

**INDEX OF SHEETS**

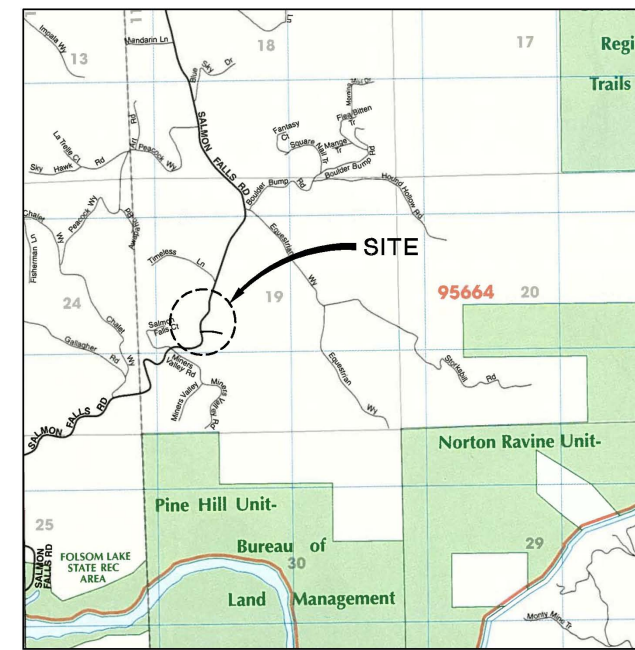
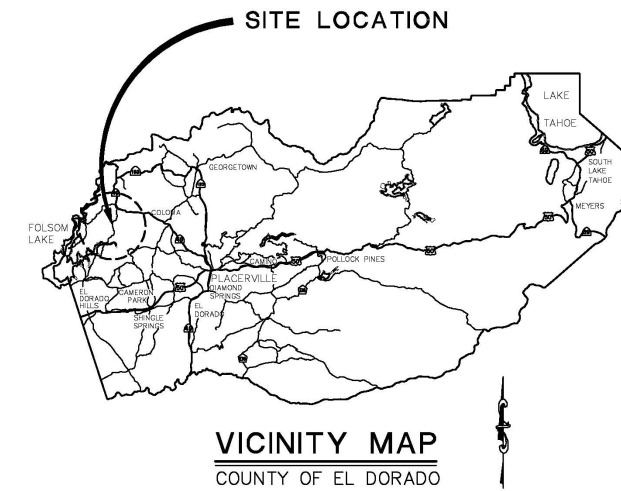
| SHEET | PLAN SHEET | TITLE   |
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**COUNTY OF EL DORADO, CA  
COMMUNITY DEVELOPMENT AGENCY  
TRANSPORTATION DIVISION**

**PROJECT PLANS FOR THE CONSTRUCTION OF  
SALMON FALLS ROAD SOUTH OF  
GLENESK LANE REALIGNMENT**

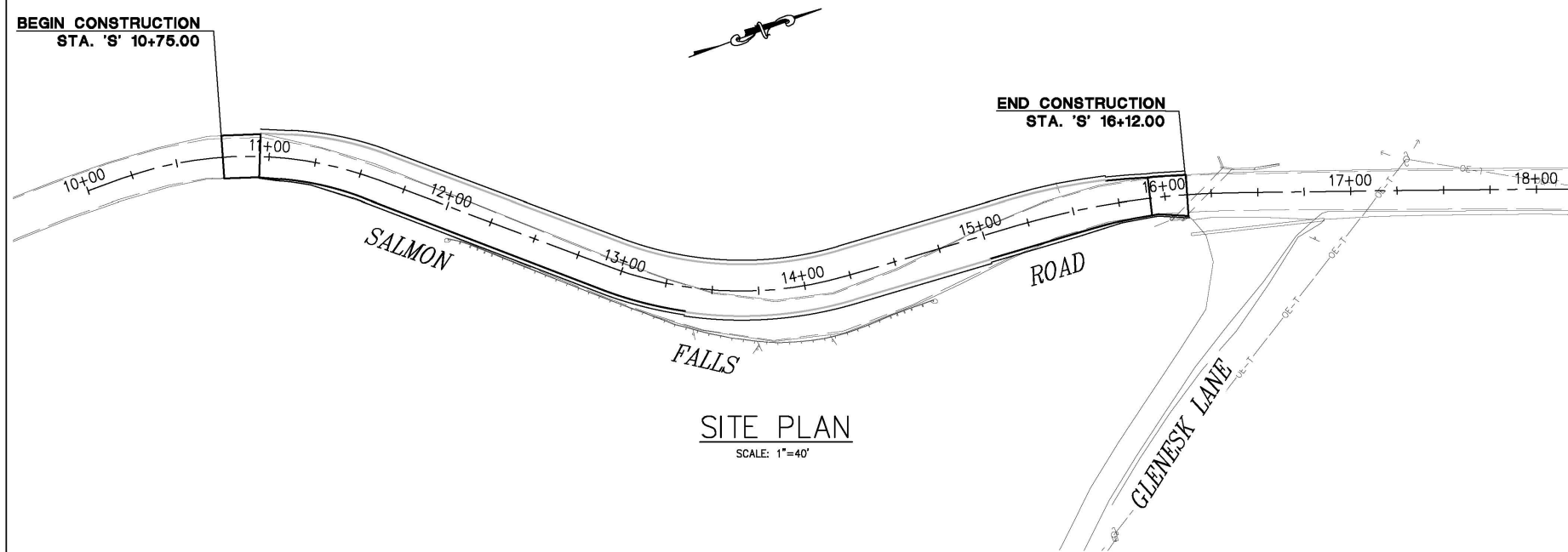
IN THE COUNTY OF EL DORADO, DISTRICT 4

To be supplemented with Standard Plans and Specifications dated 2010, including the Revised Standard Specifications to the 2010 Standard Specifications, of the California Department of Transportation, unless otherwise noted.



**BEGIN CONSTRUCTION  
STA. 'S' 10+75.00**

**END CONSTRUCTION  
STA. 'S' 16+12.00**



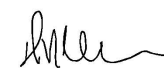
CONTRACTOR'S LICENSE CLASSIFICATION: Bidders shall be properly licensed to perform the Work pursuant to the State Contractor's License Act (Business and Professions Code section 7000 et seq.) and shall possess a CLASS A LICENSE or equivalent combination of Classes required by the categories and type of Work included in the Contract Documents and Plans. Failure of the successful Bidder to obtain proper and adequate licensing at the time bids are submitted shall constitute a failure to execute the Contract, and forfeiture as provided under that section.

| REVISIONS |      |    |
|-----------|------|----|
| MARK      | DATE | BY |
|           |      |    |
|           |      |    |
|           |      |    |
|           |      |    |



**FEDERAL AID PROJECT  
HSIPL 5925 (083)**



  
 DUSTIN W. HARRINGTON  
 REGISTERED CIVIL ENGINEER No. 71517  
 DATE \_\_\_\_\_

**BOARD OF SUPERVISORS**

|                 |     |
|-----------------|-----|
| RON MIKULACO    | I   |
| SHIVA FRENTZEN  | II  |
| BRIAN VEERKAMP  | III |
| MICHAEL RANALLI | IV  |
| SUE NOVASEL     | V   |

**COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
TRANSPORTATION DIVISION**

(530) 621-5900  
2850 FAIRLANE CT  
PLACERVILLE, CA 95667

ADOPTED AND APPROVED BY:

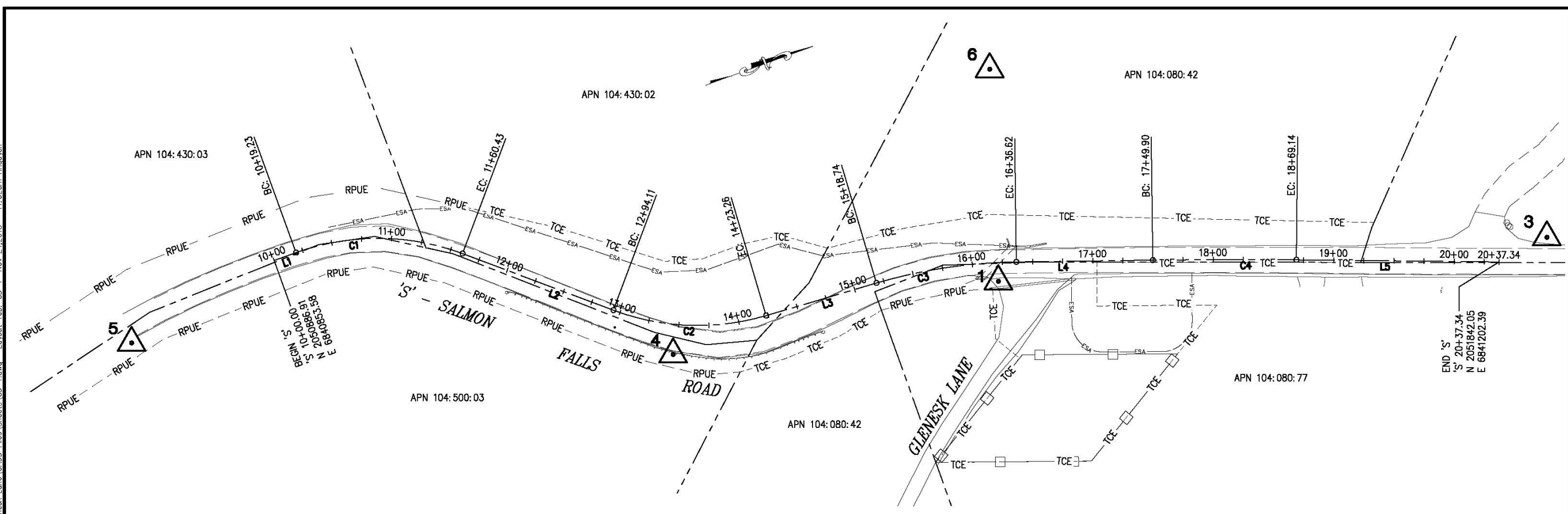
|   |            |
|---|------------|
| BRIAN VEERKAMP<br>CHAIR, EL DORADO COUNTY BOARD OF SUPERVISORS      | DATE _____ |
| APPROVED BY:  | DATE _____ |
| STEVEN M. PEDRETTI, DIRECTOR<br>COMMUNITY DEVELOPMENT AGENCY        | DATE _____ |
| MATTHEW D. BASKIN, P.E., N.S. C6852<br>DEPUTY DIRECTOR, ENGINEERING | DATE _____ |

PW NO. 11-30597 PROJECT NO. 73362

**SALMON FALLS ROAD SOUTH  
OF GLENESK LANE  
REALIGNMENT  
TITLE SHEET**

SHEET 1 OF 18

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil 3D\Projects\73362\_HSP\_Salmon Falls Road at Glenesk Lane\CADD\_Files\Sheets\CD-1.dwg Layout Tab: CD-1 Nov 24, 2015 11:52am Anouven  
 FOR REDUCED PLANS  
 2  
 1  
 0



| CONTROL TABLE  |            |            |           |              |
|----------------|------------|------------|-----------|--------------|
| CONTROL NUMBER | NORTHING   | EASTING    | ELEVATION | DESCRIPTION  |
| 1              | 2051445.95 | 6841075.43 | 1049.69   | CP GIn       |
| 3              | 2051886.33 | 6841196.82 | 1070.79   | CP 10in      |
| 4              | 2051171.48 | 6841040.08 | 1050.58   | CP 10in      |
| 5              | 2050752.27 | 6840877.33 | 1012.42   | CP 10in      |
| 6              | 2051499.30 | 6840907.62 | 1087.71   | AUX CP SPIKE |

| 'S' DATA |        |         |                                 |             |
|----------|--------|---------|---------------------------------|-------------|
| NUMBER   | LENGTH | RADIUS  | LINE / CHORD DIRECTION & LENGTH | DELTA       |
| C1       | 141.20 | 200.00  | N 20° 19' 17" E - 138.29        | 40° 27' 04" |
| C2       | 129.15 | 200.00  | N 22° 02' 55" E - 126.91        | 36° 59' 48" |
| C3       | 117.88 | 430.00  | N 11° 24' 13" E - 117.51        | 15° 42' 25" |
| C4       | 119.24 | 5217.00 | N 19° 54' 43" E - 119.24        | 1° 18' 34"  |
| L1       | 19.23  |         | N 0° 05' 43" E                  |             |
| L2       | 133.68 |         | N 40° 32' 49" E                 |             |
| L3       | 95.48  |         | N 3° 33' 01" E                  |             |
| L4       | 113.28 |         | N 19° 15' 26" E                 |             |
| L5       | 168.20 |         | N 20° 34' 00" E                 |             |

**NOTES:**

BEARINGS, DISTANCES, STATIONING AND COORDINATES SHOWN ARE ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM, NAD 83 ZONE 2, EPOCH 1991.35, US SURVEY FEET. DISTANCES SHOWN ARE GRID DISTANCES. DIVIDE DISTANCES SHOWN BY 0.999882 TO OBTAIN GROUND DISTANCES.

