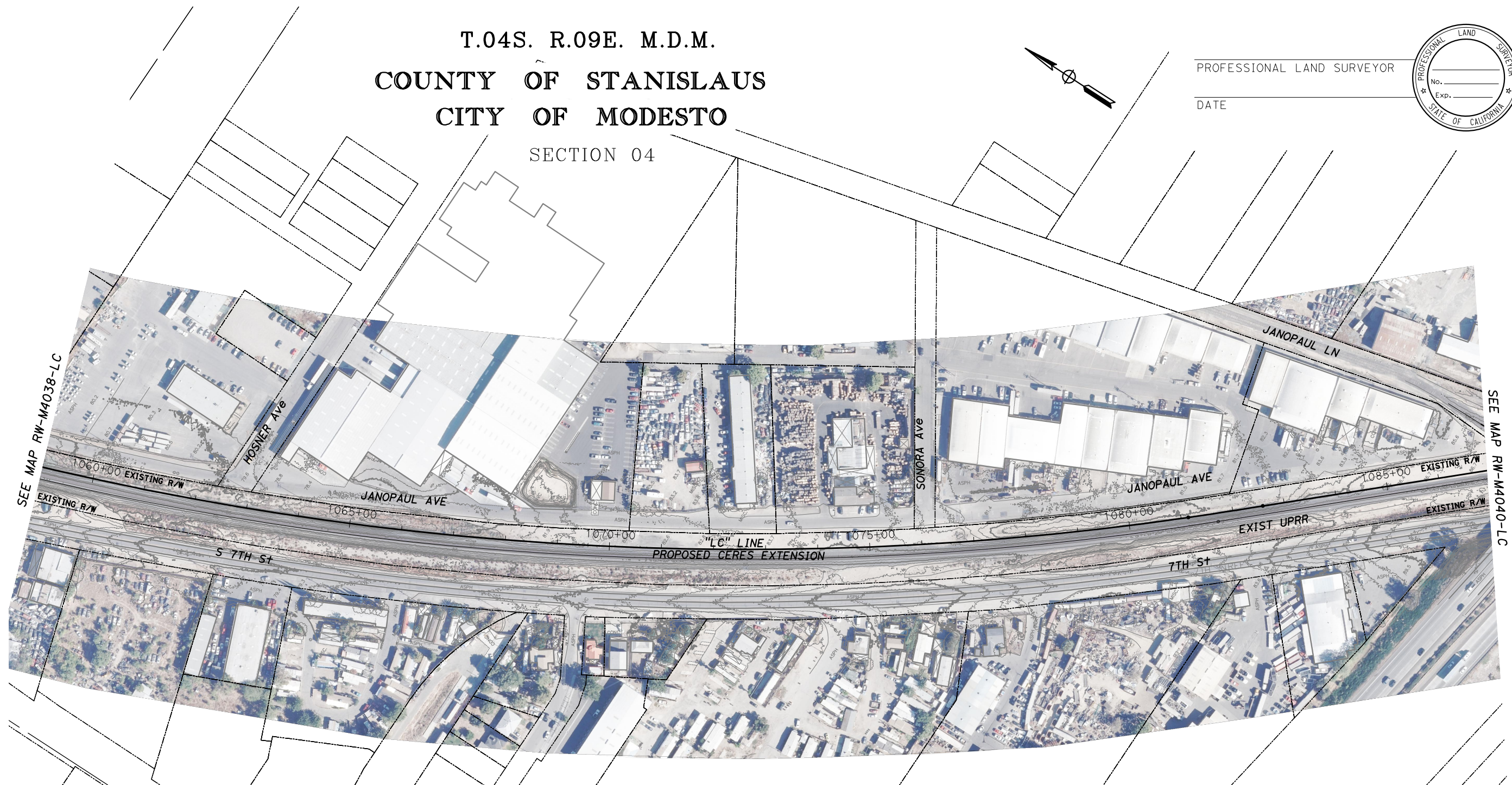


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