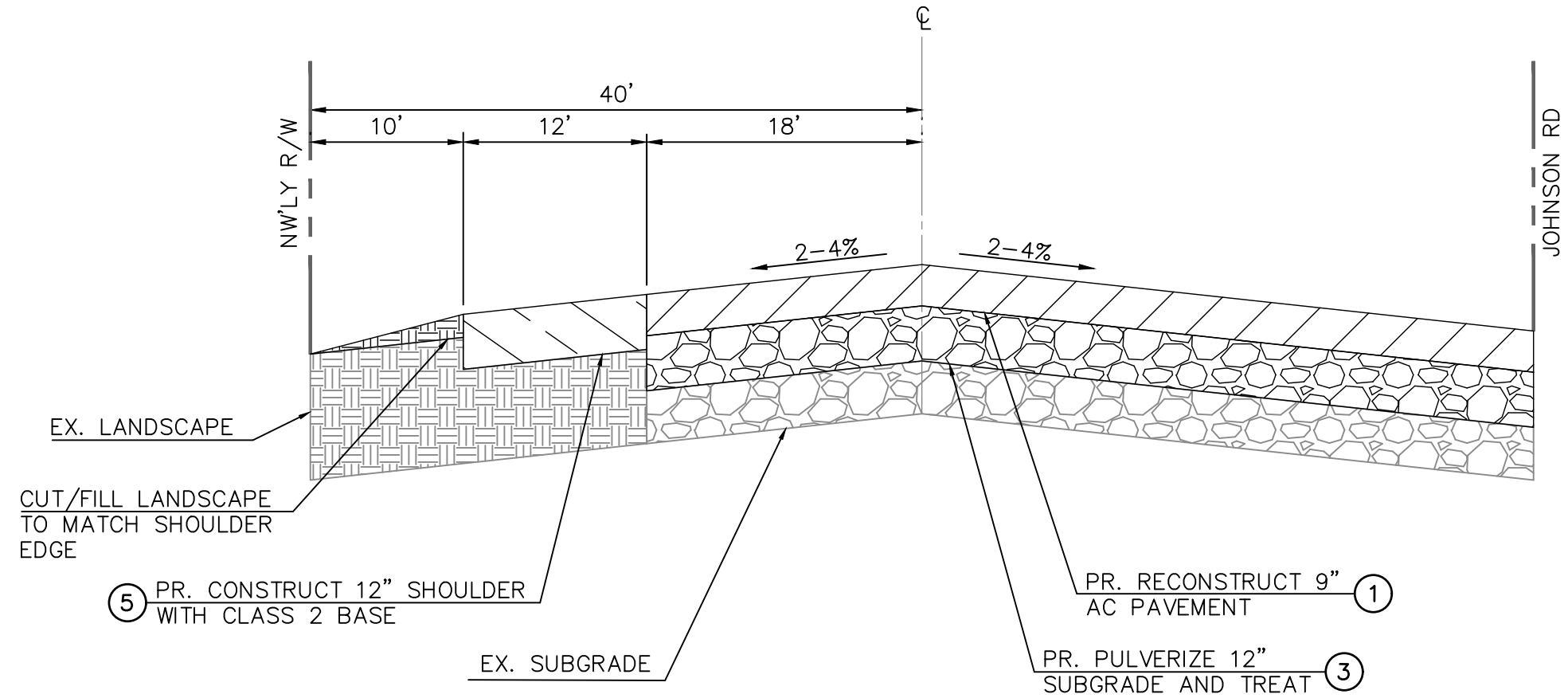
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28 COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
- ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
- ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

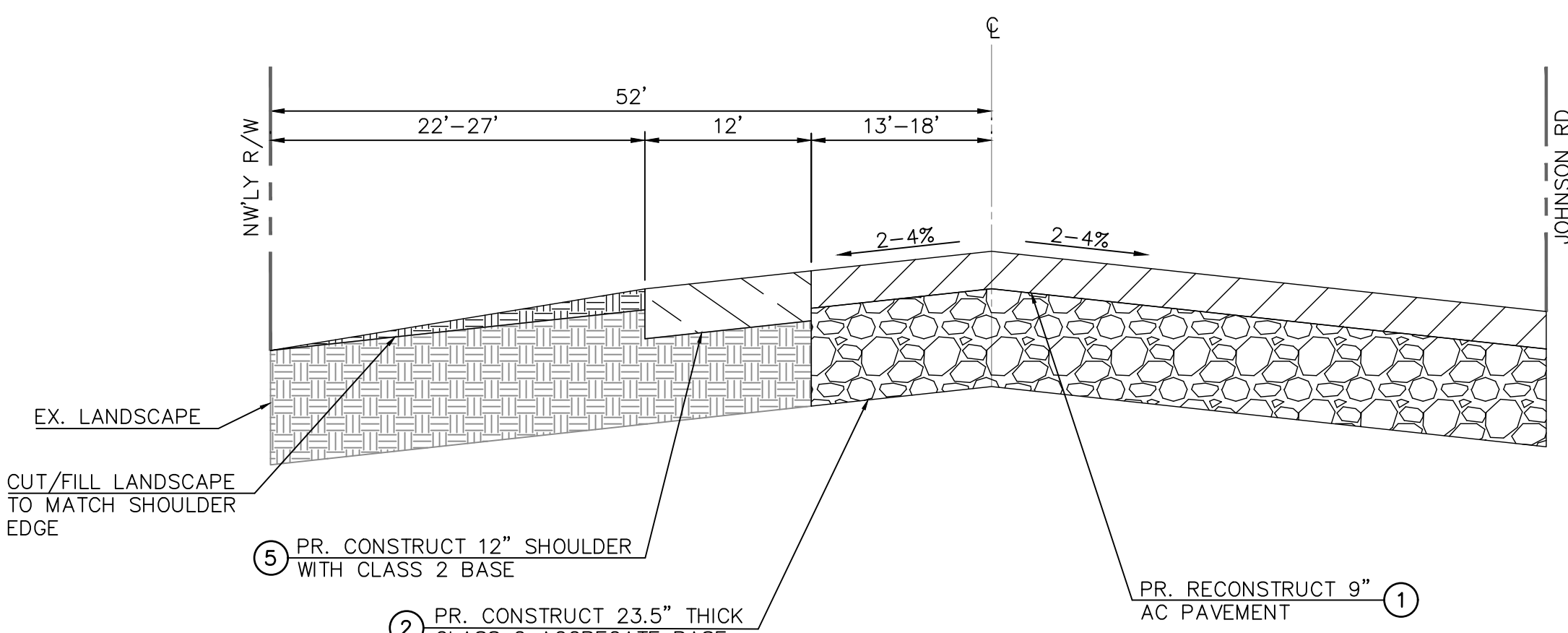
- CONSTRUCT AC PAVEMENT.
- CONSTRUCT SHOULDER WITH CLASS II AGGREGATE BASE MATERIAL.
- CONSTRUCT STREET BASE WITH CLASS II AGGREGATE BASE MATERIAL.
- EXISTING AGGREGATE BASE.
- CUT/FILL LANDSCAPE TO MATCH SHOULDER EDGE.
- EXISTING LANDSCAPE.



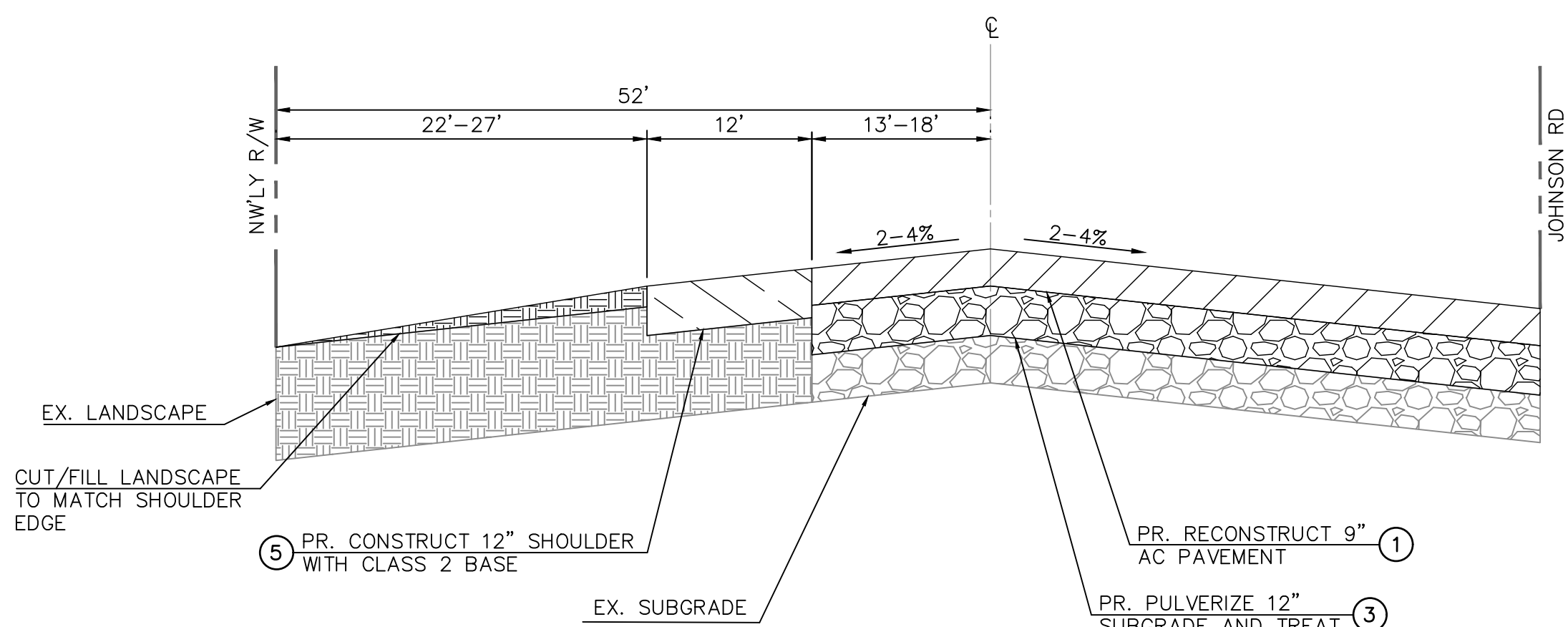
TYPICAL SECTION - STODDARD WELLS ROAD
STA 103+59.59 TO 104+50.37
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 103+59.59 TO 104+50.37
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 104+50.37 TO 104+70.37
NTS



TYPICAL SECTION - STODDARD WELLS ROAD
STA 104+50.37 TO 104+70.37
NTS

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
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SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

REVIEWED:
JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

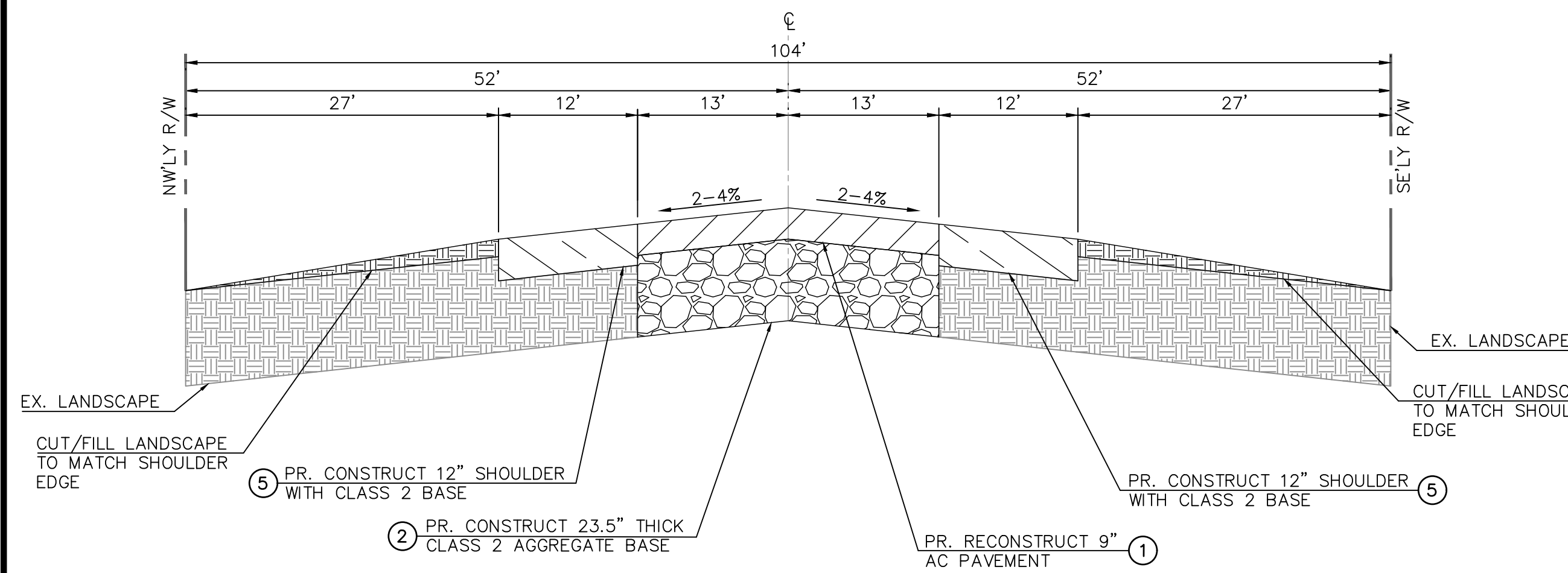
TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
TYPICAL SECTIONS

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 4	DRAWING NO.
OF 32 SHEETS		

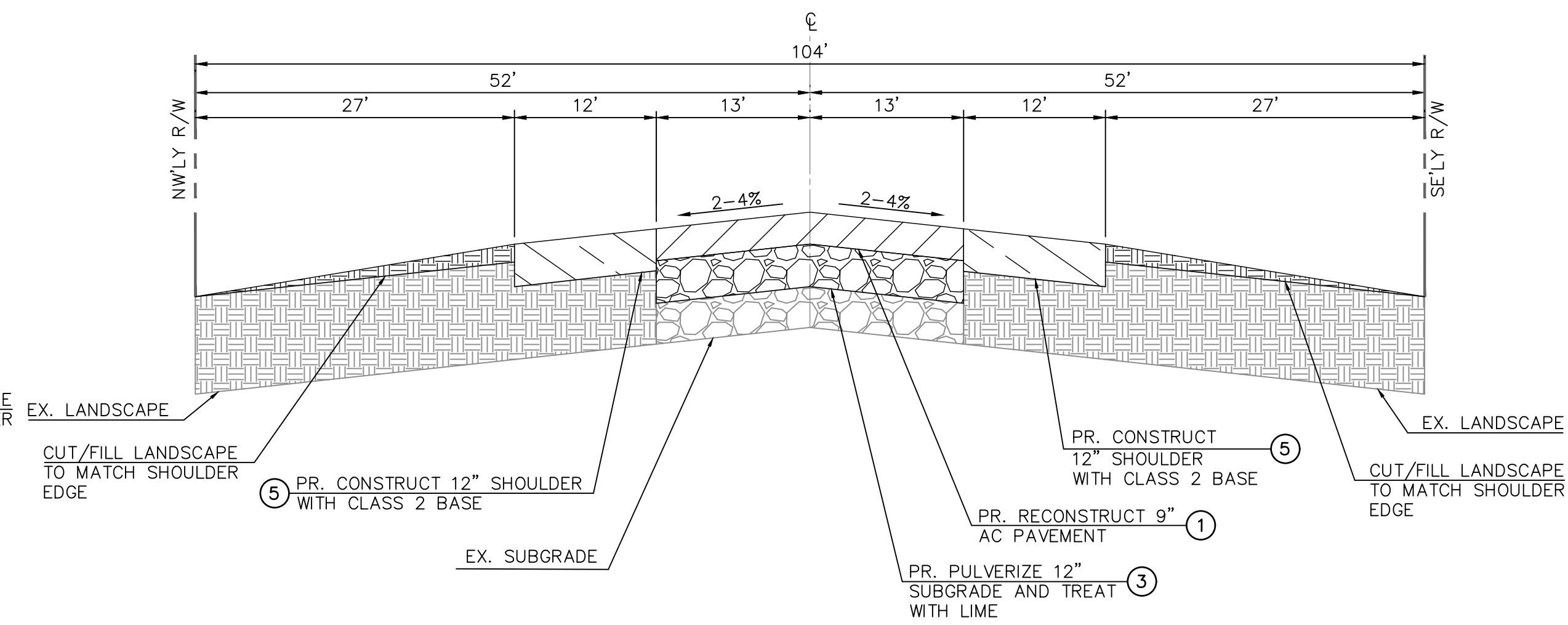
TYPICAL SECTIONS - LOW R VALUE SEGMENT

OPTION A



TYPICAL SECTION - JOHNSON ROAD
STA 104+70.37 TO 106+00.00
NTS

OPTION B



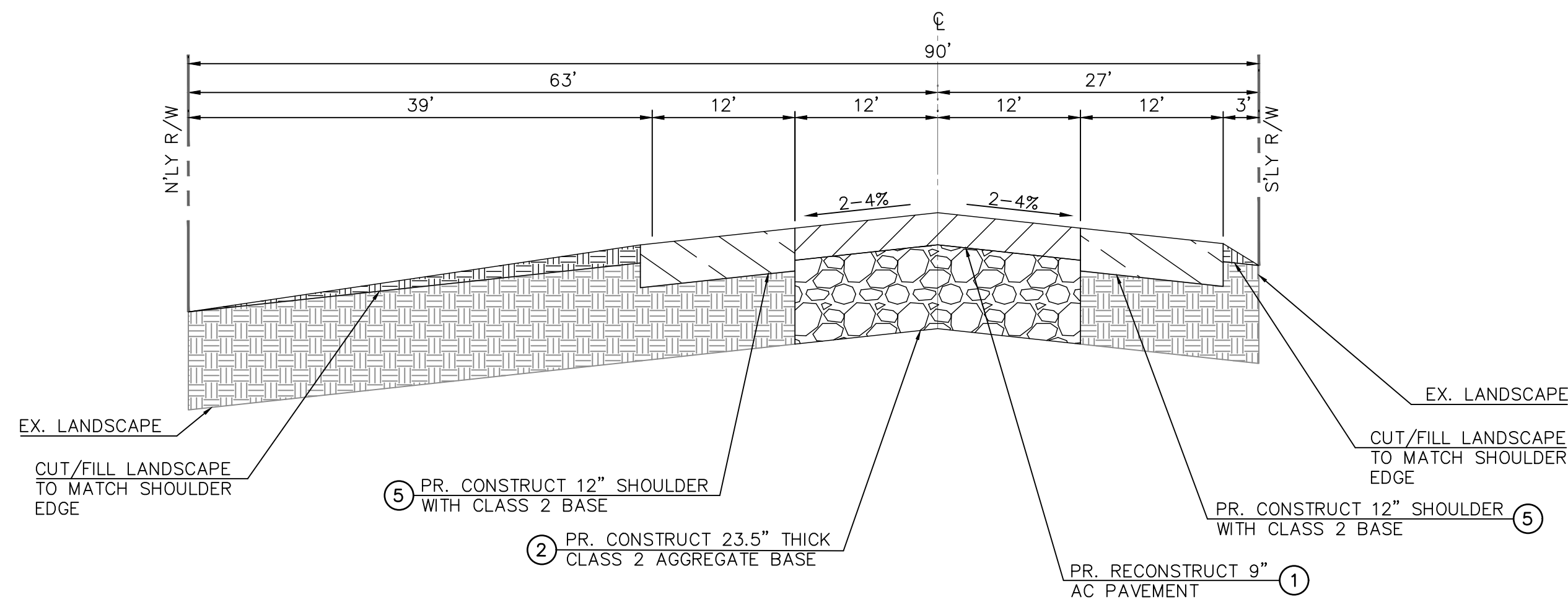
TYPICAL SECTION - JOHNSON ROAD
STA 104+70.37 TO 106+00.00
NTS

CONSTRUCTION NOTES

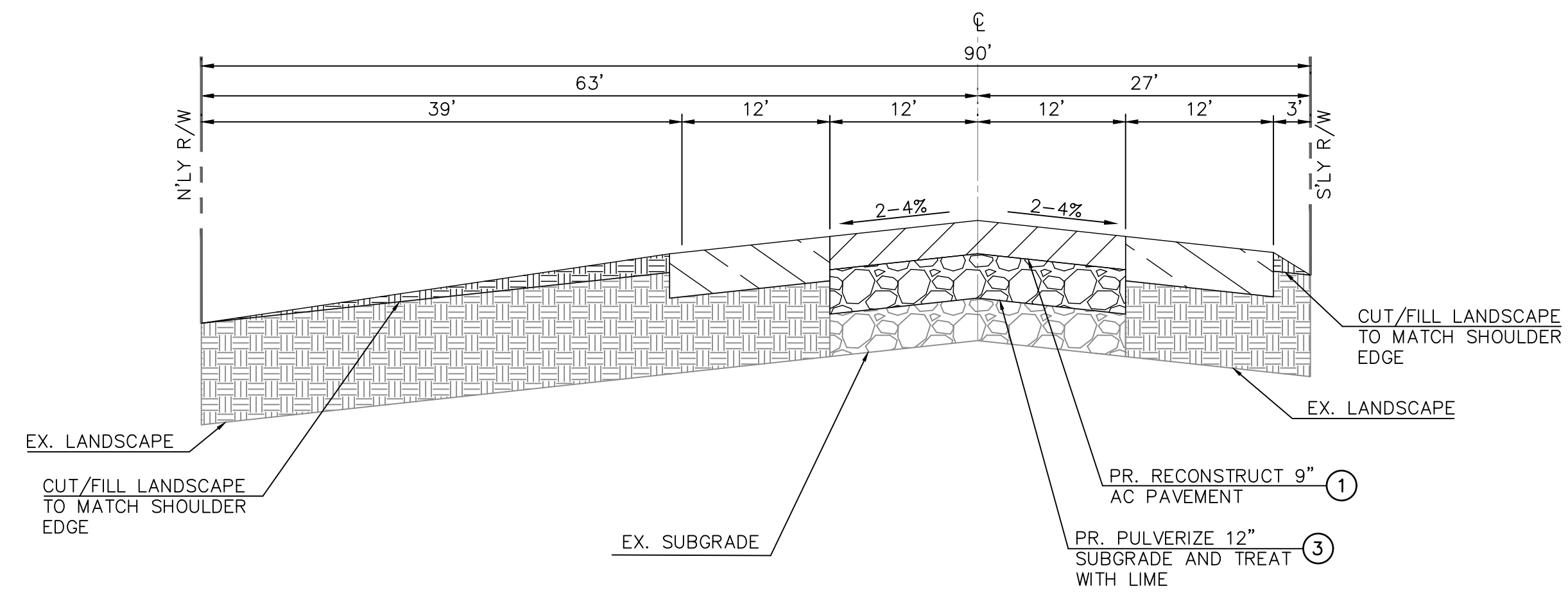
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28 COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
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- ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT SHOULDER WITH CLASS II AGGREGATE BASE MATERIAL.
- CONSTRUCT STREET BASE WITH CLASS II AGGREGATE BASE MATERIAL.
- EXISTING AGGREGATE BASE.
- CUT/FILL LANDSCAPE TO MATCH SHOULDER EDGE.
- EXISTING LANDSCAPE.



TYPICAL SECTION - JOHNSON ROAD
STA 10+00.00 TO 11+41.12
NTS



TYPICAL SECTION - JOHNSON ROAD
STA 10+00.00 TO 11+41.12
NTS

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

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P470	1991209.57	6744367.96

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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
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P: (714) 533-3050
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JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



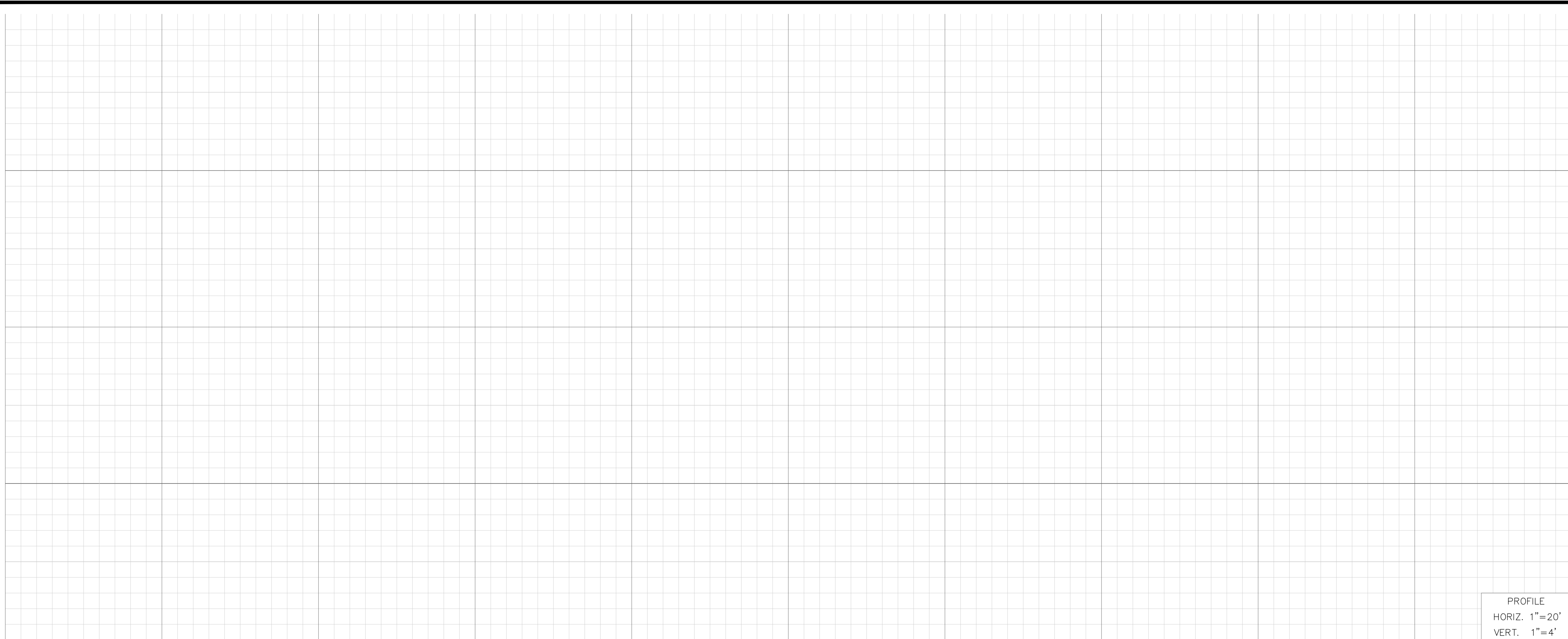
REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

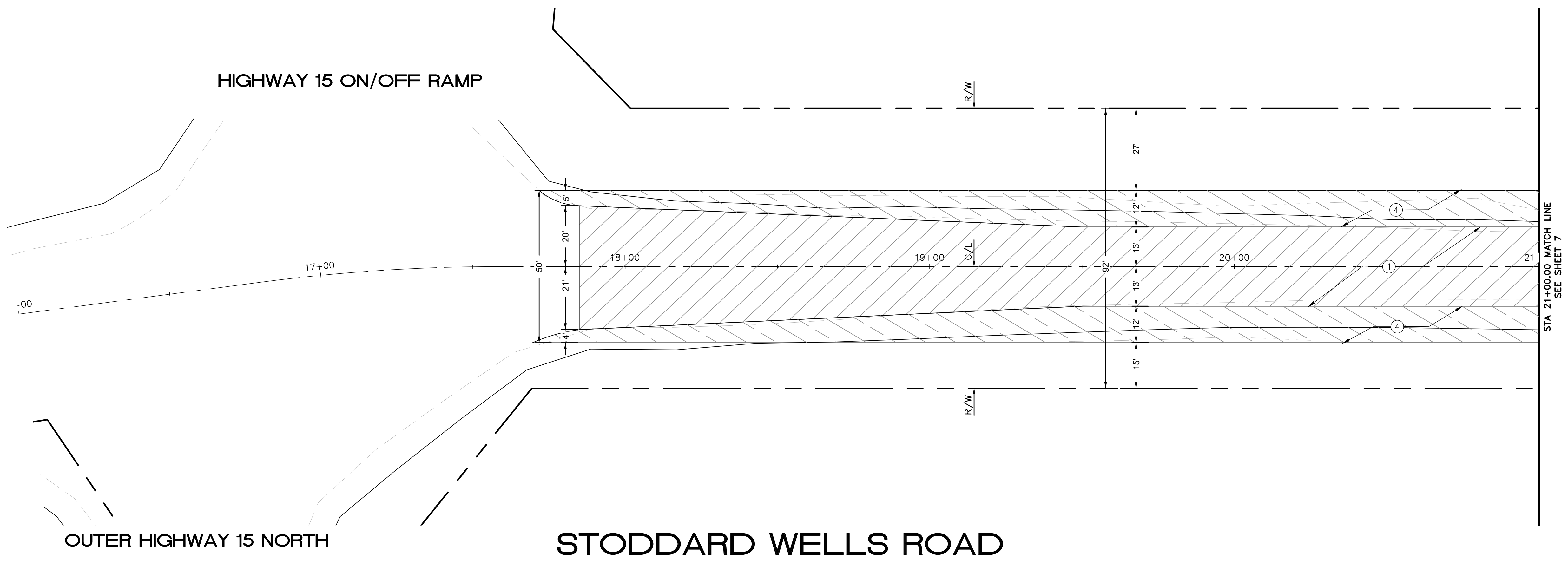
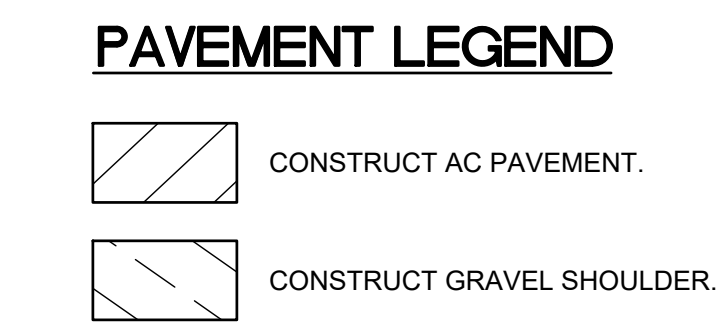
STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
TYPICAL SECTIONS

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 5	DRAWING NO.
OF 32 SHEETS		

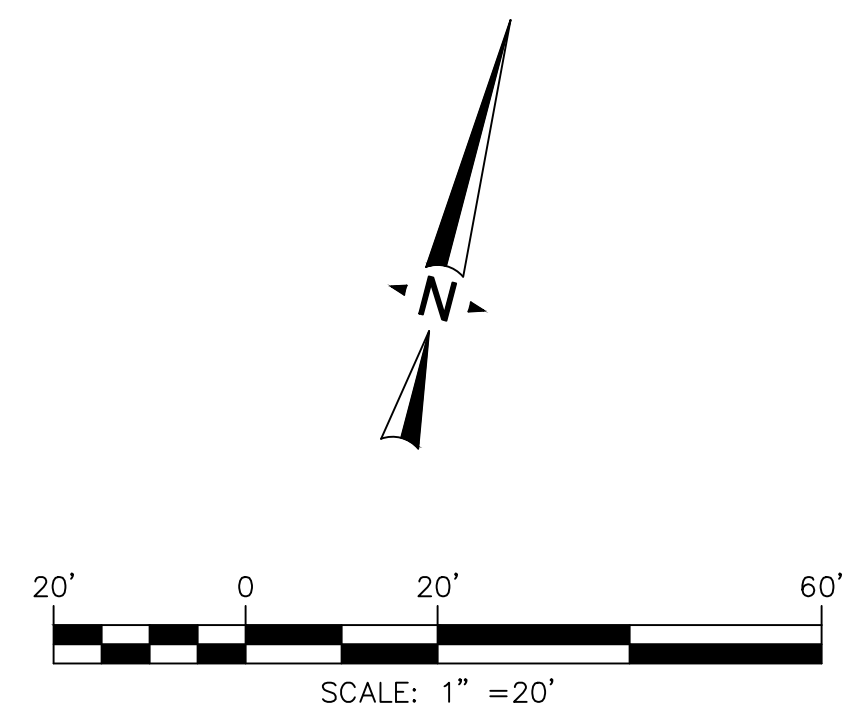
C:\Users\jryama\Box\Apple Valley-Stoddard Well 15 Road Widening Project\Drawings\CAD\Plans\5_Typical Sections.dwg 10/22/20 - 5:15pm ryanm



- CONSTRUCTION NOTES**
- 1 REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - 4 REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.