ELEVATIONS SHOWN REFERENCE NGVD 1929

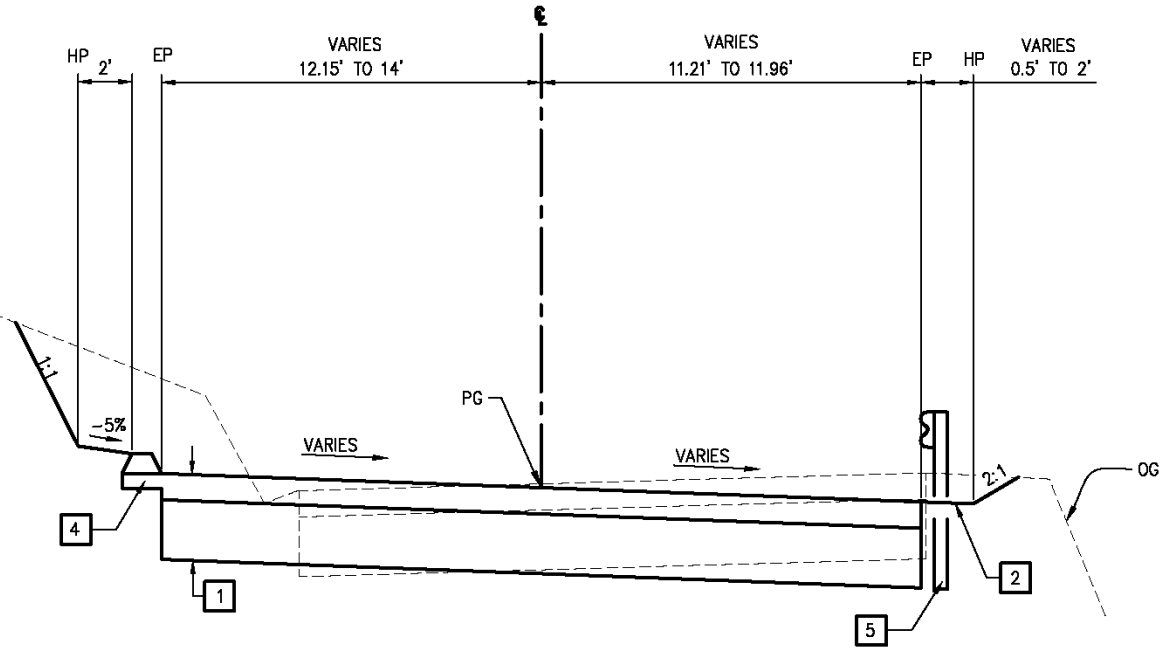
**LEGEND:**

- DENOTES CONTROL POINT AND NUMBER.
- RPUE ROAD & PUBLIC UTILITY EASEMENT
- TCE TEMPORARY CONSTRUCTION EASEMENT

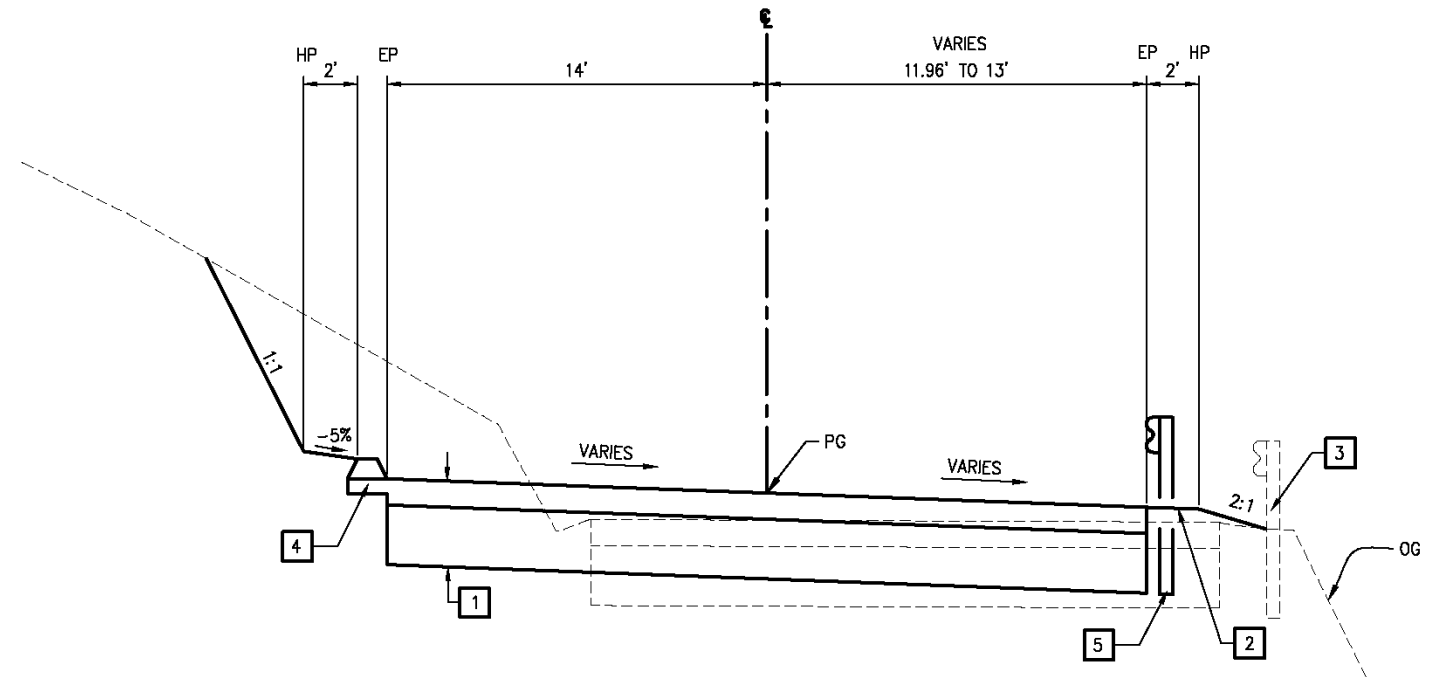
SURVEY CONTROL DIAGRAM  
SCALE : 1" = 40'

|  |  |   |   |   |  |  |
|--|--|---|---|---|--|--|
| REVISION<br>NUMBER DATE DESCRIPTION BY |  | PREPARED UNDER THE SUPERVISION OF:<br><i>Joseph C. Neely</i><br>PROFESSIONAL LAND SURVEYOR<br>DATE: | DESIGNED: JN<br>DRAWN: AN<br>CHECKED: JN<br>DATE: 11/24/2015<br>ROAD NUMBER: 39 | <p>COUNTY OF EL DORADO<br/>COMMUNITY DEVELOPMENT AGENCY<br/>TRANSPORTATION DIVISION</p> | <p>SALMON FALLS ROAD SOUTH OF<br/>GLENESK LANE REALIGNMENT</p> | SHEET<br><b>CD-1</b><br>2 OF 18<br>W.D. No. <b>73362</b> |
|--|--|---|---|---|--|--|

ORIGINAL SCALE IS IN INCHES  
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'S' - 10+95.00 TO 11+59.78



'S' - 11+59.78 TO 12+42.00

**CONSTRUCTION NOTES:**

- 1 — 4.5" HMA (TYPE A)  
10" AB (CLASS II)
- 2 — SHOULDER BACKING
- 3 — EXISTING MBGR. REFER TO L-1 SHEET FOR LIMITS
- 4 — HMA DIKE (TYPE A). REFER TO L-1 SHEET FOR LIMITS
- 5 — MGS STEEL POST. SEE RSP A77N3 FOR POST INSTALLATION FOR NARROW ROADWAY

FOR REDUCED PLANS  
 2  
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 0

TYPICAL SECTIONS  
SCALE : N/A

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |
|          |        |      |             |    |
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF :  
*Justin W. Harrison*  
 REGISTERED CIVIL ENGINEER  
 DATE:

DESIGNED: AN  
 DRAWN: AN  
 CHECKED: DH  
 DATE: 11/23/2015  
 ROAD NUMBER: 39



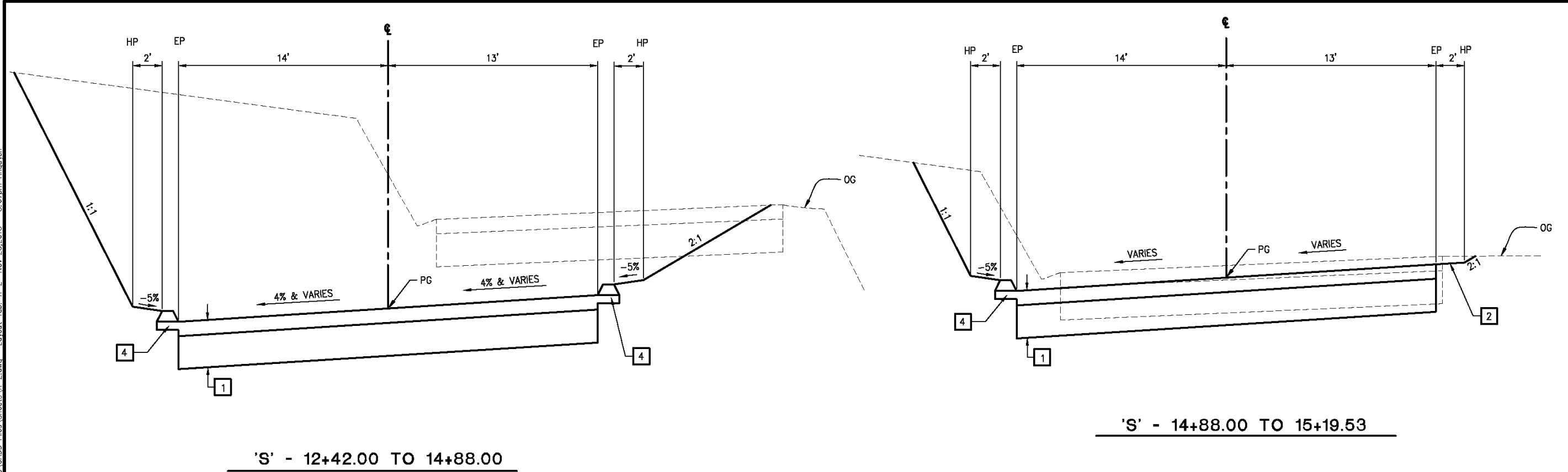
COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION

SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT

SHEET  
 X-1  
 3 OF 18  
 W.D. No. 73362

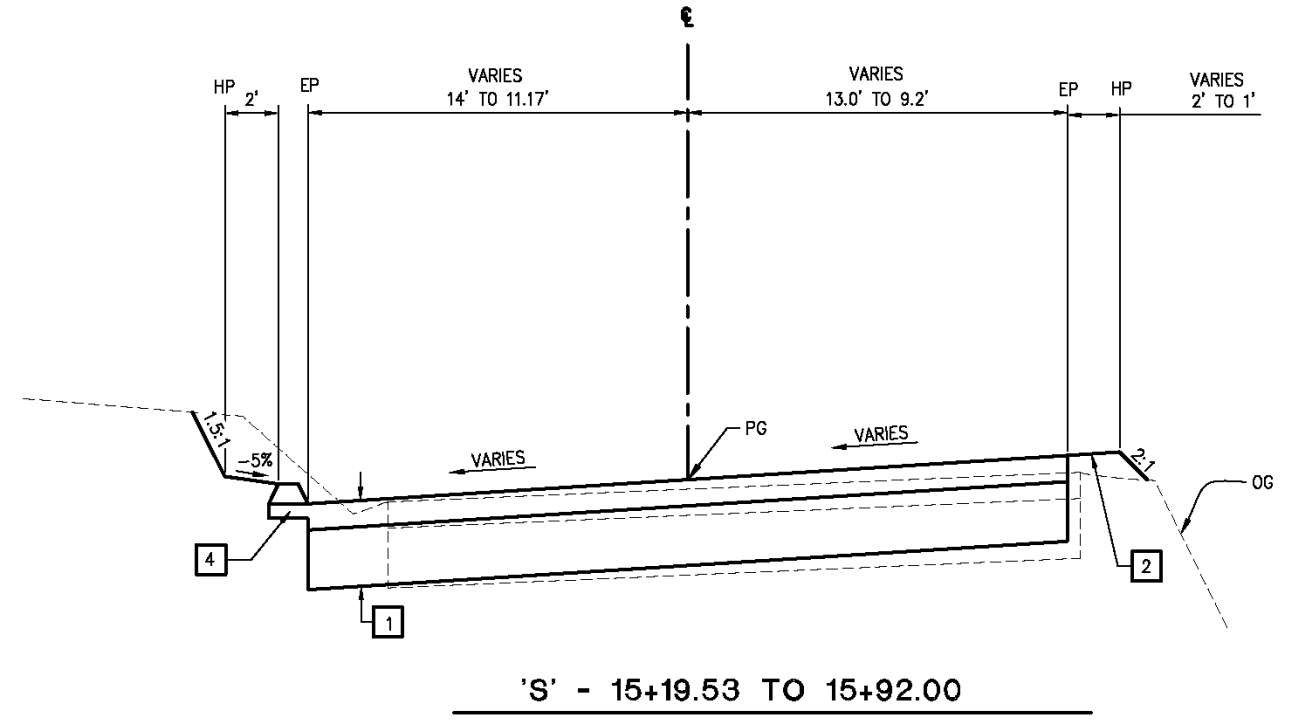
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FOR REDUCED PLANS  
 2  
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**CONSTRUCTION NOTES:**

- 1 - 4.5" HMA (TYPE A)  
10" AB (CLASS II)
- 2 - SHOULDER BACKING
- 3 - EXISTING MBGR. REFER TO L-1 SHEET FOR LIMITS
- 4 - HMA DIKE (TYPE A). REFER TO L-1 SHEET FOR LIMITS



TYPICAL SECTIONS  
SCALE : N/A

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
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PREPARED UNDER THE SUPERVISION OF:  
*Justin W. Harrison*  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: AN DRAWN: AN  
 CHECKED: DH DATE: 11/23/2015  
 ROAD NUMBER: 39



COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION

SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT

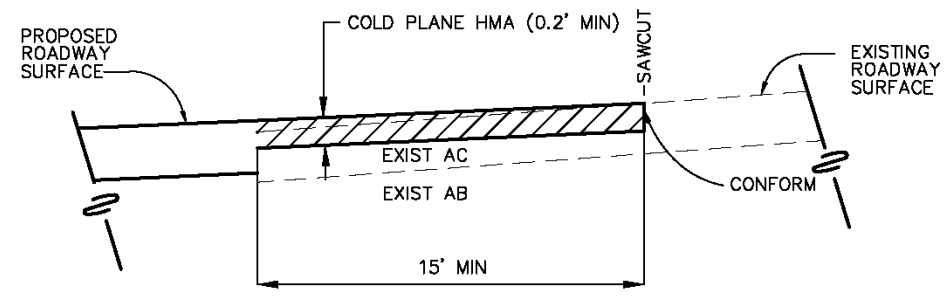
SHEET  
 X-2  
 4 OF 18  
 W.D. No. 73362



