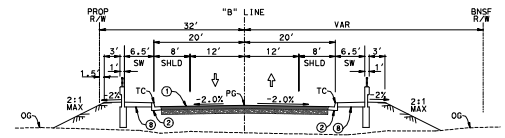
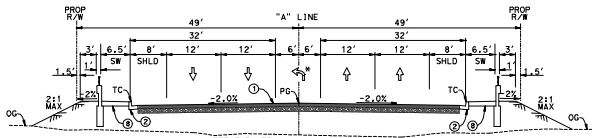


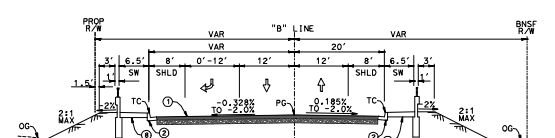
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STA 137+52.72 TO 138+03.57 LEFT NO SCALE



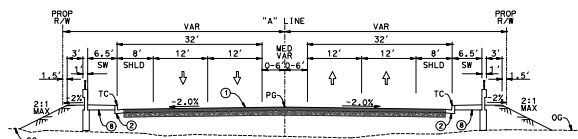
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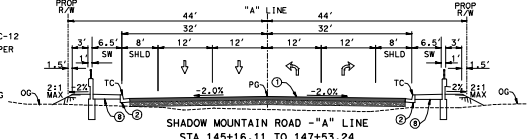
SHADOW MOUNTAIN ROAD - "A" LINE  
STA 133+54.00 TO 137+52.72 RIGHT NO SCALE



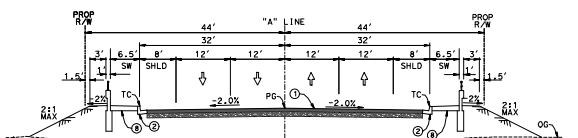
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STA 10+87.00 TO 13+39.72 NO SCALE



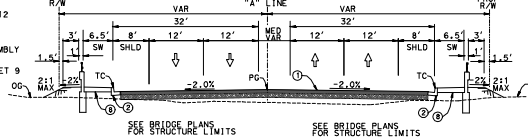
SHADOW MOUNTAIN ROAD - "A" LINE  
STA 130+29.00 TO 133+54.00 NO SCALE



SHADOW MOUNTAIN ROAD - "A" LINE  
STA 145+16.11 TO 147+53.24 NO SCALE



SHADOW MOUNTAIN ROAD - "A" LINE  
STA 126+83.00 TO 130+29.00 NO SCALE



SHADOW MOUNTAIN ROAD - "A" LINE  
STA 140+77.80 TO 145+16.11 LEFT NO SCALE  
STA 140+67.99 TO 145+16.11 RIGHT NO SCALE

#### CONSTRUCTION NOTES:

1. CONST XX' HMA OVER XX' AB (CLASS 2)
2. CONST 8" PCC CURB & GUTTER PER COUNTY STD NO. 115
3. CONST 8" PCC CURB ONLY TYPE A1 PER CALTRANS STD PLAN NO. A87A
4. CONST 4" PCC SIDEWALK PER COUNTY STD NO. 109 (WIDTH PER PLAN)
5. CONST DWY APPROACH PER COUNTY STD NO. 128
6. CONST CURB RAMP PER COUNTY STD NO. 110
7. CONST CROSS GUTTER PER COUNTY STD NO. 119
8. CONST CONC BARRIER (TYPE 26 MOD) PER DET 6, SHT C-12
9. CONST CONC BARRIER (TYPE 26 MOD) END TRANSITION PER DET 6, SHT C-12
10. CONST 8" HMA DIKE PER COUNTY STD NO. 117
11. CONST XX' AB ONLY (CLASS 2)
12. CONST METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE M6) PER CALTRANS STD PLAN NO. A77J4
13. CONST FLARED END METAL BEAM GUARD RAILING TERMINAL SYSTEM PER DETAIL ON SHT C-13
14. CONST DWY APPROACH PER COUNTY STD NO. 128A
15. CONST ROCK SLOPE PROTECTION PER DET 7, SHT C-12
16. SAWCUT EXISTING PAVEMENT
17. XX' MIN COLD PLANE EXIST PAVEMENT AND OVERLAY WITH XX' MIN HMA FOR SMOOTH TRANSITION
18. CONST TRANSITION CURB PER DET 3 & 5, SHT C-10 & C-11
19. CONST XX' HMA OVER XX' AB (CLASS 2)
20. CONST TRANSITION CURB & GUTTER PER DET 8, SHT C-12
21. CONST METAL BEAM GUARD RAILING PER CALTRANS STD PLAN NO. A77A
22. INSTALL METAL BEAM GUARD RAILING END ANCHOR ASSEMBLY (TYPE 5F1) PER CALTRANS STD PLAN NO. A77H1
23. CONST CONC BARRIER WITH CHAIN LINK RAILING PER DET 9 SHT C-12

ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN



FIELD CHANGES

PLANS PREPARED BY  
**AECOM**  
999 N. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

COUNTY OF SAN BERNARDINO  
DEPARTMENT OF PUBLIC WORKS

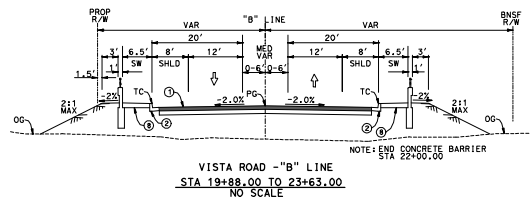
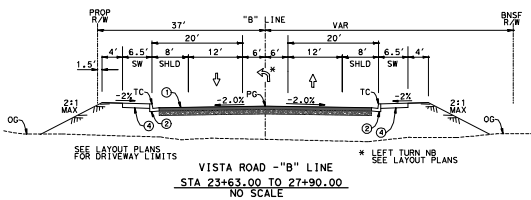
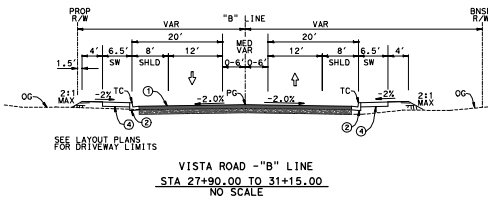
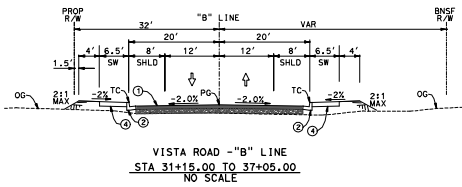
RECOMMENDED / APPROVED BY  
XXXX XXXX P.E. DEPUTY DIRECTOR  
DATE  
XXXX XXXX P.E. DIRECTOR OF PUBLIC WORKS  
DATE

SHADOW MOUNTAIN ROAD  
TYPICAL SECTIONS

| J.L. REF. | N.D. NO.  | DRAWING NO. | SHEET NO. | TOTAL SHEETS |
|-----------|-----------|-------------|-----------|--------------|
| JL XXXX   | XX XXXXXX | X-02        | 6         | X            |