STA 21+00.00 MATCH LINE
SEE SHEET 7



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD STREET PLAN AND PROFILE STA 16+00.00 TO STA 21+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 6	DRAWING NO.
	OF 32 SHEETS	



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
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P470	1991209.57	6744367.96

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ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
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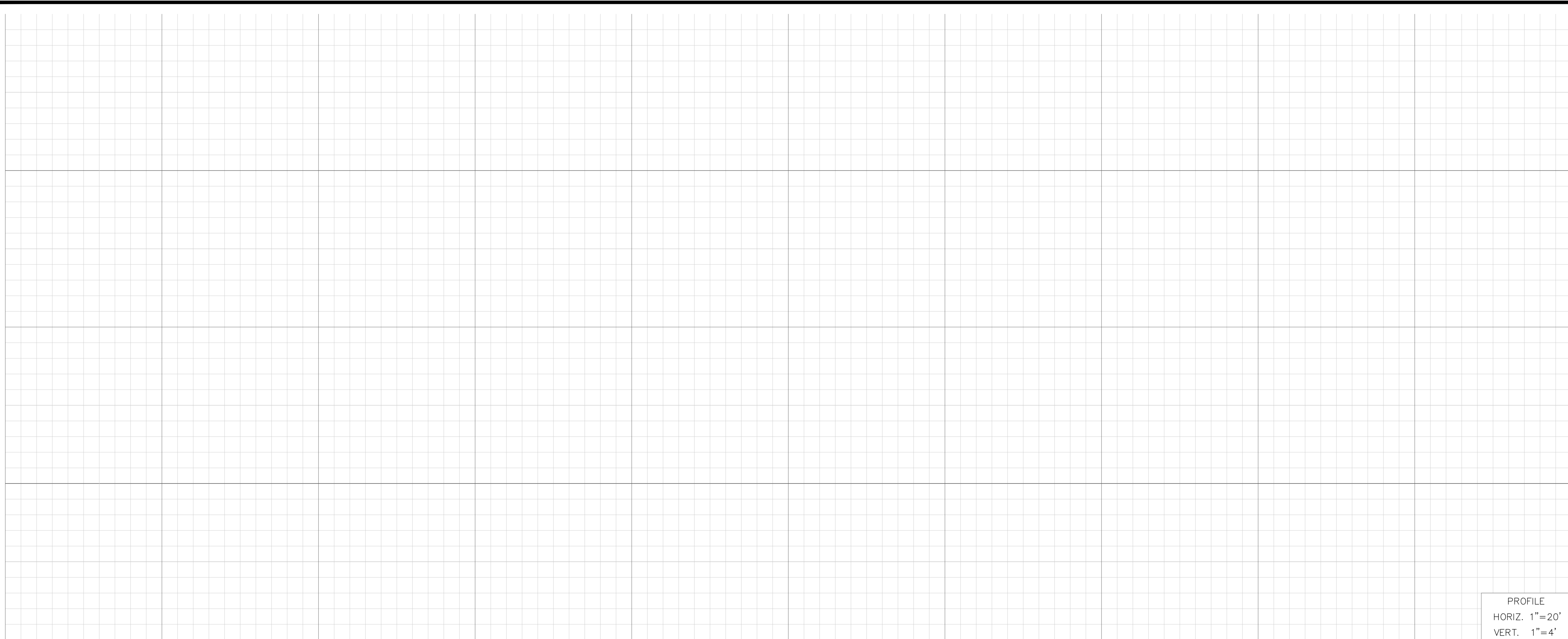
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21 DATE

REVIEWED:	JUSTIN L. SMEETS R.C.E. NO. 78314
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

C:\Users\j\yama\Box\Apple Valley-Stoddard Well\15 Road Widening Project\Drawings\CA0\Plans\6. STREET PLAN.dwg 10/22/20 - 5:15pm rjyam



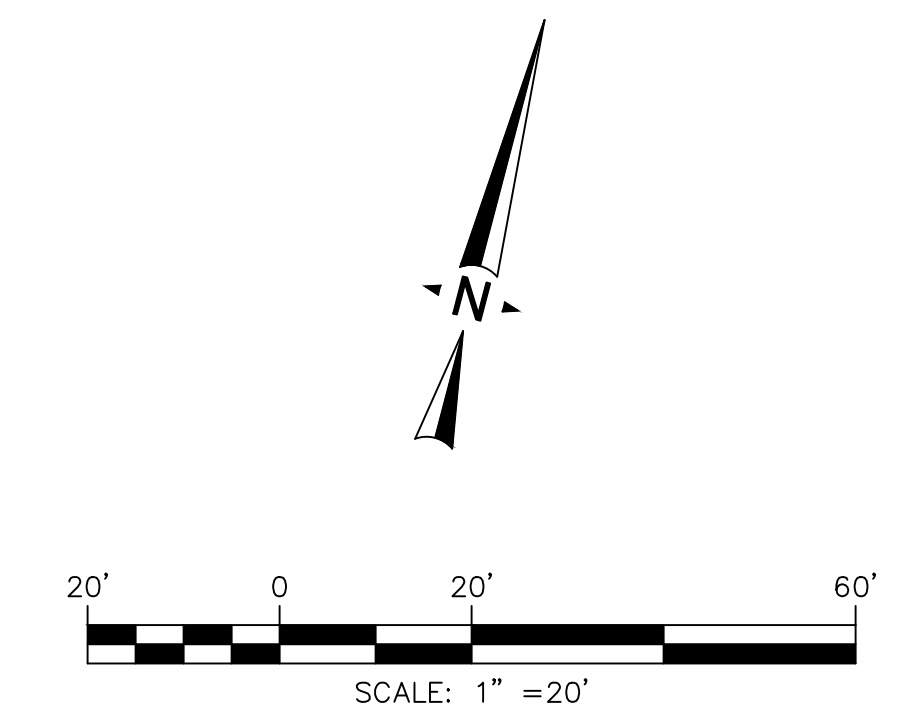
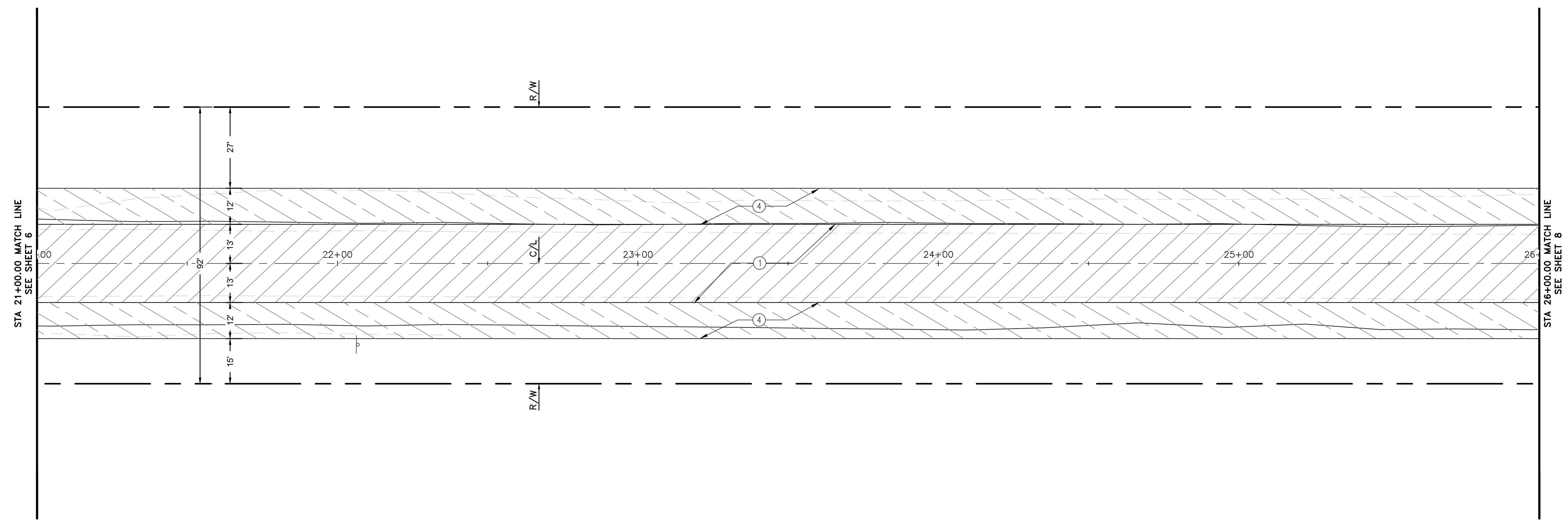
PROFILE
 HORIZ. 1"=20'
 VERT. 1"=4'

CONSTRUCTION NOTES

- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT (±9") INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ④ REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 21+00.00 TO STA 26+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 7	DRAWING NO.
	OF 32 SHEETS	



BENCHMARK:
 THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

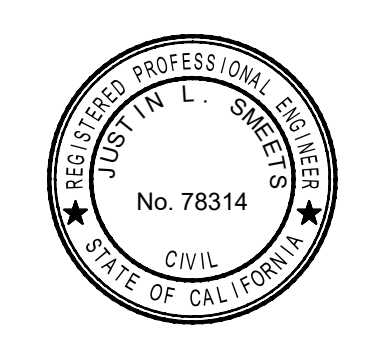
STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
 THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
 SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
 ELEVATION = 2987.21'



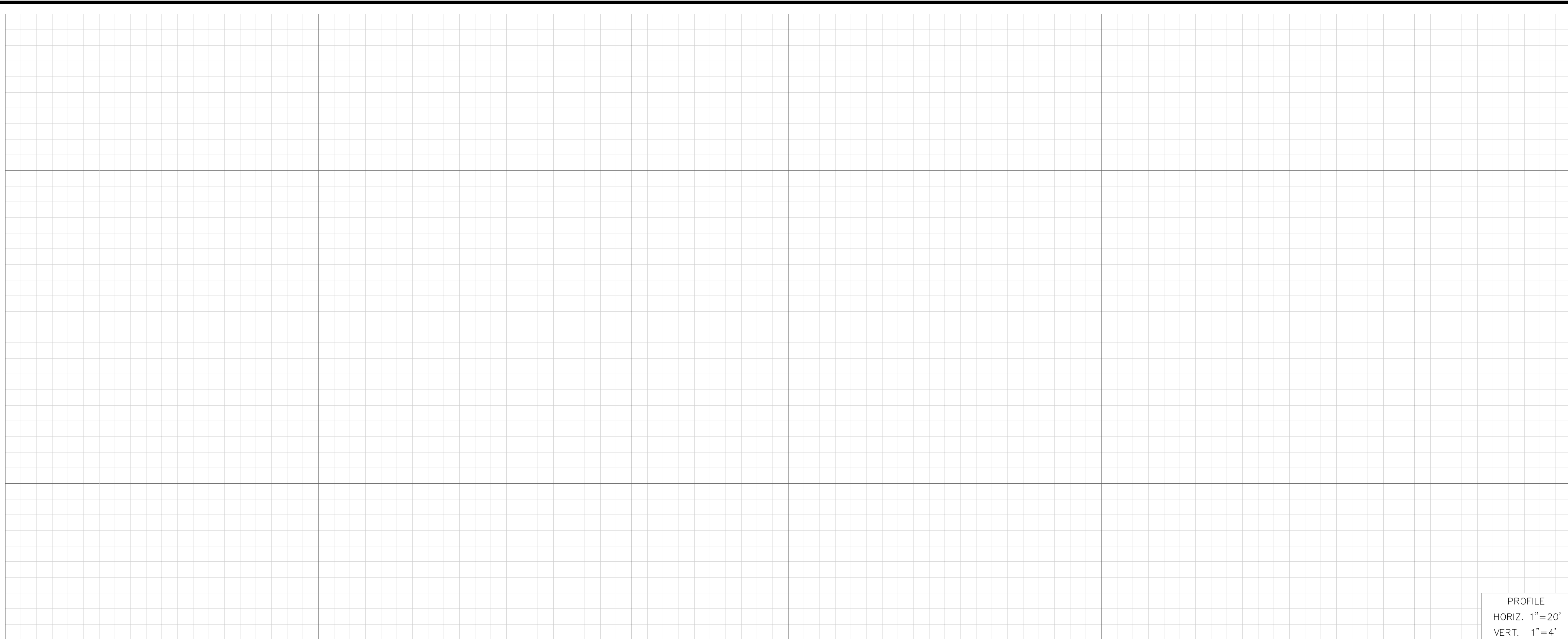
PLANS PREPARED BY:
ONWARD ENGINEERING
 300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270

REVIEWED:	JUSTIN L. SMEETS
	R.C.E. NO. 78314
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

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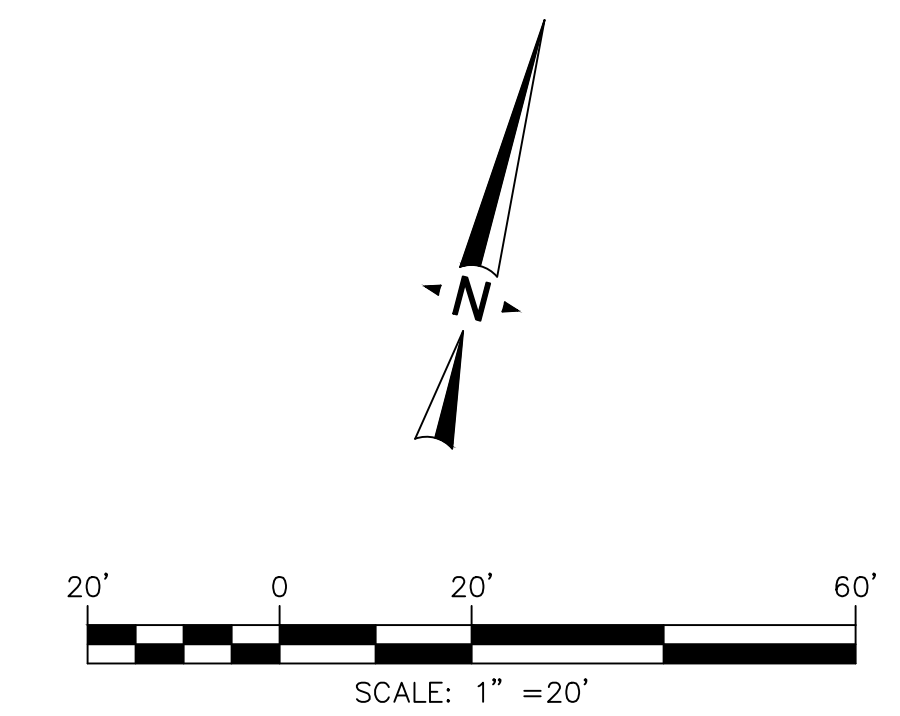
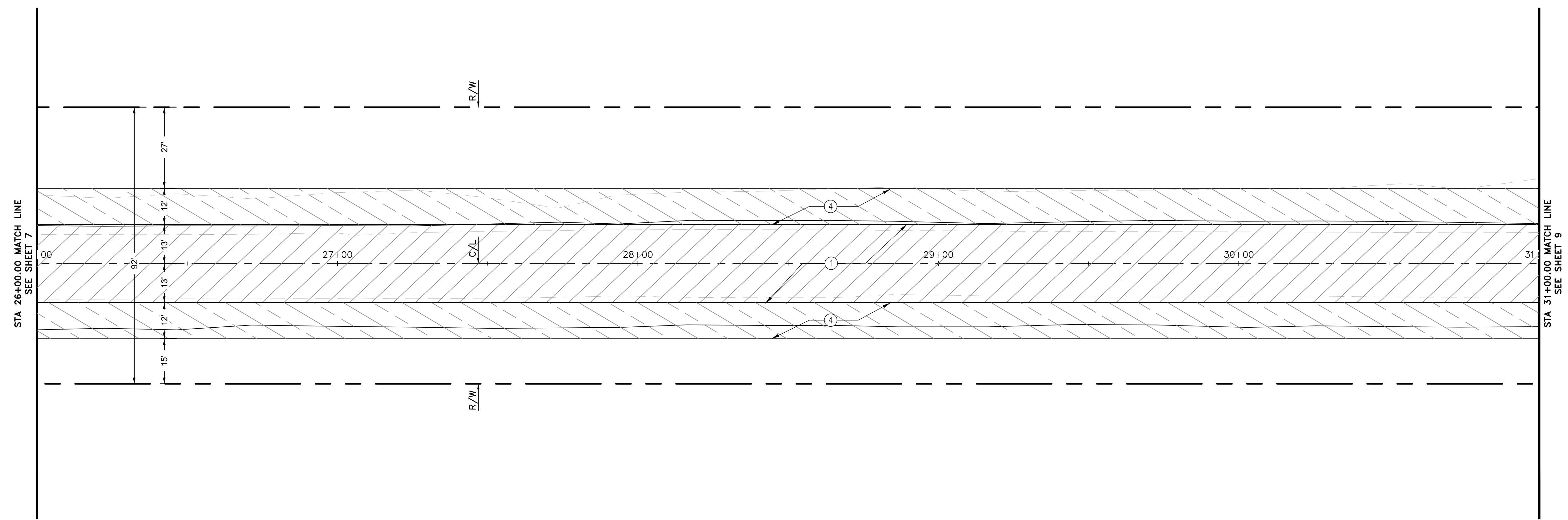
PROFILE
 HORIZ. 1"=20'
 VERT. 1"=4'

CONSTRUCTION NOTES

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PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 26+00.00 TO STA 31+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 8	DRAWING NO.
	OF 32 SHEETS	



BENCHMARK:
 THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

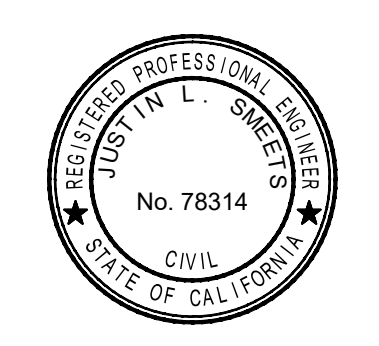
BASIS OF COORDINATES:
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 ELEVATION = 2987.21'



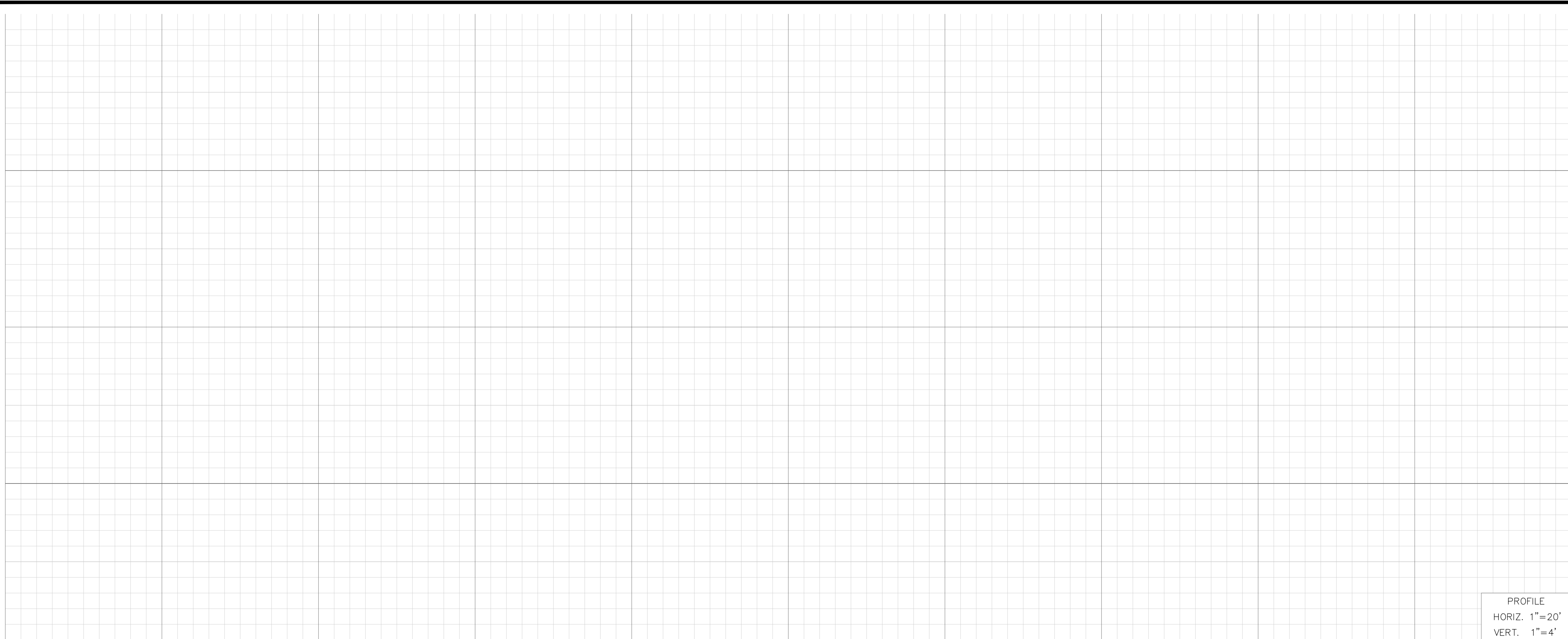
PLANS PREPARED BY:
ONWARD ENGINEERING
 300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270

REVIEWED:
 JUSTIN L. SMEETS
 R.C.E. NO. 78314
 DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX
 CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION



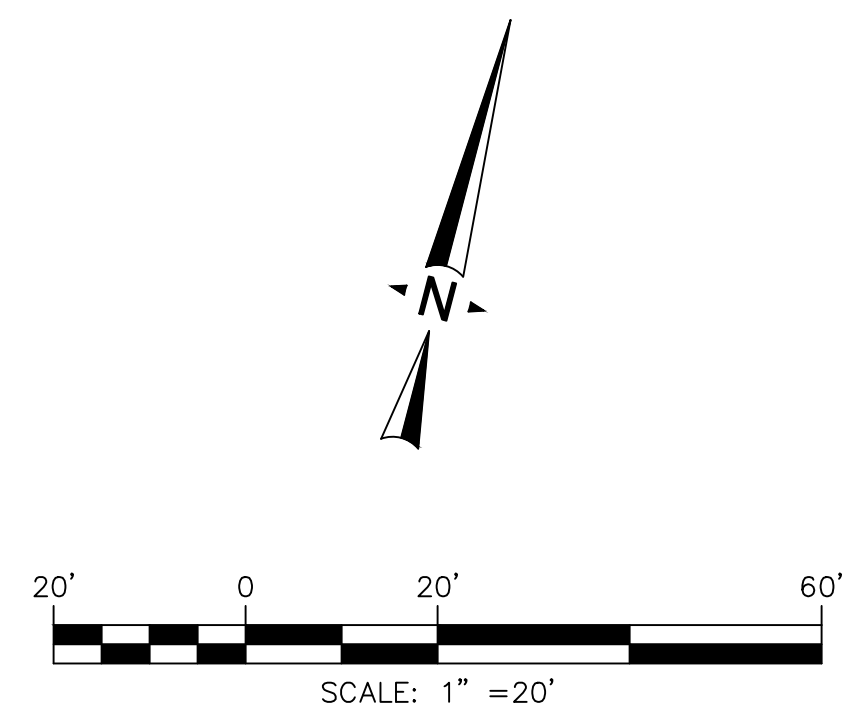
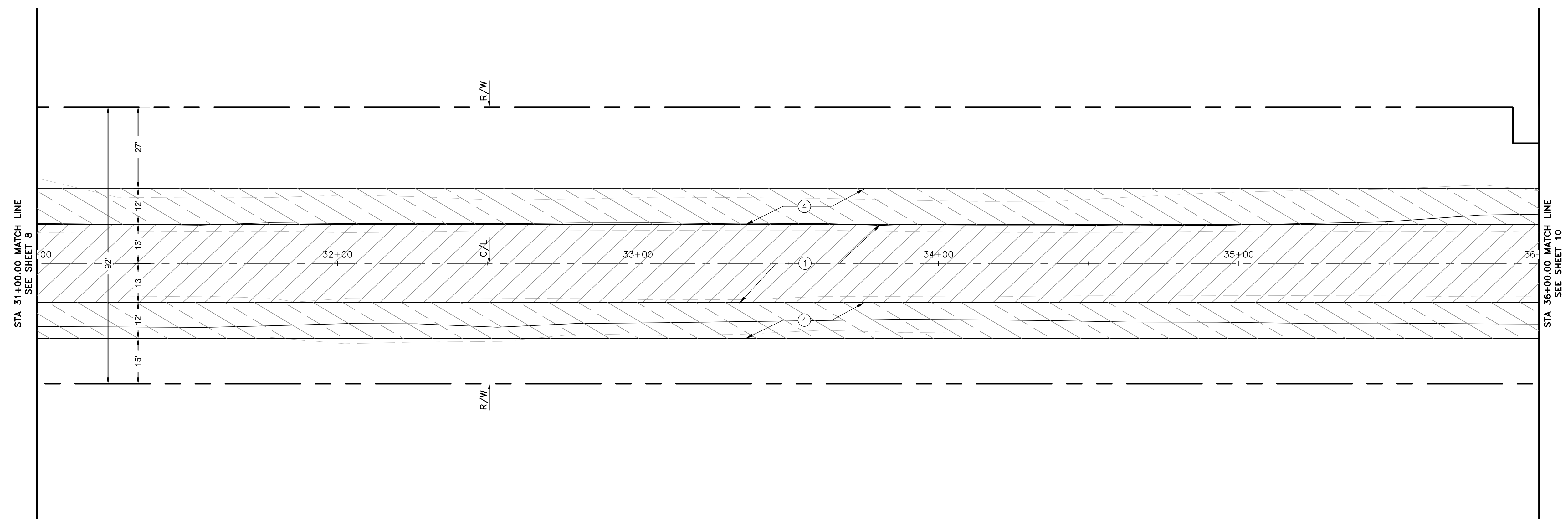
PROFILE
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 VERT. 1"=4'

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PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 31+00.00 TO STA 36+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 9	DRAWING NO.
	OF 32 SHEETS	

Underground Service Alert
 of Southern California
 Call: TOLL FREE
1-800-227-2600
 or **811**
 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
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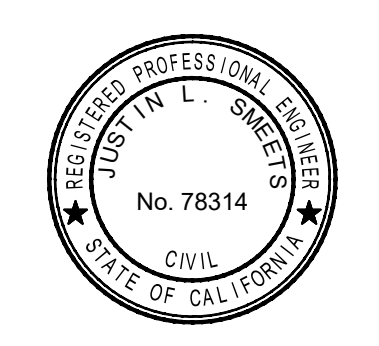
STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
 THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
 SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
 ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
 300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270