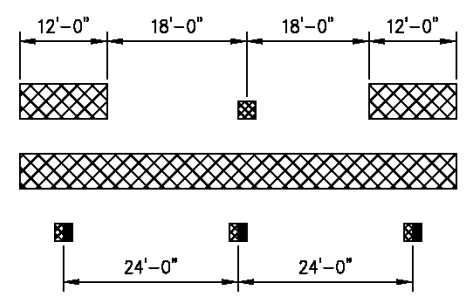




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 0 1 2






1 COLD PLANE CONFORM DETAIL  
N.T.S.



2 MODIFIED DETAIL 18

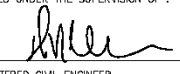
**LEGEND**

-  4" YELLOW STRIPE
-  TYPE D TWO-WAY YELLOW RETROREFLECTIVE MARKER
-  TYPE H ONE-WAY YELLOW RETROREFLECTIVE MARKER

CONSTRUCTION DETAILS  
SCALE : AS SHOWN

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |
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PREPARED UNDER THE SUPERVISION OF :  
  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: AN DRAWN: AN  
 CHECKED: DH DATE: 11/30/2015  
 ROAD NUMBER: 39

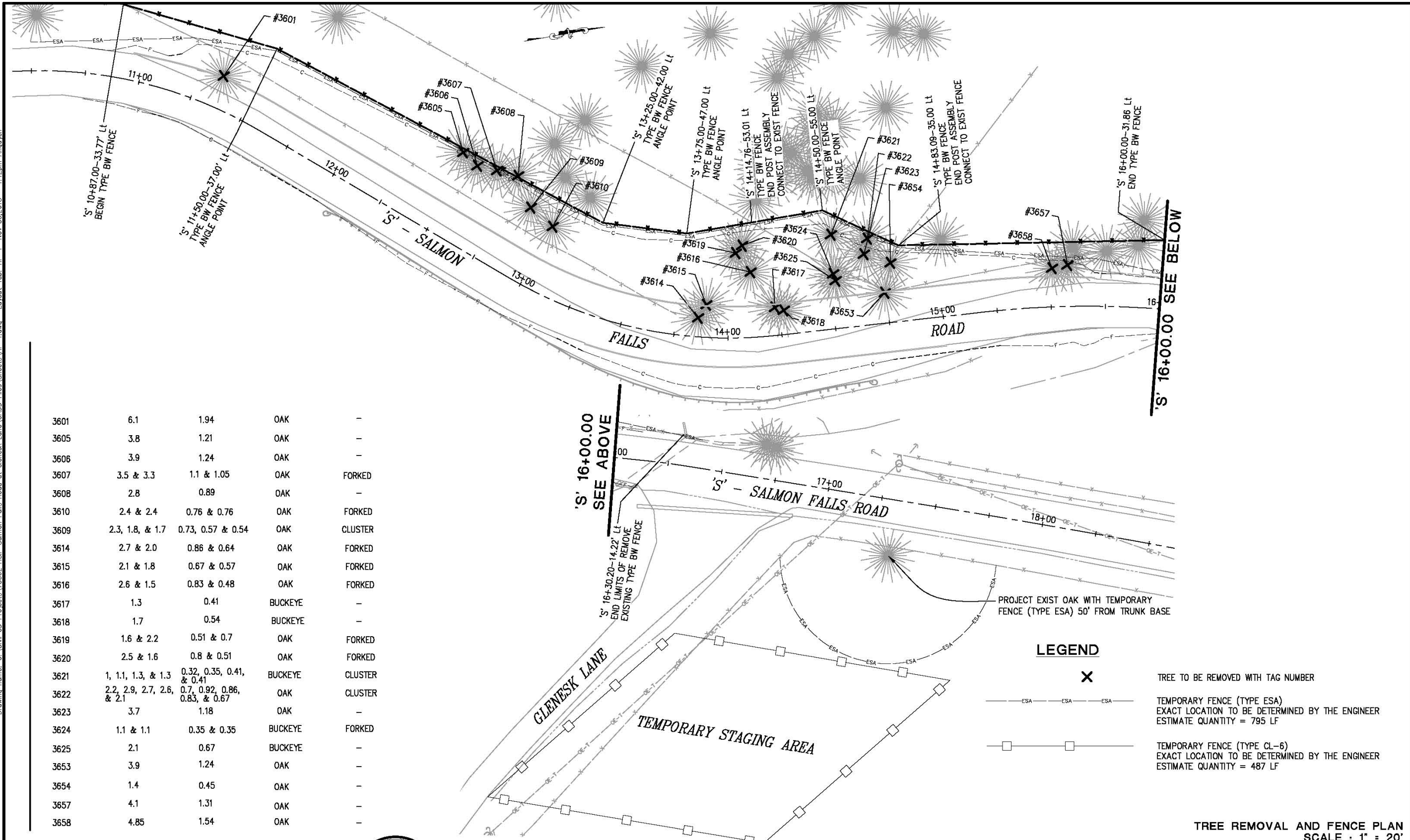


COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION

SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT

SHEET  
 C-1  
 6 OF 18  
 P.O. No. 73362

ORIGINAL SCALE IS IN INCHES  
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 FOR REDUCED PLANS  
 0 1 2



|      |                           |                               |         |         |
|------|---------------------------|-------------------------------|---------|---------|
| 3601 | 6.1                       | 1.94                          | OAK     | -       |
| 3605 | 3.8                       | 1.21                          | OAK     | -       |
| 3606 | 3.9                       | 1.24                          | OAK     | -       |
| 3607 | 3.5 & 3.3                 | 1.1 & 1.05                    | OAK     | FORKED  |
| 3608 | 2.8                       | 0.89                          | OAK     | -       |
| 3610 | 2.4 & 2.4                 | 0.76 & 0.76                   | OAK     | FORKED  |
| 3609 | 2.3, 1.8, & 1.7           | 0.73, 0.57 & 0.54             | OAK     | CLUSTER |
| 3614 | 2.7 & 2.0                 | 0.86 & 0.64                   | OAK     | FORKED  |
| 3615 | 2.1 & 1.8                 | 0.67 & 0.57                   | OAK     | FORKED  |
| 3616 | 2.6 & 1.5                 | 0.83 & 0.48                   | OAK     | FORKED  |
| 3617 | 1.3                       | 0.41                          | BUCKEYE | -       |
| 3618 | 1.7                       | 0.54                          | BUCKEYE | -       |
| 3619 | 1.6 & 2.2                 | 0.51 & 0.7                    | OAK     | FORKED  |
| 3620 | 2.5 & 1.6                 | 0.8 & 0.51                    | OAK     | FORKED  |
| 3621 | 1, 1.1, 1.3, & 1.3        | 0.32, 0.35, 0.41, & 0.41      | BUCKEYE | CLUSTER |
| 3622 | 2.2, 2.9, 2.7, 2.6, & 2.1 | 0.7, 0.92, 0.86, 0.83, & 0.67 | OAK     | CLUSTER |
| 3623 | 3.7                       | 1.18                          | OAK     | -       |
| 3624 | 1.1 & 1.1                 | 0.35 & 0.35                   | BUCKEYE | FORKED  |
| 3625 | 2.1                       | 0.67                          | BUCKEYE | -       |
| 3653 | 3.9                       | 1.24                          | OAK     | -       |
| 3654 | 1.4                       | 0.45                          | OAK     | -       |
| 3657 | 4.1                       | 1.31                          | OAK     | -       |
| 3658 | 4.85                      | 1.54                          | OAK     | -       |

**LEGEND**

- TREE TO BE REMOVED WITH TAG NUMBER
- TEMPORARY FENCE (TYPE ESA)  
EXACT LOCATION TO BE DETERMINED BY THE ENGINEER  
ESTIMATE QUANTITY = 795 LF
- TEMPORARY FENCE (TYPE CL-6)  
EXACT LOCATION TO BE DETERMINED BY THE ENGINEER  
ESTIMATE QUANTITY = 487 LF

**TREE REMOVAL AND FENCE PLAN  
SCALE : 1" = 20'**

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |
|          |        |      |             |    |
|          |        |      |             |    |
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PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: AN AN  
 CHECKED: DH DATE: 11/30/2015  
 ROAD NUMBER: 39

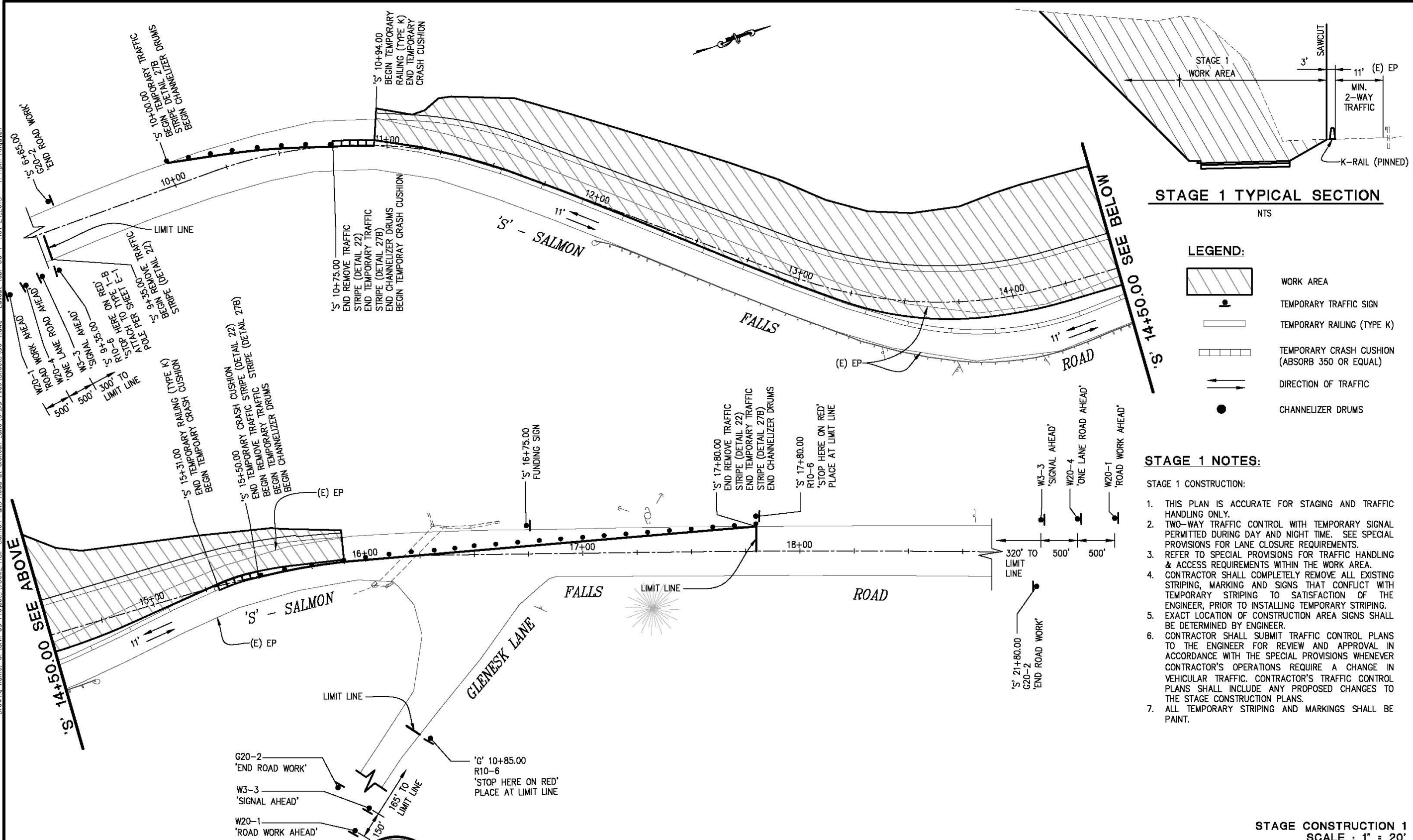


**COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION**

**SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT**

SHEET  
**HP-1**  
 7 OF 18  
 P.L. No. **73362**

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil 3D\Projects\73362\_HSR\_Salmon Falls Road at Glenesk Lane\CADD Files\Sheets\SC-1.dwg Layout Tab: SC-1 Nov 24, 2015 4:41pm Anquyen



**STAGE 1 TYPICAL SECTION**

**LEGEND:**

- WORK AREA
- TEMPORARY TRAFFIC SIGN
- TEMPORARY RAILING (TYPE K)
- TEMPORARY CRASH CUSHION (ABSORB 350 OR EQUAL)
- DIRECTION OF TRAFFIC
- CHANNELIZER DRUMS

**STAGE 1 NOTES:**

- STAGE 1 CONSTRUCTION:
- THIS PLAN IS ACCURATE FOR STAGING AND TRAFFIC HANDLING ONLY.
  - TWO-WAY TRAFFIC CONTROL WITH TEMPORARY SIGNAL PERMITTED DURING DAY AND NIGHT TIME. SEE SPECIAL PROVISIONS FOR LANE CLOSURE REQUIREMENTS.
  - REFER TO SPECIAL PROVISIONS FOR TRAFFIC HANDLING & ACCESS REQUIREMENTS WITHIN THE WORK AREA.
  - CONTRACTOR SHALL COMPLETELY REMOVE ALL EXISTING STRIPING, MARKING AND SIGNS THAT CONFLICT WITH TEMPORARY STRIPING TO SATISFACTION OF THE ENGINEER, PRIOR TO INSTALLING TEMPORARY STRIPING.
  - EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY ENGINEER.
  - CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE SPECIAL PROVISIONS WHENEVER CONTRACTOR'S OPERATIONS REQUIRE A CHANGE IN VEHICULAR TRAFFIC. CONTRACTOR'S TRAFFIC CONTROL PLANS SHALL INCLUDE ANY PROPOSED CHANGES TO THE STAGE CONSTRUCTION PLANS.
  - ALL TEMPORARY STRIPING AND MARKINGS SHALL BE PAINT.