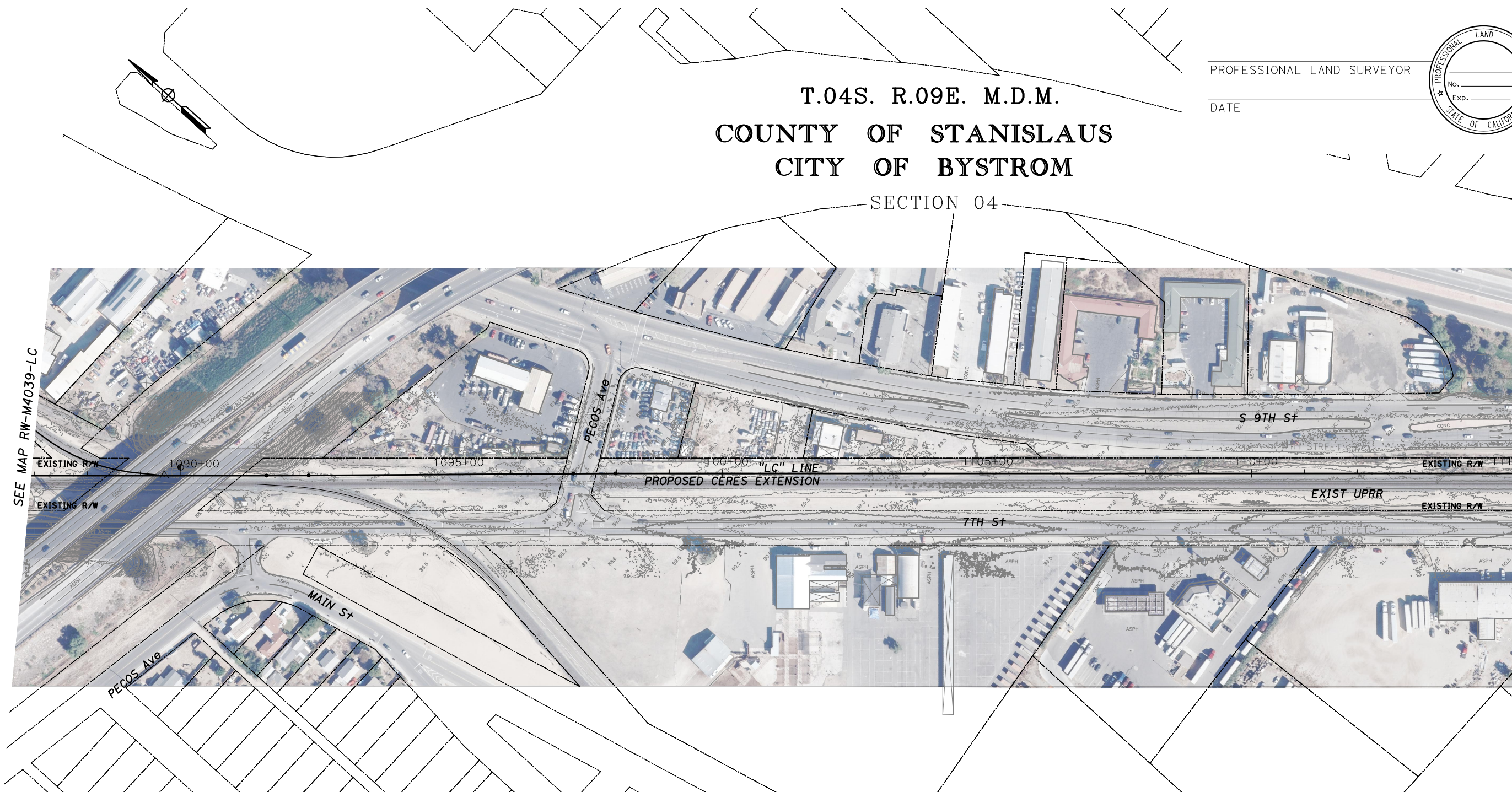
[illegible]