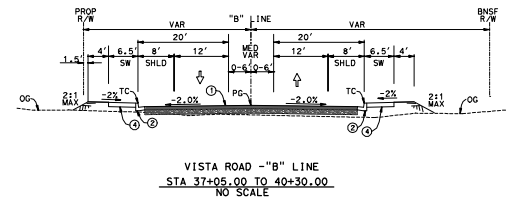
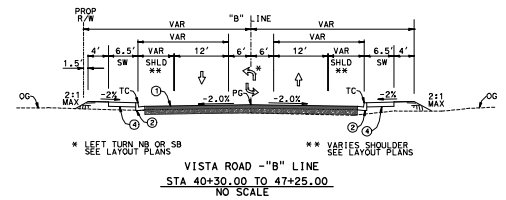
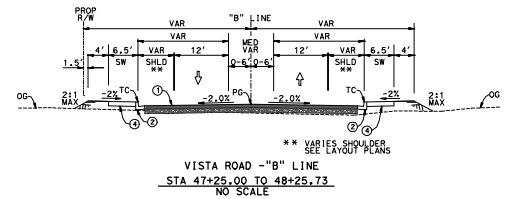
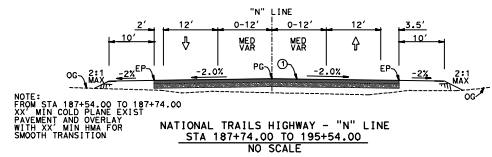
6/20/2012

60X DRAFT SUBMITTAL - NOT FOR CONSTRUCTION



#### CONSTRUCTION NOTES:

- ① CONST XX' HMA OVER XX' AB (CLASS 2)
- ② CONST 8" PCC CURB & GUTTER PER COUNTY STD NO. 115
- ③ CONST 8" PCC CURB ONLY TYPE A1 PER CALTRANS STD PLAN NO. AB7A
- ④ CONST 4" PCC SIDEWALK PER COUNTY STD NO. 109 (WIDTH PER PLAN)
- ⑤ CONST DRY APPROACH PER COUNTY STD NO. 128
- ⑥ CONST CURB RAMP PER COUNTY STD NO. 110
- ⑦ CONST CROSS GUTTER PER COUNTY STD NO. 119
- ⑧ CONST CONC BARRIER (TYPE 26 MOD) PER DET 6, SHT C-12
- ⑨ CONST CONC BARRIER (TYPE 26 MOD) END TRANSITION PER DET 6, SHT C-12
- ⑩ CONST 8" HMA DIKE PER COUNTY STD NO. 117
- ⑪ CONST XX' AB ONLY (CLASS 2)
- ⑫ CONST METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE WB) PER CALTRANS STD PLAN NO. AT7JA
- ⑬ CONST FLARED END METAL BEAM GUARD RAILING TERMINAL SYSTEM PER DETAIL ON SHT C-13
- ⑭ CONST DRY APPROACH PER COUNTY STD NO. 128A
- ⑮ CONST ROCK SLOPE PROTECTION PER DET 7, SHT C-12
- ⑯ SAWCUT EXISTING PAVEMENT
- ⑰ XX' MIN COLD PLANE EXIST PAVEMENT AND OVERLAY WITH XX' MIN HMA FOR SMOOTH TRANSITION
- ⑱ CONST TRANSITION CURB PER DET 3 & 5, SHT C-10 & C-11
- ⑲ CONST XX' HMA OVER XX' AB (CLASS 2)
- ⑳ CONST TRANSITION CURB & GUTTER PER DET 8, SHT C-12
- ㉑ CONST METAL BEAM GUARD RAILING PER CALTRANS STD PLAN NO. A71
- ㉒ INSTALL METAL BEAM GUARD RAILING END ANCHOR ASSEMBLY (TYPE SFT) PER CALTRANS STD PLAN NO. A77H1
- ㉓ CONST CONC BARRIER WITH CHAIN LINK RAILING PER DET 9 SHT C-12



ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN

| DATE | REVISIONS |
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|      |           |
|      |           |
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| DATE | REVISIONS |
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| DATE |  |
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|      |  |

FIELD CHANGES

PLANS PREPARED BY  
**AECOM**  
999 N. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

JAMES FARR, R.C.E., 45468 EXPIRES 12-31-12

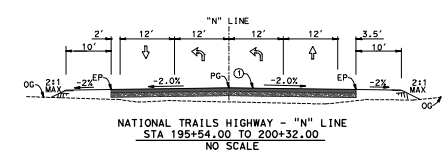
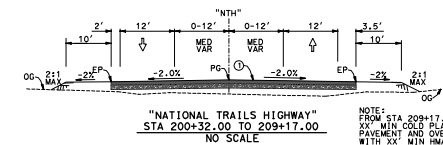
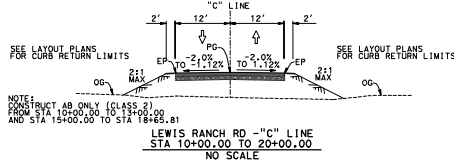
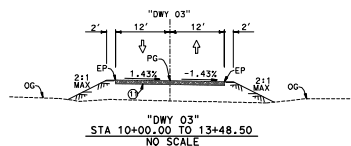
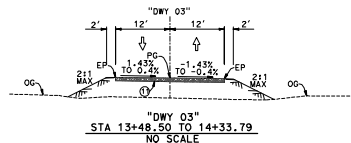
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| COUNTY OF SAN BERNARDINO<br>DEPARTMENT OF PUBLIC WORKS |      |
| RECOMMENDED / APPROVED BY                              |      |
| XXXX XXXX P.E. DEPUTY DIRECTOR                         | DATE |
| XXXX XXXX P.E. DIRECTOR OF PUBLIC WORKS                | DATE |

SHADOW MOUNTAIN ROAD  
TYPICAL SECTIONS

|           |            |          |            |             |      |           |   |              |   |
|-----------|------------|----------|------------|-------------|------|-----------|---|--------------|---|
| J.L. REF. | J.L. XXXXX | N.D. NO. | XX XXXXXXX | DRAWING NO. | X-03 | SHEET NO. | 7 | TOTAL SHEETS | X |
|-----------|------------|----------|------------|-------------|------|-----------|---|--------------|---|