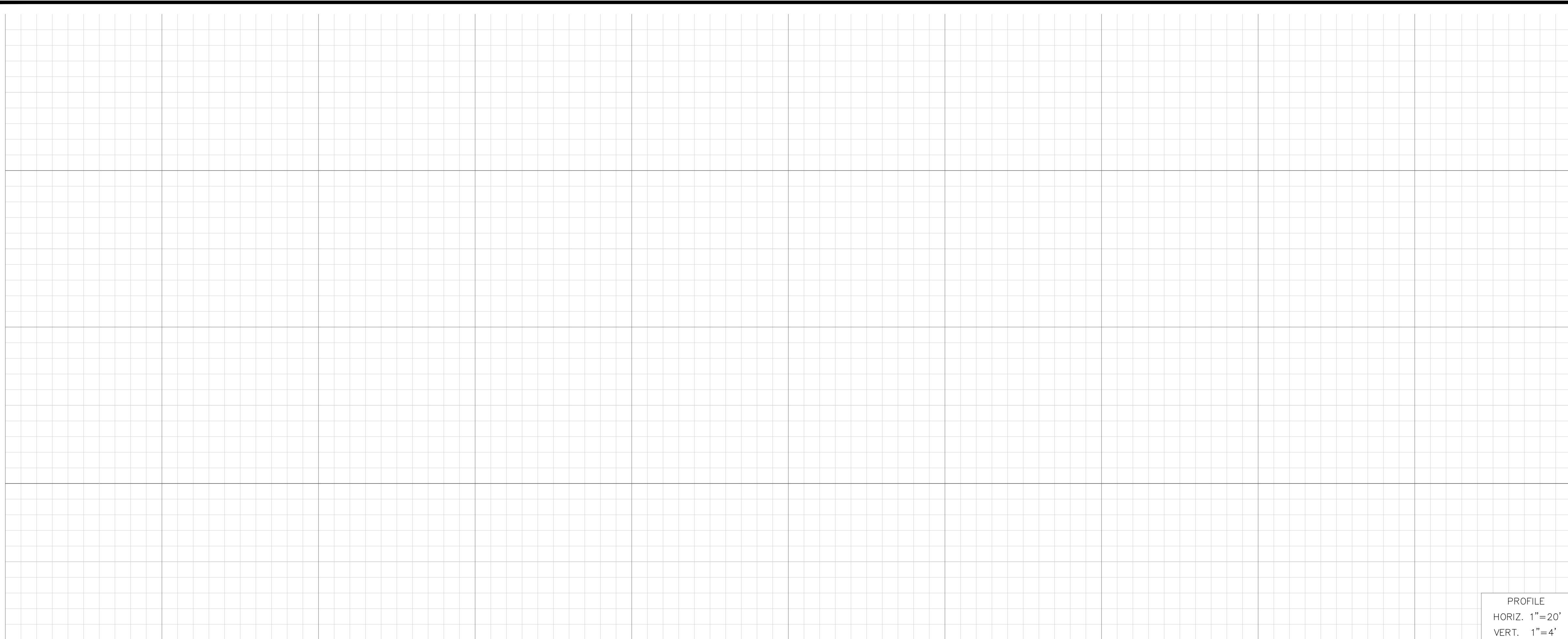
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
 JUSTIN L. SMEETS
 R.C.E. NO. 78314
 DATE: X/XX/2020



REVISIONS	
DATE	DESCRIPTION

DESIGNED: XXX DRAWN: XXX
 CHECKED: JLS DATE: X/XX/XXXX

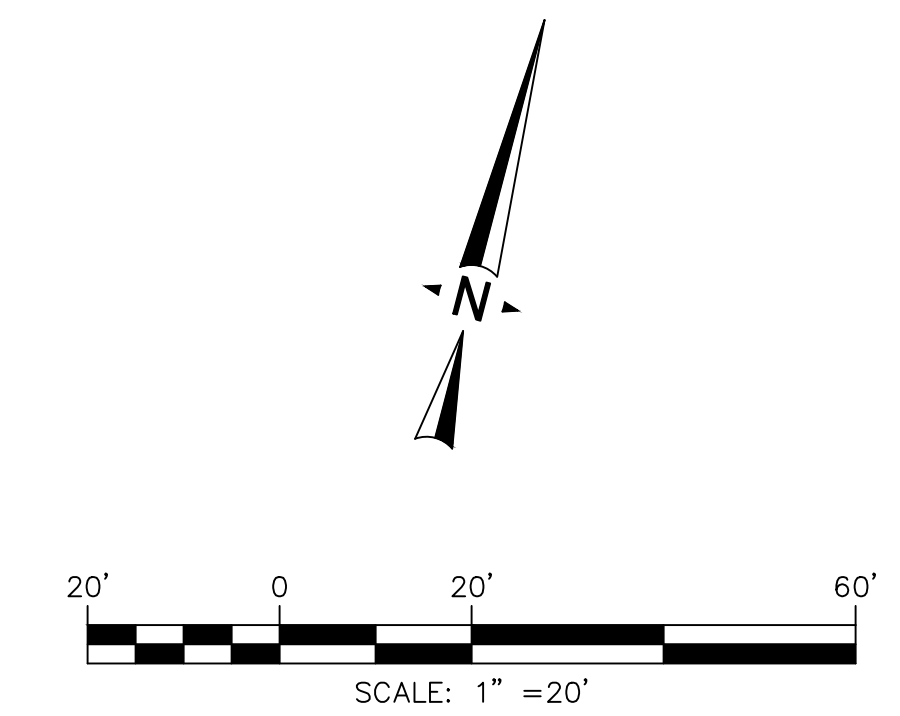
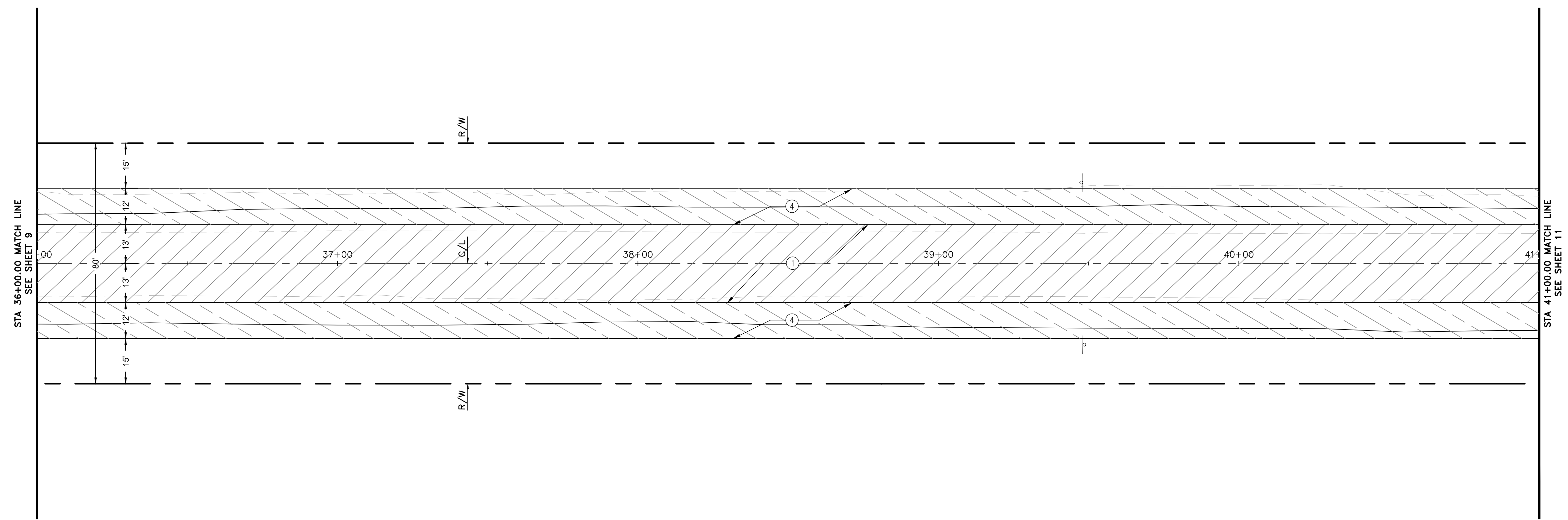


CONSTRUCTION NOTES

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PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

Underground Service Alert
of Southern California
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or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
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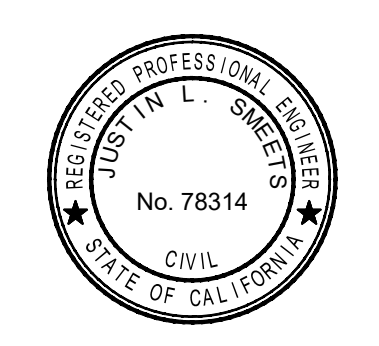
STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020



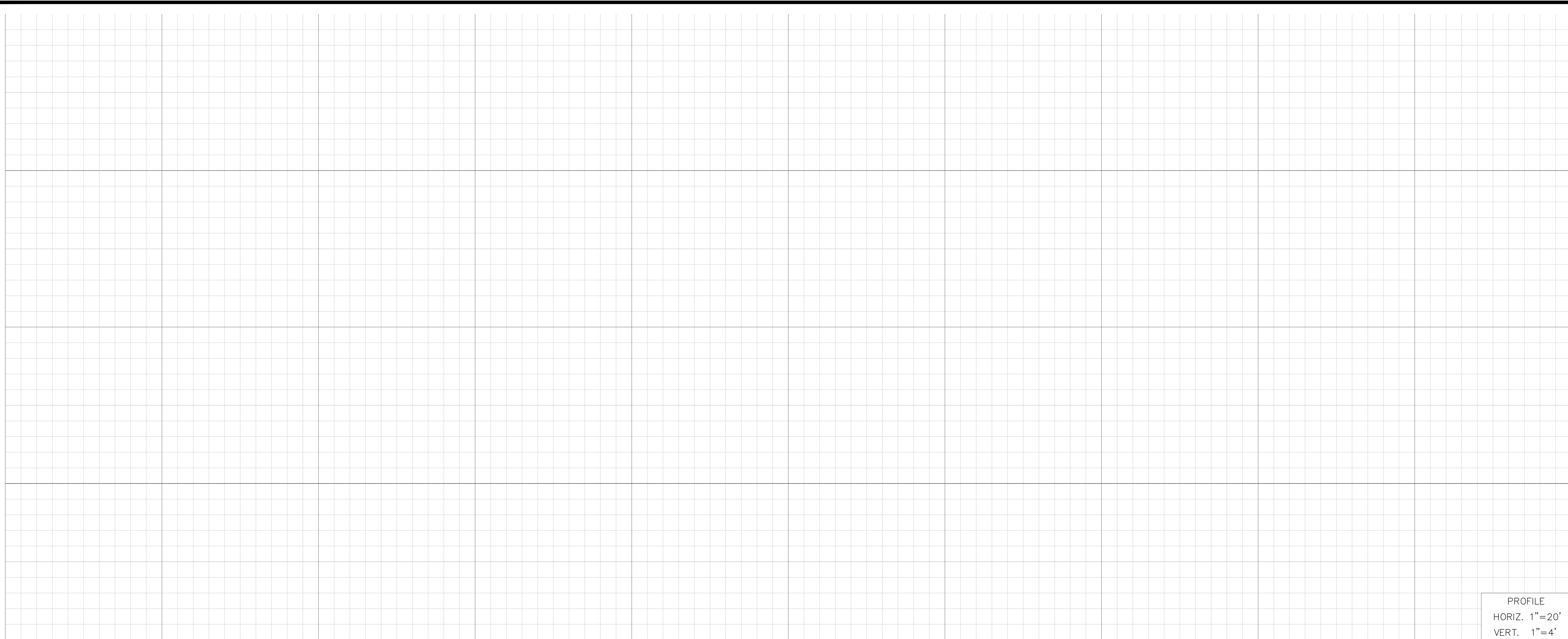
REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

STREET PLAN AND PROFILE
STA 36+00.00 TO STA 41+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 10	DRAWING NO.
OF 32 SHEETS		



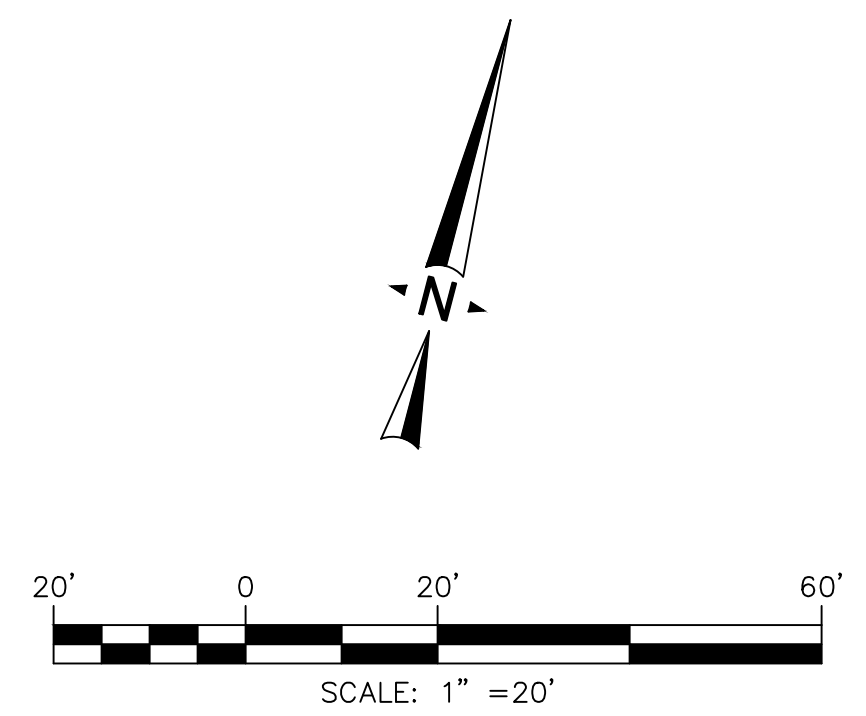
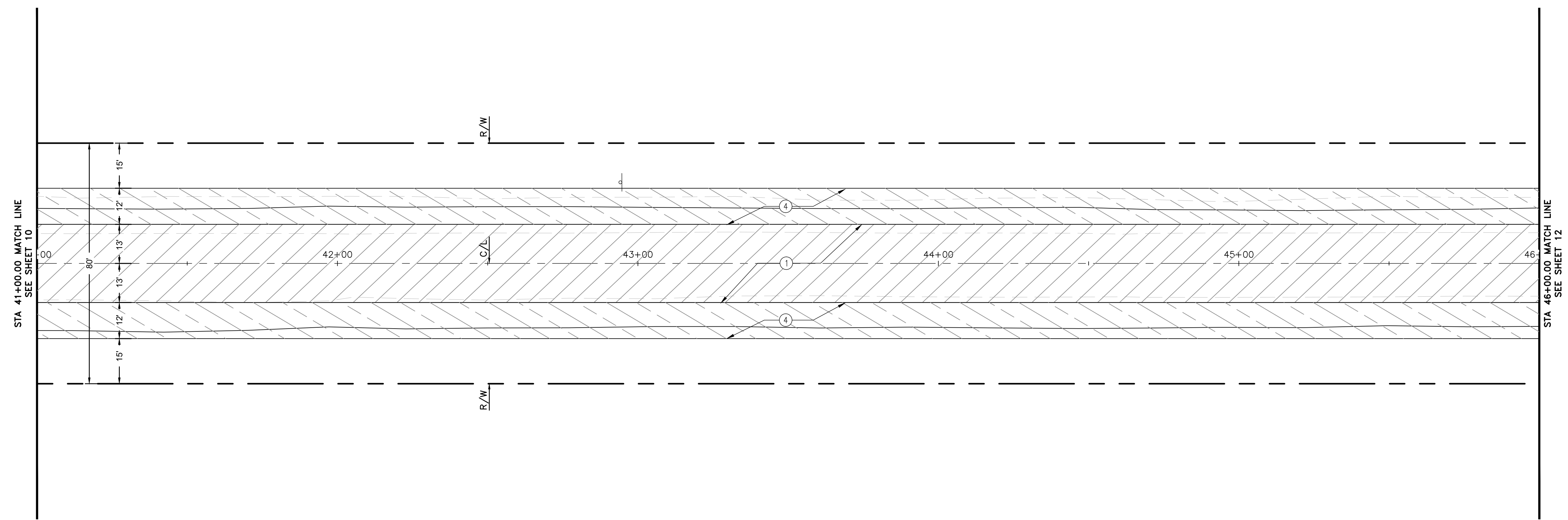
PROFILE
HORIZ. 1"=20'
VERT. 1"=4'

CONSTRUCTION NOTES

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PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 41+00.00 TO STA 46+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 11 OF 32 SHEETS	DRAWING NO.

Underground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
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STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020

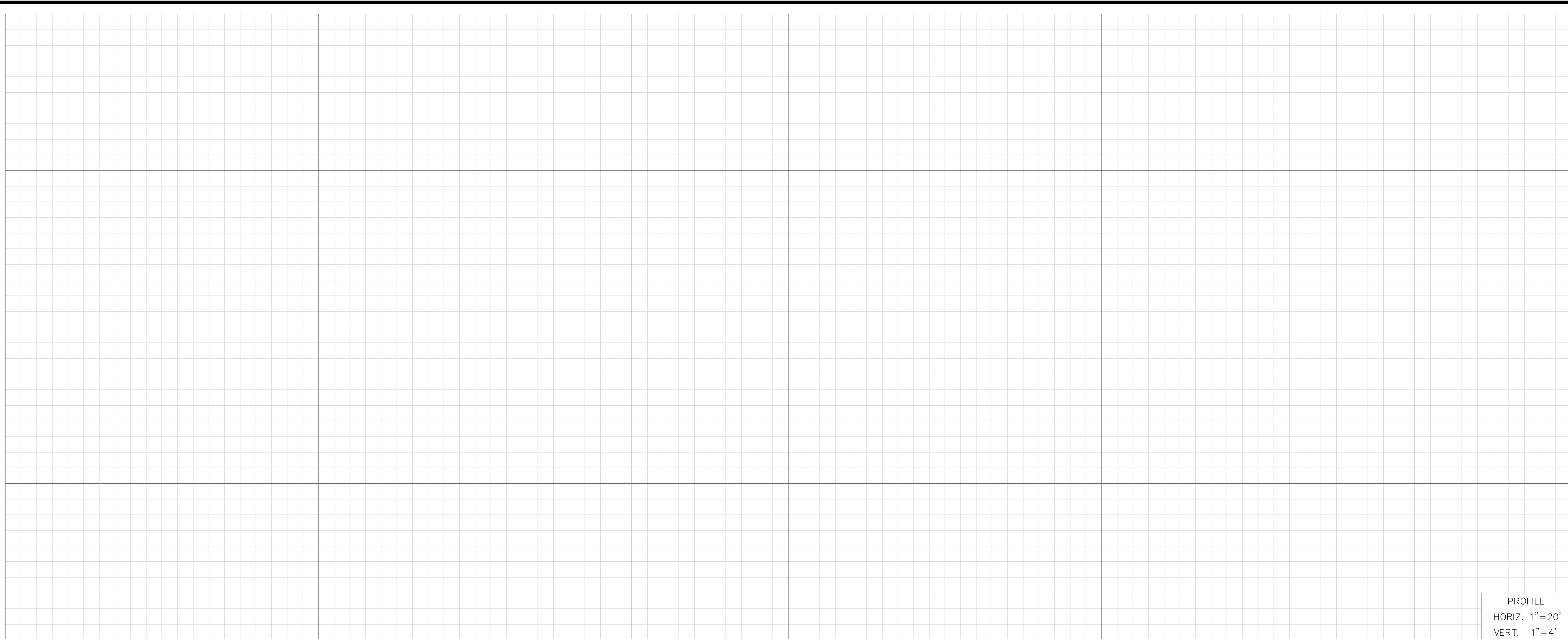
DESIGNED	XXX	DRAWN	XXX
CHECKED	JLS	DATE	X/XX/XXXX



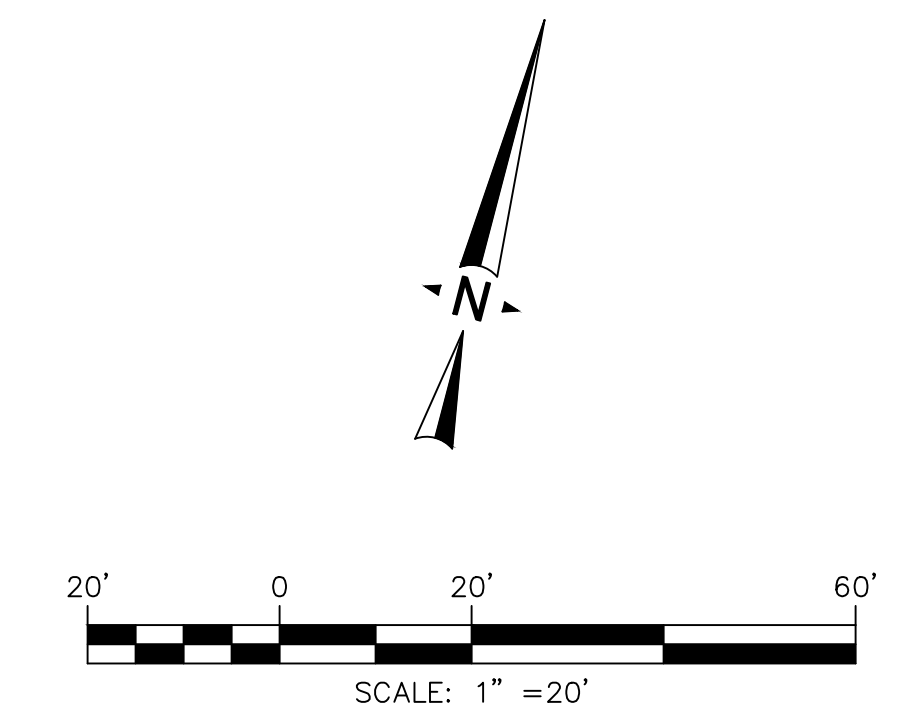
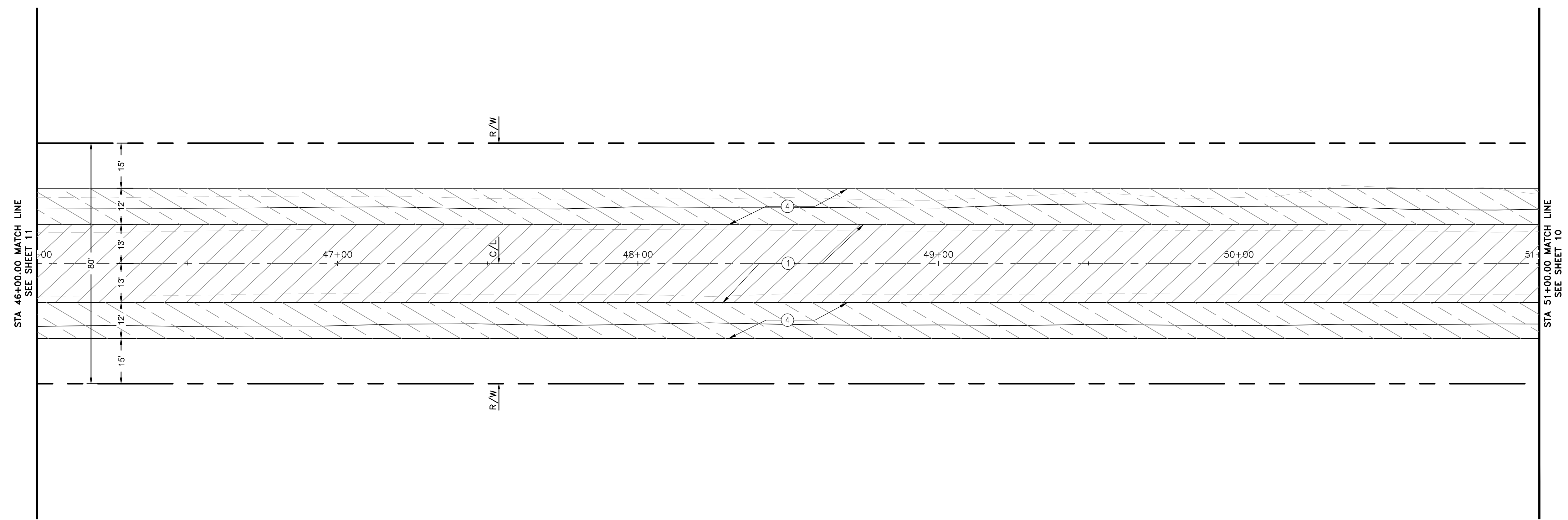
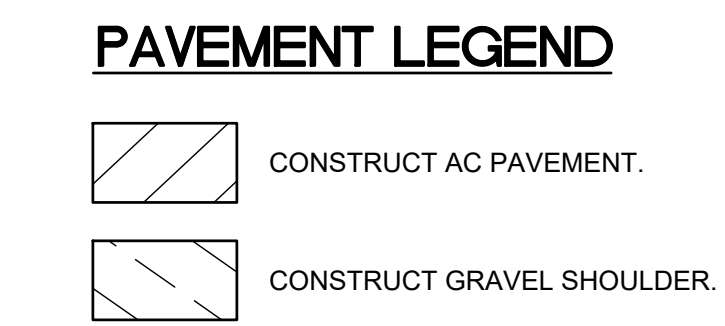
REVISIONS

DATE	DESCRIPTION

C:\Users\ryama\Box\Apple Valley-Stoddard Well\15-Road\11-Stoddard Well\11-Street Plan.dwg 10/22/20 - 5:16pm ryama



- CONSTRUCTION NOTES**
- 1 REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
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STODDARD WELLS ROAD

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD STREET PLAN AND PROFILE STA 46+00.00 TO STA 51+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 12 OF 32 SHEETS	DRAWING NO.