| GRANTOR NOTES |                                                                                                                                                                                                                                                                                                                        |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ①             | Areas shown exclude underlying fee in the adjoining public way.<br>Ac=Access                                                                                                                                                                                                                                           |
| ②             | Indicates Underlying Fee (UF) Area<br>Indicates Indeterminate UF<br>TITLE CODE =<br>A=Access Rights Only<br>F=Fee<br>E=Easement (Ease)<br>T=Temp Construction (see Remarks)<br>T=Other Temp Ease (see Remarks)<br>O=Other (see Remarks)                                                                                |
| ③             | TYPE:<br>G=Grant deed<br>ED=Easement deed<br>OC=Quitclaim<br>DD=Director's deed<br>DE=Director's easement deed<br>DC=Director's quitclaim deed<br>FOC=Final Order of Condemnation<br>HE=Highway easement deed<br>REL=Relinquishment<br>VAC=Vacation<br>JUA=Joint use agreement<br>CCUA=Consent to common use agreement |
|               | ④ document or Instrument number                                                                                                                                                                                                                                                                                        |

| NOTES                                                                                                                                                                                                               |                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| COORDINATES, BEARINGS AND DISTANCES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4 EPOCH 2007.0. DISTANCES ARE U.S. SURVEY FEET UNLESS OTHERWISE NOTED. DISTANCES AND STATIONING ARE GRID DISTANCES. |                                                           |
| MULTIPLY DISTANCES BY 1.00006895 TO OBTAIN GRID LEVEL DISTANCES.                                                                                                                                                    |                                                           |
| LEGEND                                                                                                                                                                                                              |                                                           |
|                                                                                                                                | Access Prohibited                                         |
|                                                                                                                                | Access Superseaded                                        |
|                                                                                                                                | Existing R/W Superseaded                                  |
|                                                                                                                                | Access Opening (Private)                                  |
|                                                                                                                                | Indicates Total Distance                                  |
|                                                                                                                                | Indicates Found Monument as noted                         |
|                                                                                                                                | Indicates calculated point. (Does not imply monument set) |
|                                                                                                                                | Title to State                                            |
|                                                                                                                                | Required for Others                                       |

|                                                                                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                        |                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <p><b>SAN JOAQUIN REGIONAL RAIL COMMISSION</b></p> <p><b>ALTAMONT CORRIDOR EXPRESS</b></p>                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <p><b>ACEforward VOLUME 1 - CERES EXTENSION</b></p> <p><b>RIGHT OF WAY MAP</b></p> <p><b>RW-M4039-LC</b></p>                                  |           |                                                                                                                                                                                                                                                                                                                                                                                        |                  |
|  <p>FEET    0       50       100       200       300</p> |           |                                                                                                                                                                                                                                                                                                                                                                                        |                  |
| <p><b>AECOM</b></p> <p>Technical Services, Inc.</p> <p>2020 L Street, Suite 300<br/>Sacramento, CA 95811</p>                                  |           | <div style="text-align: center;">  <p>SAN JOAQUIN<br/>REGIONAL<br/>RAIL COMMISSION</p> </div> <div style="text-align: center; margin-top: 20px;">  <p><b>ACE</b></p> <p>ALTAMONT CORRIDOR EXPRESS</p> </div> |                  |
| <b>ENV. ALT. CODE</b>                                                                                                                         | <b>PM</b> | <b>DWG No.</b>                                                                                                                                                                                                                                                                                                                                                                         | <b>SHEET NO.</b> |
|                                                                                                                                               |           | <b>RW-M4039-LC</b>                                                                                                                                                                                                                                                                                                                                                                     | <b>326</b>       |
| <b>TOTAL SHEETS</b>                                                                                                                           |           | <b>331</b>                                                                                                                                                                                                                                                                                                                                                                             |                  |