**STAGE CONSTRUCTION 1**  
SCALE : 1" = 20'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: AN  
 DRAWN: AN  
 CHECKED: DH  
 DATE: 11/24/2015  
 ROAD NUMBER: 39

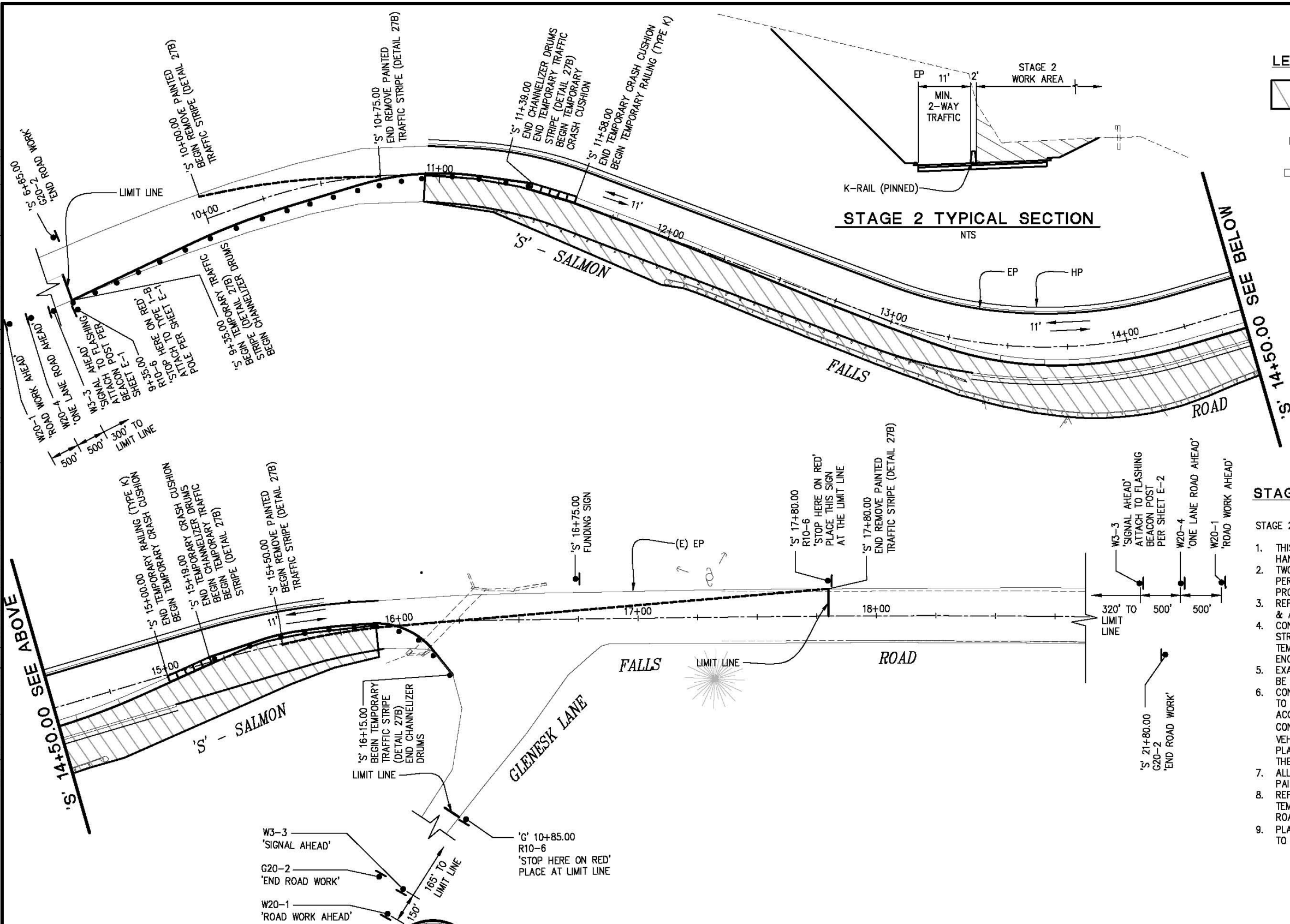


**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**SALMON FALLS ROAD SOUTH OF**  
**GLENESK LANE REALIGNMENT**

SHEET  
**SC-1**  
 B OF 18  
 W.D. No. **73362**

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil 3D\Projects\73362\_HSP\_Salmon Falls Road at Glenesk Lane\CADD\_Files\Sheets\SC-2.dwg Layout Tab: SC-2 Nov 24, 2015 4:53pm Arduyen



**LEGEND:**

- WORK AREA
- TEMPORARY TRAFFIC SIGN
- TEMPORARY RAILING (TYPE K)
- TEMPORARY CRASH CUSHION (ABSORB 350 OR EQUAL)
- DIRECTION OF TRAFFIC
- CHANNELIZER DRUMS

- STAGE 2 NOTES**
- STAGE 2 CONSTRUCTION:
1. THIS PLAN IS ACCURATE FOR STAGING AND TRAFFIC HANDLING ONLY.
  2. TWO-WAY TRAFFIC CONTROL WITH TEMPORARY SIGNAL PERMITTED DURING DAY AND NIGHT TIME. SEE SPECIAL PROVISIONS FOR LANE CLOSURE REQUIREMENTS.
  3. REFER TO SPECIAL PROVISIONS FOR TRAFFIC HANDLING & ACCESS REQUIREMENTS WITHIN THE WORK AREA.
  4. CONTRACTOR SHALL COMPLETELY REMOVE ALL EXISTING STRIPING, MARKING AND SIGNS THAT CONFLICT WITH TEMPORARY STRIPING TO SATISFACTION OF THE ENGINEER, PRIOR TO INSTALLING TEMPORARY STRIPING. EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY ENGINEER.
  5. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE ENGINEER FOR REVIEW AND APPROVAL IN ACCORDANCE WITH THE SPECIAL PROVISIONS WHENEVER CONTRACTOR'S OPERATIONS REQUIRE A CHANGE IN VEHICULAR TRAFFIC. CONTRACTOR'S TRAFFIC CONTROL PLANS SHALL INCLUDE ANY PROPOSED CHANGES TO THE STAGE CONSTRUCTION PLANS.
  6. ALL TEMPORARY STRIPING AND MARKINGS SHALL BE PAINT.
  7. REFER TO SPECIAL PROVISIONS REGARDING REMOVAL OF TEMPORARY SIGNAL SYSTEM UPON COMPLETION OF ROAD WORK.
  8. PLACE FINAL 2" HMA LIFT OVER ENTIRE PROJECT PRIOR TO PLACEMENT OF THERMOPLASTIC TRAFFIC STRIPE.

FOR REDUCED PLANS  
 0 1 2

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |

REGISTERED PROFESSIONAL ENGINEER  
**DUSTIN W. HARRINGTON**  
 No. C71517  
 License Expires 12-31-17  
 REGISTERED CIVIL ENGINEER

PREPARED UNDER THE SUPERVISION OF:  
  
 DATE: \_\_\_\_\_

|                 |                  |
|-----------------|------------------|
| DESIGNED: AN    | DRAWN: AN        |
| CHECKED: DH     | DATE: 11/24/2015 |
| ROAD NUMBER: 39 |                  |

**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

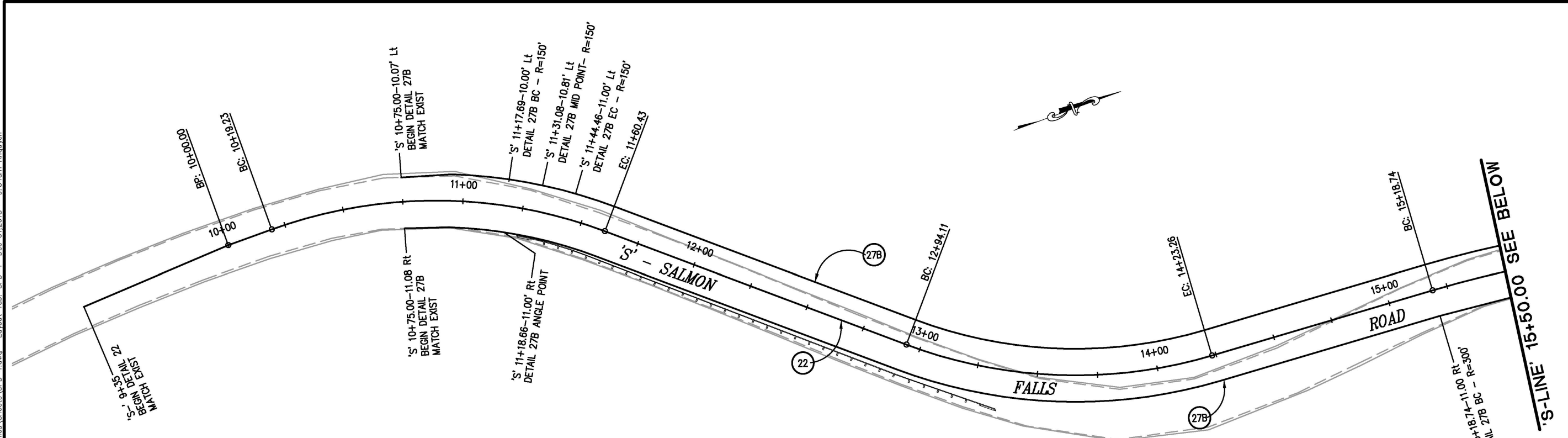
**SALMON FALLS ROAD SOUTH OF**  
**GLENESK LANE REALIGNMENT**

SHEET  
**SC-2**  
 9 OF 18  
 P.O. No. **73362**

**STAGE CONSTRUCTION 2**  
 SCALE : 1" = 20'



FOR REDUCED PLANS  
 ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil\3D\Projects\73362\_HSP\_Salmon\_Falls\_Road.at\_Glenesk\_Lane\CAAD\_Files\Sheets\SPD-1.dwg Layout Tab: SPD-1 Dec 01, 2015 9:34am Anshuven



'S-LINE' 15+50.00 SEE ABOVE

'S-LINE' 15+50.00 SEE BELOW

| THERMOPLASTIC TRAFFIC STRIPE |                  |                  |                              |                |                                |             |
|------------------------------|------------------|------------------|------------------------------|----------------|--------------------------------|-------------|
| DETAIL No. / STANDARD PLAN   | BEGIN STATION    | END STATION      | THERMOPLASTIC TRAFFIC STRIPE |                | PAVEMENT MARKER (RETROREFLECT) |             |
|                              |                  |                  | 4" WHITE (LF)                | 4" YELLOW (LF) | TYPE D (EA)                    | TYPE H (EA) |
| MODIFIED DETAIL 18 (M18) **  | S' 16+90.00      | S' 17+80.00      |                              | 180            | 3                              | 4           |
| 22 - A20A                    | S' 9+35.00       | S' 16+90.00      |                              | 1510           | 68                             |             |
| 27B - A20B                   | S' 10+75.00 - Lt | S' 16+12.00 - Lt | 537                          |                |                                |             |
|                              | S' 10+75.00 - Rt | S' 16+12.00 - Rt | 537                          |                |                                |             |
| <b>TOTAL</b>                 |                  |                  | <b>1074</b>                  | <b>1690</b>    | <b>71</b>                      | <b>4</b>    |

\*\* SEE DETAIL 2, SHEET C-1.

| REMOVE THERMOPLASTIC TRAFFIC STRIPE |               |             |
|-------------------------------------|---------------|-------------|
| BEGIN STATION                       | END STATION   | LENGTH (FT) |
| S' - 9+35.00                        | S' - 10+75.00 | 140         |
| S' - 15+50.00                       | S' - 17+80.00 | 230         |
| <b>TOTAL</b>                        |               | <b>370</b>  |

SEE SHEET SC-1 FOR REMOVE THERMOPLASTIC TRAFFIC STRIPE.

| REMOVE TEMPORARY PAINT TRAFFIC STRIPE |               |             |
|---------------------------------------|---------------|-------------|
| BEGIN STATION                         | END STATION   | LENGTH (FT) |
| S' - 9+35.00                          | S' - 11+39.00 | 204         |
| S' - 10+00.00                         | S' - 10+75.00 | 77          |
| S' - 15+19.00                         | S' - 16+15.00 | 113         |
| S' - 15+50.00                         | S' - 17+80.00 | 231         |
| <b>TOTAL</b>                          |               | <b>625</b>  |

SEE SHEET SC-1 & SC-2 FOR REMOVE TEMPORARY PAINT TRAFFIC STRIPE.

| REMOVE PAVEMENT MARKERS |               |           |
|-------------------------|---------------|-----------|
| BEGIN STATION           | END STATION   | EA        |
| S' - 9+35.00            | S' - 10+75.00 | 14        |
| S' - 15+50.00           | S' - 17+80.00 | 22        |
| <b>TOTAL</b>            |               | <b>36</b> |

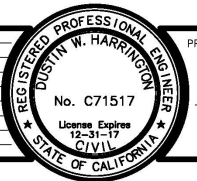
SEE SHEET SC-1 FOR REMOVE PAVEMENT MARKERS.

| PLACE TEMPORARY PAINT TRAFFIC STRIPE |               |             |
|--------------------------------------|---------------|-------------|
| BEGIN STATION                        | END STATION   | LENGTH (FT) |
| S' - 9+35.00                         | S' - 11+39.00 | 204         |
| S' - 10+00.00                        | S' - 10+75.00 | 77          |
| S' - 15+19.00                        | S' - 16+15.00 | 113         |
| S' - 15+50.00                        | S' - 17+80.00 | 231         |
| <b>TOTAL</b>                         |               | <b>625</b>  |

SEE SHEET SC-1 & SC-2 FOR PLACE TEMPORARY PAINT TRAFFIC STRIPE.