Underground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
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STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

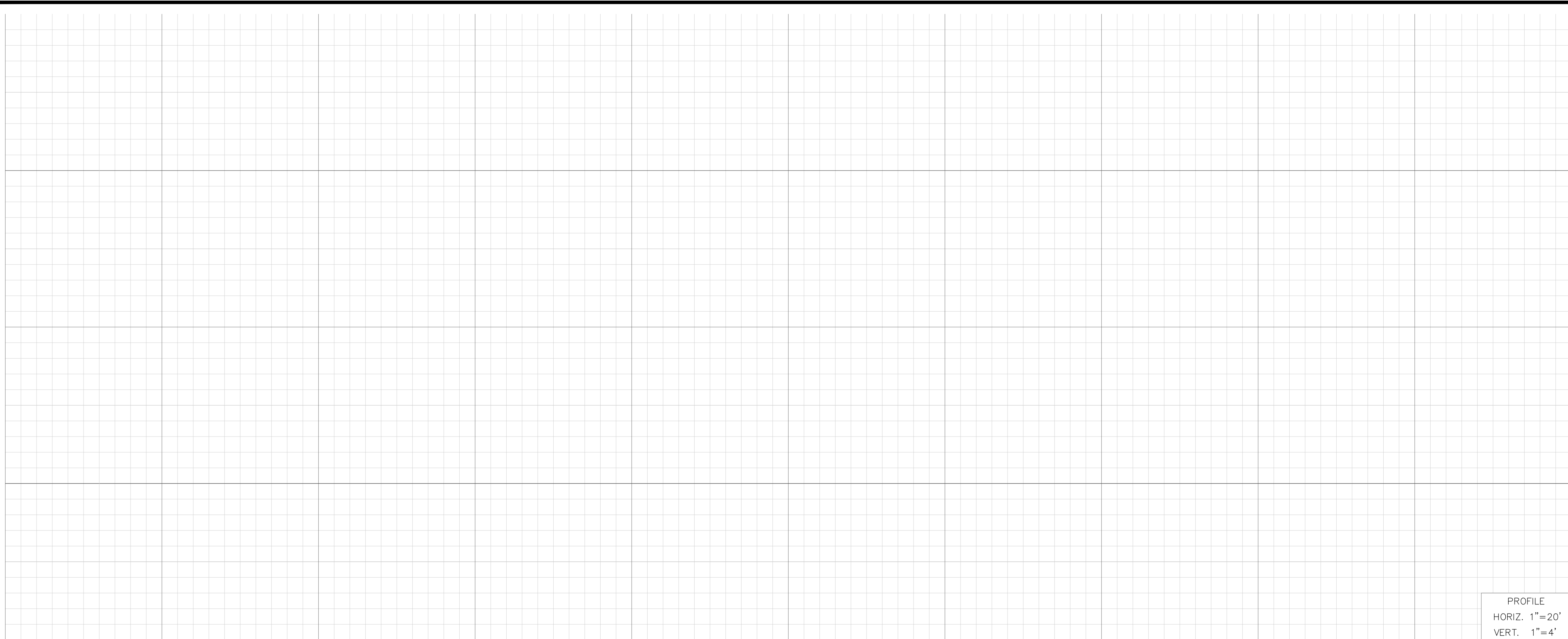
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:	JUSTIN L. SMEETS R.C.E. NO. 78314
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX

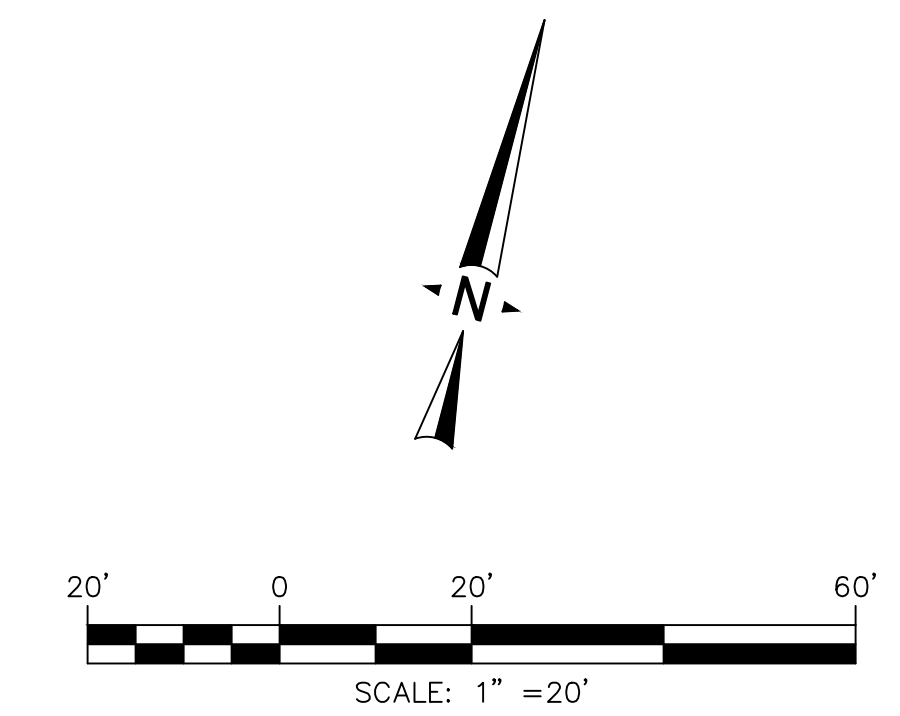
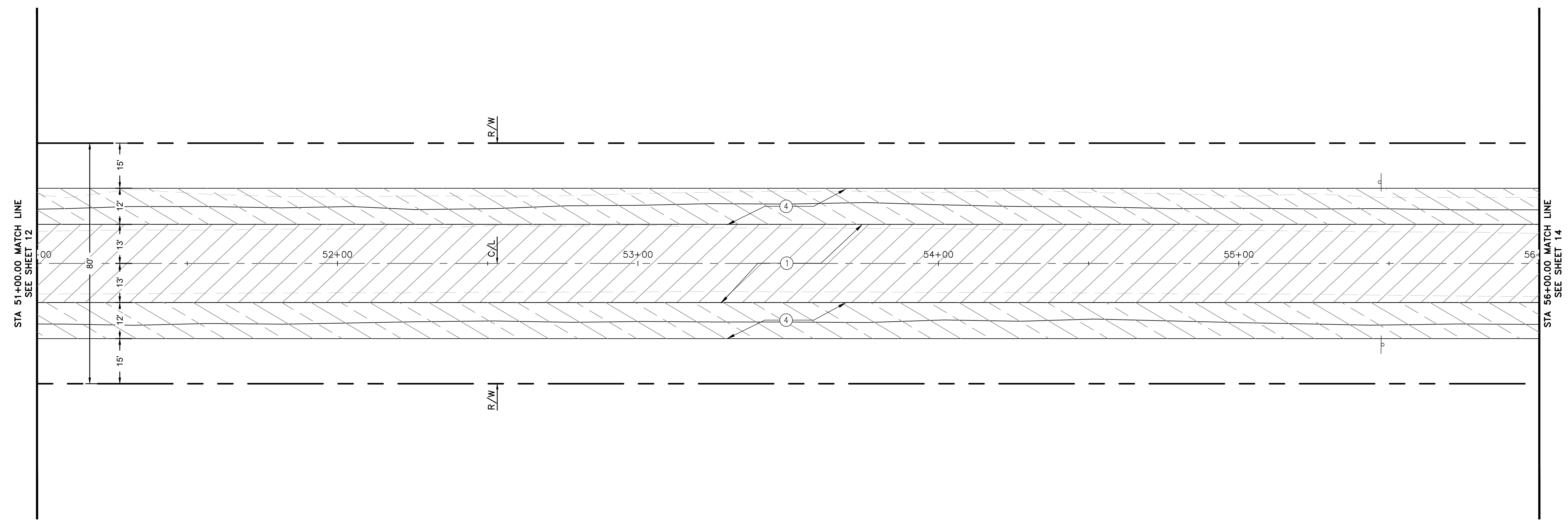
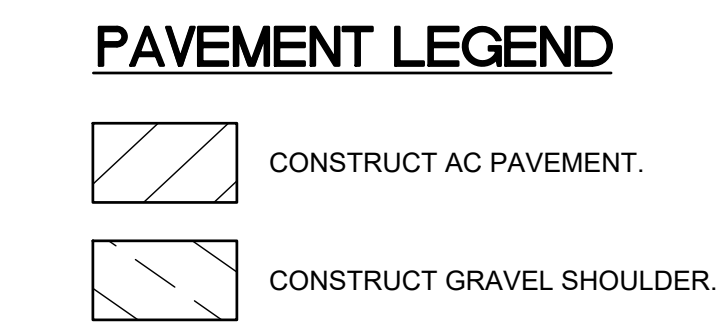


REVISIONS	
DATE	DESCRIPTION

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)



- CONSTRUCTION NOTES**
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TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 51+00.00 TO STA 56+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 13	DRAWING NO.
	OF 32 SHEETS	



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

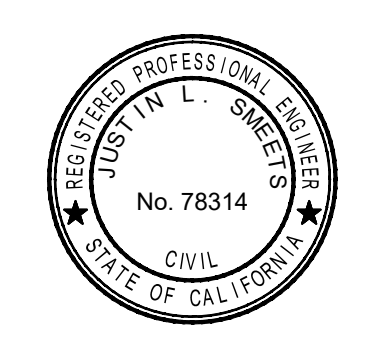
STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

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ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:	JUSTIN L. SMEETS R.C.E. NO. 78314
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

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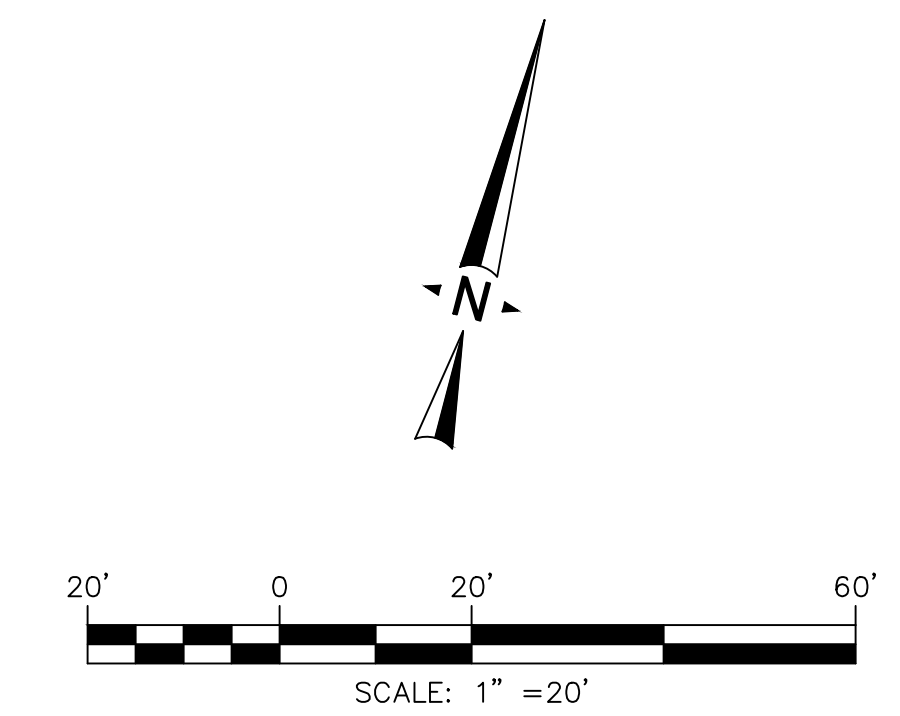
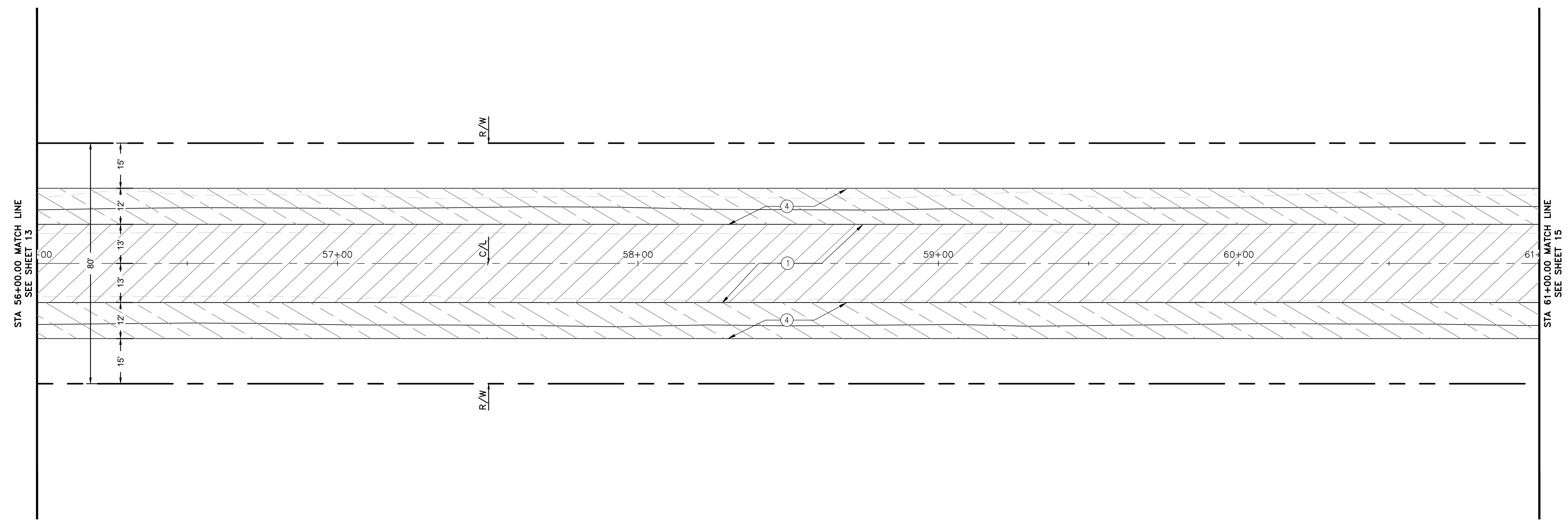


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- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

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JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



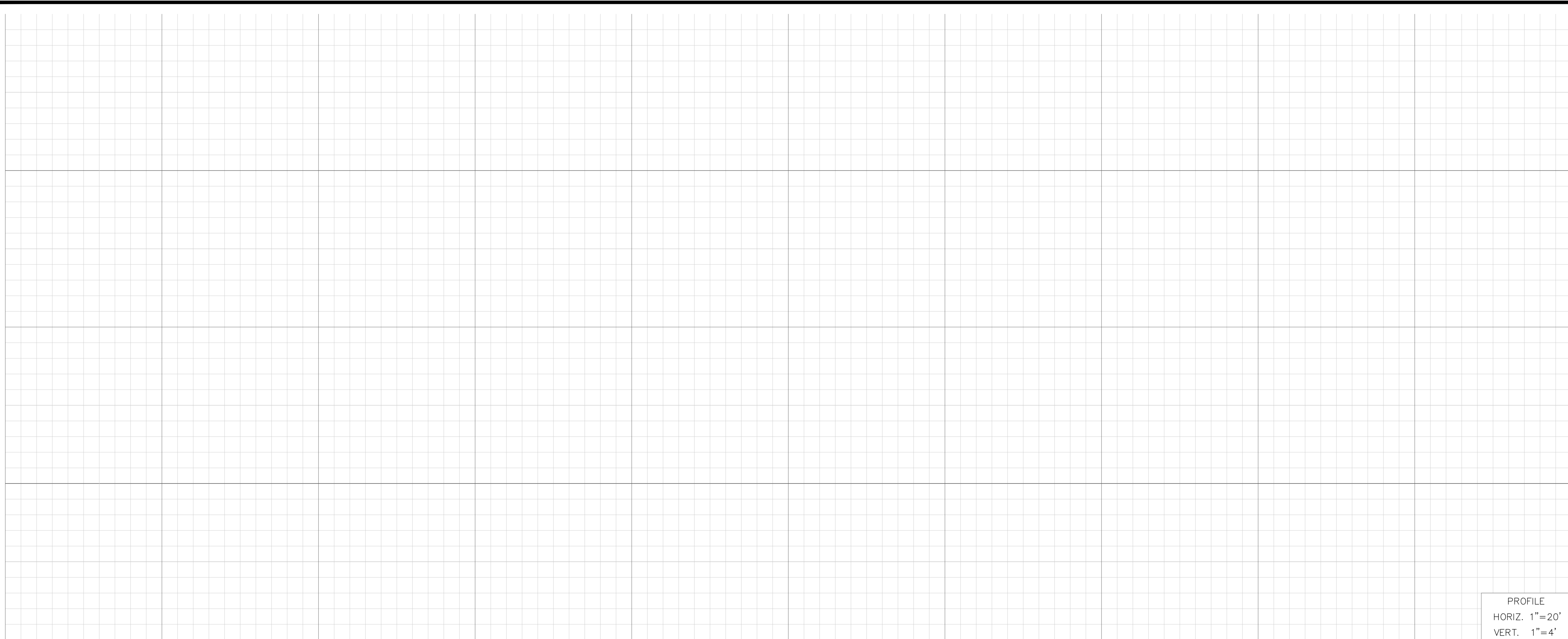
REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

STREET PLAN AND PROFILE
STA 56+00.00 TO STA 61+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 14	DRAWING NO.
OF 32 SHEETS		

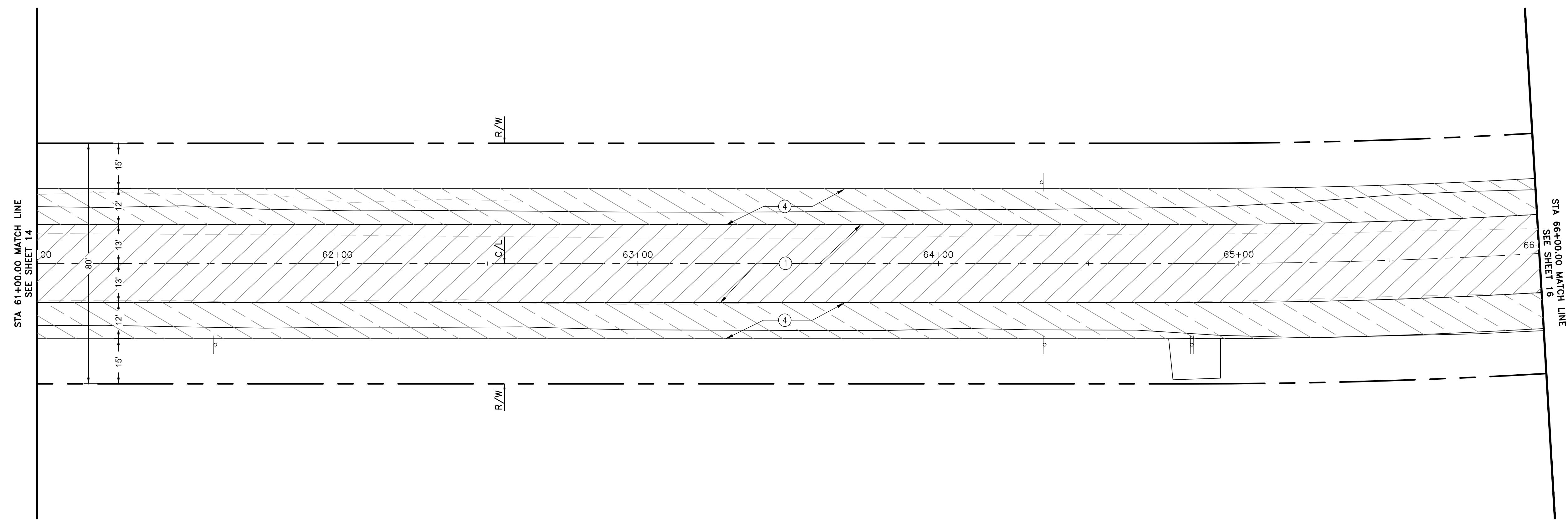


CONSTRUCTION NOTES

- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ④ REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 61+00.00 TO STA 66+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 15 OF 32 SHEETS	DRAWING NO.

Underground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:

JUSTIN L. SMEETS R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS

DATE	DESCRIPTION

C:\Users\ryama\Box\Apple Valley-Stoddard Well\Road Widening Project\Drawings\15 STREET PLAN.dwg 10/22/20 - 5:18pm ryama



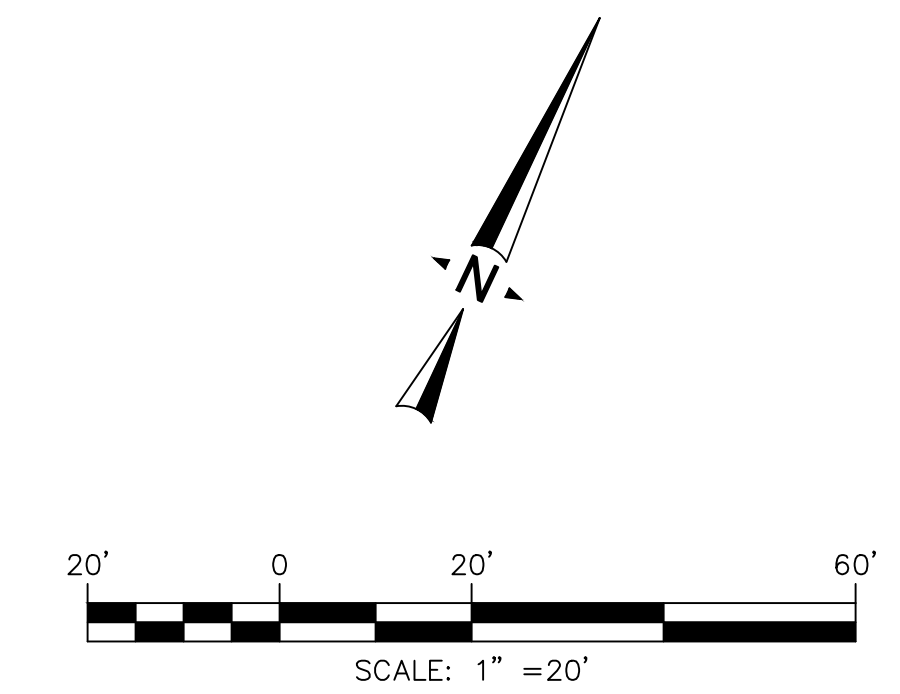
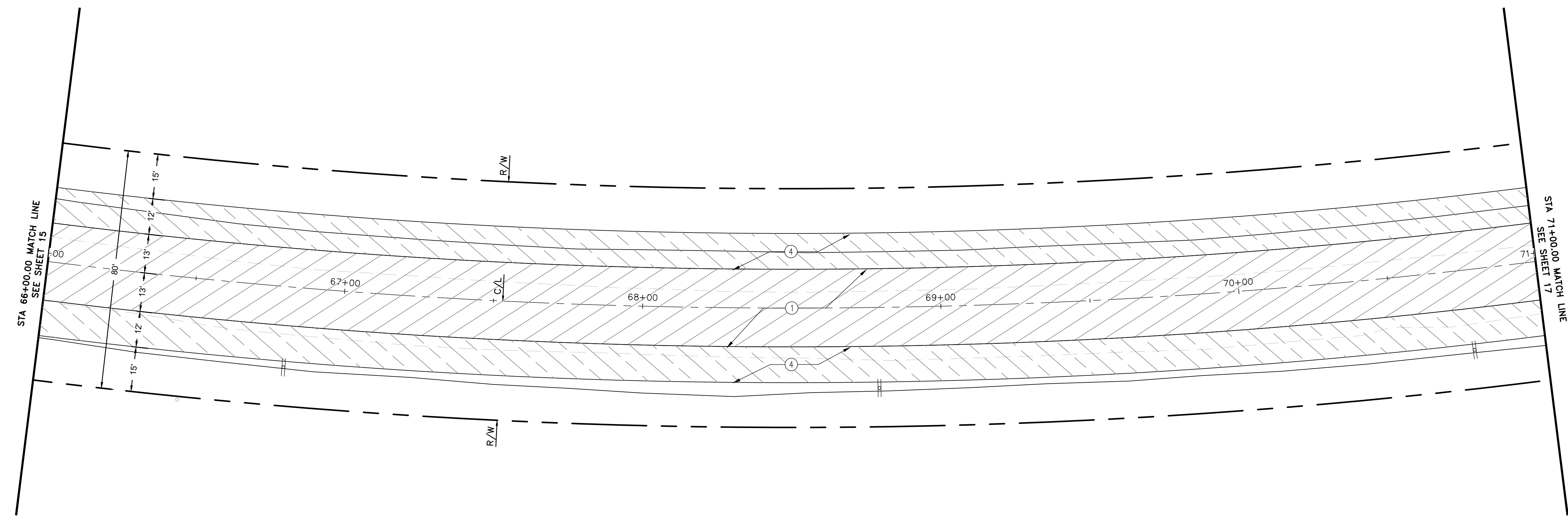
PROFILE
 HORIZ. 1"=20'
 VERT. 1"=4'

CONSTRUCTION NOTES

- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT (±9") INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ④ REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT.
- CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 66+00.00 TO STA 71+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 16	DRAWING NO.
	OF 32 SHEETS	

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 of Southern California
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 TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
 THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
 SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
 ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
 300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:

JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE X/XX/2020
DESIGNED XXX DRAWN XXX
CHECKED JLS DATE X/XX/XXXX



REVISIONS


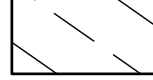
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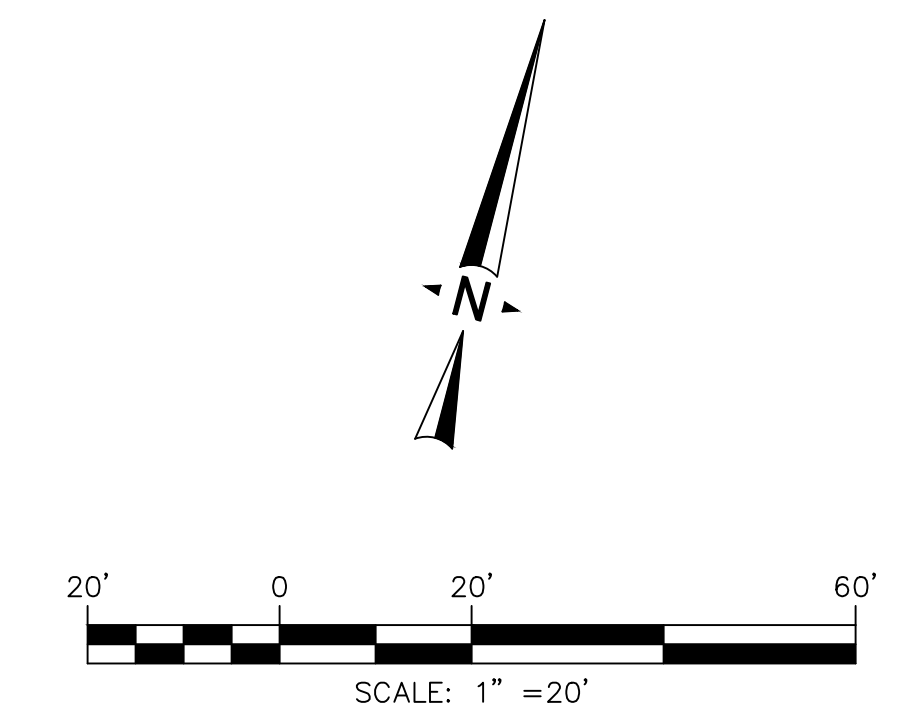
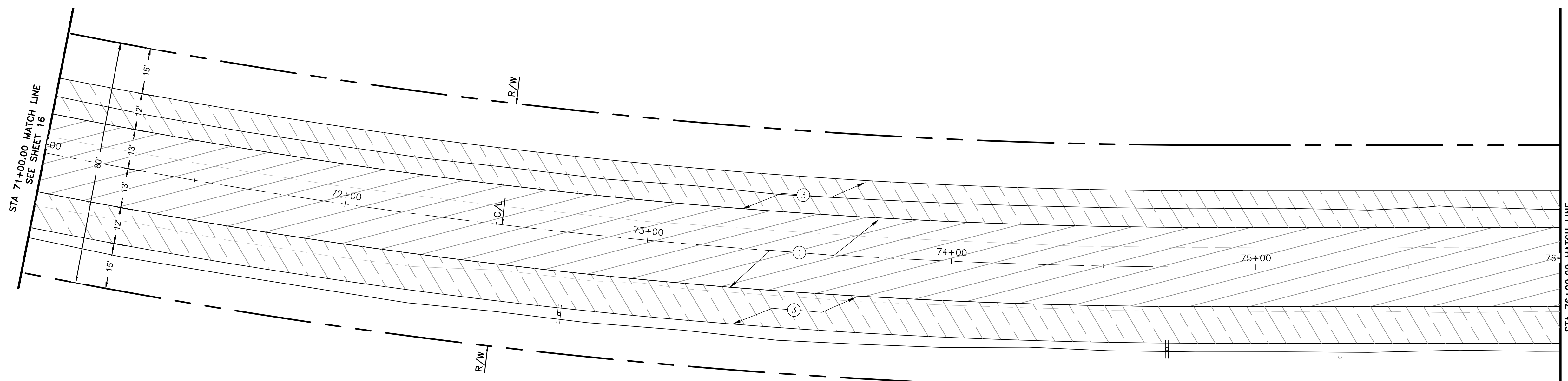
CONSTRUCTION NOTES

- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
- ④ REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

-  CONSTRUCT AC PAVEMENT.
-  CONSTRUCT GRAVEL SHOULDER.