[illegible]

**PRELIMINARY - SUBJECT TO CHANGE**

[illegible]

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                |             |                                                                                                                                                                                                                                                                                                                         |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| <b>GRANTOR NOTES</b><br>① Areas shown exclude underlying fee in the adjoining public way.<br>A=acres<br>[U] Indicates Underlying Fee (UF) Area<br>[I] Indicates Indeterminate UF<br>② TITLE CODES:<br>A=Access Rights Only<br>F=Fee<br>E=Easement (Ease)<br>TC=Temp Construction Eas.<br>T=Other Temp Eas. (see Remarks)<br>O=Other (see Remarks)<br>③ TYPE:<br>GO=Grant deed<br>ED=Easement deed<br>OC=Quitclaim<br>DD=Director's deed<br>DE=Director's easement deed<br>DK=Director's quitclaim deed<br>FOC=Final Order of Condemnation<br>HE=Highway easement deed<br>REL=Relinquishment<br>VAC=Vacation<br>JUA=Joint use agreement<br>CCUA=Consent to common use agreement<br>Document or Instrument number |  | <b>NOTES</b><br>COORDINATES, BEARINGS AND DISTANCES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4 EPOCH 2007.0. DISTANCES ARE U.S. SURVEY FEET UNLESS OTHERWISE NOTED. DISTANCES AND STATIONING ARE GRID DISTANCES.<br>MULTIPLY DISTANCES BY 1.00006895 TO OBTAIN GROUND LEVEL DISTANCES.<br><b>LEGEND</b><br> |             | <b>SAN JOAQUIN REGIONAL RAIL COMMISSION</b><br><b>ALTAMONT CORRIDOR EXPRESS</b><br><b>ACEforward VOLUME 1 - CERES EXTENSION</b><br><b>RIGHT OF WAY MAP</b><br><b>RW-M4040-LC</b><br><br><br>Technical Services, Inc.<br>2020 L Street, Suite 300<br>Sacramento, CA 95811<br><br><b>ACE</b><br>ALTAMONT CORRIDOR EXPRESS |              |
| ENV. ALT. CODE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | PM                                                                                                                                                                                                                                                                                                                             | DWG NO.     | SHEET NO.                                                                                                                                                                                                                                                                                                               | TOTAL SHEETS |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                                                                                                                                                                                | RW-M4040-LC | 327                                                                                                                                                                                                                                                                                                                     | 331          |