PAVEMENT DELINEATION  
 SCALE : 1" = 20'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 License Expires 12-31-17  
 DATE:

DESIGNED: AN  
 DRAWN: AN  
 CHECKED: DH  
 DATE: 11/30/2015  
 ROAD NUMBER: 39



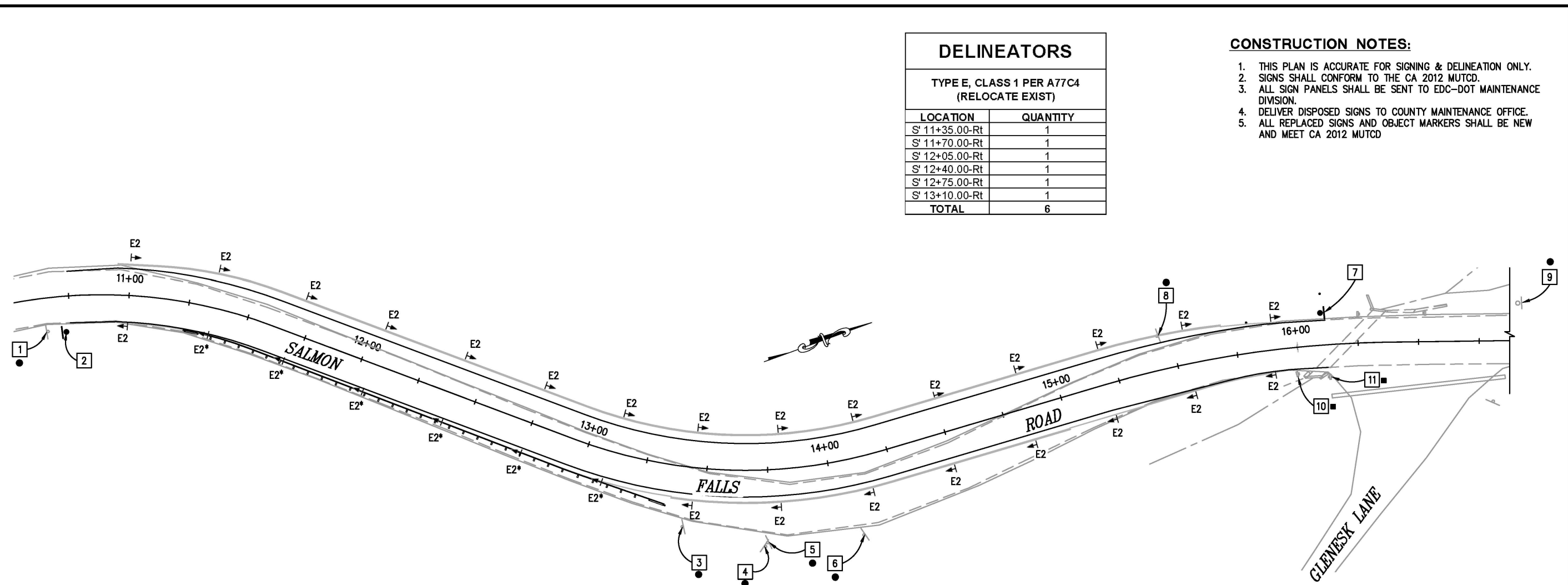
COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION

SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT

SHEET  
 SPD-1  
 10 OF 18  
 W.D. No. 73362



ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Civil\_3D\Projects\73362\_HSP Salmon Falls Road at Glinesk Lane\CADD Files\Sheets\SPD-2.dwg Layout Tab SPD-2 Nov 30 2015 - 3:23pm Arquiven  
 FOR REDUCED PLANS  
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| DELINEATORS                                |          |
|--|----------|
| TYPE E, CLASS 1 PER A77C4 (RELOCATE EXIST) |          |
| LOCATION                                   | QUANTITY |
| S' 11+35.00-Rt                             | 1        |
| S' 11+70.00-Rt                             | 1        |
| S' 12+05.00-Rt                             | 1        |
| S' 12+40.00-Rt                             | 1        |
| S' 12+75.00-Rt                             | 1        |
| S' 13+10.00-Rt                             | 1        |
| <b>TOTAL</b>                               | <b>6</b> |

- CONSTRUCTION NOTES:**
1. THIS PLAN IS ACCURATE FOR SIGNING & DELINEATION ONLY.
  2. SIGNS SHALL CONFORM TO THE CA 2012 MUTCD.
  3. ALL SIGN PANELS SHALL BE SENT TO EDC-DOT MAINTENANCE DIVISION.
  4. DELIVER DISPOSED SIGNS TO COUNTY MAINTENANCE OFFICE.
  5. ALL REPLACED SIGNS AND OBJECT MARKERS SHALL BE NEW AND MEET CA 2012 MUTCD

**LEGEND**

- EXISTING SIGN-ONE POST
  - NEW SIGN-ONE POST
  - REMOVE SIGN
  - REMOVE & REPLACE SIGN
  - No. SIGN NUMBER
  - ▶ DELINEATOR
- E2 = TYPE E, CLASS 1  
 \* = DELINEATOR FASTENED TO MBGR POSTS PER A77C4 (RELOCATE EXISTING-TOTAL 6)

| DELINEATORS              |           |
|--------------------------|-----------|
| TYPE E, CLASS 1 PER A73C |           |
| LOCATION                 | QUANTITY  |
| S' 11+00.00-Lt & Rt      | 2         |
| S' 11+35.00-Lt           | 1         |
| S' 11+70.00-Lt           | 1         |
| S' 12+05.00-Lt           | 1         |
| S' 12+40.00-Lt           | 1         |
| S' 12+75.00-Lt           | 1         |
| S' 13+10.00-Lt           | 1         |
| S' 13+45.00-Lt & Rt      | 2         |
| S' 13+80.00-Lt & Rt      | 2         |
| S' 14+15.00-Lt & Rt      | 2         |
| S' 14+50.00-Lt & Rt      | 2         |
| S' 14+85.00-Lt & Rt      | 2         |
| S' 15+20.00-Lt & Rt      | 2         |
| S' 15+55.00-Lt & Rt      | 2         |
| S' 15+90.00-Lt & Rt      | 2         |
| <b>TOTAL</b>             | <b>24</b> |

| ROADSIDE SIGNS AND OBJECT MARKERS |                                       |                 |               |             |                         |                                 |                  |
|-----------------------------------|---------------------------------------|-----------------|---------------|-------------|-------------------------|---------------------------------|------------------|
| SIGN NO.                          | SIGN                                  | CODE            | ROADSIDE SIGN |             | EXISTING LOCATION       | PROPOSED LOCATION (APPROXIMATE) | REMARKS          |
|                                   |                                       |                 | INSTALL (EA)  | REMOVE (EA) |                         |                                 |                  |
| 1                                 | TURN                                  | W1-1            |               | 1           | S'-10+65.00 - 12.00' Rt |                                 |                  |
|                                   | ADVISORY SPEED                        | W13-1           |               |             |                         |                                 |                  |
| 2                                 | HORIZONTAL ALIGNMENT / ADVISORY SPEED | W1-2(L) & W13-1 | 1             |             |                         | S'-10+70.00 - 14.00' Rt         | 25 MPH           |
| 3                                 | CHEVRON ALIGNMENT                     | W1-8            |               | 1           | S'-13+43.01 - 24.66' Rt |                                 |                  |
| 4                                 | ONE-DIRECTION LARGE ARROW             | W1-6            |               | 1           | S'-13+72.67 - 31.26' Rt |                                 |                  |
|                                   | TYPE 'N-1' MARKER                     |                 |               |             |                         |                                 |                  |
| 5                                 | CHEVRON ALIGNMENT                     | W1-8            |               | 1           | S'-13+74.24 - 29.80' Rt |                                 |                  |
| 6                                 | CHEVRON ALIGNMENT                     | W1-8            |               | 1           | S'-14+08.76 - 31.69' Rt |                                 |                  |
| 7                                 | HORIZONTAL ALIGNMENT / ADVISORY SPEED | W1-2(R) & W13-1 | 1             |             |                         | S'-16+15.00 - 13.00' Lt         | 25 MPH           |
| 8                                 | REVERSE TURN/ADVISORY SPEED           | W4-1 (CA)       |               | 1           | S'-15+44.79 - 13.93' Lt |                                 |                  |
| 9                                 | REVERSE TURN/ADVISORY SPEED           | W1-3 & W13-1    |               | 1           | S'-18+80.00 - 17.5' Lt  |                                 |                  |
| 10                                | TYPE 'P' MARKER                       |                 |               |             | S'-16+00.00 Rt          |                                 | REMOVE & REPLACE |
| 11                                | TYPE 'P' MARKER                       |                 |               |             | S'-16+13.00 Rt          |                                 | REMOVE & REPLACE |
| <b>TOTAL</b>                      |                                       |                 | <b>2</b>      | <b>7</b>    |                         |                                 |                  |

**SIGN PLAN**  
 SCALE : 1" = 20'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DATE:

DESIGNED: AN  
 DRAWN: AN  
 CHECKED: DH  
 DATE: 11/30/2015  
 ROAD NUMBER: 39



**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**SALMON FALLS ROAD SOUTH OF**  
**GLENESK LANE REALIGNMENT**

SHEET  
**SPD-2**  
 11 OF 18  
 W.D. No. **73362**

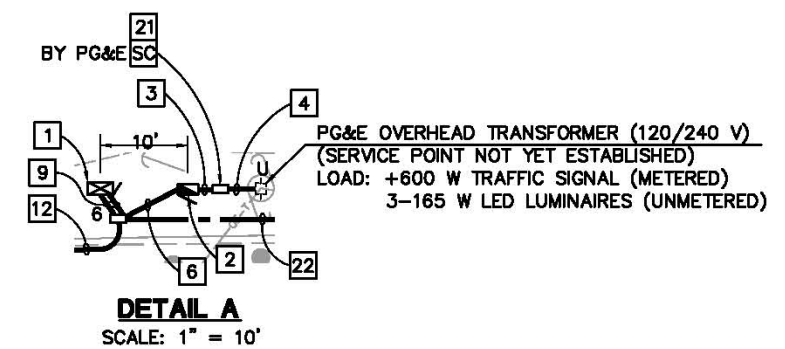




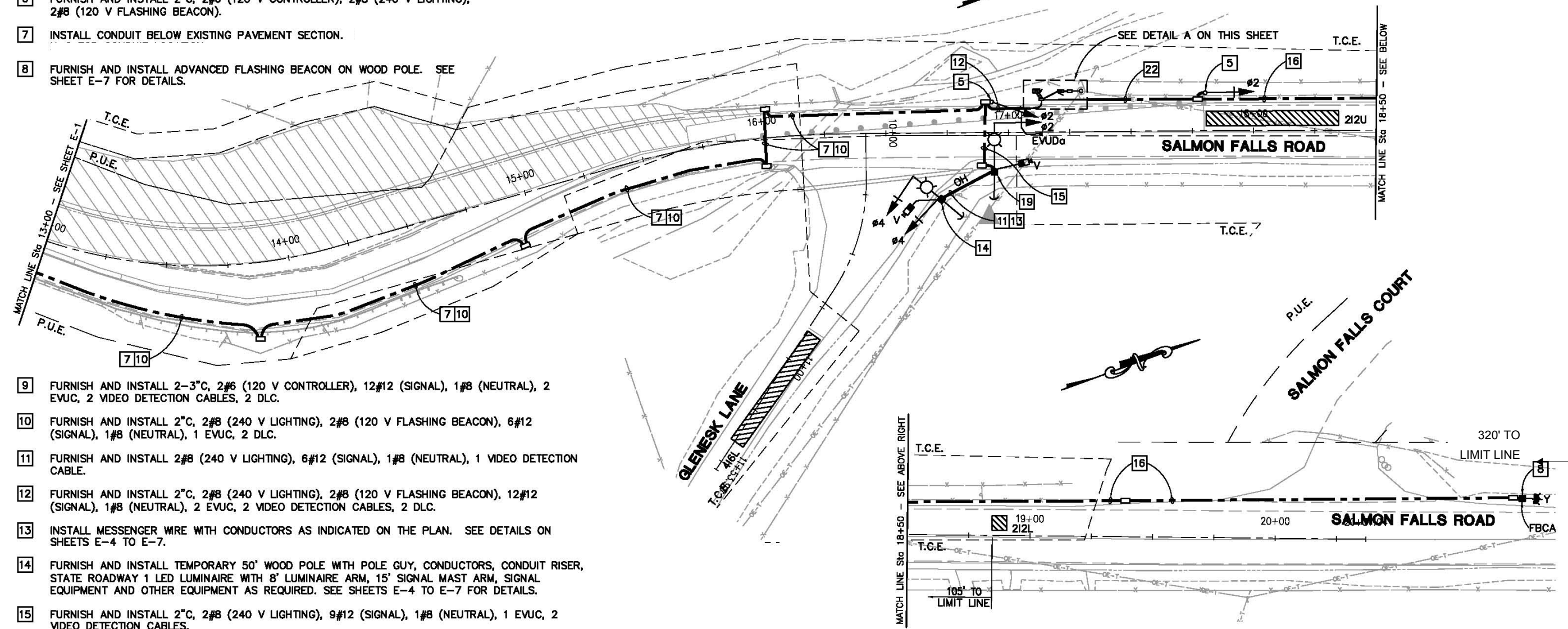
**PROJECT NOTES: (FOR THIS SHEET ONLY)**

- 1 FURNISH AND INSTALL MODEL 2070 CONTROLLER ASSEMBLY WITH MODEL 332 CABINET ON TEMPORARY WOOD PLATFORM. FRONT DOOR OF CONTROLLER CABINET SHALL FACE NORTH. INSTALL LLLD DETECTOR SENSOR UNIT FOR 6J2U AND 6J2L. SEE SHEET E-7 FOR DETAILS.
- 2 FURNISH AND INSTALL TYPE III-AF SERVICE EQUIPMENT ENCLOSURE WITH BBS. DOOR OF SERVICE EQUIPMENT ENCLOSURE SHALL FACE EAST. SEE SHEET E-3 DETAILS FOR SERVICE WIRING DIAGRAM AND CABINET DETAIL.
- 3 FURNISH AND INSTALL 2"C, 3#2 (SERVICE).
- 4 FURNISH AND INSTALL 3"C, MT. CONTACT PG&E FOR SERVICE CONNECTION. TRENCH TO BE INSTALLED PER PG&E REQUIREMENTS.
- 5 FURNISH AND INSTALL TYPE 1-B POLE WITH SIGNAL EQUIPMENT AS SHOWN ON THE PLAN.
- 6 FURNISH AND INSTALL 2"C, 2#6 (120 V CONTROLLER), 2#8 (240 V LIGHTING), 2#8 (120 V FLASHING BEACON).
- 7 INSTALL CONDUIT BELOW EXISTING PAVEMENT SECTION.
- 8 FURNISH AND INSTALL ADVANCED FLASHING BEACON ON WOOD POLE. SEE SHEET E-7 FOR DETAILS.

- 19 FURNISH AND INSTALL TEMPORARY 50' WOOD POLE WITH POLE GUY, CONDUCTORS, CONDUIT RISER, STATE ROADWAY 1 LED LUMINAIRE WITH 8' LUMINAIRE ARM, 20' SIGNAL MAST ARM, SIGNAL EQUIPMENT AND OTHER EQUIPMENT AS REQUIRED. SEE SHEETS E-4 TO E-7 FOR DETAILS.
- 20 FURNISH AND INSTALL TEMPORARY 45' WOOD POLE WITH POLE GUY, CONDUCTORS, CONDUIT RISER, SIGNAL EQUIPMENT AND OTHER EQUIPMENT AS REQUIRED. SEE SHEETS E-4 TO E-7 FOR DETAILS.
- 21 FURNISH AND INSTALL PG&E No. 2 PULL BOX.
- 22 FURNISH AND INSTALL 2"C, 2#8 (120 V FLASHING BEACON), 6#12 (SIGNAL), 1#8 (NEUTRAL).
- 23 FURNISH AND INSTALL 2"C, 2#8 (240 V LIGHTING), 9#12 (SIGNAL), 1#8 (NEUTRAL), 1 EVUC, 2 VIDEO DETECTION CABLES.