PROFILE
HORIZ. 1"=20'
VERT. 1"=4'



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
STREET PLAN AND PROFILE
STA 71+00.00 TO STA 76+00.00

Underground Service Alert
of Southern California
Call: TOLL FREE
1-800-227-2600
or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

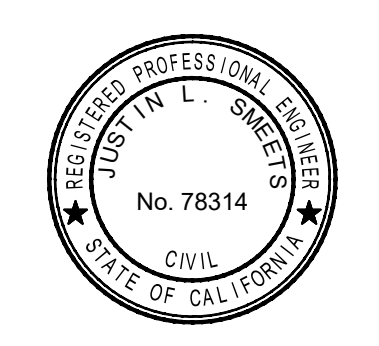
BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020

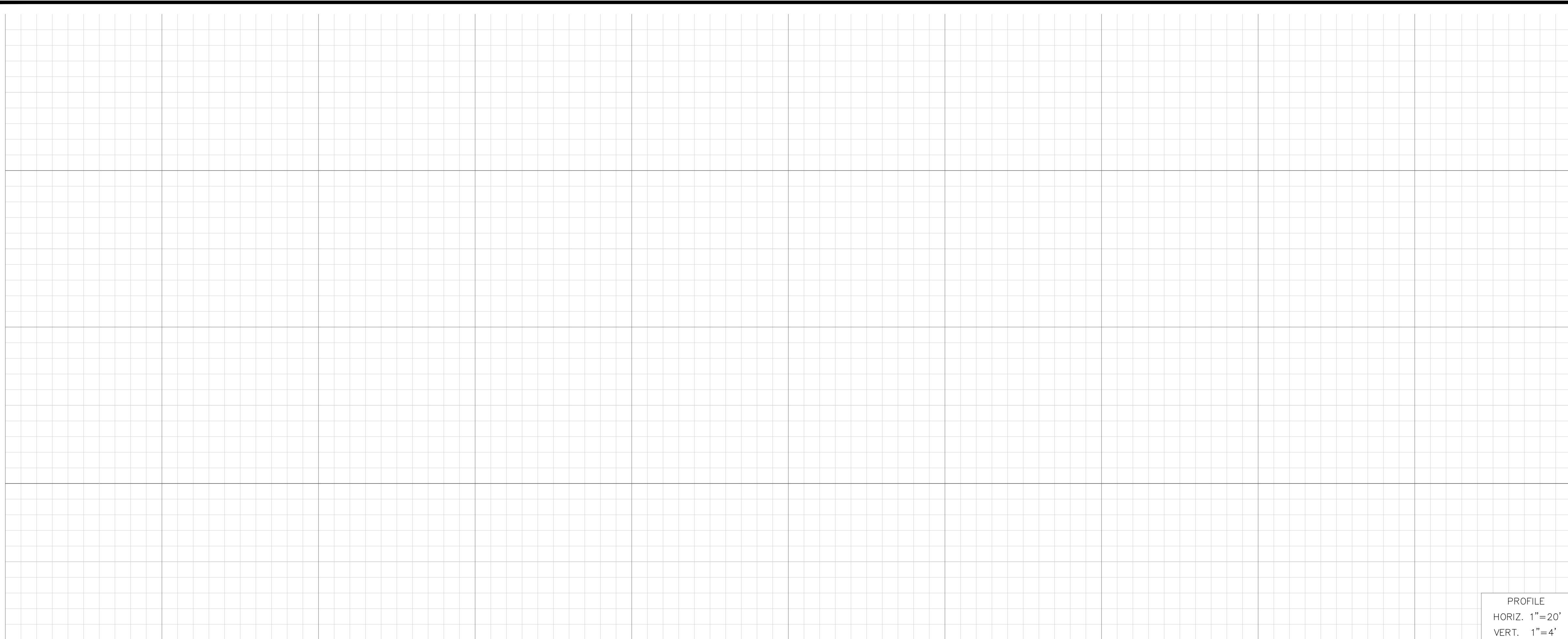
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



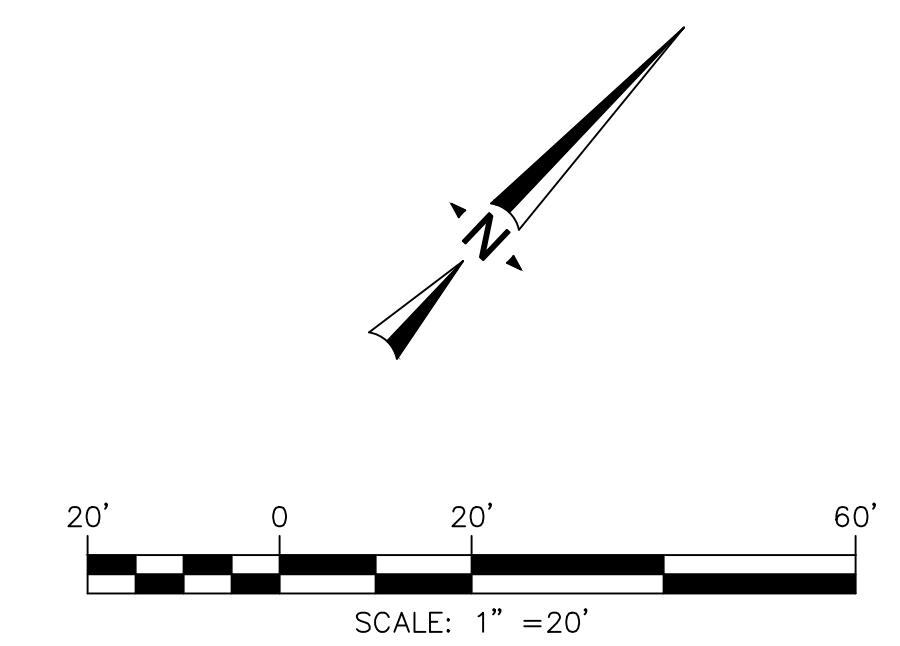
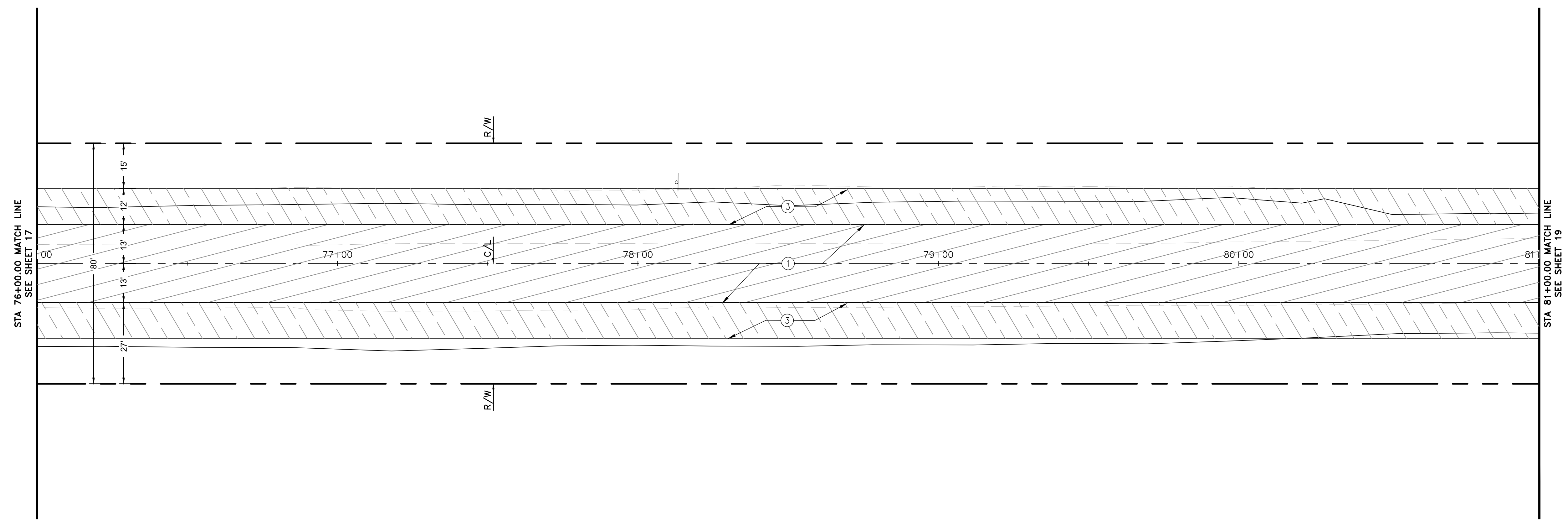
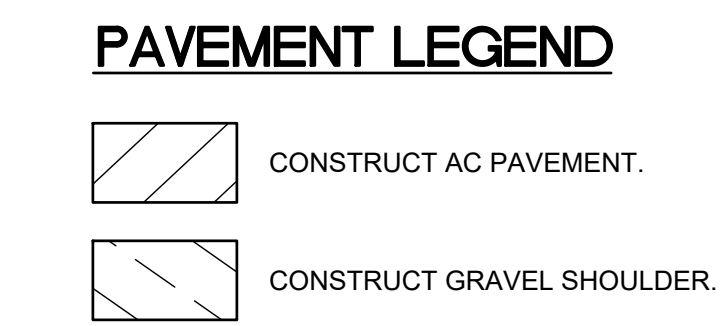
REVISIONS	
DATE	DESCRIPTION

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 17	DRAWING NO.
	OF 32 SHEETS	

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- CONSTRUCTION NOTES**
- 1 REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - 4 REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.



TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 76+00.00 TO STA 81+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 18	DRAWING NO.
	OF 32 SHEETS	



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020

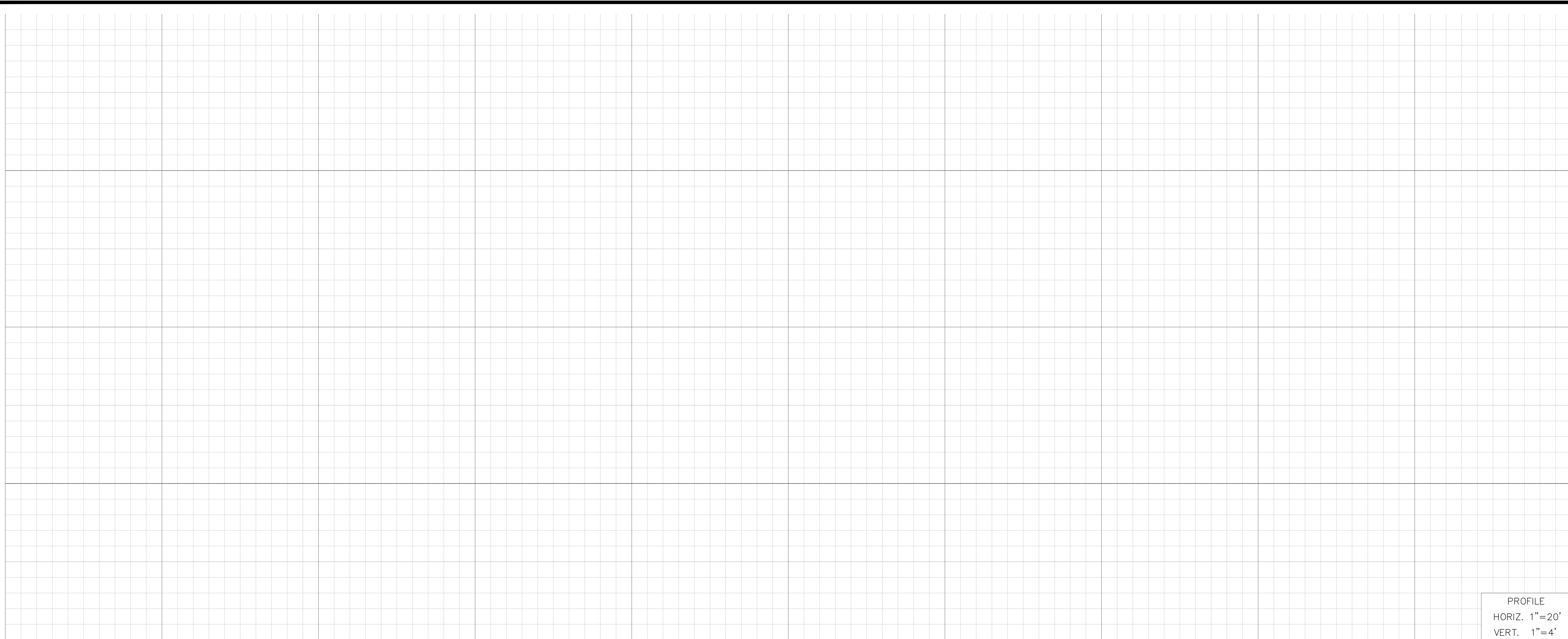
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



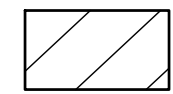

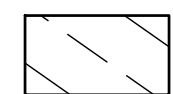
REVISIONS	
DATE	DESCRIPTION

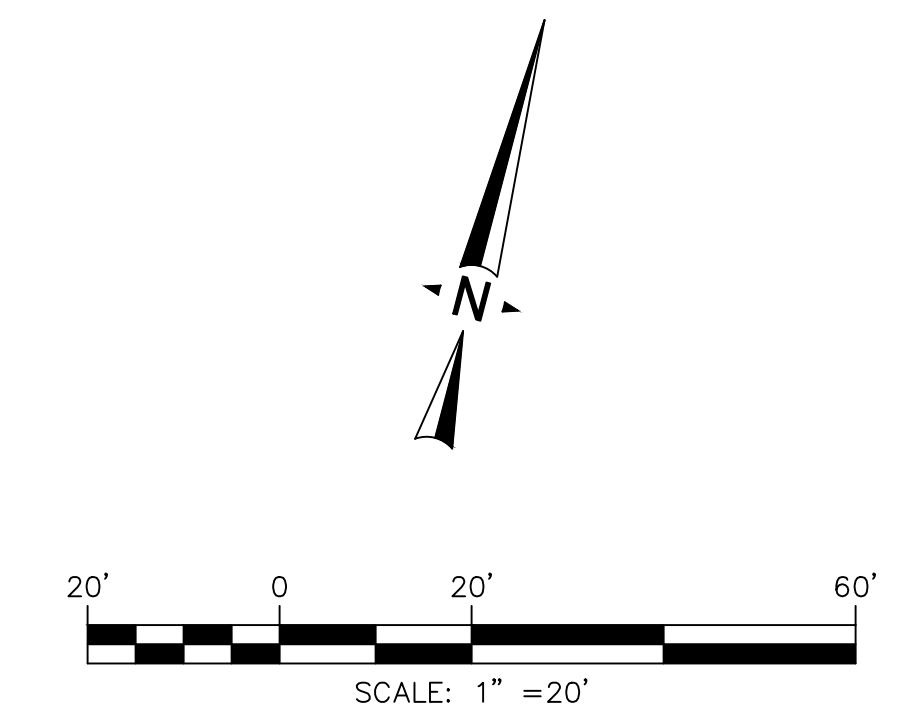
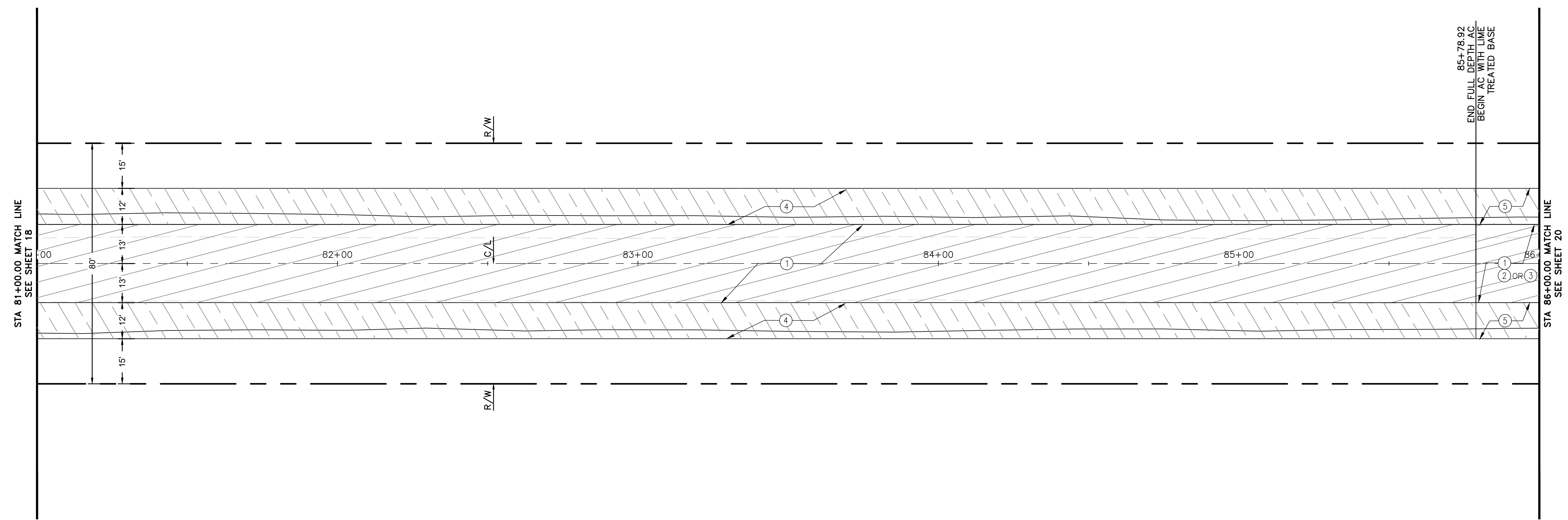
PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

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- CONSTRUCTION NOTES**
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28 COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
 - ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
 - ④ REMOVE NATIVE MATERIAL AND CONSTRUCT 8" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.
 - ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

- PAVEMENT LEGEND**
-  CONSTRUCT AC PAVEMENT.
 -  CONSTRUCT AC PAVEMENT AND SUBGRADE.
 -  CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

Underground Service Alert
of Southern California
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or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:

JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



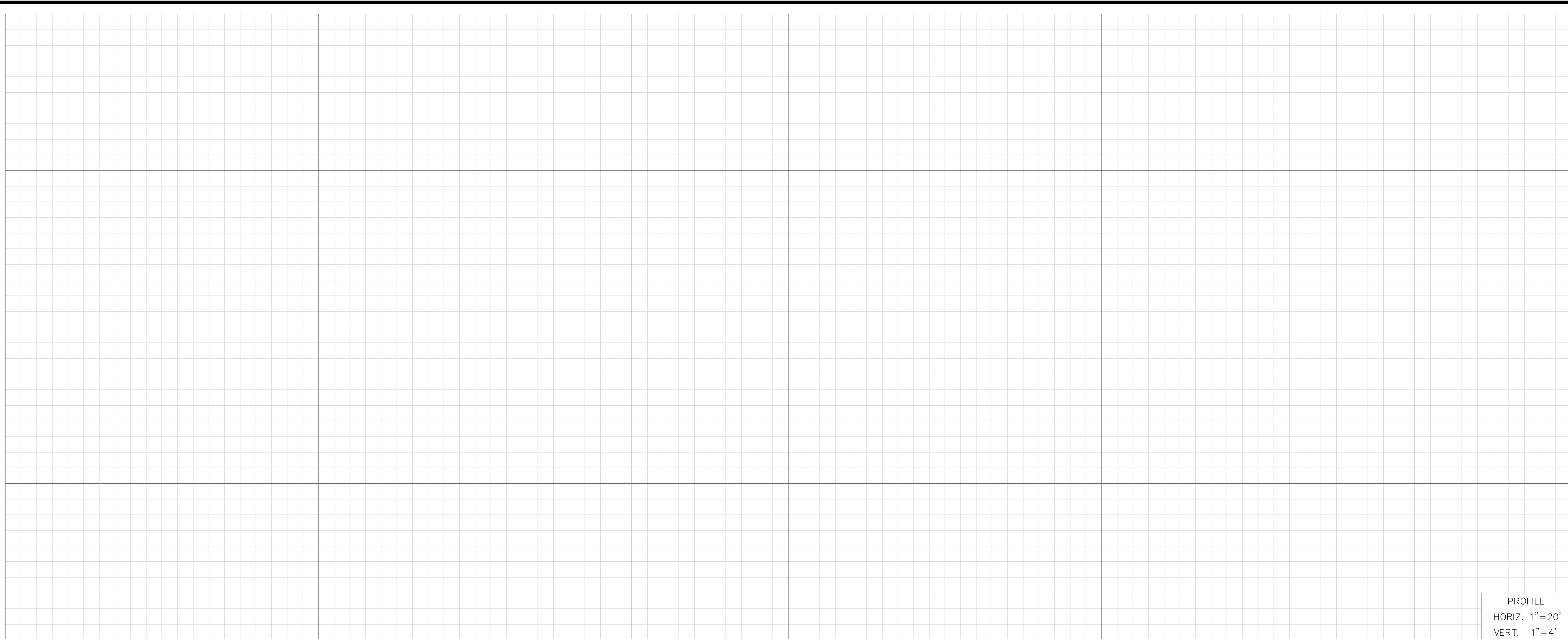
REVISIONS

DATE	DESCRIPTION

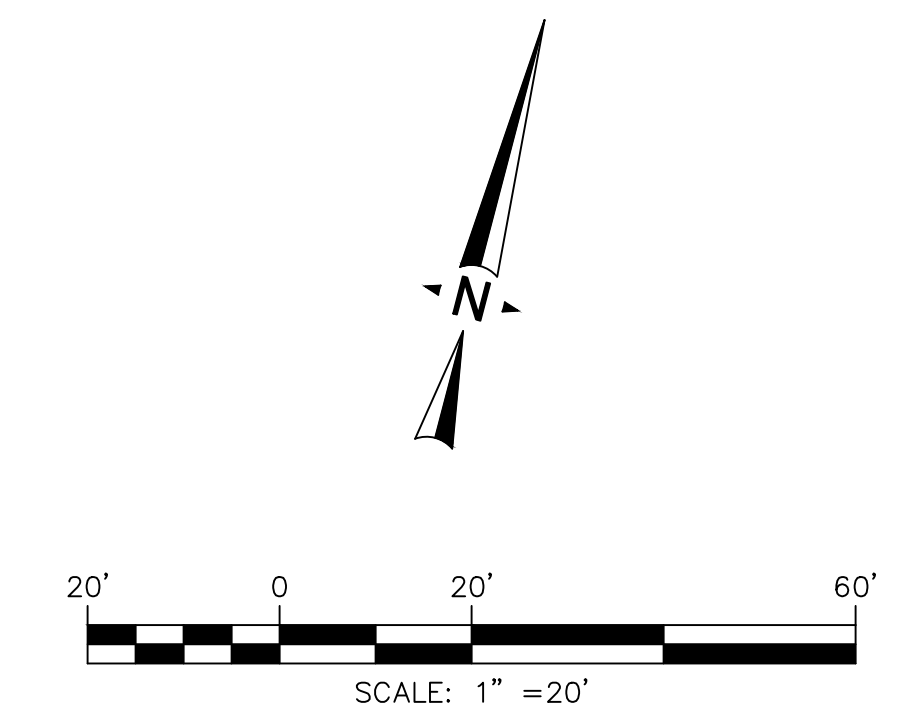
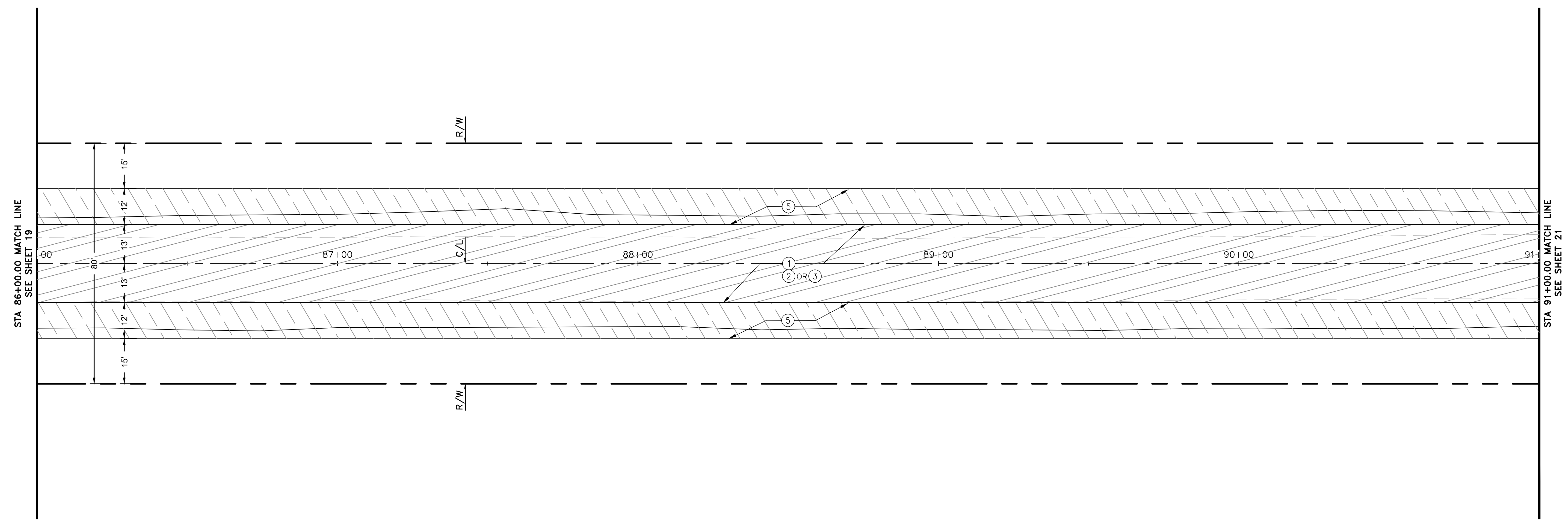
TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
STREET PLAN AND PROFILE
STA 81+00.00 TO STA 86+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 19	DRAWING NO.
OF 32 SHEETS		



- CONSTRUCTION NOTES**
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9''$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
 - ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
 - ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.



STODDARD WELLS ROAD

TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD		
STREET PLAN AND PROFILE STA 86+00.00 TO STA 91+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 20	DRAWING NO.
	OF 32 SHEETS	

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Call: TOLL FREE
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or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:

SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.

ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

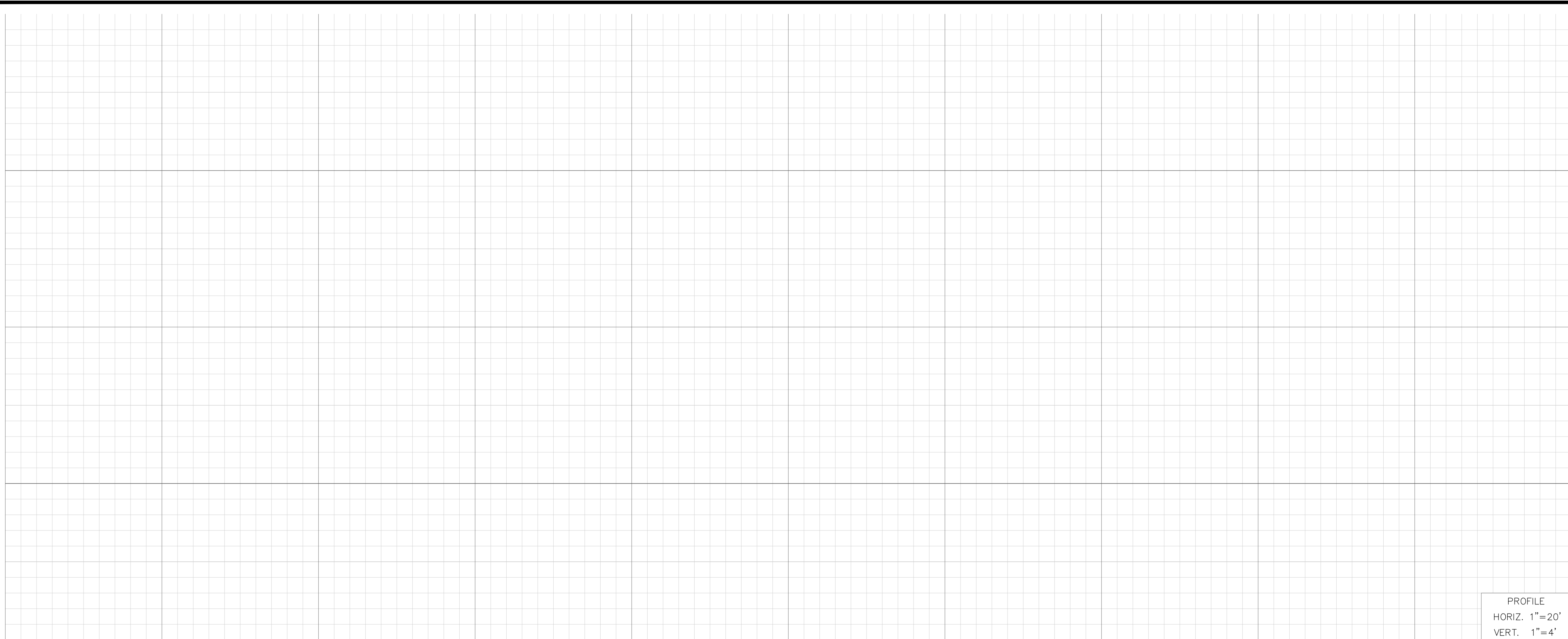
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:	
JUSTIN L. SMEETS R.C.E. NO. 78314	
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX



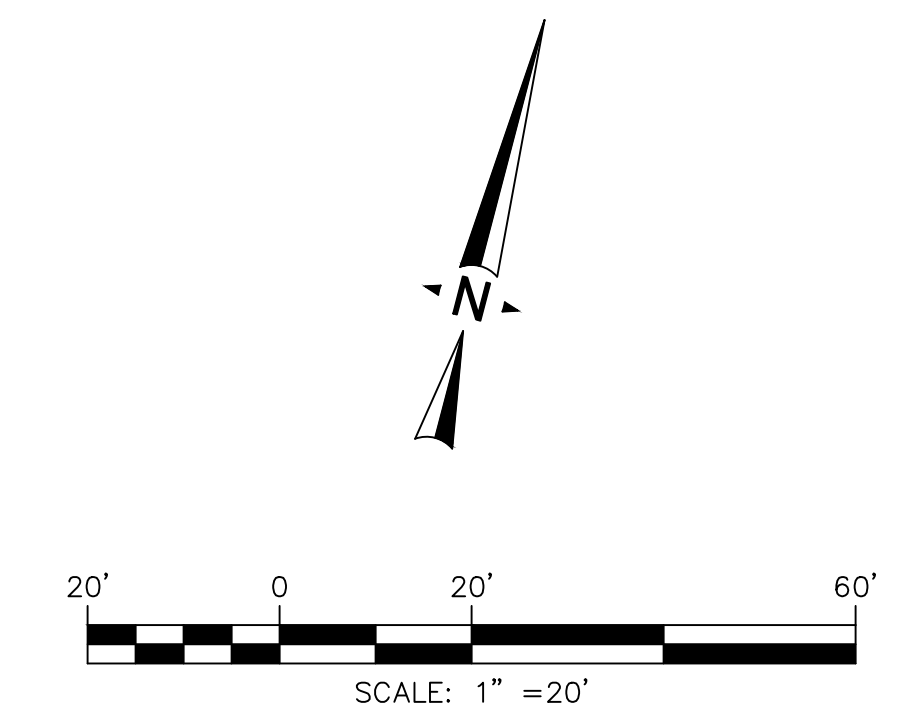
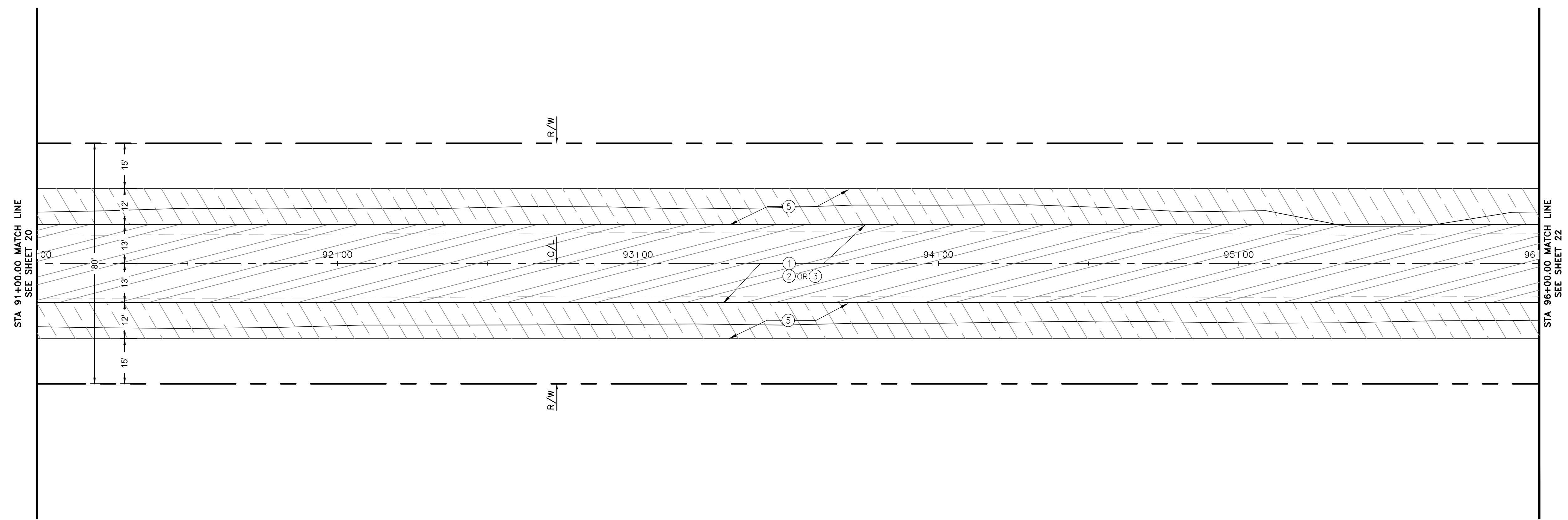
REVISIONS	
DATE	DESCRIPTION

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)



- CONSTRUCTION NOTES**
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
 - ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
 - ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

- PAVEMENT LEGEND**
- CONSTRUCT AC PAVEMENT AND SUBGRADE.
 - CONSTRUCT GRAVEL SHOULDER.