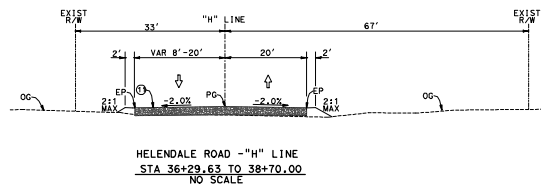
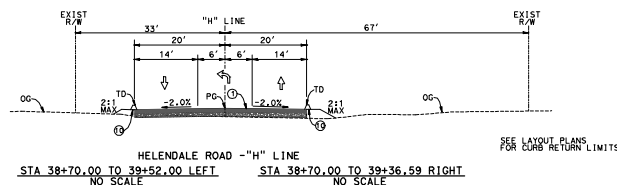
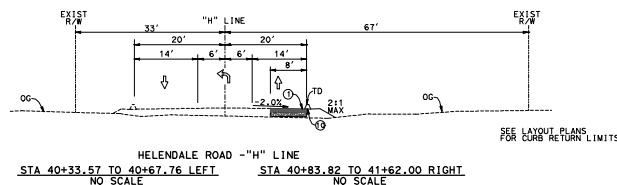
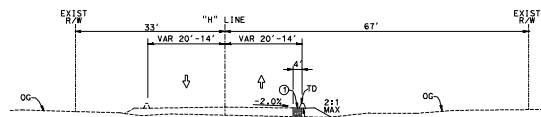
6/20/2012

60X DRAFT SUBMITTAL - NOT FOR CONSTRUCTION



CONSTRUCTION NOTES:

29. CONST 'X' HMA OVER 'X' AB (CLASS 2)
30. CONST "B" PCC CURB & GUTTER PER COUNTY STD NO. 115
31. CONST "B" PCC CURB ONLY TYPE 1 PER CALTRANS STD PLAN NO. A77A
32. CONST "C" PCC SIDEWALK PER COUNTY STD NO. 109 (WIDTH PER PLAN)
33. CONST DRY APPROACH PER COUNTY STD NO. 128
34. CONST CURB RAMP PER COUNTY STD NO. 110
35. CONST CROSS CURB CUT PER COUNTY STD NO. 119
36. CONST CONC BARRIER (TYPE 26 MOD) PER DET 8, SHT C-12
37. CONST CONC BARRIER (TYPE 26 MOD) END TRANSITION PER 6, SHT C-12
38. CONST "B" HMA DIKE PER COUNTY STD NO. 117
39. CONST "XX" AB ONLY (CLASS 2)
40. CONST METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE 1) PER CALTRANS STD PLAN NO. A77A
41. CONST FLARED END METAL BEAM GUARD RAILING TERMINAL SYSTEM PER DETAIL ON SHT C-13
42. CONST DRY APPROACH PER COUNTY STD NO. 128A
43. CONST ROCK SLOPE PROTECTION PER DET 7, SHT C-12
44. SAWCUT EXISTING PAVEMENT
45. "X" MIN. COLD PLANE EXIST PAVEMENT AND OVERLAY
46. "XX" MIN HMA FOR SMOOTH TRANSITION
47. CONST "X" HMA OVER "X" AB (CLASS 2)
48. CONST TRANSITION CURB & GUTTER PER DET 8, SHT C-12
49. CONST METAL BEAM GUARD RAILING PER CALTRANS STD PLAN NO. A77AT
50. CONST METAL BEAM GUARD RAILING END ANCHOR ASSEMBLY (TYPE 3) PER CALTRANS STD PLAN NO. A77HI
51. CONST CONC BARRIER WITH CHAIN LINK RAILING PER DET 9



ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN

SHADOW MOUNTAIN ROAD  
TYPICAL SECTIONS

|           |            |             |           |              |
|-----------|------------|-------------|-----------|--------------|
| J.L. REF. | W.O. NO.   | DRAWING NO. | SHEET NO. | TOTAL SHEETS |
| 11 XXXX   | XX XXXXXXX | Y-04        | 8         | Y            |

Don't Dig...Until You Call U.S.A. Toll Free  
DIAL: 811  
for the location  
of buried  
utility lines.  
Don't disrupt  
vital services.



TWO WORKING DAYS BEFORE YOU

|      |            |                   |
|------|------------|-------------------|
| MARK | CHANGES    | RESIDENT ENGINEER |
|      | NO CHANGES |                   |