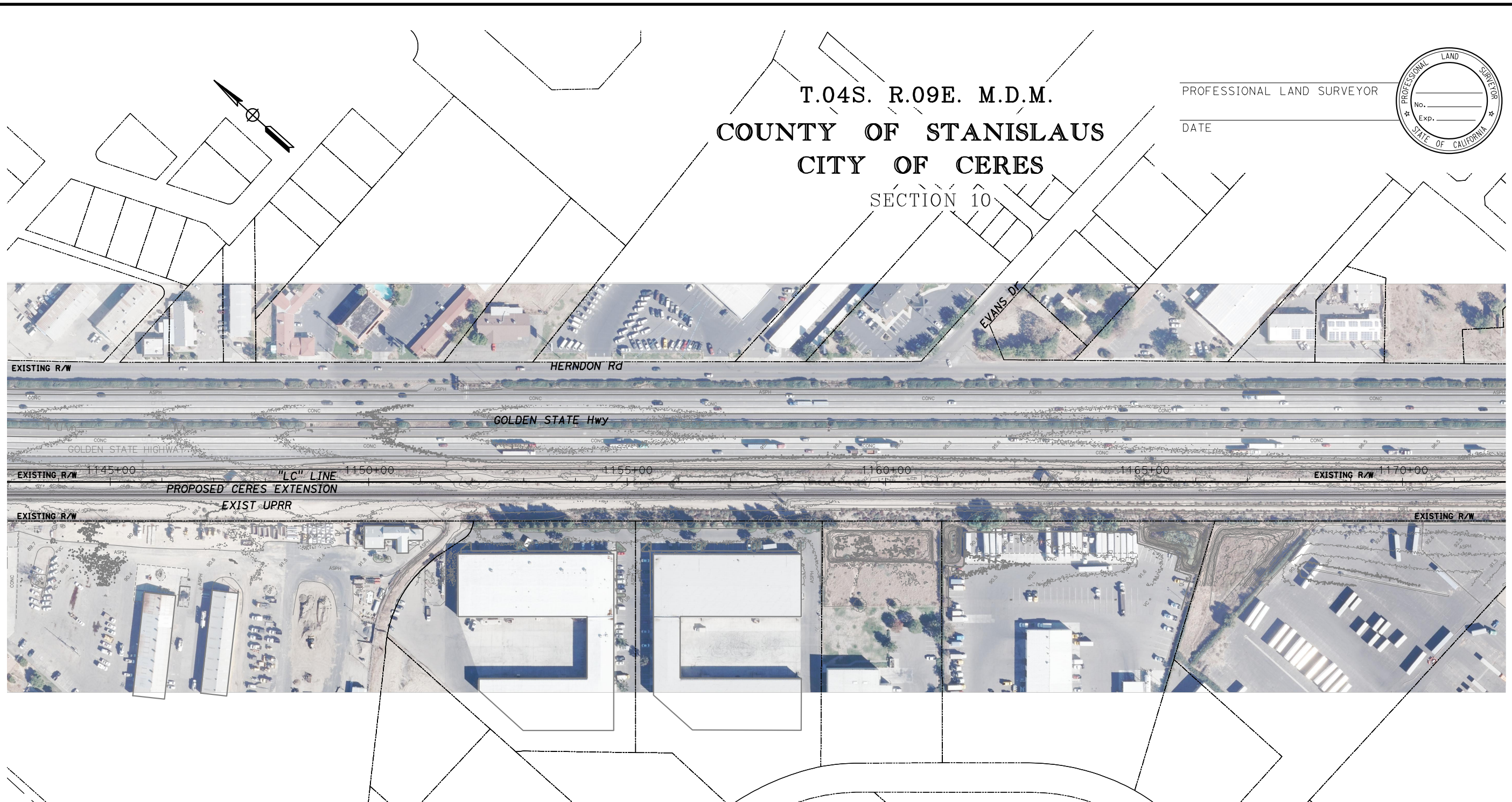






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SEE MAP RW-M4041-LC



SEE MAP RW-M4043-LC

**PRELIMINARY - SUBJECT TO CHANGE**

[illegible]