STODDARD WELLS ROAD

**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

STREET PLAN AND PROFILE
STA 91+00.00 TO STA 96+00.00

DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 21 OF 32 SHEETS	DRAWING NO.

Underground Service Alert
of Southern California

Call: TOLL FREE
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or **811**

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:

SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.

ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING

300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314

DATE: X/XX/2020

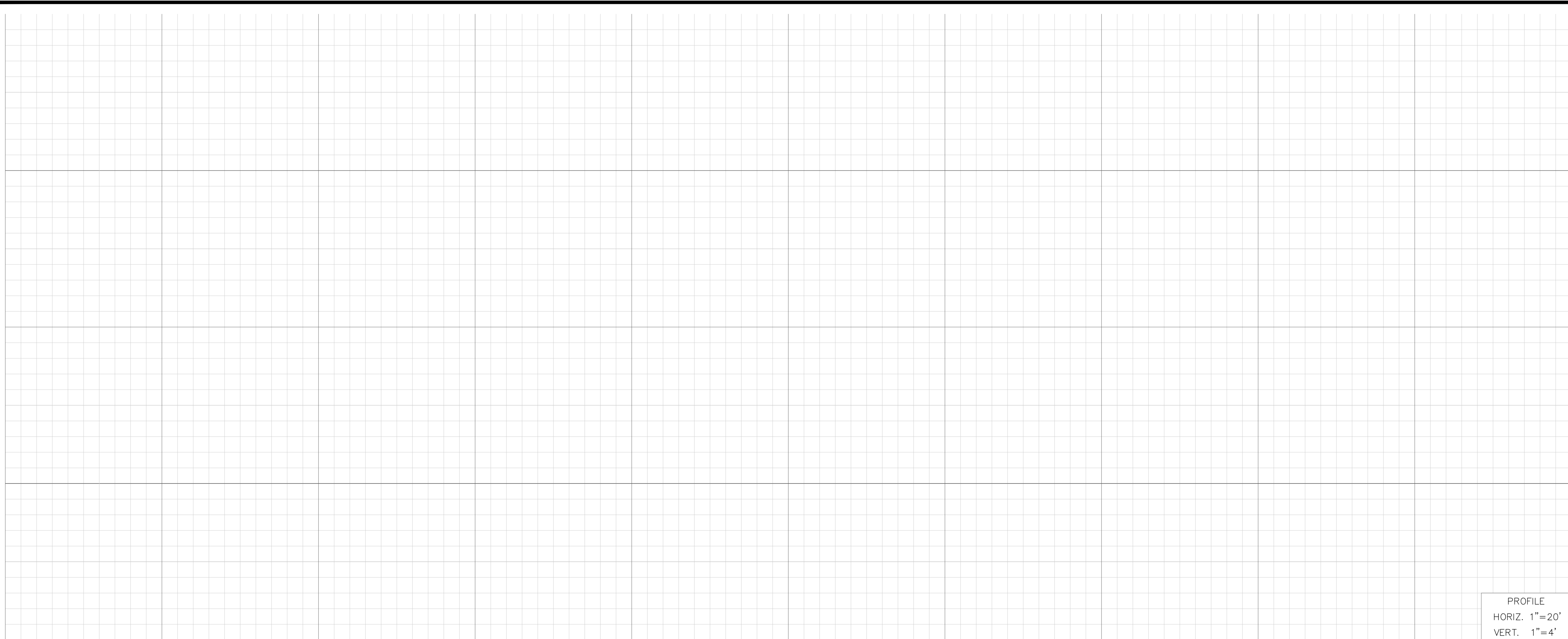
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

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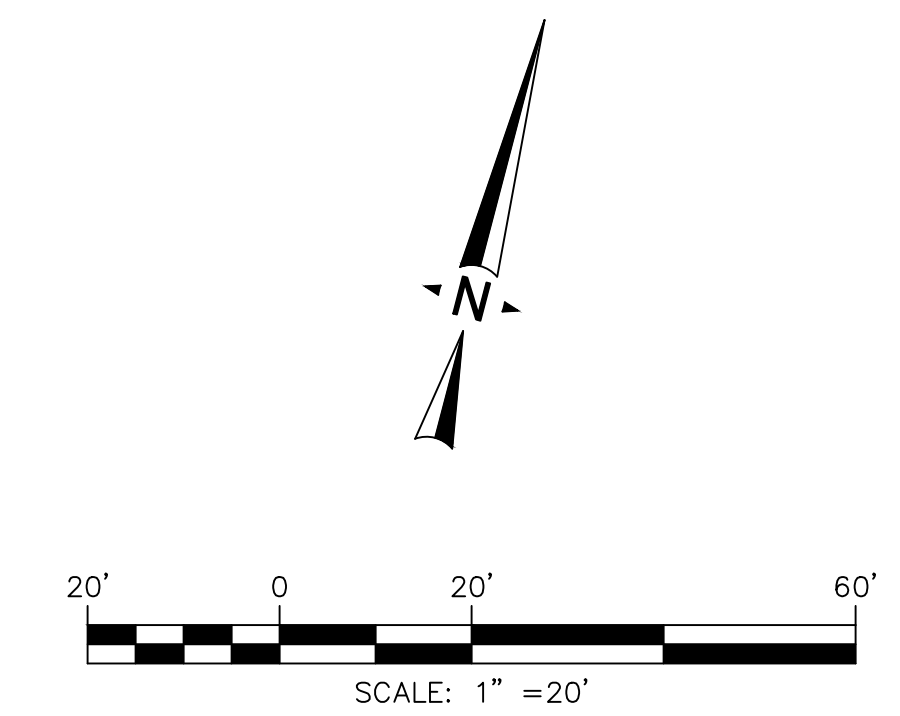
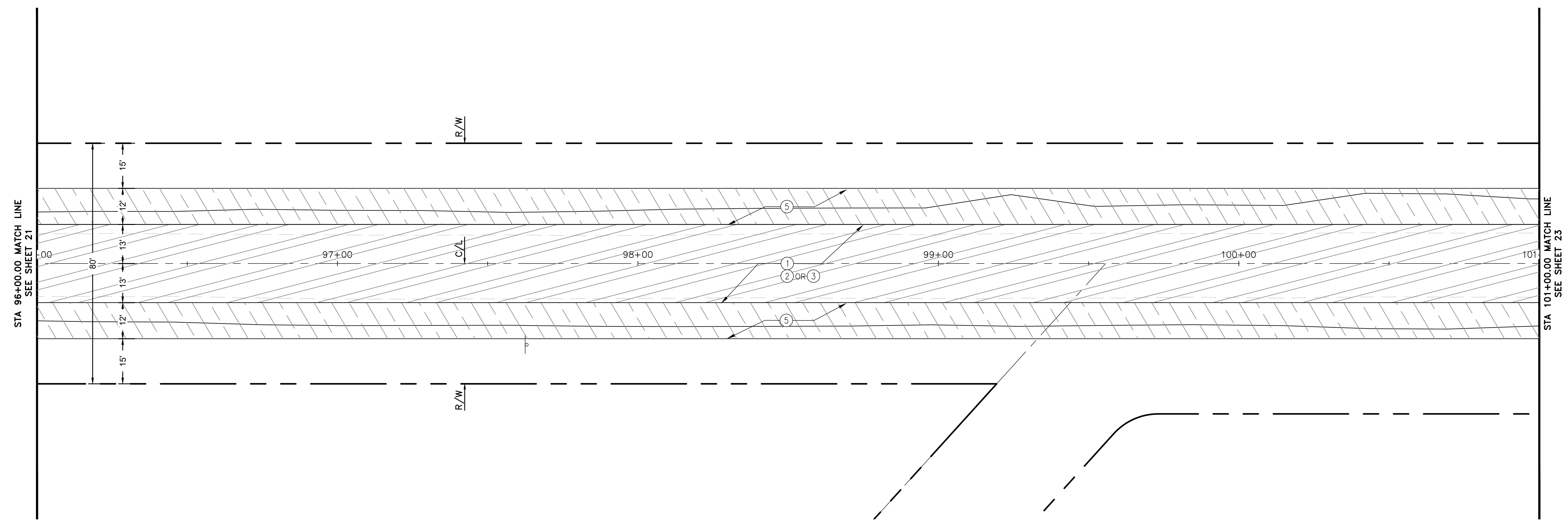


- CONSTRUCTION NOTES**
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9"$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
 - ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
 - ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.

PAVEMENT LEGEND

- CONSTRUCT AC PAVEMENT AND SUBGRADE.
- CONSTRUCT GRAVEL SHOULDER.

PROFILE
 HORIZ. 1"=20'
 VERT. 1"=4'



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY
 CALIFORNIA
 ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
 FROM INTERSTATE 15 TO JOHNSON ROAD

STREET PLAN AND PROFILE
 STA 96+00.00 TO STA 101+00.00

DRAWN	CHECKED	SCALE
APPROVED BY _____		
PROJECT NO.	SHEET NO. 22	DRAWING NO.
	OF 32 SHEETS	

Underground Service Alert
 of Southern California

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TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
 THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
 THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:

SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.

ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING

300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

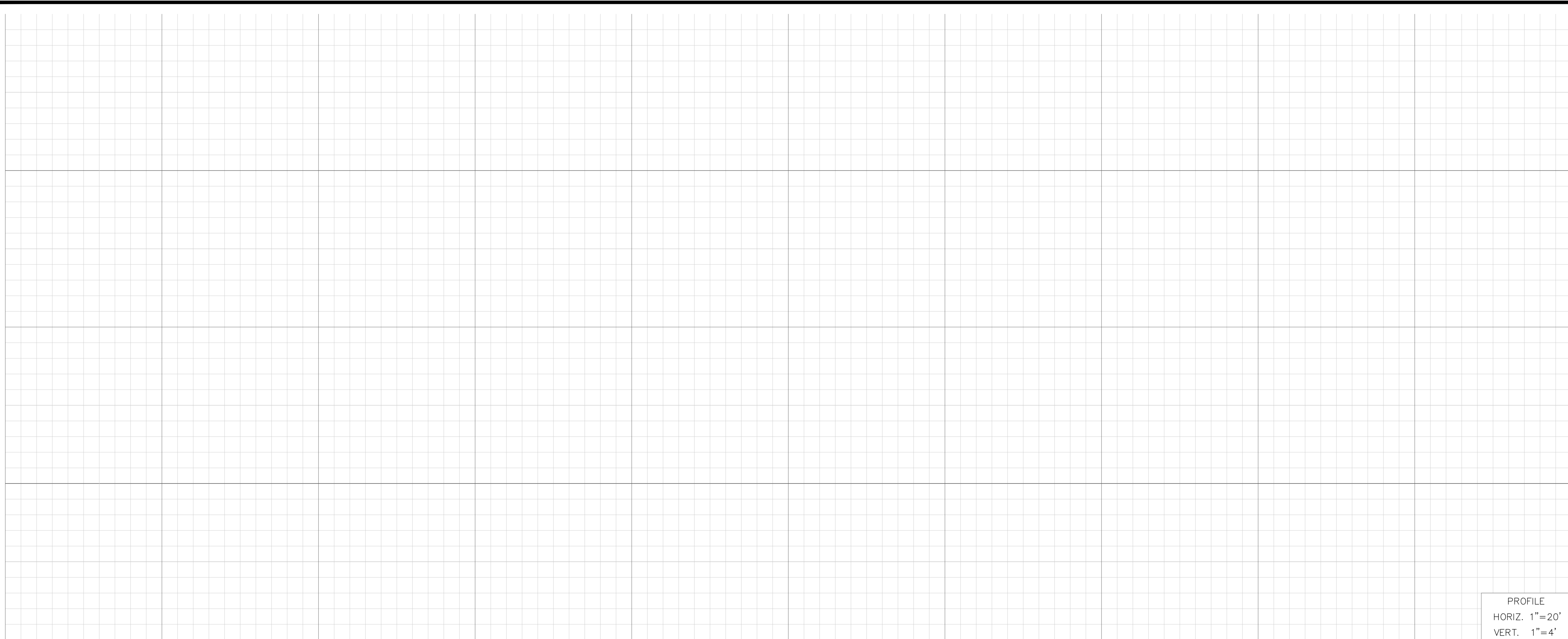
REVIEWED:
 JUSTIN L. SMEETS
 R.C.E. NO. 78314

DATE: X/XX/2020

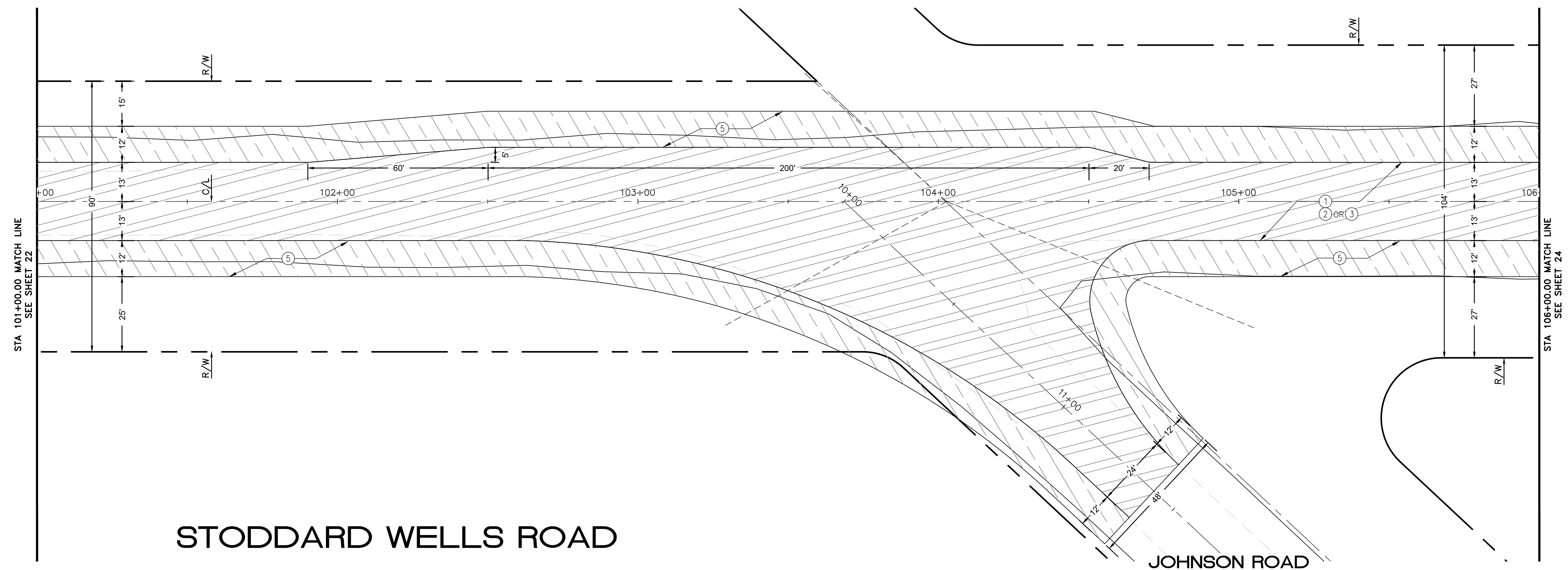
DESIGNED	XXX	DRAWN	XXX
CHECKED	JLS	DATE	X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION



- CONSTRUCTION NOTES**
- ① REMOVE EXISTING AND CONSTRUCT FULL DEPTH AC PAVEMENT ($\pm 9''$) INCLUDING 2" THICK C2 PG 64-28 SURFACE COURSE (OVERLAY) OVER 7" B PG 64-28. COMPACT BASE OR NATIVE MATERIAL TO 95% RELATIVE COMPACTION.
 - ② REMOVE EXISTING AND CONSTRUCT 23.5" THICK CLASS II SUBGRADE.
 - ③ PULVERIZE TOP 12" OF EXISTING SUBGRADE AND STABILIZE WITH LIME.
 - ⑤ REMOVE NATIVE MATERIAL AND CONSTRUCT 12" THICK SHOULDER WITH CLASS II BASE MATERIAL. RECYCLE EXISTING AC PAVEMENT TO BE REMOVED FOR SOURCE MATERIAL.



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

STODDARD WELLS ROAD

JOHNSON ROAD



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION **NORTHING** **EASTING**
P589 2049439.15 6829370.46
P470 1991209.57 6744367.96

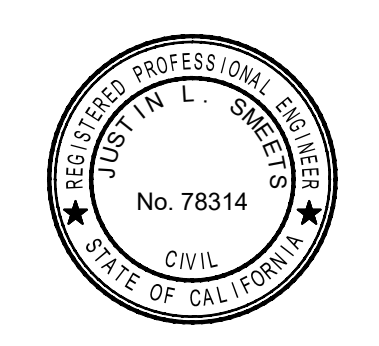
BASIS OF COORDINATES:
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SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

REVIEWED:
JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

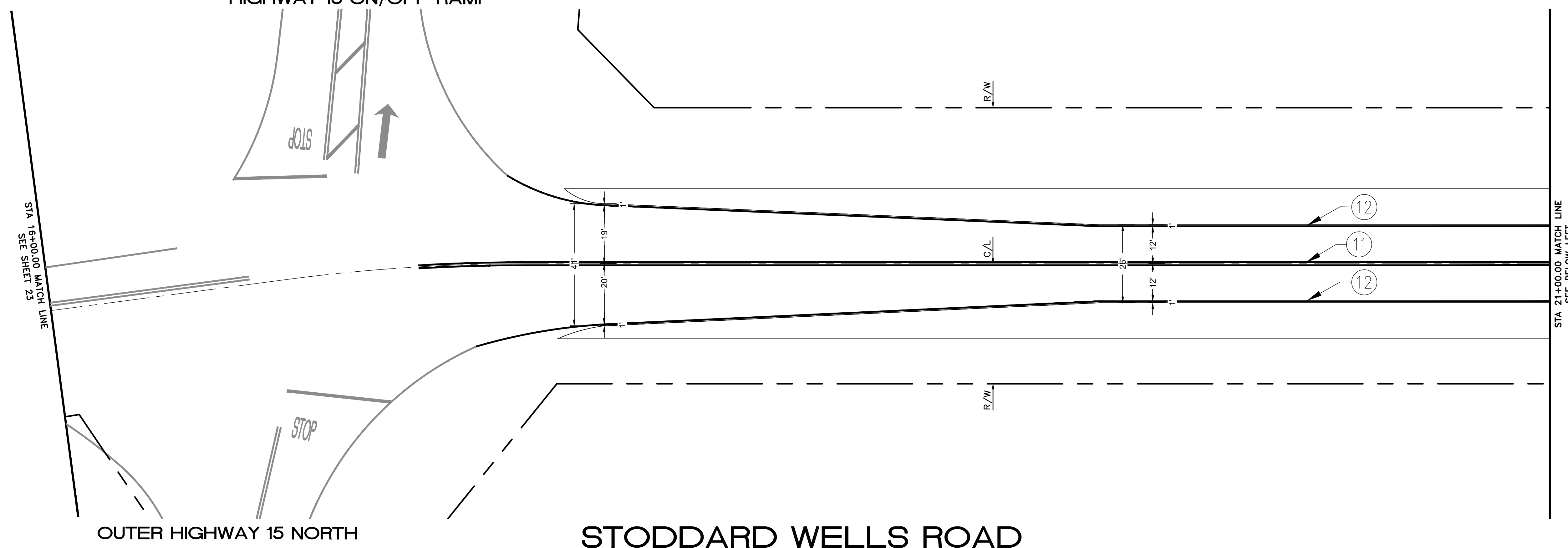
TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

STREET PLAN AND PROFILE
STA 101+00.00 TO STA 106+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 23	DRAWING NO.
OF 32 SHEETS		

HIGHWAY 15 ON/OFF RAMP

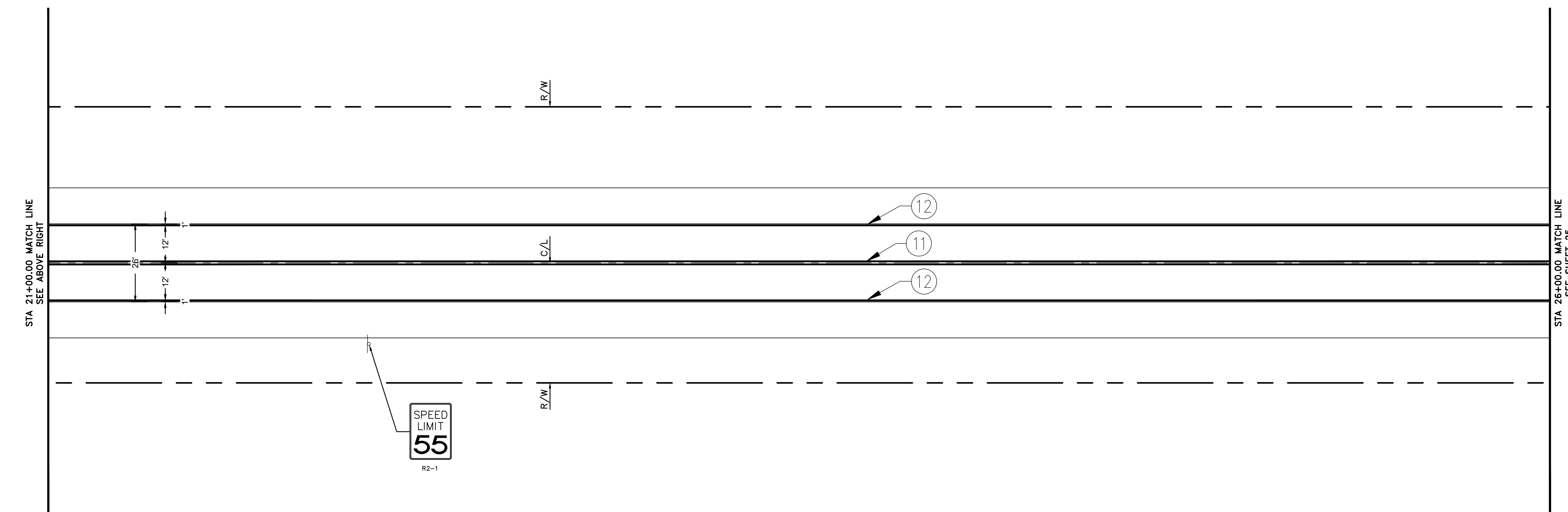


STRIPING NOTES

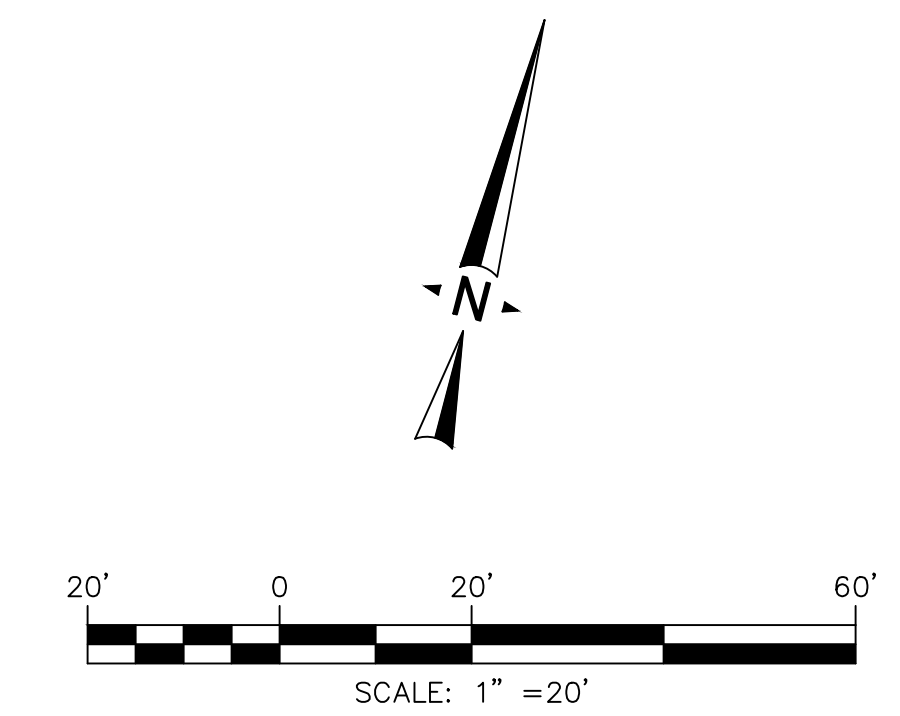
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.