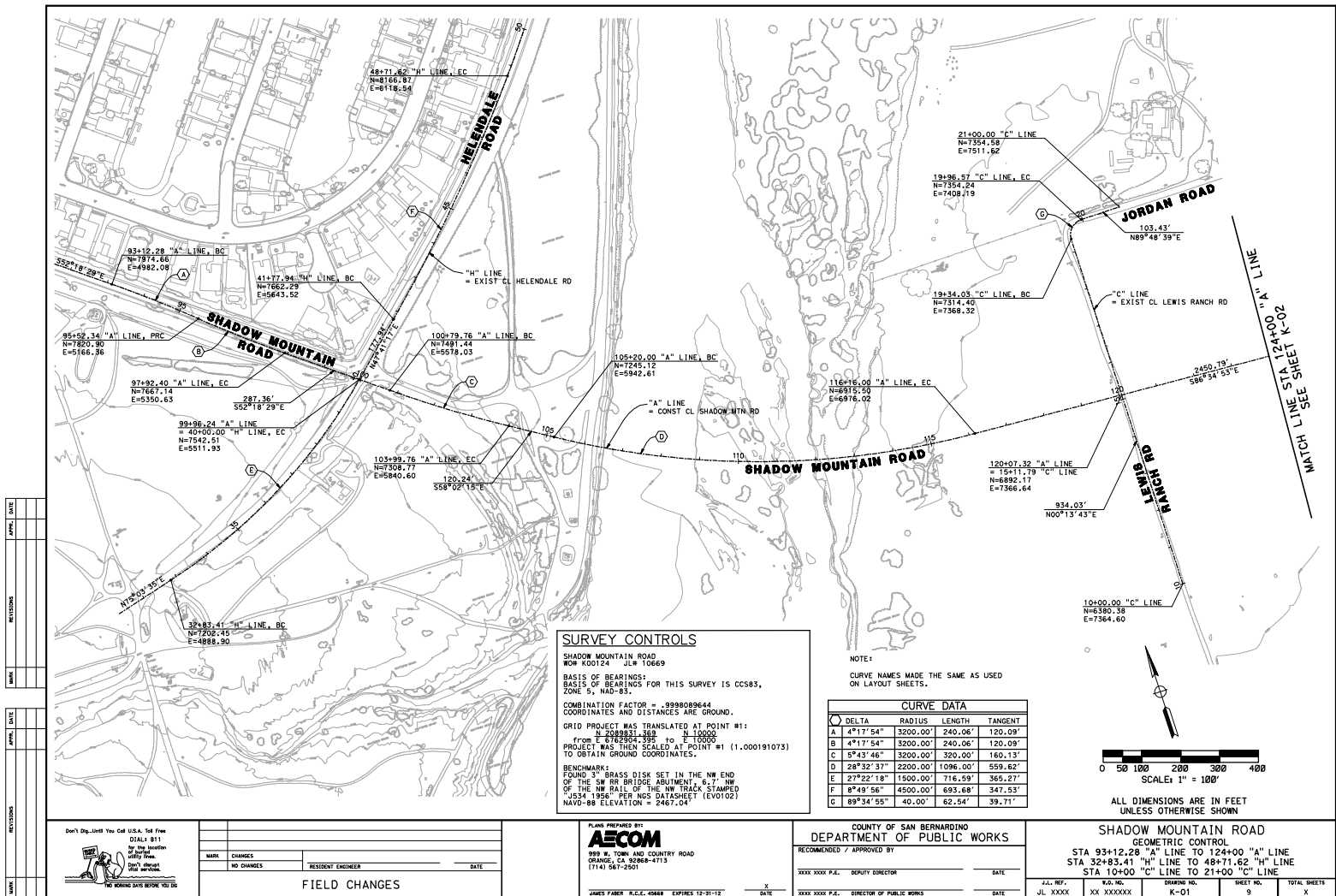
FIELD CHANGES

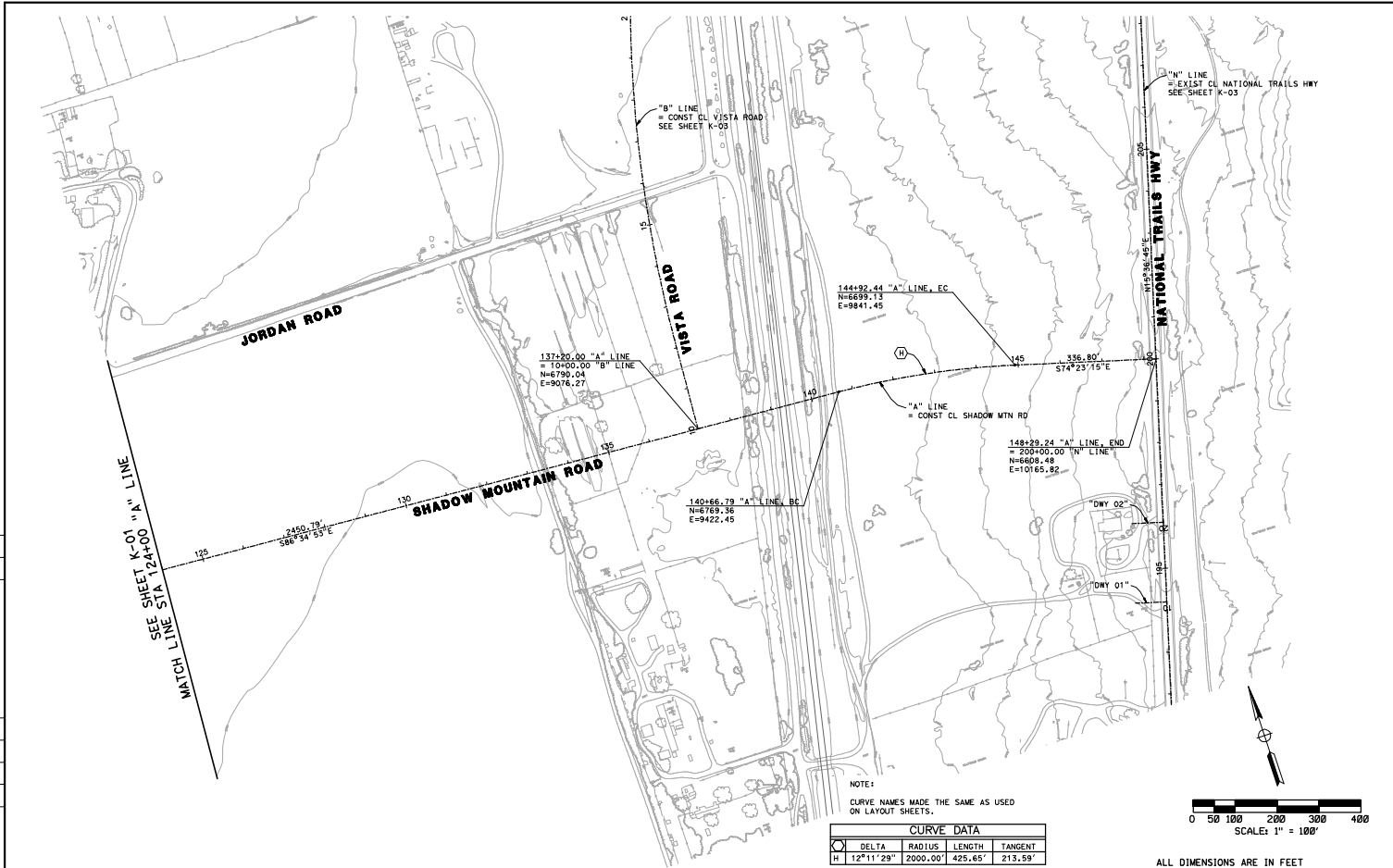
PLANS PREPARED BY  
**AECOM**  
999 W. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

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COUNTY OF SAN BERNARDINO  
DEPARTMENT OF PUBLIC WORKS

RECOMMENDED / APPROVED BY





| MARK | PROVISIONS | APPL. | DATE |
|------|------------|-------|------|
|      |            |       |      |
|      |            |       |      |
|      |            |       |      |

| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
|      |           |       |      |
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Don't Dig...Until You Call U.S.A. Toll Free  
DIAL: 811  
for the location  
of buried  
utility lines.  
Don't disrupt  
vital services.