ORIGINAL SCALE IS IN INCHES  
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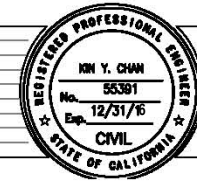
- 9 FURNISH AND INSTALL 2-3"C, 2#6 (120 V CONTROLLER), 12#12 (SIGNAL), 1#8 (NEUTRAL), 2 EVUC, 2 VIDEO DETECTION CABLES, 2 DLC.
- 10 FURNISH AND INSTALL 2"C, 2#8 (240 V LIGHTING), 2#8 (120 V FLASHING BEACON), 6#12 (SIGNAL), 1#8 (NEUTRAL), 1 EVUC, 2 DLC.
- 11 FURNISH AND INSTALL 2#8 (240 V LIGHTING), 6#12 (SIGNAL), 1#8 (NEUTRAL), 1 VIDEO DETECTION CABLE.
- 12 FURNISH AND INSTALL 2"C, 2#8 (240 V LIGHTING), 2#8 (120 V FLASHING BEACON), 12#12 (SIGNAL), 1#8 (NEUTRAL), 2 EVUC, 2 VIDEO DETECTION CABLES, 2 DLC.
- 13 INSTALL MESSENGER WIRE WITH CONDUCTORS AS INDICATED ON THE PLAN. SEE DETAILS ON SHEETS E-4 TO E-7.
- 14 FURNISH AND INSTALL TEMPORARY 50' WOOD POLE WITH POLE GUY, CONDUCTORS, CONDUIT RISER, STATE ROADWAY 1 LED LUMINAIRE WITH 8' LUMINAIRE ARM, 15' SIGNAL MAST ARM, SIGNAL EQUIPMENT AND OTHER EQUIPMENT AS REQUIRED. SEE SHEETS E-4 TO E-7 FOR DETAILS.
- 15 FURNISH AND INSTALL 2"C, 2#8 (240 V LIGHTING), 9#12 (SIGNAL), 1#8 (NEUTRAL), 1 EVUC, 2 VIDEO DETECTION CABLES.
- 16 FURNISH AND INSTALL 2"C, 2#8 (120 V FLASHING BEACON).

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

SPEED: SALMON FALLS ROAD = 30 MPH

TEMPORARY SIGNAL AND LIGHTING  
(STAGES 1 AND 2)  
SCALE: 1" = 20'

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
[Signature]  
REGISTERED CIVIL ENGINEER  
DATE:

DESIGNED: KYC  
DRAWN: MY  
CHECKED: DKY  
DATE: 6/6/2014  
ROAD NUMBER: 000

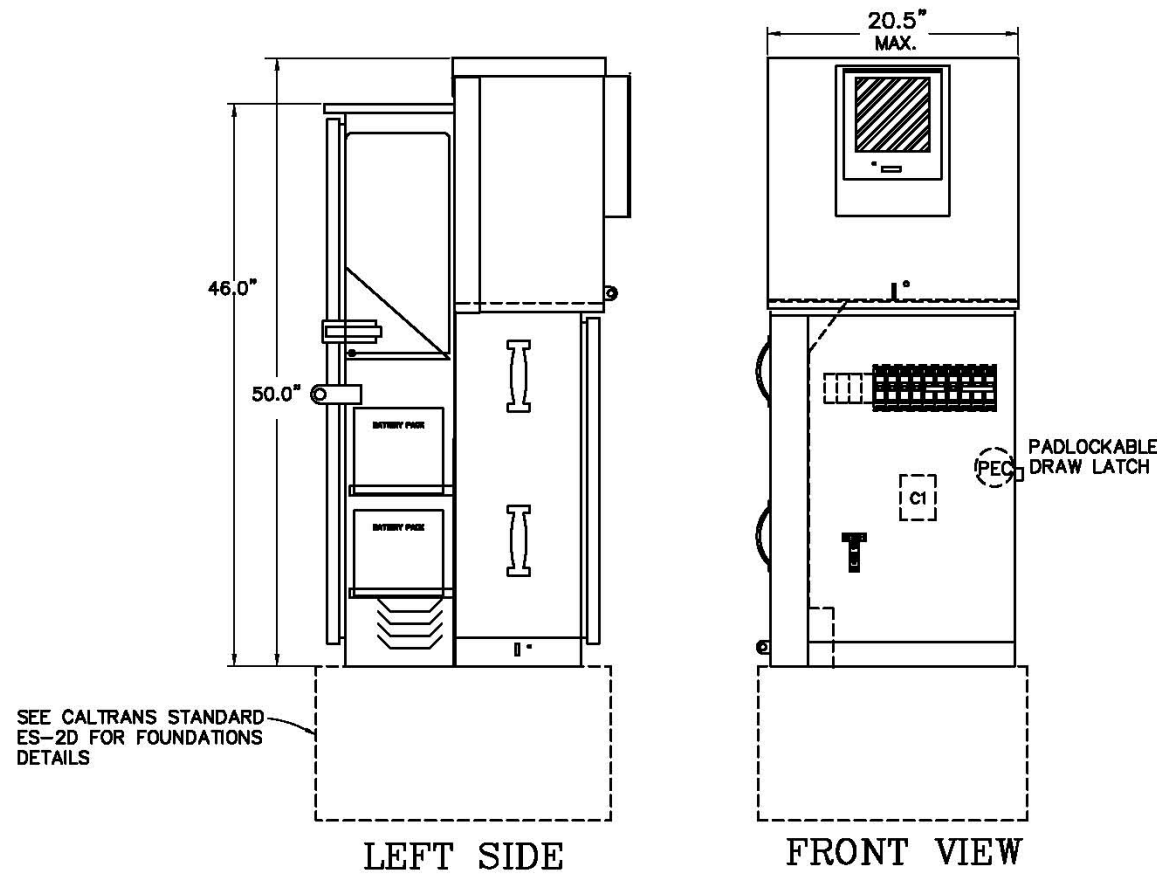


COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
TRANSPORTATION DIVISION

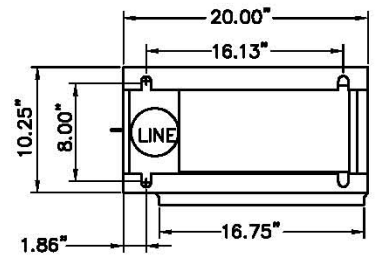
SALMON FALLS ROAD SOUTH OF  
GLENESK LANE REALIGNMENT

SHEET  
E-2  
13 OF 18  
W.D. No. 73362

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Project\2013\79013\Salmon Falls temp signal\790\_E-3 DETAIL.dwg Layout Tab: E-3 Jun 04, 2014 - 4:28pm myong  
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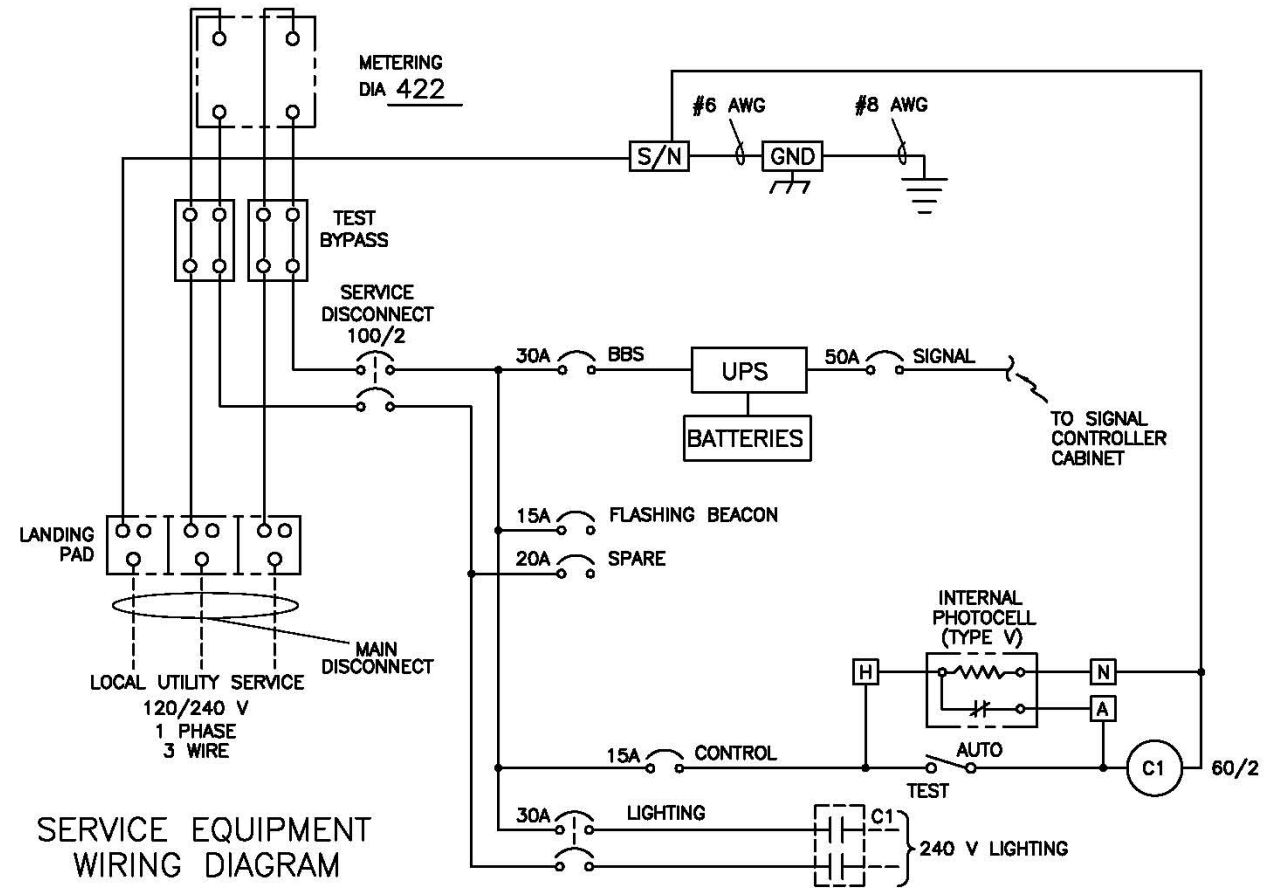


**BBS OPTION:  
WEB SNMP**



**ENCLOSURE CONSTRUCTION NOTES:**

1. EXTERIOR, 1/8" ALUMINUM, AND INTERIOR 14 GA COLD ROLLED STEEL ELECTRICALLY WELDED AND REINFORCED WHERE REQUIRED.
2. CONSTRUCTION WILL BE NEMA 3R, RAIN TIGHT.
3. ALL NUTS, BOLTS AND SCREWS WILL BE STAINLESS STEEL.
4. NUTS, BOLTS & SCREWS WILL NOT BE VISIBLE FROM OUTSIDE OF ENCLOSURE.
5. NAMEPLATES WILL BE PROVIDED AS REQUIRED.
6. CONTROL WIRING WILL BE MARKED AT BOTH ENDS BY PERMANENT WIRE MARKERS.
7. A PLASTIC COVERED WIRING DIAGRAM WILL BE ATTACHED TO THE INSIDE OF THE FRONT DOOR.
8. ENCLOSURE WILL BE FACTORY WIRED AND CONFORM TO REQUIRED NEMA AND UL 508A STANDARDS.
9. ANODIZE AFTER FABRICATION.



NOTE: LOAD CURRENT FOR ALL BREAKER NOT TO EXCEED 80% OF BREAKER AMPERAGE

**ABBREVIATIONS:**

- BBS BATTERY BACKUP SYSTEM
- GND GROUND
- S/N SOLID NEUTRAL
- UPS UNINTERRUPTIBLE POWER SUPPLY
- A AUXILIARY
- H HOT
- N NEUTRAL
- C1 CONTACTOR

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

**ELECTRICAL DETAILS  
NO SCALE**

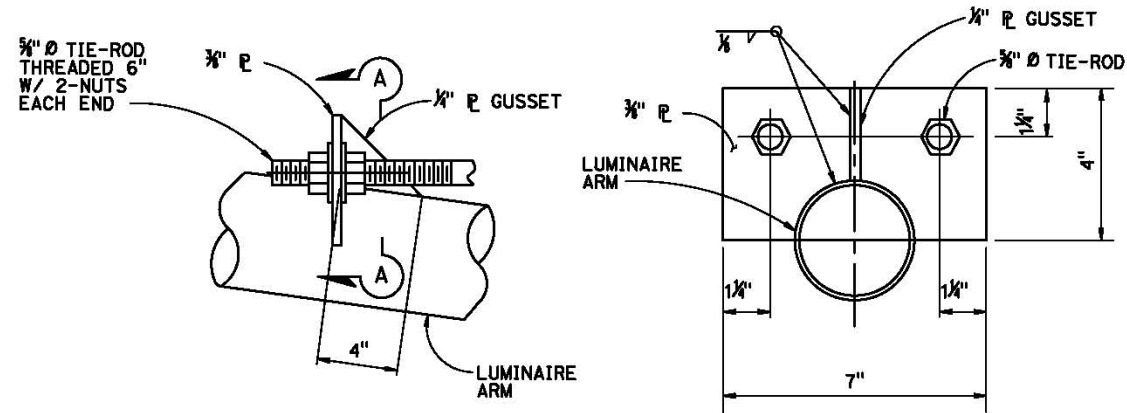
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| REVISION<br>NUMBER DATE DESCRIPTION BY |  | PREPARED UNDER THE SUPERVISION OF: | DESIGNED: KYC<br>CHECKED: DKY<br>ROAD NUMBER: 000 | DRAWN: MY<br>DATE: 6/6/2014 |  | <b>COUNTY OF EL DORADO<br/>COMMUNITY DEVELOPMENT AGENCY<br/>TRANSPORTATION DIVISION</b> | <b>SALMON FALLS ROAD SOUTH OF<br/>GLENESK LANE REALIGNMENT</b> | SHEET<br><b>E-3</b><br>14 OF 18<br>W.O. No. 73362 |
|  |  | REGISTERED CIVIL ENGINEER          | DATE:   | 000                         |  |   |  | 73362   |