OUTER HIGHWAY 15 NORTH

STODDARD WELLS ROAD



SPEED LIMIT
55
R2-1



STODDARD WELLS ROAD

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
SIGNING AND STRIPING PLAN
STA 16+00.00 TO STA 26+00.00



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX

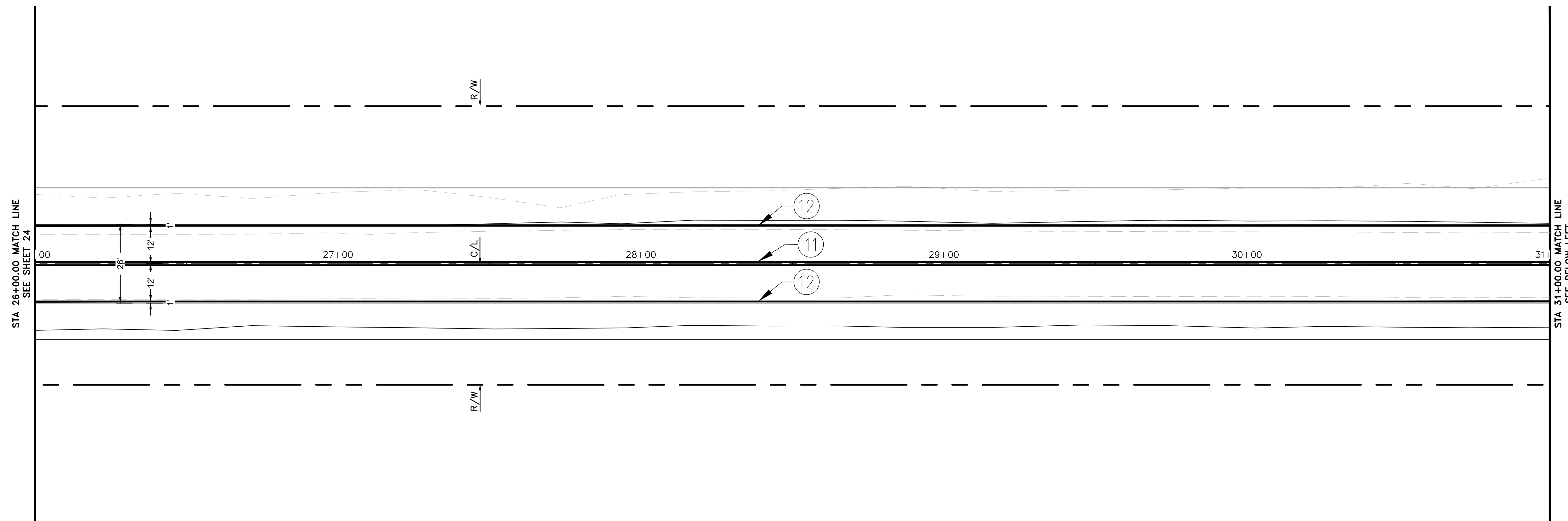


REVISIONS	
DATE	DESCRIPTION

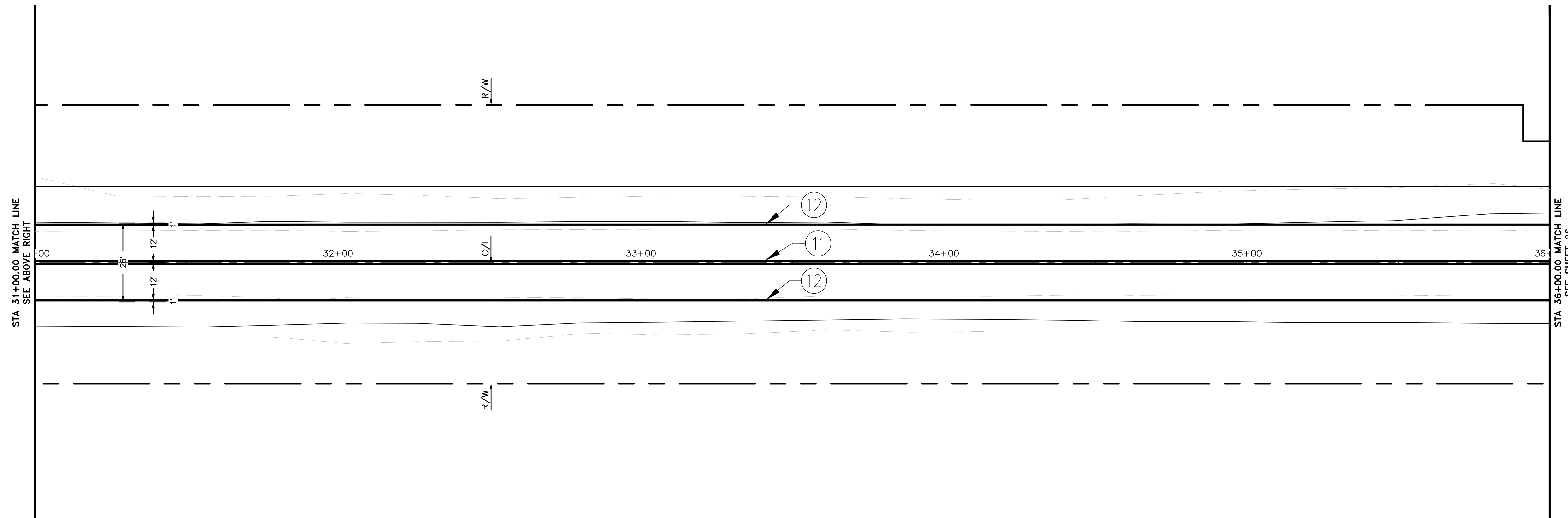
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 24	DRAWING NO.
	OF 32 SHEETS	

STRIPING NOTES

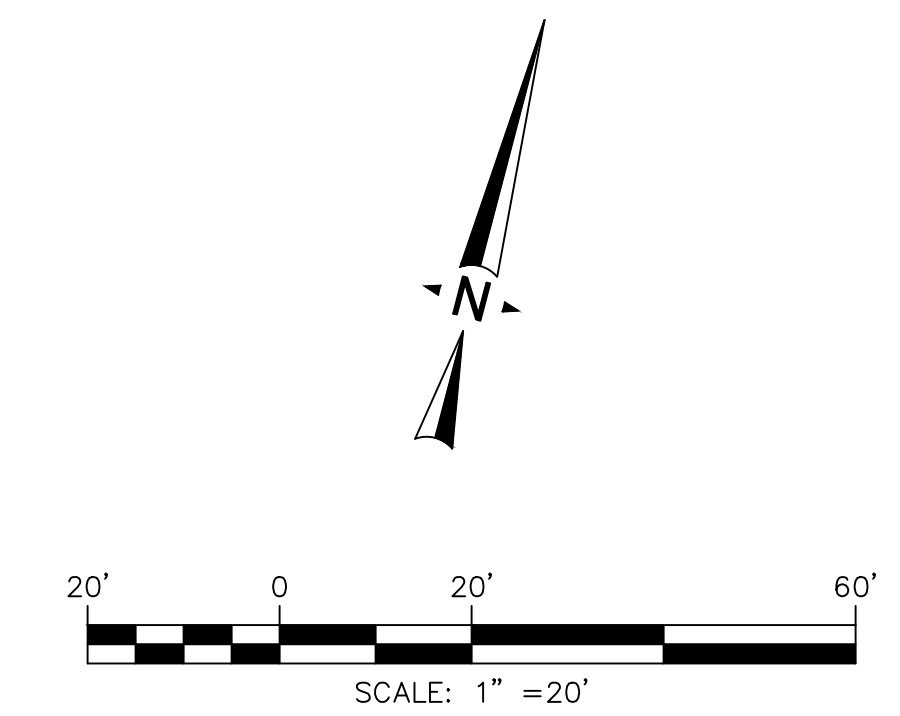
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

**STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
SIGNING AND STRIPING
STA 26+00.00 TO STA 36+00.00**

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 25	DRAWING NO.
	OF 32 SHEETS	

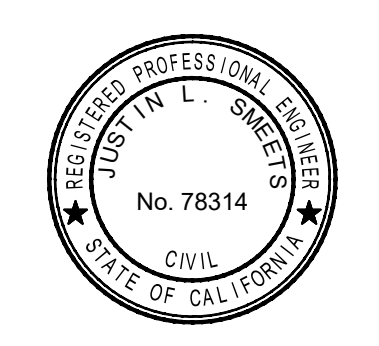
Underground Service Alert
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Call: TOLL FREE
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or **811**
TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).
STATION NORTHING EASTING
P589 2049439.15 6829370.46
P470 1991209.57 6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21 DATE

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE X/XX/2020
DESIGNED XXX DRAWN XXX
CHECKED JLS DATE X/XX/XXXX



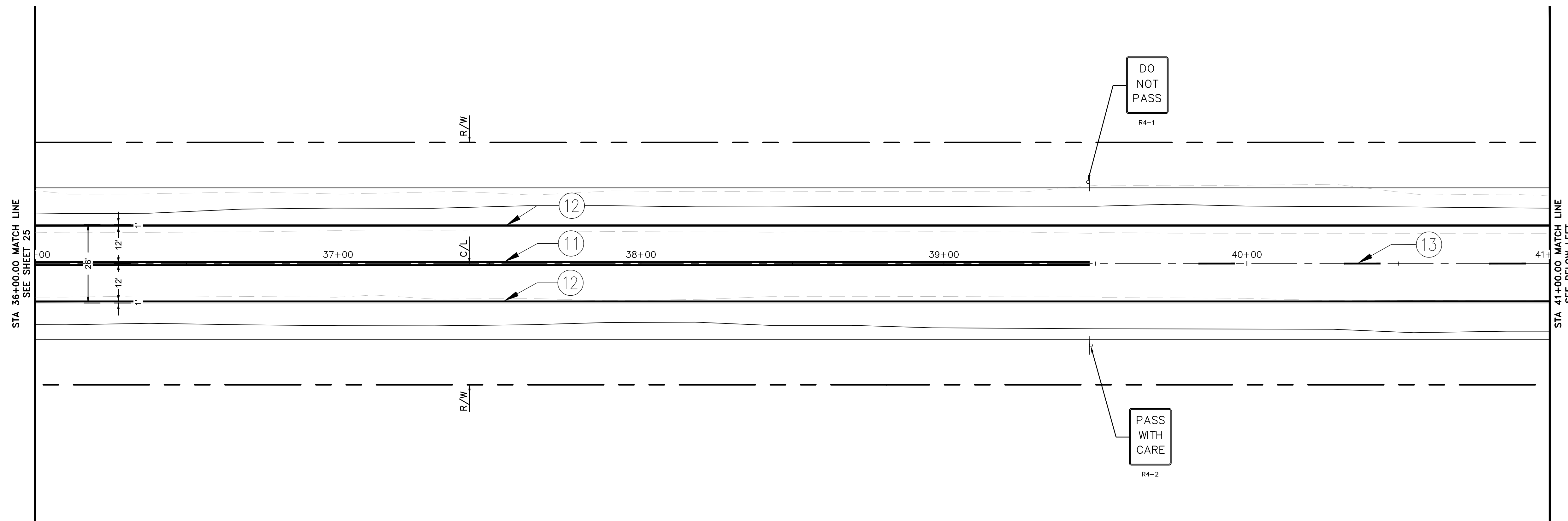
REVISIONS

DATE	DESCRIPTION

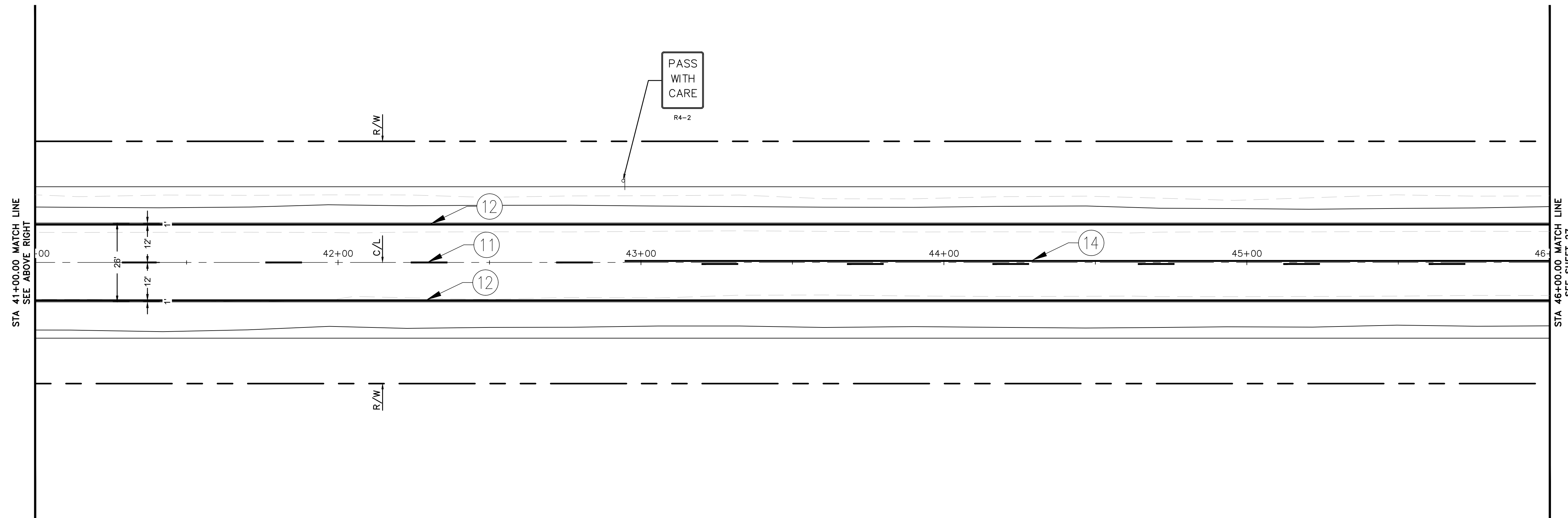
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STRIPING NOTES

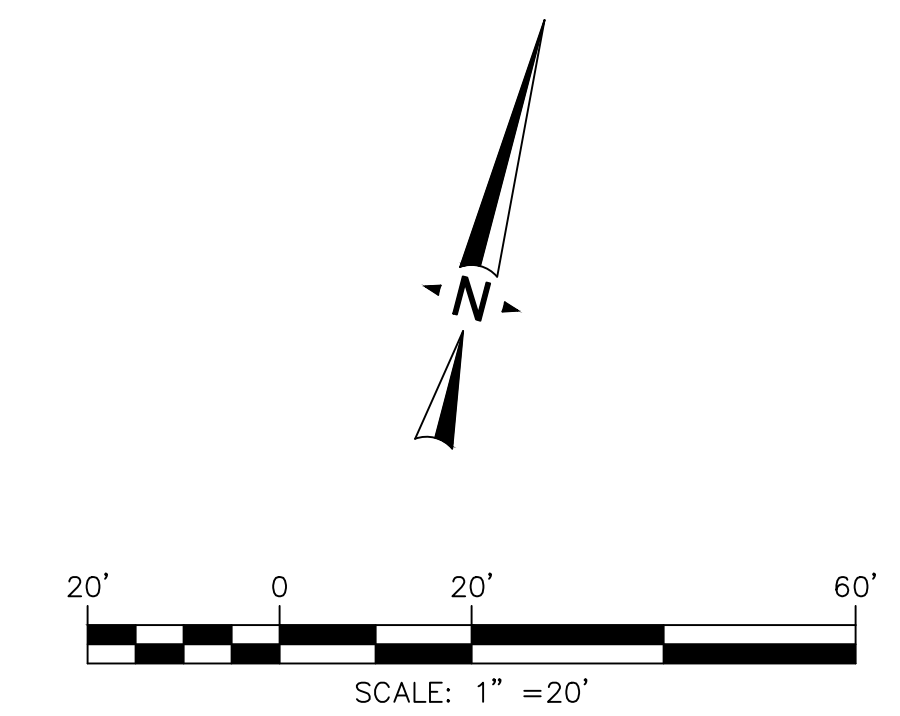
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.
- ③ INSTALL 6" YELLOW DASHED CENTER LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 5.
- ④ INSTALL 6" YELLOW ONE DIRECTION NO PASSING ZONE CENTER LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 18.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

**STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
SIGNING AND STRIPING PLAN
STA 36+00.00 TO STA 46+00.00**



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

REVIEWED:
JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX

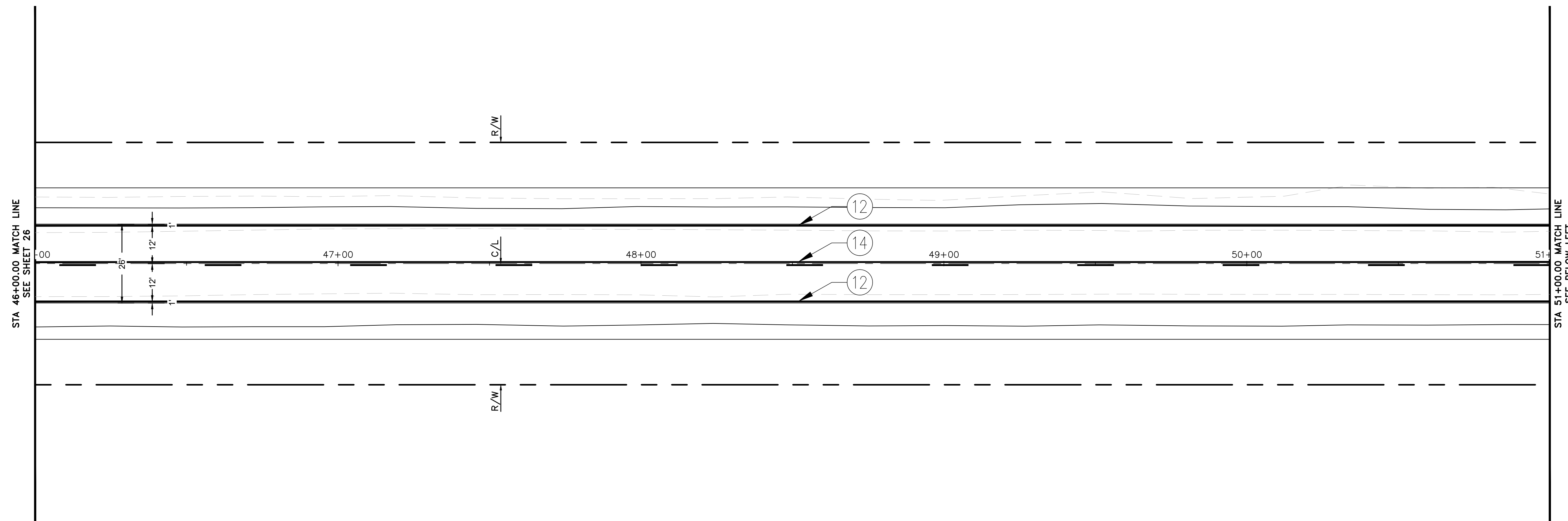


REVISIONS	
DATE	DESCRIPTION

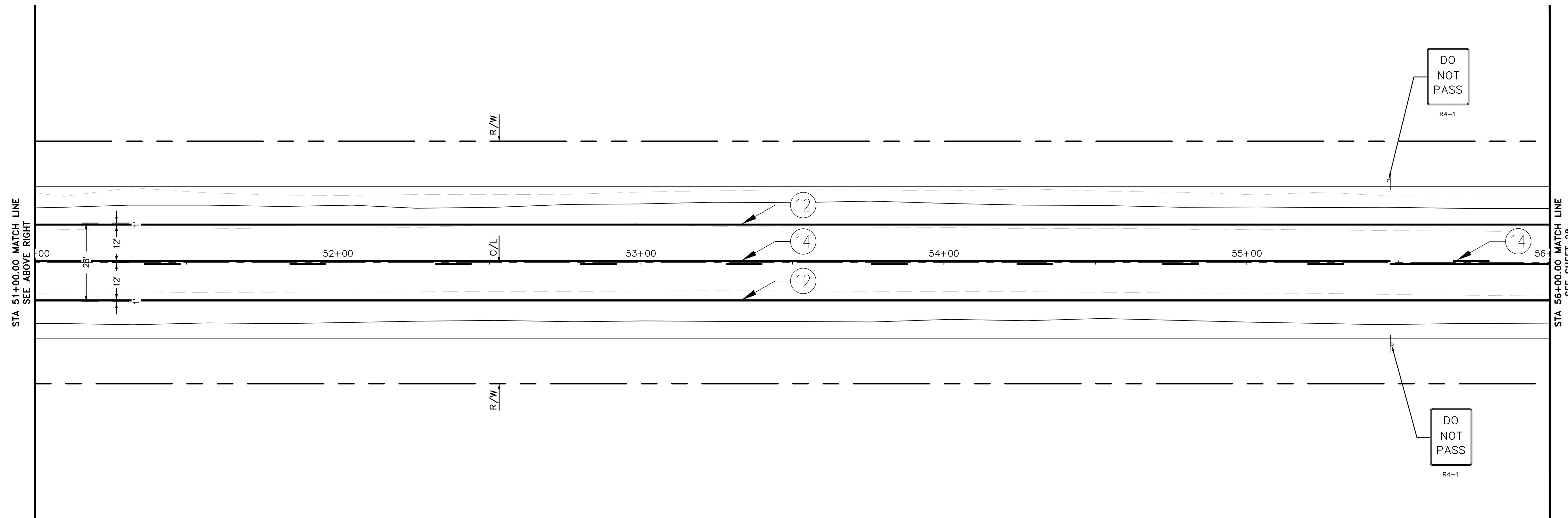
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 26	DRAWING NO.
	OF 32 SHEETS	

STRIPING NOTES

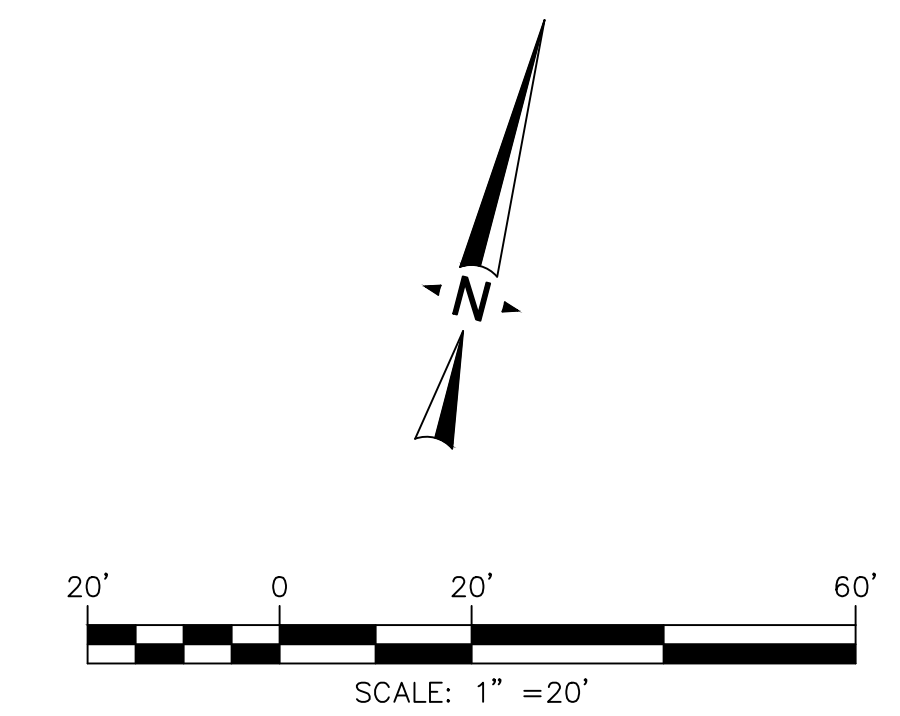
- ⑫ INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.
- ⑭ INSTALL 6" YELLOW ONE DIRECTION NO PASSING ZONE CENTER LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 18.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	2049439.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
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SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'

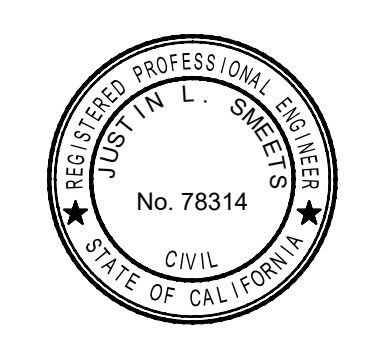


PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SWEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SWEETS
R.C.E. NO. 78314
DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

SIGNING AND STRIPING PLAN
STA 46+00.00 TO STA 56+00.00

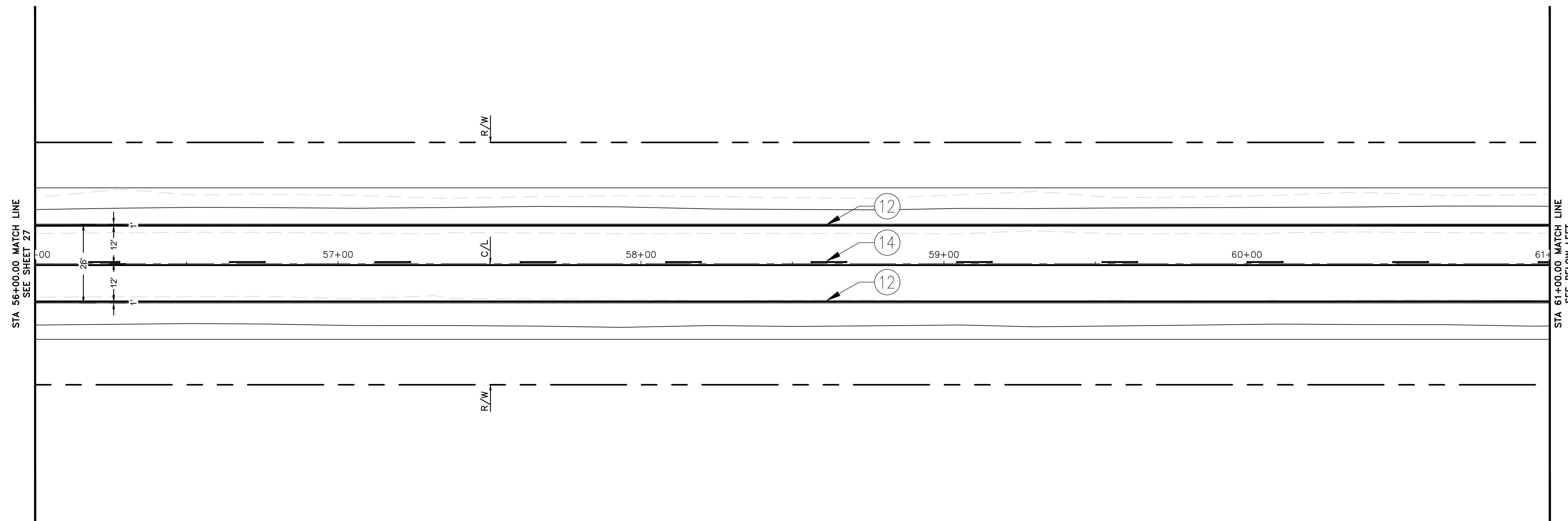
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 27	DRAWING NO.
OF 32 SHEETS		

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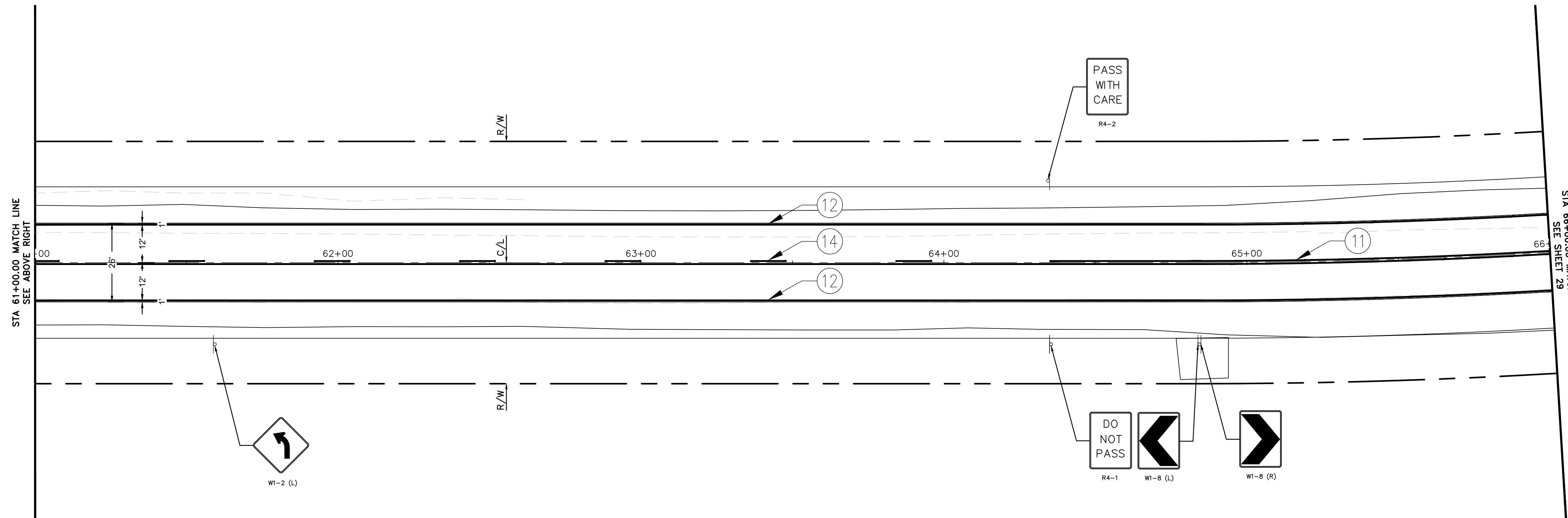
PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

STRIPING NOTES

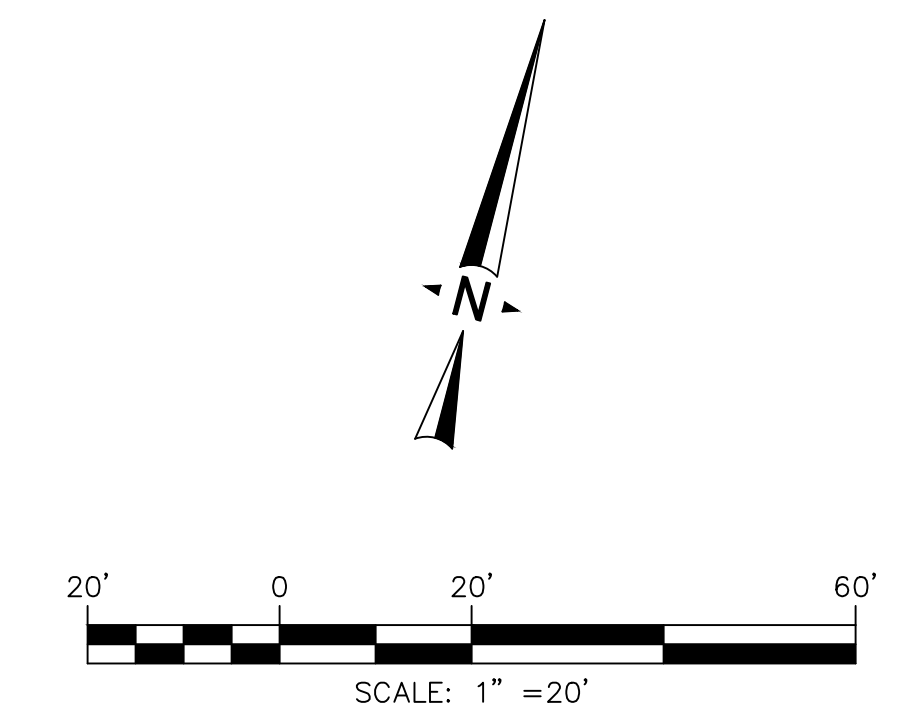
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.
- ③ INSTALL 6" YELLOW ONE DIRECTION NO PASSING ZONE CENTER LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 18.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



TOWN OF APPLE VALLEY CALIFORNIA ENGINEERING DEPARTMENT		
STODDARD WELLS ROAD WIDENING PROJECT FROM INTERSTATE 15 TO JOHNSON ROAD SIGNING AND STRIPING PLAN STA 56+00.00 TO STA 66+00.00		
DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 28	DRAWING NO.
	OF 32 SHEETS	

Underground Service Alert
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 or **811**
 TWO WORKING DAYS BEFORE YOU DIG

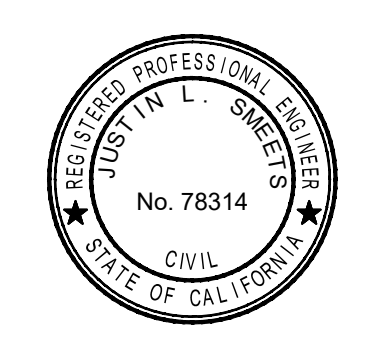
BENCHMARK:
 THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
 THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
 SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
 ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING
 300 S. HARBOR BLVD., SUITE 814
 ANAHEIM, CA 92805
 P: (714) 533-3050
 F: (714) 808-1270
 JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
 JUSTIN L. SMEETS
 R.C.E. NO. 78314
 DATE: X/XX/2020
DESIGNED: XXX **DRAWN:** XXX
CHECKED: JLS **DATE:** X/XX/XXXX