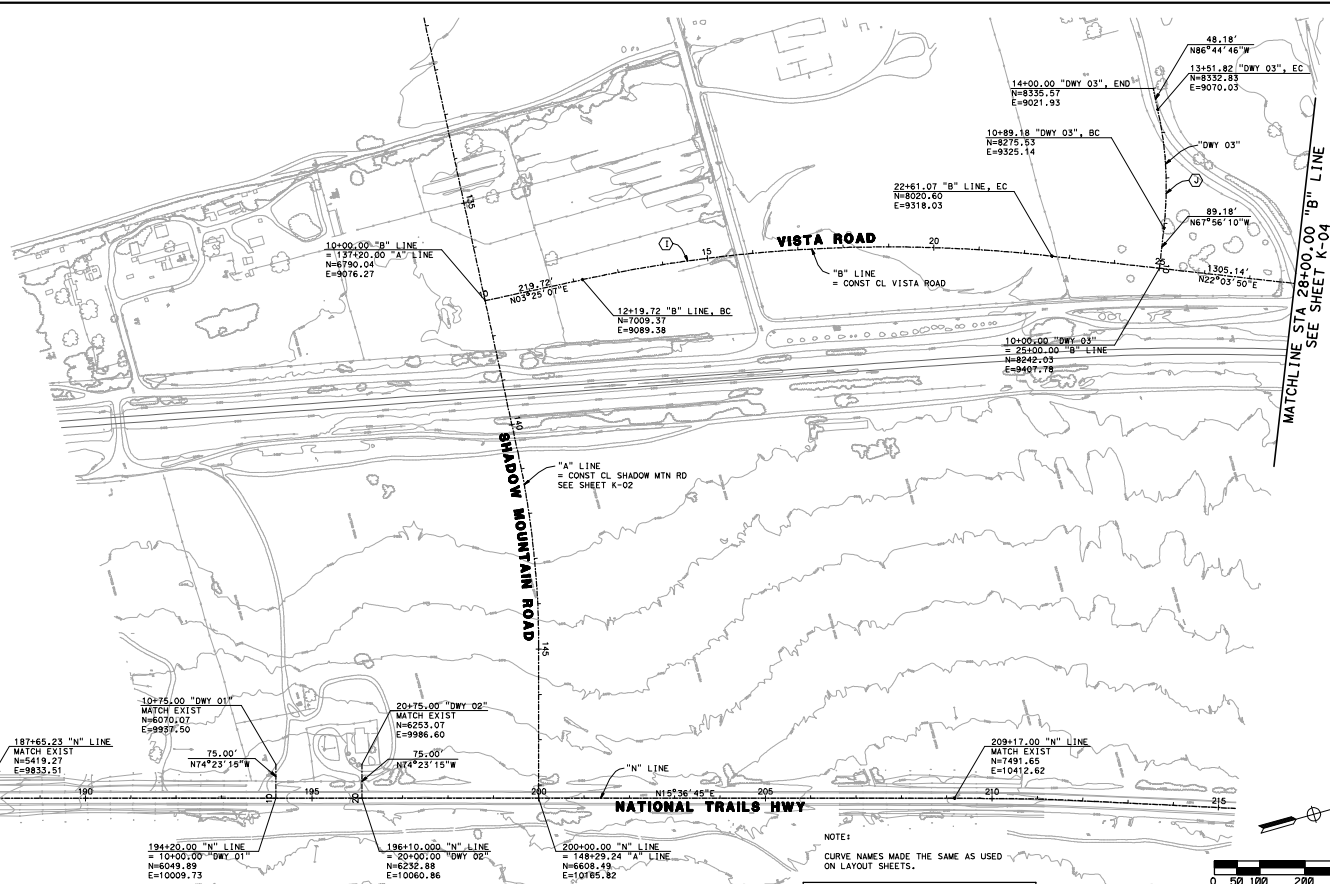
TWO WORKING DAYS BEFORE YOU DIG

|               |            |                   |      |
|---------------|------------|-------------------|------|
|               |            |                   |      |
|               |            |                   |      |
|               |            |                   |      |
| MARK          | CHANGES    |                   |      |
|               | NO CHANGES | RESIDENT ENGINEER | DATE |
| FIELD CHANGES |            |                   |      |

PLANS PREPARED BY  
**AECOM**  
999 W. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

|                                                               |            |
|---------------------------------------------------------------|------------|
| COUNTY OF SAN BERNARDINO<br><b>DEPARTMENT OF PUBLIC WORKS</b> |            |
| RECOMMENDED / APPROVED BY _____                               |            |
| XXXX XXXX P.E. DEPUTY DIRECTOR                                | DATE _____ |

|                                           |          |             |           |              |
|-------------------------------------------|----------|-------------|-----------|--------------|
| SHADOW MOUNTAIN ROAD                      |          |             |           |              |
| GEOMETRIC CONTROL                         |          |             |           |              |
| STA 124+00 "A" LINE TO 148+29.24 "A" LINE |          |             |           |              |
| J.L. REF.                                 | N.O. NO. | DRAWING NO. | SHEET NO. | TOTAL SHEETS |



| CURVE DATA                                                                          |           |          |          |         |
|-------------------------------------------------------------------------------------|-----------|----------|----------|---------|
|  | DELTA     | RADIUS   | LENGTH   | TANGENT |
| I                                                                                   | 18°38'43" | 3200.00' | 1041.35' | 525.32' |
| J                                                                                   | 18°48'37" | 800.00'  | 262.64'  | 132.51' |

ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN

Don't Dig...Until You Call U.S.A. Toll Free  
DIAL: 811  
for the location  
of buried  
utility lines.  
Don't disrupt  
vital services.



TWO WORKING DAYS BEFORE YOU

|               |            |                                    |
|---------------|------------|------------------------------------|
|               |            |                                    |
|               |            |                                    |
|               |            |                                    |
| MARK          | CHANGES    |                                    |
|               | NO CHANGES | RESIDENT ENGINEER _____ DATE _____ |
| FIELD CHANGES |            |                                    |

FIELD CHANGES

PLANS PREPARED BY  
**AECOM**  
999 W. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

COUNTY OF SAN BERNARDINO  
DEPARTMENT OF PUBLIC WORKS

RECOMMENDED / APPROVED BY

XXXX XXXX P.E. DEPUTY DIRECTOR \_\_\_\_\_ DATE \_\_\_\_\_

XXXX XXXX P.E. DIRECTOR OF PUBLIC WORKS DATE

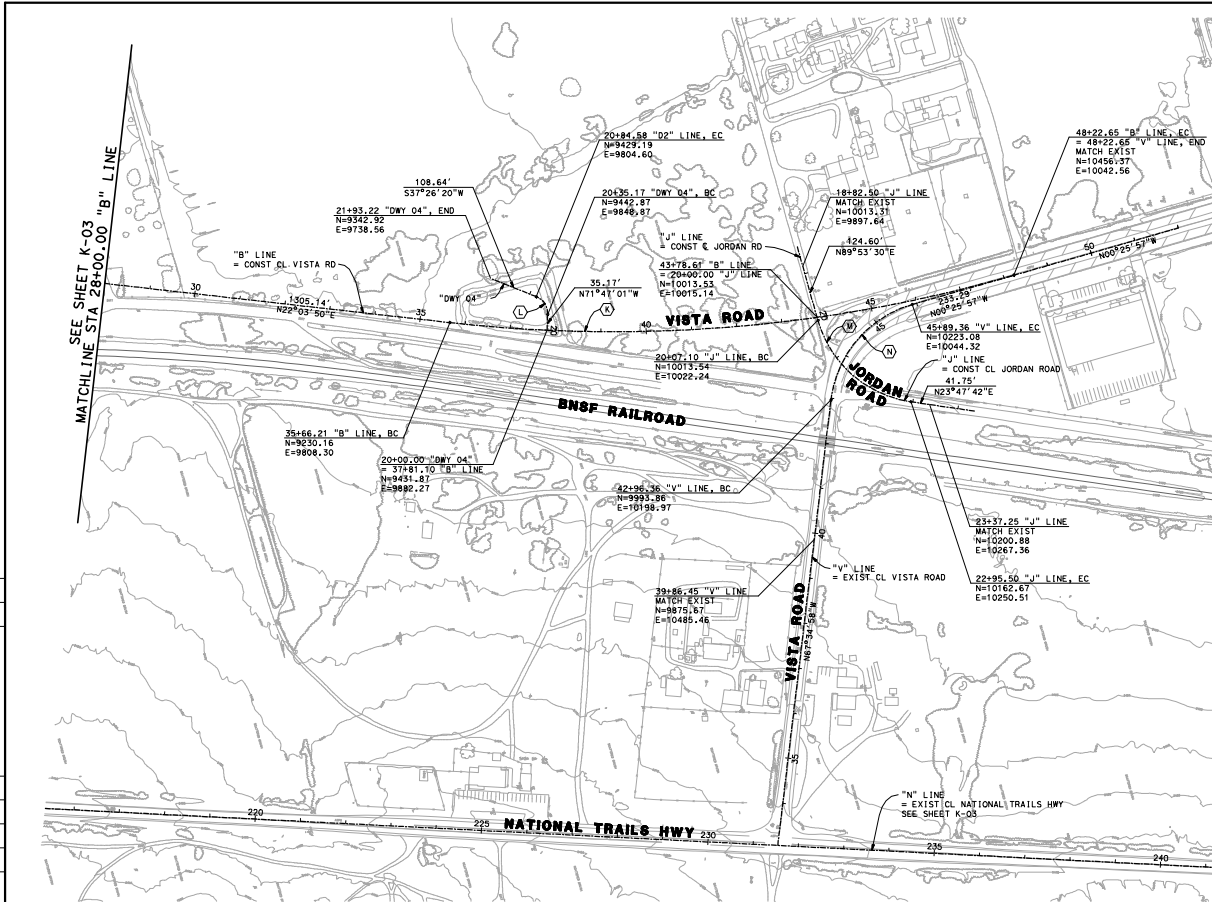
SHADOW MOUNTAIN ROAD  
GEOMETRIC CONTROL  
+00 "B" LINE TO 28+00 "B" LINE AND  
TA 187+74 "N" LINE TO 209+17 "N" L  
AND "DWY 01", "DWY 02"