**NOTE:**

THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



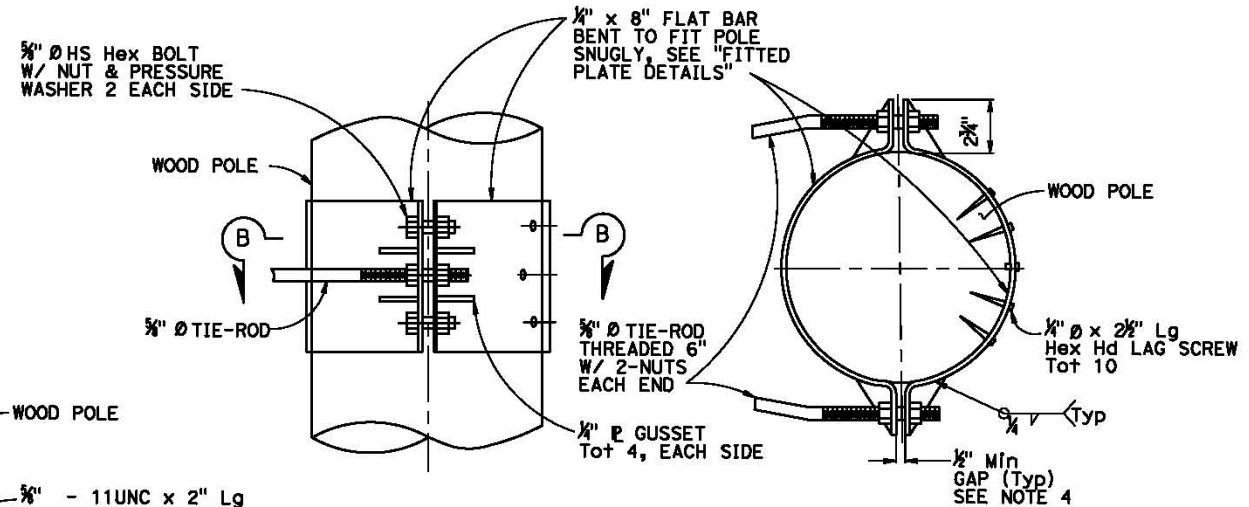
ELEVATION

SECTION A-A

TIE-ROD DETAIL No. 1

**NOTES:**

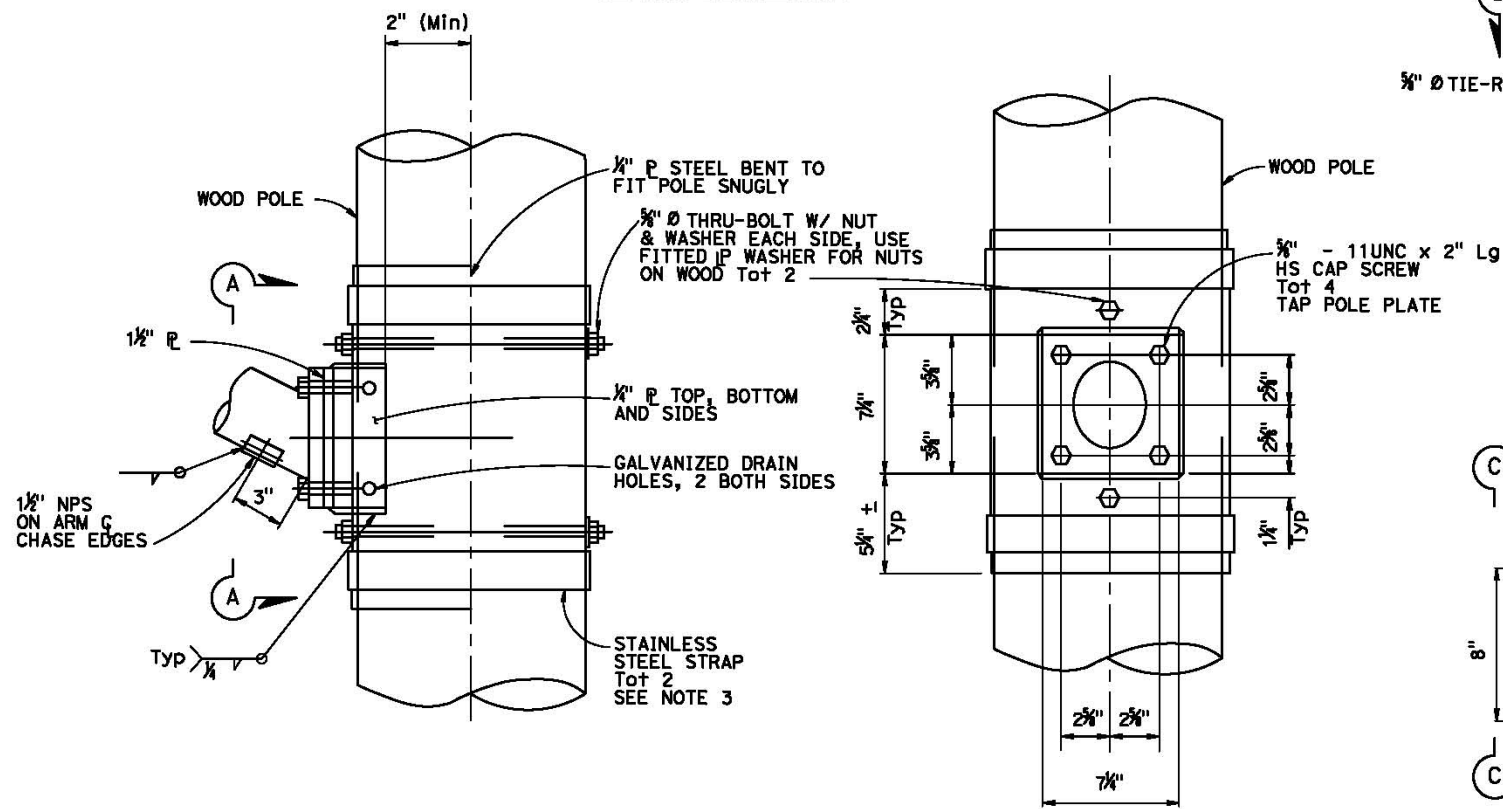
1. ALL HARDWARE AND STEEL SHALL BE GALVANIZED AFTER FABRICATION.
2. ARM BASE CONNECTION DETAILS SHALL BE IN COMPLIANCE WITH STANDARD PLANS DETAIL SHEET ES-6D WITH NOTED MODIFICATIONS.
3. 2000 lb Min CAPACITY STRAP SYSTEM SHALL BE USED FOR TOP AND BOTTOM OF PLATE.
4. THE CONTRACTOR TO VERIFY POLE DIMENSIONS AT TIE-ROD ATTACHMENT HEIGHT. FABRICATE 8" FLAT BAR WITH "L" DIMENSION TO MAINTAIN AN OPEN GAP BETWEEN ENCASEMENT IN FINISHED INSTALLATION.



ELEVATION

SECTION B-B

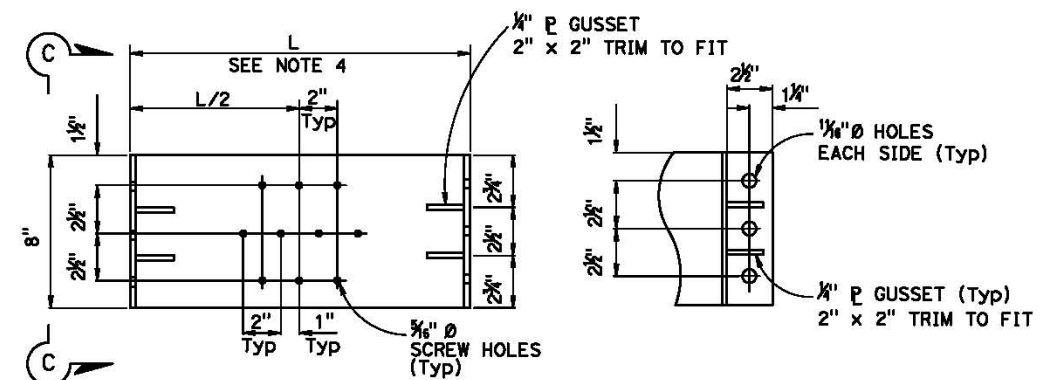
TIE-ROD DETAIL No. 2



ELEVATION

VIEW A-A

ARM CONNECTION DETAILS



ELEVATION

SECTION C-C

FITTED PLATE DETAILS

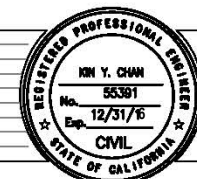
NOTE: 2 REQUIRED (1 W/ SCREW HOLES, 1 WITHOUT)

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ELECTRICAL DETAILS  
NO SCALE

ORIGINAL SCALE IS IN INCHES  
Drawing name: C:\Project\2013\79013 Salmon Falls temp signal\790\_E-5 DETAIL.dwg Layout Tab: E-5 Jun 04, 2014 - 4:31pm myang

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
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|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
**KIN Y. CHAN**  
No. 55391  
Exp. 12/31/16  
REGISTERED CIVIL ENGINEER  
DATE:

DESIGNED: KYC  
DRAWN: MY  
CHECKED: DKY  
DATE: 6/6/2014  
ROAD NUMBER: 000



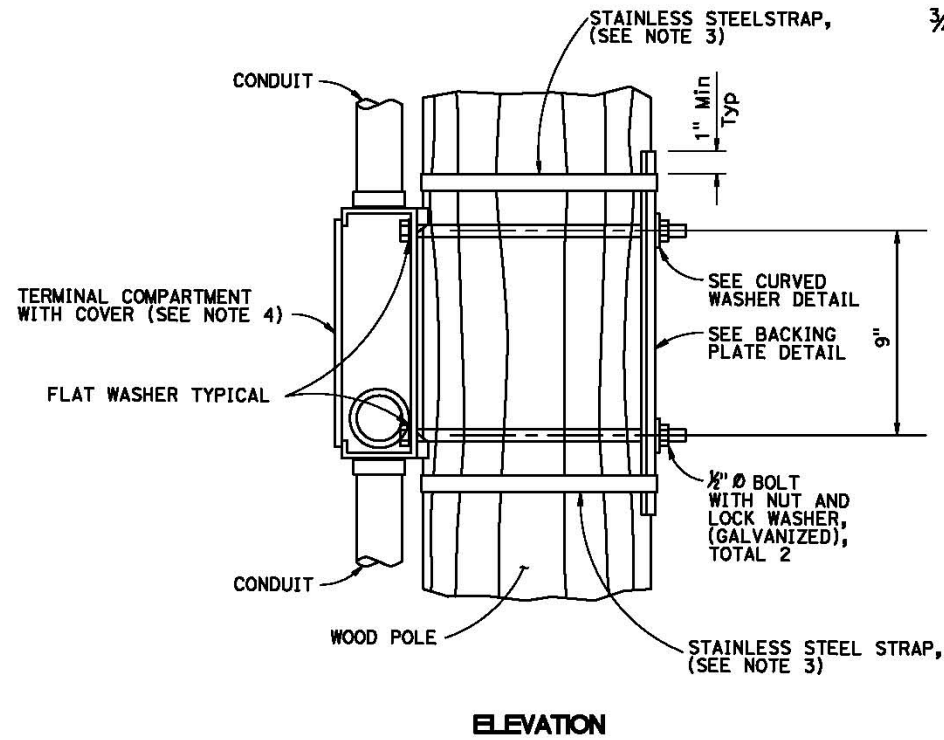
COUNTY OF EL DORADO  
COMMUNITY DEVELOPMENT AGENCY  
TRANSPORTATION DIVISION

SALMON FALLS ROAD SOUTH OF  
GLENESK LANE REALIGNMENT

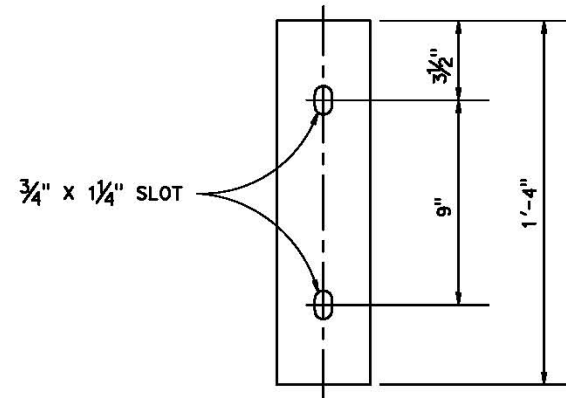
SHEET  
**E-5**  
16 OF 18  
W.O. No. **73362**



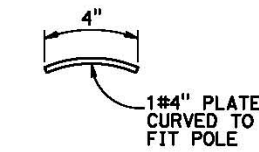
**NOTE**  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



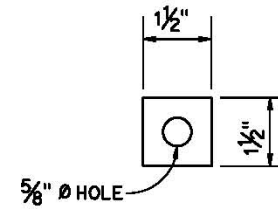
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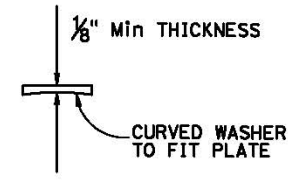
**ELEVATION**