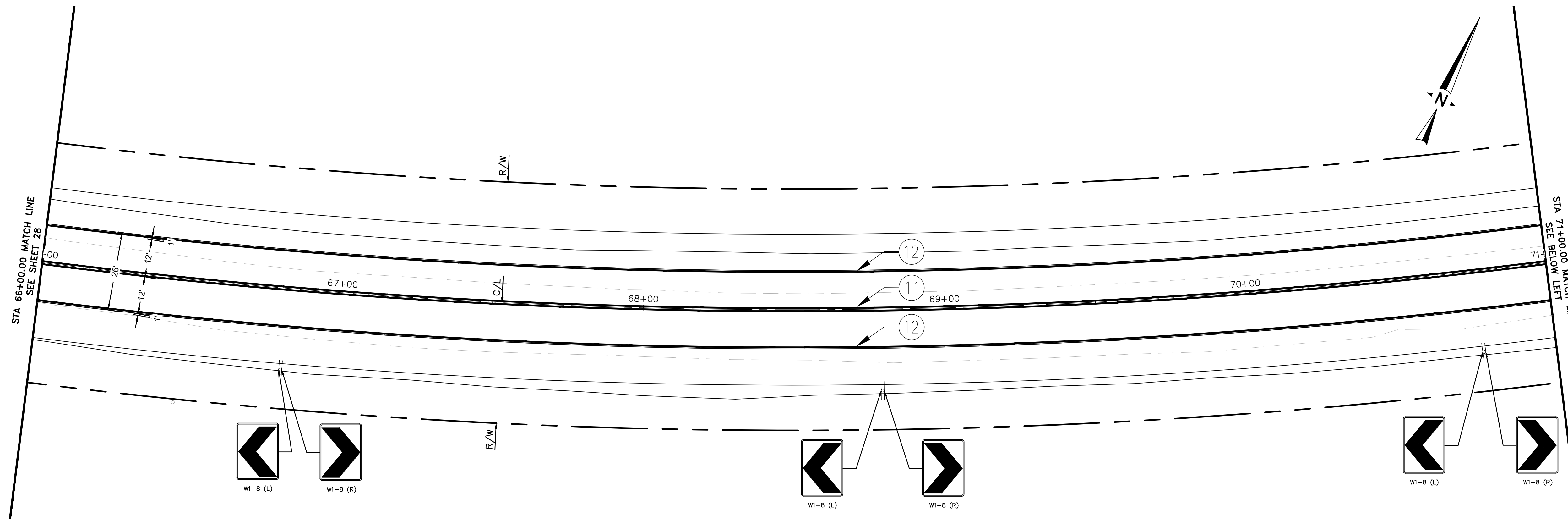


REVISIONS	
DATE	DESCRIPTION

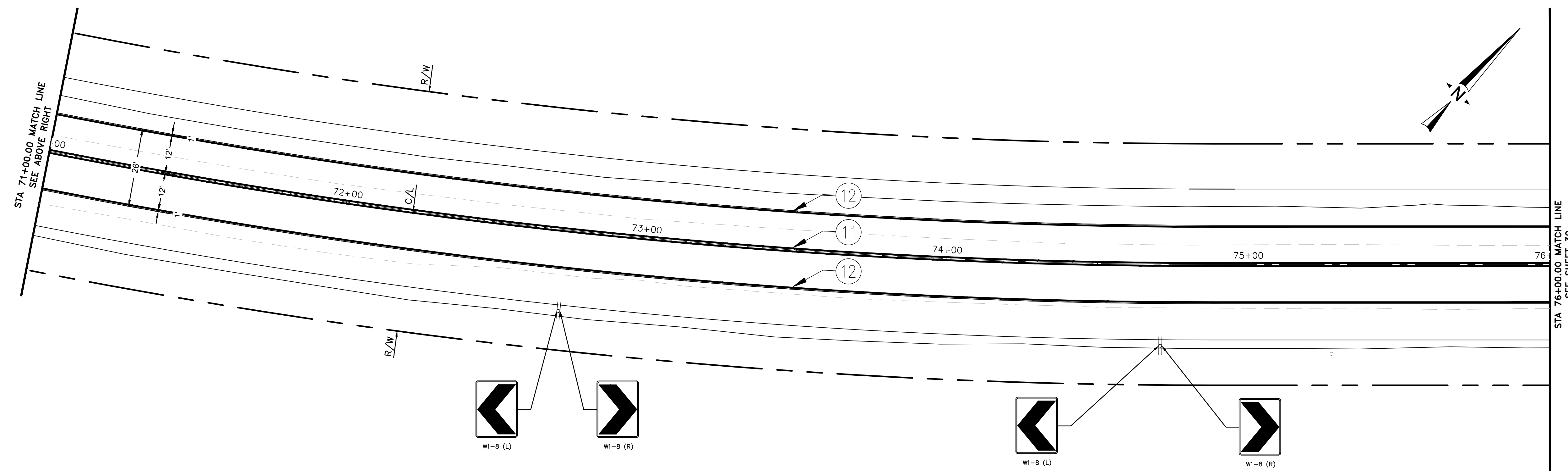
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STRIPING NOTES

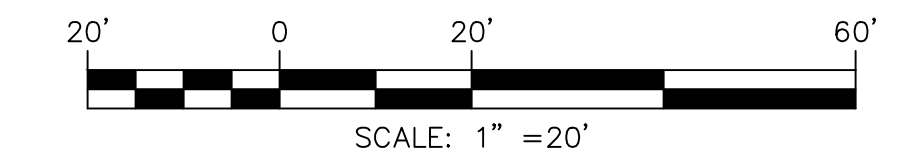
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

SIGNING AND STRIPING PLAN
STA 66+00.00 TO STA 76+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 29	DRAWING NO.
	OF 32 SHEETS	

Underground Service Alert
of Southern California

Call: TOLL FREE
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or **811**

TWO WORKING DAYS BEFORE YOU DIG

BENCHMARK:
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STATION	NORTHING	EASTING
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P470	1991209.57	6744367.96

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SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.

ELEVATION = 2987.21'

PLANS PREPARED BY:
ONWARD ENGINEERING

300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

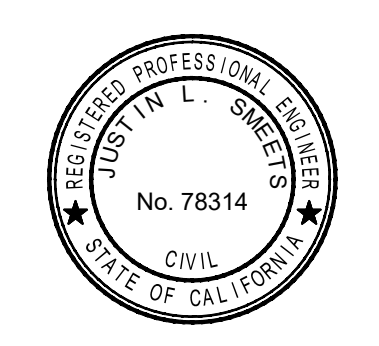
JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314

DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX

CHECKED: JLS DATE: X/XX/XXXX



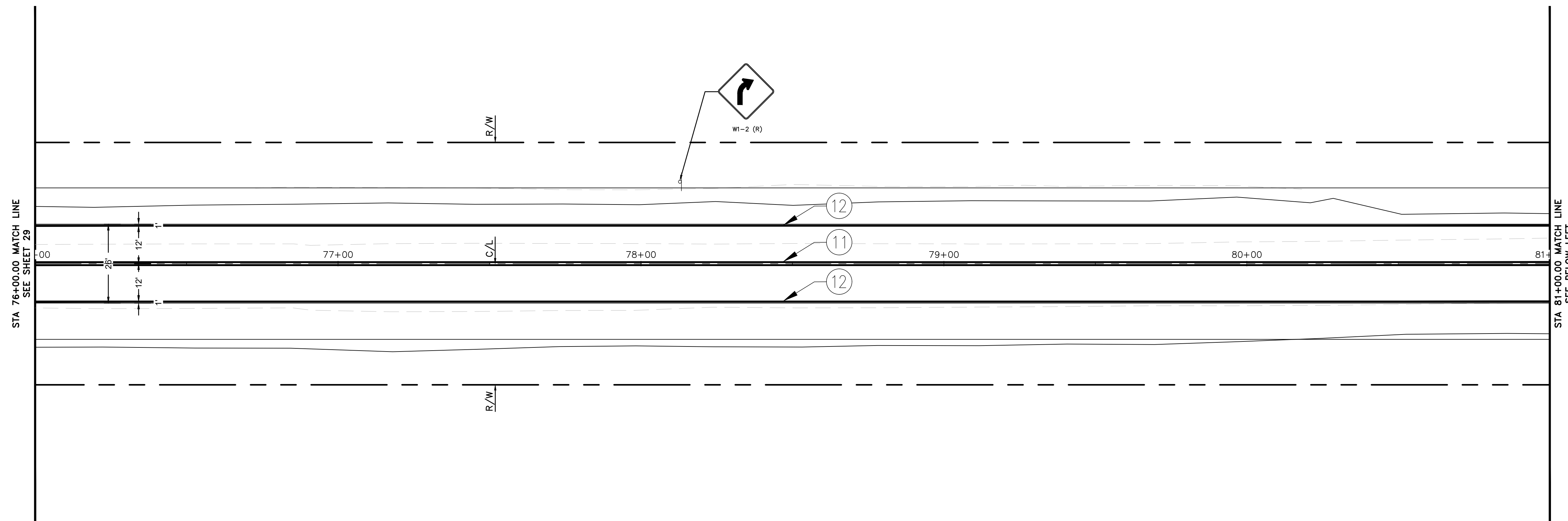
REVISIONS	
DATE	DESCRIPTION

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

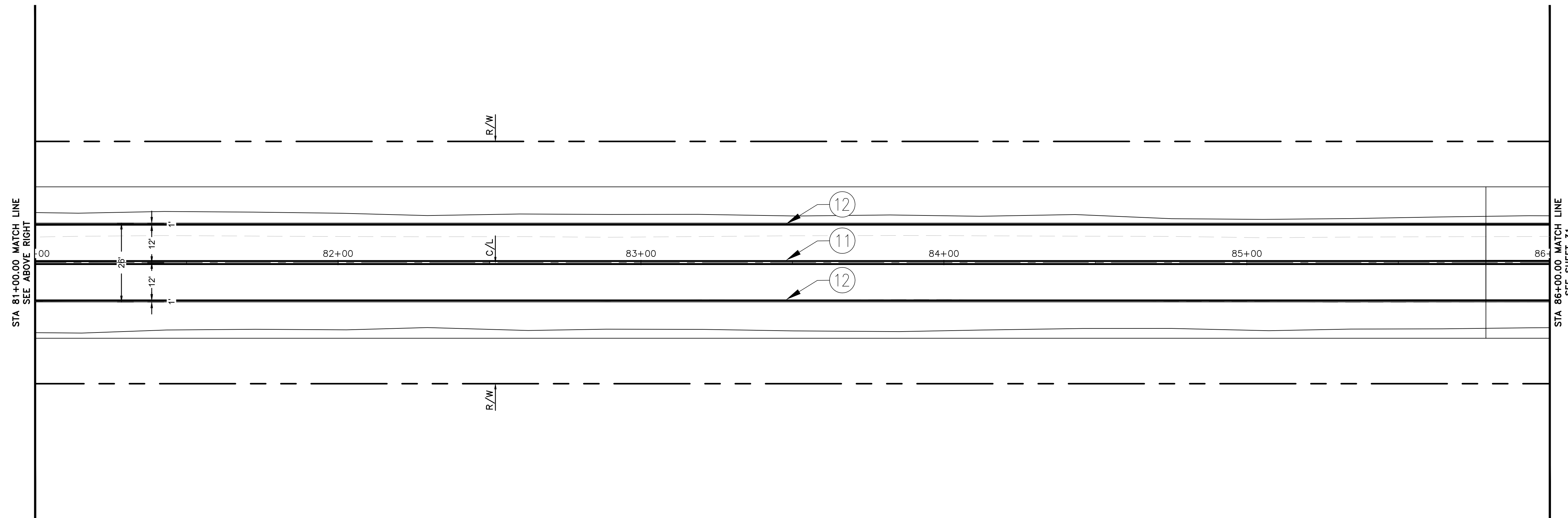
C:\Users\j.yama\Box\Apple Valley-Stoddard Well.s Road Widening Project\CAD\Plans\29 STRIPING PLAN.dwg 10/22/20 - 5:21pm r.yam

STRIPING NOTES

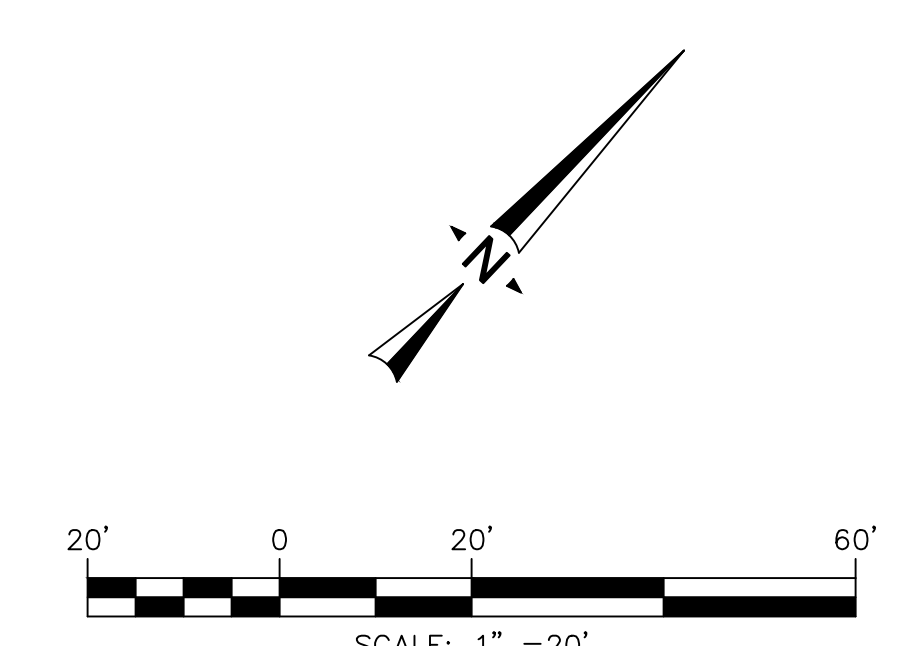
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

**STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
SIGNING AND STRIPING PLAN
STA 76+00.00 TO STA 86+00.00**



BENCHMARK:
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STATION **NORTHING** **EASTING**
P589 20494.39.15 6829370.46
P470 1991209.57 6744367.96

BASIS OF COORDINATES:
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ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
F: (714) 808-1270

JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21 DATE

REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020

DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



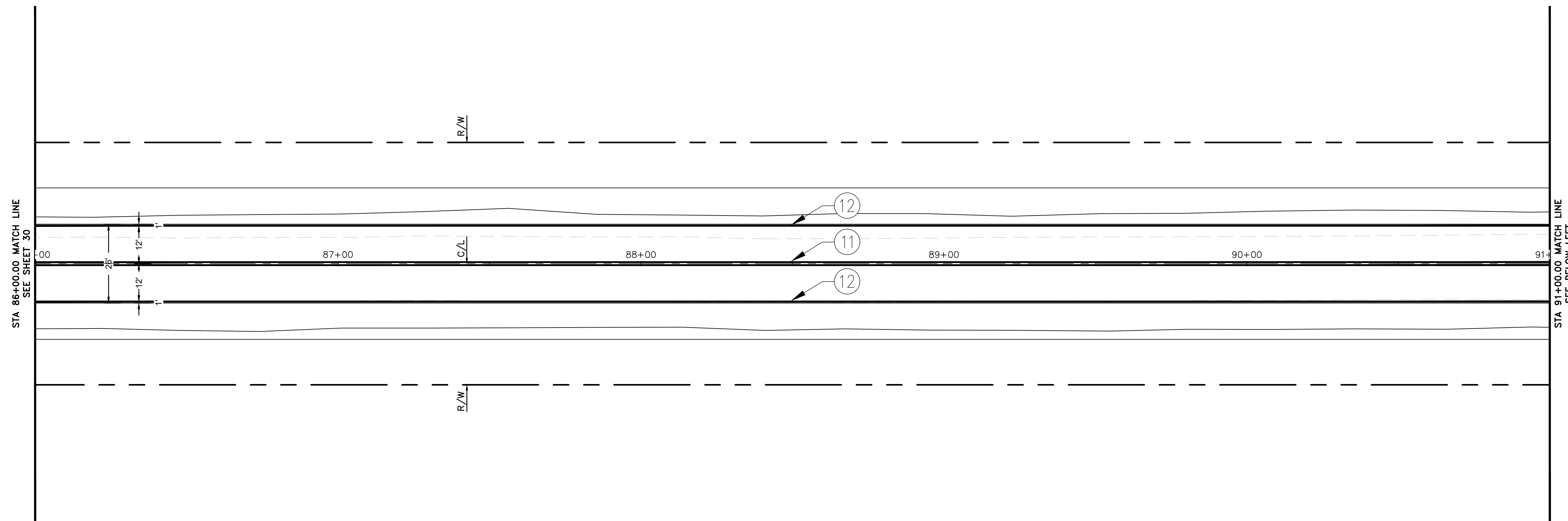
REVISIONS	
DATE	DESCRIPTION

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 30	DRAWING NO.
	OF 32 SHEETS	

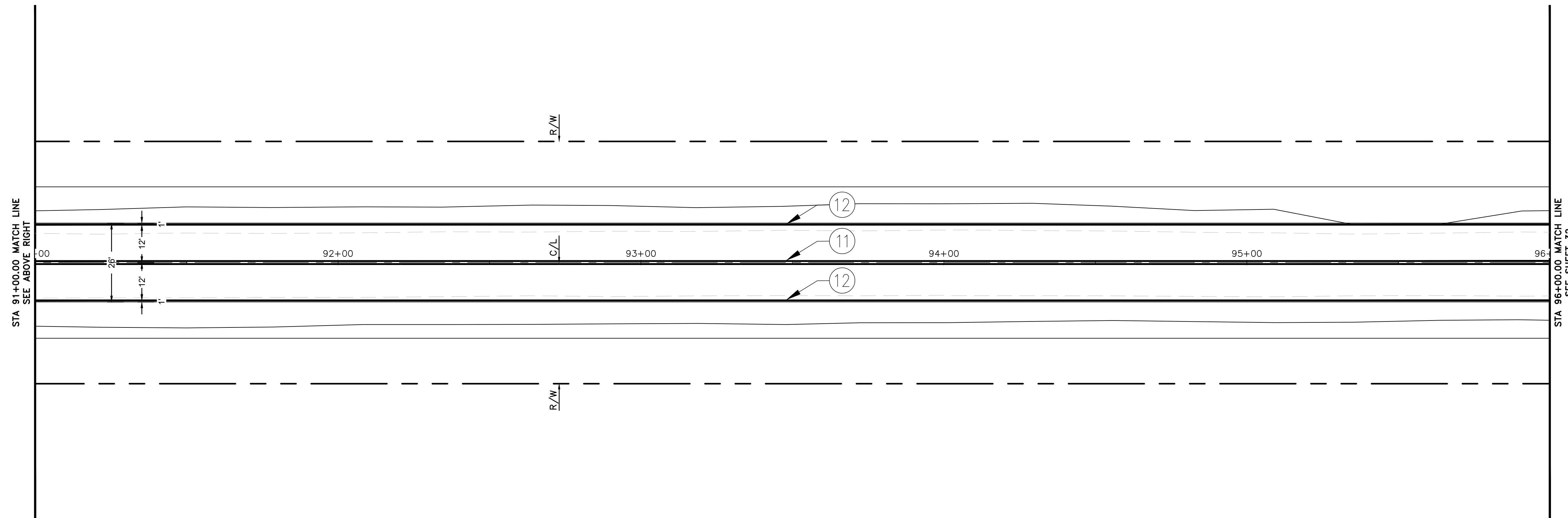
C:\Users\jlyama\Box\Apple Valley-Stoddard Well\15-Road Widening Project\CAD\Plans\30 STRIPING PLAN.dwg 10/22/20 - 5:22pm jlyama

STRIPING NOTES

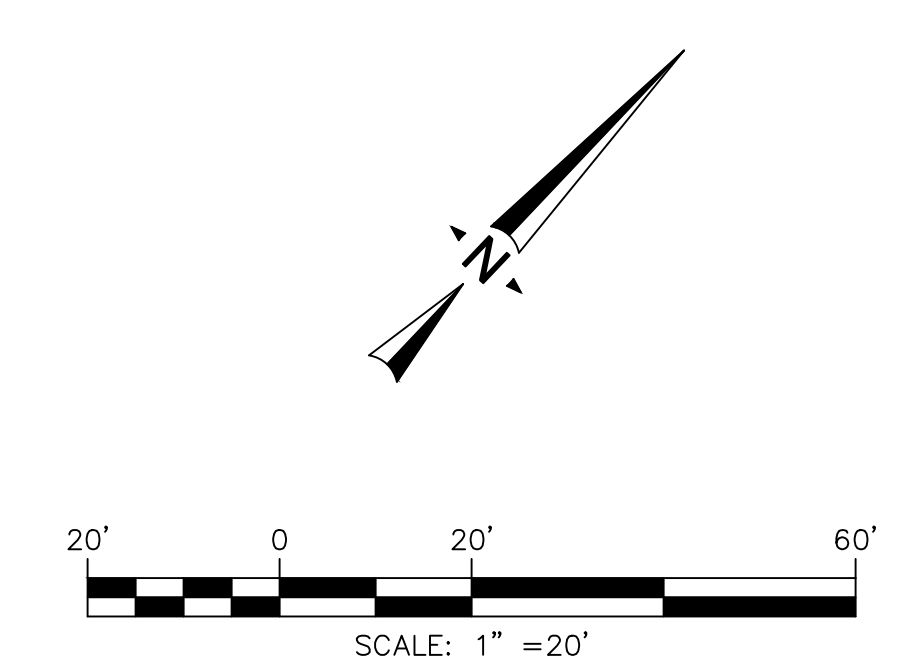
- ① INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ② INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.



STODDARD WELLS ROAD



STODDARD WELLS ROAD



PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

**TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT**

**STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD
SIGNING AND STRIPING PLAN
STA 86+00.00 TO STA 96+00.00**



BENCHMARK:
THE COORDINATES SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CCS83, ZONE 5, (2010.00 EPOCH).

STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

BASIS OF COORDINATES:
THE ELEVATIONS SHOWN HEREON ARE BASED ON COUNTY OF SAN BERNARDINO BENCHMARK AS FILED IN CSFB 4219, PAGE 252, DESCRIBED AS FOLLOWS:
SET RR SPIKE IN PP#2233958E @ THE NORTHEAST CORNER OF STODDARD WELLS ROAD AND JOHNSON ROAD.
ELEVATION = 2987.21'



PLANS PREPARED BY:
ONWARD ENGINEERING
300 S. HARBOR BLVD., SUITE 814
ANAHEIM, CA 92805
P: (714) 533-3050
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REVIEWED:
JUSTIN L. SMEETS
R.C.E. NO. 78314
DATE: X/XX/2020
DESIGNED: XXX DRAWN: XXX
CHECKED: JLS DATE: X/XX/XXXX



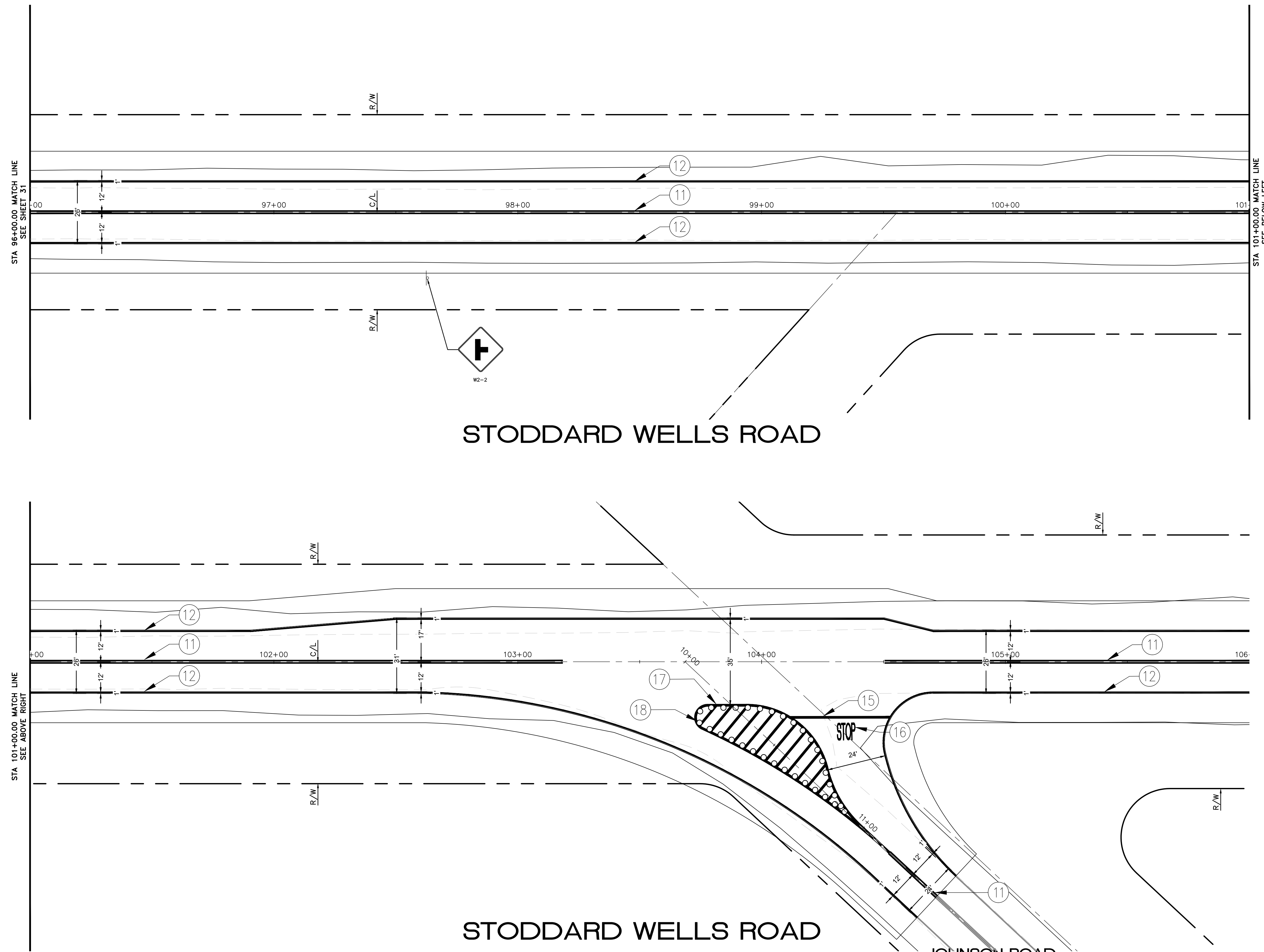
REVISIONS	
DATE	DESCRIPTION

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 31	DRAWING NO.
	OF 32 SHEETS	

PRELIMINARY 30% PLANS (NOT FOR CONSTRUCTION)

STRIPING NOTES

- ⑪ INSTALL 6" DOUBLE YELLOW CENTER LINES (THERMOPLASTIC) PER CALTRANS STD. PLAN A20A, DETAIL 21.
- ⑫ INSTALL 6" WHITE EDGE LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A20B, DETAIL 27B.
- ⑬ INSTALL 12" WHITE LIMIT LINE (THERMOPLASTIC) PER CALTRANS STD. PLAN A24E.
- ⑭ INSTALL WHITE MARKING "STOP" (THERMOPLASTIC) PER CALTRANS STD. PLAN A24D.
- ⑮ INSTALL 12" WHITE PERIMETER AND DIAGONAL MEDIAN LINES (THERMOPLASTIC).
- ⑯ INSTALL 3' HEIGHT, CLASS 1, TYPE E, DELINEATORS AT 5' INTERVALS PER CALTRANS MUTCD.



Underground Service Alert
of Southern California
Call: TOLL FREE
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BENCHMARK:
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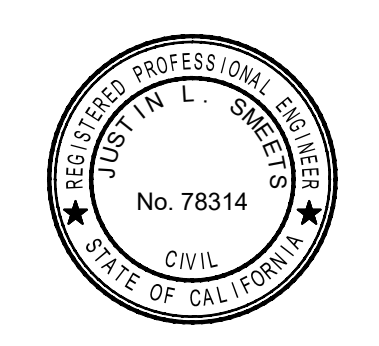
STATION	NORTHING	EASTING
P589	20494.39.15	6829370.46
P470	1991209.57	6744367.96

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JUSTIN L. SMEETS, PE, RCE 78314, EXP 09/30/21

REVIEWED:	JUSTIN L. SMEETS R.C.E. NO. 78314
DATE	X/XX/2020
DESIGNED	XXX
DRAWN	XXX
CHECKED	JLS
DATE	X/XX/XXXX



REVISIONS	
DATE	DESCRIPTION

TOWN OF APPLE VALLEY
CALIFORNIA
ENGINEERING DEPARTMENT

STODDARD WELLS ROAD WIDENING PROJECT
FROM INTERSTATE 15 TO JOHNSON ROAD

SIGNING AND STRIPING PLAN
STA 96+00.00 TO STA 106+00.00

DRAWN	CHECKED	SCALE
APPROVED BY		
PROJECT NO.	SHEET NO. 32	DRAWING NO.
	OF 32 SHEETS	

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