|           |            |             |           |             |
|-----------|------------|-------------|-----------|-------------|
| J.L. REF. | W.O. NO.   | DRAWING NO. | SHEET NO. | TOTAL SHEET |
| JL XXXX   | XX XXXXXXX | K-03        | 11        | X           |

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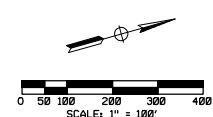
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6/22/2012

**10% DRAFT SUBMITTAL - NOT FOR CONSTRUCTION**



NOTE:  
CURVE NAMES MADE THE SAME AS USED  
ON LAYOUT SHEETS.

| CURVE DATA  |          |          |         |
|-------------|----------|----------|---------|
| DELTA       | RADIUS   | LENGTH   | TANGENT |
| K 22°29'47" | 3200.00' | 1256.44' | 636.42' |
| L 70°46'29" | 40.00'   | 49.41'   | 28.41'  |
| M 66°05'47" | 250.00'  | 288.40'  | 162.65' |
| N 67°09'02" | 250.00'  | 293.00'  | 165.94' |



ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN

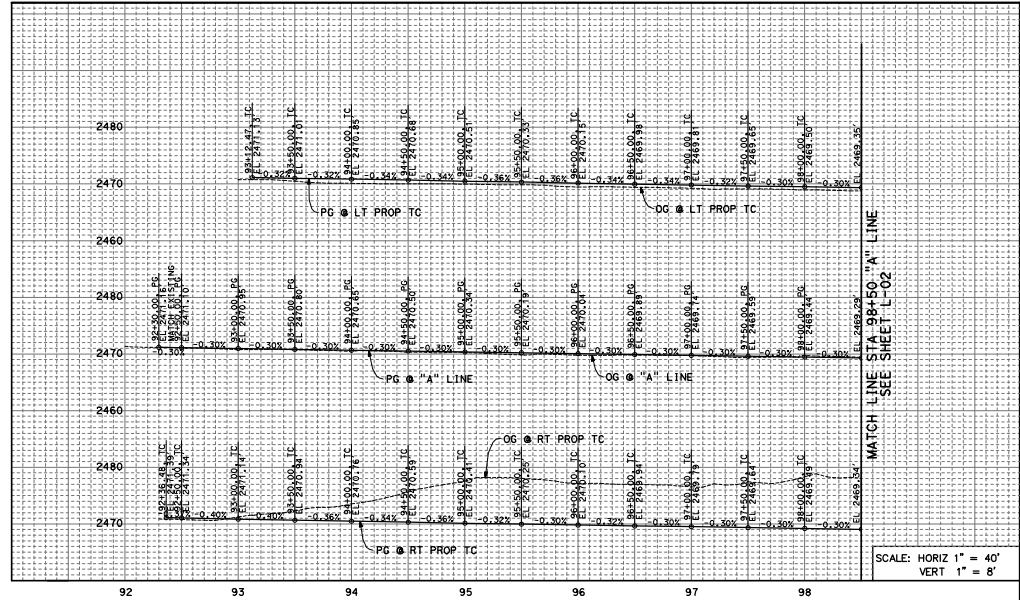
| APPROVAL  | DATE |
|-----------|------|
|           |      |
| REVISIONS |      |
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| APPROVAL  | DATE |
|           |      |
| REVISIONS |      |
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|                                                                                                                                           |                      |                    |                                                                                                                          |                                                                |                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Don't Dig Until You Get U.S.A. 1st Free DIALS 911 for the location ONLY. No other. ONLY APPROVAL. NO WORKING DAYS BEFORE 10:00 AM.</p> | <p>FIELD CHANGES</p> |                    | <p>PLANS PREPARED BY:<br/><b>AECOM</b><br/>999 N. TOWN AND COUNTRY ROAD<br/>ORANGE, CA 92668-4713<br/>(714) 567-2501</p> | <p>COUNTY OF SAN BERNARDINO<br/>DEPARTMENT OF PUBLIC WORKS</p> | <p>SHADOW MOUNTAIN ROAD<br/>GEOMETRIC CONTROL<br/>STA 28+00 "B" LINE TO 48+22.65 "B" LINE AND "DWY 04"<br/>STA 18+82.50 "J" LINE TO 23+37.25 "J" LINE<br/>STA 39+86.45 "V" LINE TO 48+22.65 "V" LINE</p> |
|                                                                                                                                           | <p>DATE: _____</p>   | <p>DATE: _____</p> |                                                                                                                          |                                                                |                                                                                                                                                                                                          |
| <p>DATE: _____</p>                                                                                                                        | <p>DATE: _____</p>   | <p>DATE: _____</p> | <p>DATE: _____</p>                                                                                                       | <p>DATE: _____</p>                                             | <p>DATE: _____</p>                                                                                                                                                                                       |