**PLAN  
 BACKING PLATE  
 DETAIL**



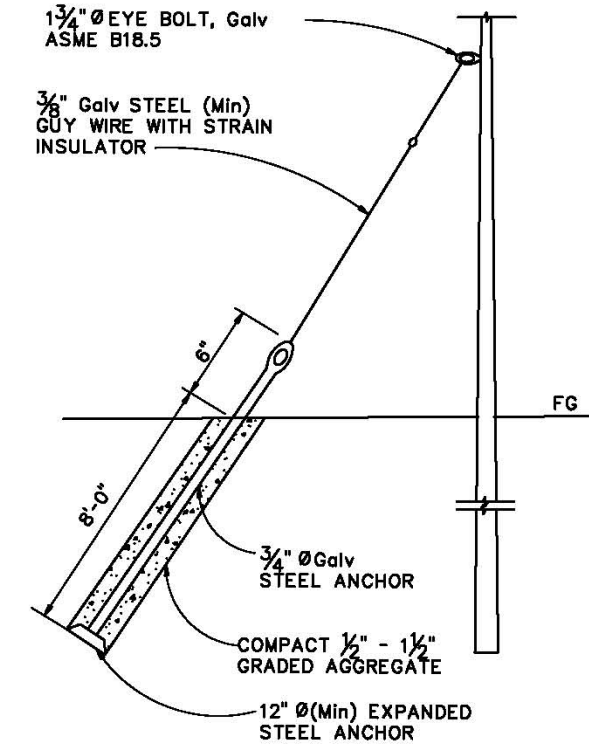
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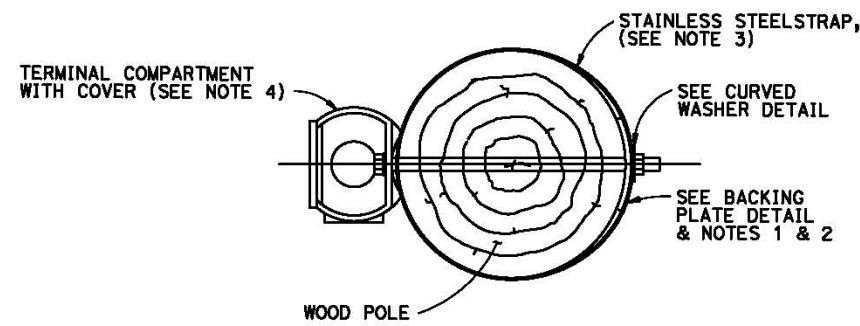
**PLAN  
 CURVED WASHER  
 DETAIL**

**NOTES:**

1. THE CONTRACTOR TO VERIFY POLE DIMENSIONS AT TERMINAL COMPARTMENT FOR FABRICATION OF BACKING PLATE AND CURVED WASHER.
2. BACKING PLATE TO BE GALVANIZED AFTER FABRICATION.
3. 3/4" x 0.044" MINIMUM, ROUNDED EDGE STAINLESS STEEL STRAPS, DOUBLE-WRAPPED WITH 2" LONG BEND UNDER STAINLESS STEEL STRAP BUCKLE.
4. FOR DETAILS NOT SHOWN SEE STANDARD PLAN ES-4D.

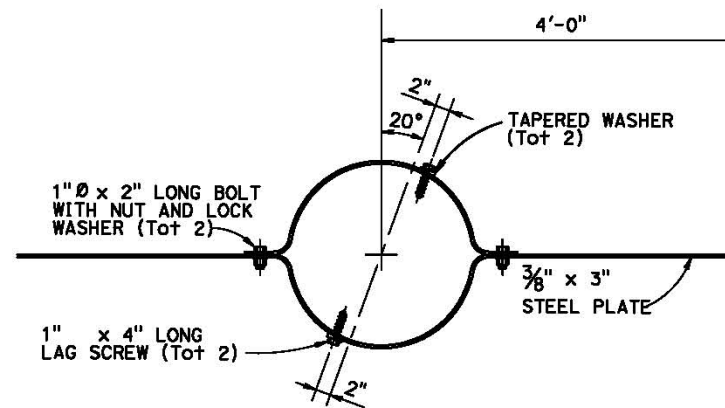


**GUY WIRE INSTALLATION DETAIL**



**SECTION A-A**

**SIDE MOUNTING  
 TERMINAL COMPARTMENT**  
 FOR DETAILS NOT SHOWN SEE RSP ES-4D SHEET



**WIND ANCHOR DETAIL**  
 TO BE INSTALLED PERPENDICULAR TO MAST  
 ARM AND 2'-0" MINIMUM BELOW GRADE

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

**ELECTRICAL DETAILS  
 NO SCALE**

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Project\2013\79013 Salmon Falls temp signal\790\_E-6 DETAIL.dwg Layout Tab: E-6 Jun 04, 2014 - 4:32pm myony

FOR REDUCED PLANS  
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|----------|--------|------|-------------|----|
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|          |        |      |             |    |



PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: KYC  
 DRAWN: MY  
 CHECKED: DKY  
 DATE: 6/6/2014  
 ROAD NUMBER: 000

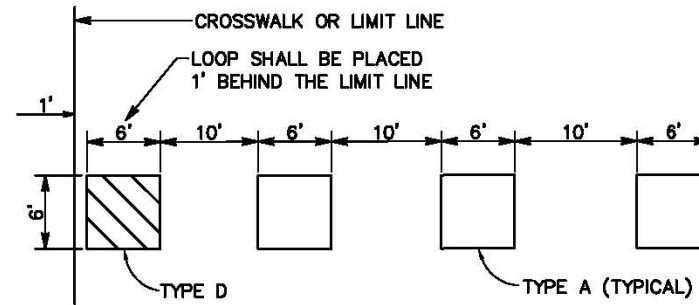


**COUNTY OF EL DORADO  
 COMMUNITY DEVELOPMENT AGENCY  
 TRANSPORTATION DIVISION**

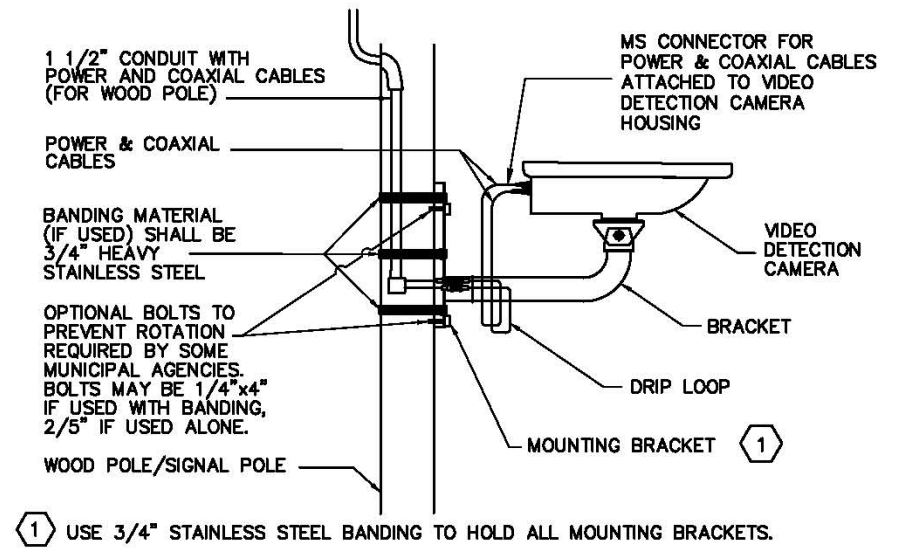
**SALMON FALLS ROAD SOUTH OF  
 GLENESK LANE REALIGNMENT**

SHEET  
**E-6**  
 17 OF 18  
 W.O. No. **73362**

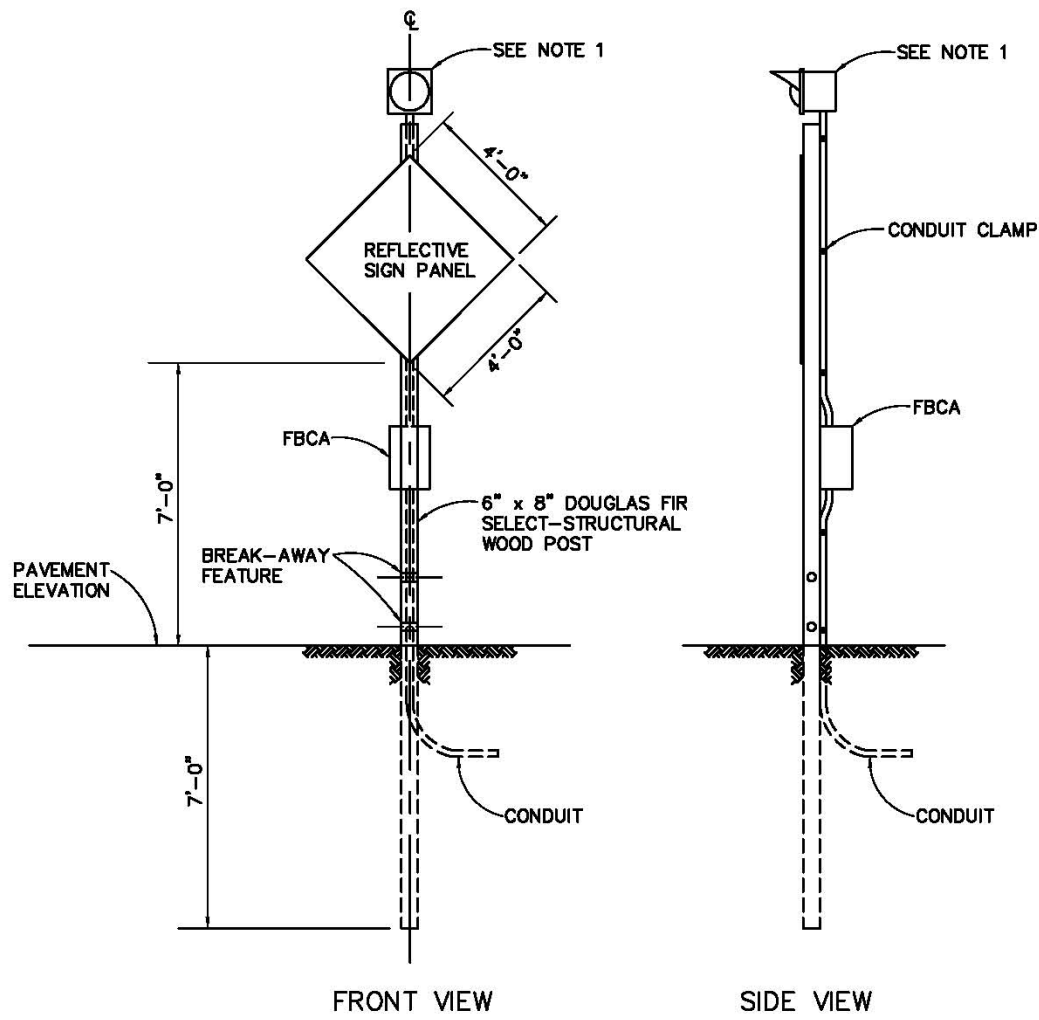
**NOTE:**  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



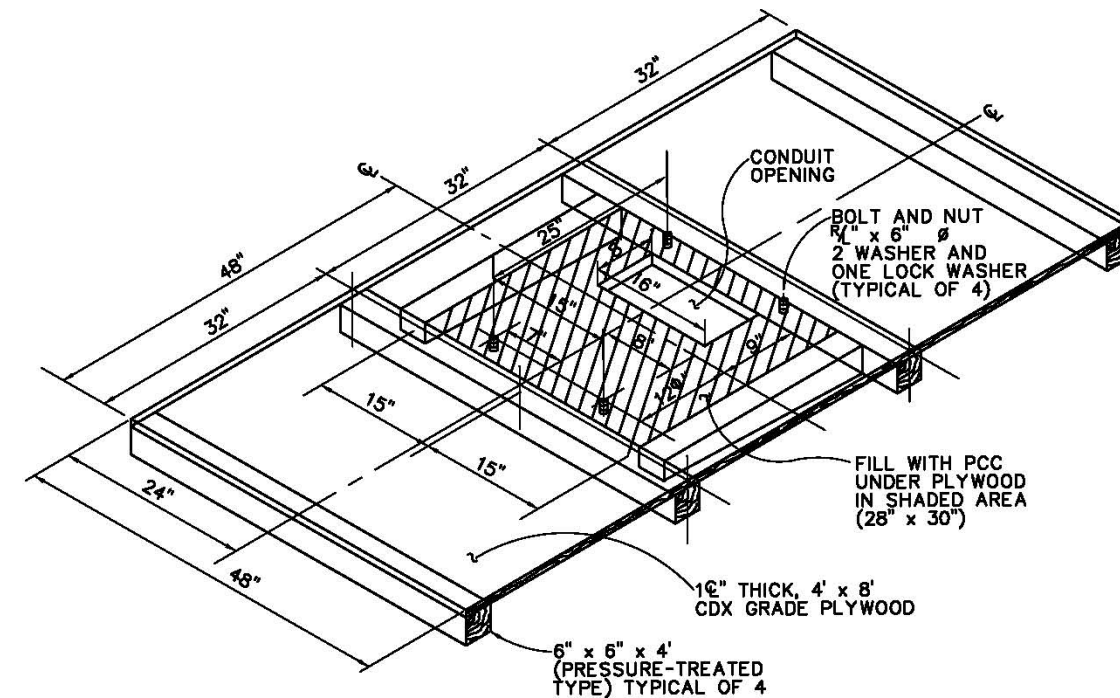
**LOOP LAYOUT DETAIL**



**VIDEO DETECTION CAMERA INSTALLATION DETAIL**  
 NO SCALE



**FRONT VIEW**  
**SIDE VIEW**  
**FLASHING BEACON ASSEMBLY ON WOOD POST**



**TEMPORARY WOOD FOUNDATION FOR TYPE 332 CABINET**

**ELECTRICAL DETAILS**  
 NO SCALE

ORIGINAL SCALE IS IN INCHES  
 Drawing name: C:\Project\2013\79013 Salmon Falls temp signal\790\_E-7 DETAIL.dwg Layout Tab: E-7 Jun 04, 2014 - 4:32pm myony  
 FOR REDUCED PLANS  
 2  
 1  
 0

| REVISION | NUMBER | DATE | DESCRIPTION | BY |
|----------|--------|------|-------------|----|
|          |        |      |             |    |
|          |        |      |             |    |
|          |        |      |             |    |



THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

PREPARED UNDER THE SUPERVISION OF:  
 [Signature]  
 REGISTERED CIVIL ENGINEER  
 DATE: \_\_\_\_\_

DESIGNED: KYC  
 DRAWN: MY  
 CHECKED: DKY  
 DATE: 6/6/2014  
 ROAD NUMBER: 000



**COUNTY OF EL DORADO**  
**COMMUNITY DEVELOPMENT AGENCY**  
**TRANSPORTATION DIVISION**

**SALMON FALLS ROAD SOUTH OF**  
**GLENESK LANE REALIGNMENT**

SHEET  
**E-7**  
 18 OF 18  
 W.O. No. **73362**