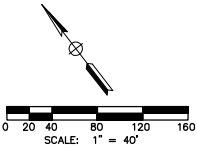
6/20/2012

# CONSTRUCTION NOTES:

- ① CONST XX' HMA OVER XX' AB (CLASS 2)
- ② CONST 8" PCC CURB & GUTTER PER COUNTY STD NO. 115
- ③ CONST 8" PCC CURB ONLY TYPE A1 PER CALTRANS STD PLAN NO. A67A
- ④ CONST 4" PCC SIDEWALK PER COUNTY STD NO. 109 (WIDTH PER PLAN)
- ⑤ CONST DWY APPROACH PER COUNTY STD NO. 128
- ⑥ CONST CURB RAMP PER COUNTY STD NO. 110
- ⑦ CONST CROSS GUTTER PER COUNTY STD NO. 119
- ⑧ CONST CONC BARRIER (TYPE 26 MOD) PER DET 6, SHT C-12
- ⑨ CONST CONC BARRIER (TYPE 26 MOD) END TRANSITION PER DET 6, SHT C-12
- ⑩ CONST 8" HMA DIKE PER COUNTY STD NO. 117
- ⑪ CONST XX' AB ONLY (CLASS 2)
- ⑫ CONST METAL BEAM GUARD RAILING TRANSITION RAILING (TYPE W6) PER CALTRANS STD PLAN NO. A77J4
- ⑬ CONST FLARED END METAL BEAM GUARD RAILING TERMINAL SYSTEM PER DETAIL ON SHT C-13
- ⑭ CONST DWY APPROACH PER COUNTY STD NO. 128A
- ⑮ CONST ROCK SLOPE PROTECTION PER DET 7, SHT C-12
- ⑯ SAWCUT EXISTING PAVEMENT
- ⑰ XX' MIN COLD PLANE EXIST PAVEMENT AND OVERLAY WITH XX' MIN HMA FOR SMOOTH TRANSITION
- ⑱ CONST TRANSITION CURB PER DET 3 & 5, SHT C-10 & C-11
- ⑲ CONST XX' HMA OVER XX' AB (CLASS 2)
- ⑳ CONST TRANSITION CURB & GUTTER PER DET 8, SHT C-12
- ㉑ CONST METAL BEAM GUARD RAILING PER CALTRANS STD PLAN NO. A77A1
- ㉒ INSTALL METAL BEAM GUARD RAILING END ANCHOR ASSEMBLY (TYPE S67) PER CALTRANS STD PLAN NO. A77H1
- ㉓ CONST CONC BARRIER WITH CHAIN LINK RAILING PER DET 9 SHT C-12

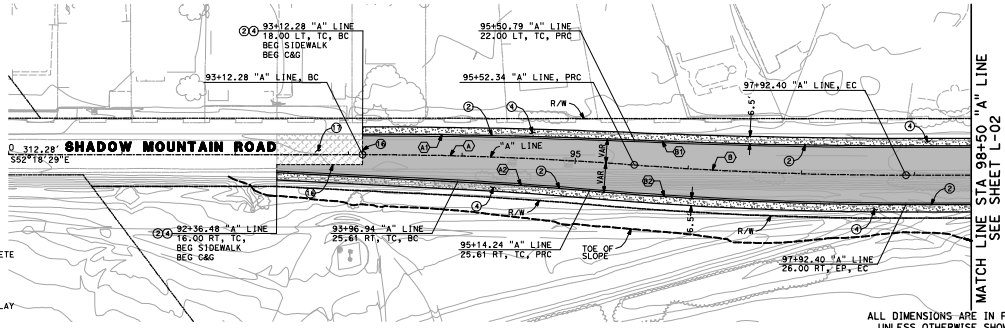


| CURVE DATA |          |          |         |         |
|------------|----------|----------|---------|---------|
| NO.        | R        | Δ        | L       | T       |
| (A)        | 3200.00' | 4°17'53" | 240.06' | 120.08' |
| (A)        | 5750.00' | 2°23'22" | 239.81' | 119.92' |
| (A)        | 3200.00' | 2°05'05" | 116.44' | 58.22'  |
| (A)        | 3200.00' | 4°17'53" | 240.06' | 120.08' |
| (B)        | 5750.00' | 2°23'22" | 239.81' | 119.92' |
| (B)        | 3240.00' | 4°56'53" | 279.81' | 139.95' |



## LEGEND:

- NEW ASPHALT CONCRETE
- PCC PAVEMENT
- COLD PLANE & OVERLAY



ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN



| NO. | CHANGES    | RESIDENT ENGINEER | DATE |
|-----|------------|-------------------|------|
| 1   | NO CHANGES |                   |      |

## FIELD CHANGES

PLANNED BY  
**AECOM**  
999 N. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

## COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS

RECOMMENDED / APPROVED BY  
XXXX XXXX P.E. DEPUTY DIRECTOR  
DATE  
XXXX XXXX P.E. DIRECTOR OF PUBLIC WORKS  
DATE

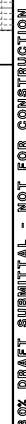
## SHADOW MOUNTAIN ROAD LAYOUT PLAN AND PROFILE

STA 92+36.48 "A" LINE TO 98+50 "A" LINE

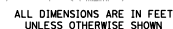
| J.L. REF. | R.D. NO.  | DRAWING NO. | SHEET NO. | TOTAL SHEETS |
|-----------|-----------|-------------|-----------|--------------|
| JL XXXX   | XX XXXXXX | L-01        | 13        | X            |

6% DRAFT SUBMITTAL - NOT FOR CONSTRUCTION

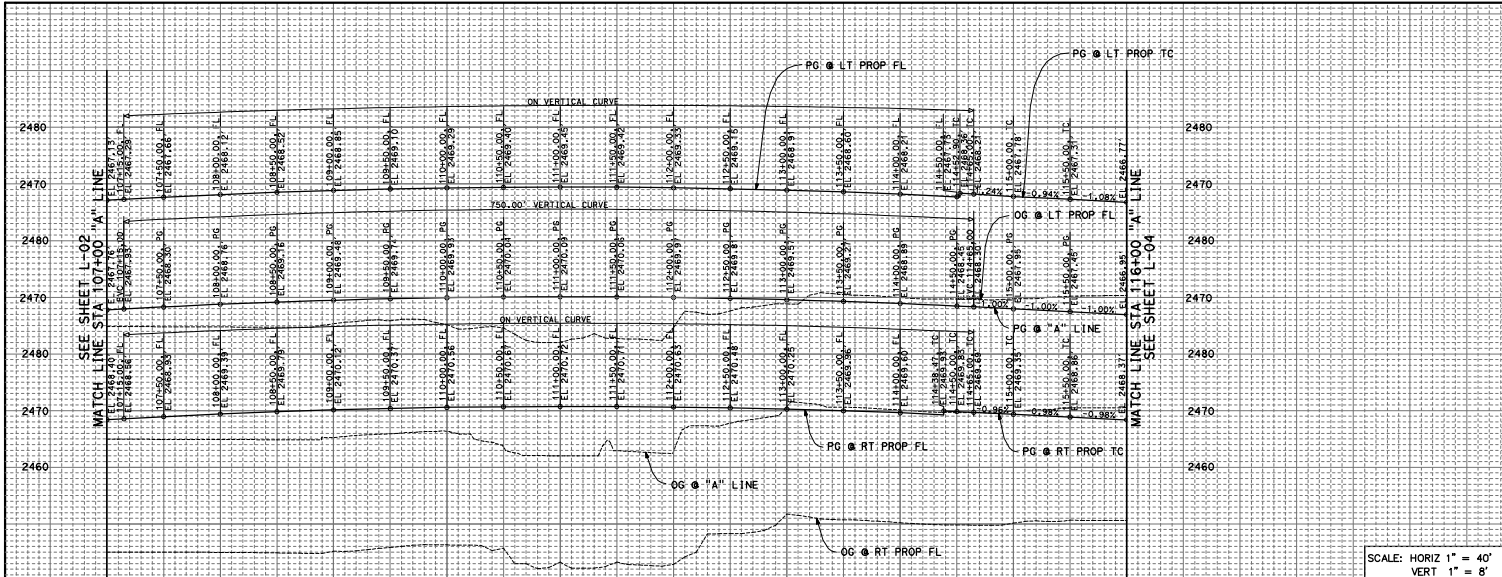
- ② **CONST** XX' HMA OVER XX' AB (CLASS 2)
- ③ **CONST** 8" PCC CURB & GUTTER PER COUNTY STD NO. 115
- ④ **CONST** 8" PCC CURB ONLY TYPE 1 A PER CALTRANS STD NO. 115
- ⑤ **CONST** 4" PCC SIDEWALK PER COUNTY STD NO. 109
- ⑥ **CONST** DRY APPROACH PER COUNTY STD NO. 128
- ⑦ **CONST** CURB RAMP PER COUNTY STD NO. 110
- ⑧ **CONST** CROSS GUTTER PER COUNTY STD NO. 119
- ⑨ **CONST** CONC BARRIER (TYPE 2) PER DET 6, SHT C-12
- ⑩ **CONST** CONC BARRIER (TYPE 26 WOOD) END TRANSITION PER DET 6, SHT C-12
- ⑪ **CONST** 8" HMA DISE PER COUNTY STD NO. 117A
- ⑫ **CONST** XX' AB ONLY (CLASS 2)
- ⑬ **CONST** METAL BEAM GUARD RAILING TRANSITION RAILING
- ⑭ **CONST** FLARED END METAL BEAM GUARD RAILING
- ⑮ **CONST** CRINAL SYSTEM SLOPE PROTECTION ON SHT C-13
- ⑯ **CONST** RY APPROACH PER COUNTY STD NO. 128A
- ⑰ **CONST** ROCK SLOPE PROTECTION PER DET 7, SHT C-12
- ⑱ **SAVCUT** EXISTING PAVEMENT
- ⑲ **XX'** MIN COALD PLANE EXIST PAVEMENT AND OVERLAY
- ⑳ **XX'** MIN HMA OVER XX' AB (CLASS 2)
- ㉑ **CONST** TRANSITION CURB PER DET 8, SHT C-10 & C-11
- ㉒ **CONST** XX' HMA OVER XX' AB (CLASS 2)
- ㉓ **CONST** TRANSITION CURB & GUTTER PER DET 8, SHT C-12
- ㉔ **CONST** 8" HMA DISE PER COUNTY GUARD RAILING PER CALTRANS STD PLAN NO. A77A1
- ㉕ **INSTALL** METAL BEAM GUARD RAILING END ANCHOR ASSEMBLY
- ㉖ **CONST** CONC BARRIER WITH CHAIN LINK RAILING PER DET 9



99+35.02 "A" LINE  
26.00 RT, TC, BCR  
END C&G. BEG CROSS GUTTER



|           |           |             |           |              |
|-----------|-----------|-------------|-----------|--------------|
| J.L. REF. | W.O. NO.  | DRAWING NO. | SHEET NO. | TOTAL SHEETS |
| JL XXXX   | XX XXXXXX | L-02        | 14        | X            |



SCALE: HORIZ 1" = 40'  
VERT 1" = 8'

**CURVE DATA**

| NO. | R        | Δ         | L        | T       |
|-----|----------|-----------|----------|---------|
| (1) | 2200.00' | 28°32'38" | 1096.00' | 559.62' |
| (2) | 2168.00' | 15°13'00" | 575.78'  | 289.59' |
| (3) | 2232.00' | 13°49'16" | 538.41'  | 270.32' |
| (4) | 1968.00' | 14°04'12" | 483.27'  | 242.86' |
| (5) | 2232.00' | 14°04'12" | 548.10'  | 275.44' |

NOTE:  
LOL TO MATCH WITH EITHER CURB LINE  
OR BRIDGE INTERIOR BARRIER LOL UNLESS  
OTHERWISE SHOWN ON PLAN. SEE END  
TREATMENT SHEETS FOR MORE DETAILS.

BRIDGE BARRIER END TREATMENT  
SEE DETAIL 2 ON SHEET C-10  
114+45.00 "A" LINE  
END BR  
BEG BR APPROACH

- CONSTRUCTION NOTES:**
- ① CONST XX' HMA OVER XX' AB (CLASS 2)
  - ② CONST 8" PCC CURB & GUTTER PER COUNTY STD NO. 115
  - ③ CONST 8" PCC CURB ONLY TYPE A1 PER CALTRANS STD PLAN NO. 187A
  - ④ CONST "PCC" SIDEWALK PER COUNTY STD NO. 109 (WIDTH PER PLAN)
  - ⑤ CONST DRY APPROACH PER COUNTY STD NO. 128
  - ⑥ CONST CURB RAMP PER COUNTY STD NO. 110
  - ⑦ CONST CROSS GUTTER PER COUNTY STD NO. 119
  - ⑧ CONST CONC BARRIER (TYPE 26 MOD) PER DET 6, SHT C-12
  - ⑨ CONST CONC BARRIER (TYPE 26 MOD) END TRANSITION PER DET 6, SHT C-12

**LEGEND:**

- NEW ASPHALT CONCRETE
- PCC PAVEMENT

0 20 40 80 120 160  
SCALE: 1" = 40'  
ALL DIMENSIONS ARE IN FEET  
UNLESS OTHERWISE SHOWN

SEE SHEET L-02  
MATCH LINE STA 107+00 "A" LINE

MATCH LINE STA 116+00 "A" LINE  
SEE SHEET L-04

**SHADOW MOUNTAIN ROAD**

SEE STRUCTURAL PLANS



| DATE | REVISIONS |
|------|-----------|
|      |           |
|      |           |
|      |           |

NO WORKING DATA BEFORE 10/1/10

**FIELD CHANGES**

PLAN PREPARED BY  
**AECOM**  
999 N. TOWN AND COUNTRY ROAD  
ORANGE, CA 92668-4713  
(714) 567-2501

COUNTY OF SAN BERNARDINO  
**DEPARTMENT OF PUBLIC WORKS**  
RECOMMENDED / APPROVED BY  
XXXX XXXX P.E. DEPUTY DIRECTOR  
DATE  
XXXX XXXX P.E. DIRECTOR OF PUBLIC WORKS  
DATE

**SHADOW MOUNTAIN ROAD**  
LAYOUT PLAN AND PROFILE  
STA 107+00 "A" LINE TO 116+00 "A" LINE

| J.L. REF. | R.D. NO.  | DRAWING NO. | SHEET NO. | TOTAL SHEETS |
|-----------|-----------|-------------|-----------|--------------|
| JL XXXX   | XX XXXXXX | L-03        | 15        | X            |

1718018009 Shadow Mountain Road STA 107+00 to 116+00, CIVIL/SHAW'S L.L.-SL-00  
6/20/2012

6% DRAFT SUBMITTAL - NOT FOR CONSTRUCTION