|               |                                                                 |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|---------------|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------------------------------------------------------------------------|------------------|
| GRANTOR NOTES |                                                                 | NOTES                                                                                                                                                                                                               |    | SAN JOAQUIN REGIONAL RAIL COMMISSION<br>ALTAMONT CORRIDOR EXPRESS                     |                  |
| ①             | Areas shown exclude underlying fee in the adjoining public way. | COORDINATES, BEARINGS AND DISTANCES ARE BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4 EPOCH 2007.0. DISTANCES ARE U.S. SURVEY FEET UNLESS OTHERWISE NOTED. DISTANCES AND STATIONING ARE GRID DISTANCES. |    | ACEforward VOLUME 1 - CERES EXTENSION                                                 |                  |
| ②             | Indicates Underlying Fee (UF) Area                              |                                                                                                                                                                                                                     |    | RIGHT OF WAY MAP                                                                      |                  |
|               | Indicates indeterminate UF                                      |                                                                                                                                                                                                                     |    | RW-M4042-LC                                                                           |                  |
|               | TITLE CODES:                                                    |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | A=Access Rights Only                                            |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | F=Fee                                                           | MULTIPLY DISTANCES BY 1.00006895 TO OBTAIN GROUND LEVEL DISTANCES.                                                                                                                                                  |    |                                                                                       |                  |
|               | E=Easement (Ease)                                               |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | TCE=Temp Construction Ease                                      |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | T=Temp Temp Ease (see Remarks)                                  |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | O=Other (see Remarks)                                           |                                                                                                                                                                                                                     |    |                                                                                       |                  |
| ③             | TYPE:                                                           | LEGEND                                                                                                                                                                                                              |    | 0 50 100 200 300<br>FEET                                                              |                  |
|               | GD=Grant deed                                                   | Access Prohibited                                                                                                                                                                                                   |    |                                                                                       |                  |
|               | ED=Easement deed                                                | Access Superseded                                                                                                                                                                                                   |    |                                                                                       |                  |
|               | QC=Quitclaim                                                    | Existing R/W Superseded                                                                                                                                                                                             |    |                                                                                       |                  |
|               | DD=Director's deed                                              | Access Opening (Private)                                                                                                                                                                                            |    |                                                                                       |                  |
|               | DE=Director's easement deed                                     | (T) Indicates Total Distance                                                                                                                                                                                        |    |                                                                                       |                  |
|               | DK=Director's quitclaim deed                                    | ● Indicates Found Monument as noted                                                                                                                                                                                 |    |                                                                                       |                  |
|               | FOC=Final Order of Condemnation                                 | ● Indicates calculated point. (Does not imply monument set)                                                                                                                                                         |    |                                                                                       |                  |
|               | HE=Highway easement deed                                        |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | REL=Relinquishment                                              |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | VAC=Vacation                                                    |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | JUA=Joint use agreement                                         |                                                                                                                                                                                                                     |    |                                                                                       |                  |
|               | CCUA=Consent to common use agreement                            | Title to State                                                                                                                                                                                                      |    |                                                                                       |                  |
|               |                                                                 | Required for Others                                                                                                                                                                                                 |    |                                                                                       |                  |
|               |                                                                 |                                                                                                                                                                                                                     |    | AECOM<br>Technical Services, Inc.<br>2020 L Street, Suite 300<br>Sacramento, CA 95811 |                  |
|               |                                                                 |                                                                                                                                                                                                                     |    | SAN JOAQUIN REGIONAL RAIL COMMISSION                                                  |                  |
|               |                                                                 |                                                                                                                                                                                                                     |    | ACE<br>ALTAMONT CORRIDOR EXPRESS                                                      |                  |
|               |                                                                 | ENV. ALT. CODE                                                                                                                                                                                                      | PM | DWG No.<br>RW-M4042-LC                                                                | SHEET No.<br>329 |
|               |                                                                 |                                                                                                                                                                                                                     |    | TOTAL SHEETS<br>331                                                                   |                  |







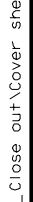
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| SHEET NO.       | DRAWING NO. | DRAWING TITLE<br>LINE 4           | DRAWING TITLE<br>LINE 5 | DRAWING TITLE<br>LINE 6        |
|-----------------|-------------|-----------------------------------|-------------------------|--------------------------------|
| GENERAL         |             |                                   |                         |                                |
| 1               | GE-A0001    | VOLUME 2                          | INDEX OF DRAWINGS       | SHEET 1 OF 5                   |
| 2               | GE-A0002    | VOLUME 2                          | INDEX OF DRAWINGS       | SHEET 2 OF 5                   |
| 3               | GE-A0003    | VOLUME 2                          | INDEX OF DRAWINGS       | SHEET 3 OF 5                   |
| 4               | GE-A0004    | VOLUME 2                          | INDEX OF DRAWINGS       | SHEET 4 OF 5                   |
| 5               | GE-A0005    | VOLUME 2                          | INDEX OF DRAWINGS       | SHEET 5 OF 5                   |
| TRACK ALIGNMENT |             |                                   |                         |                                |
| 6               | TT-B0001-CM | CERES TO MERCED - TRACK ALIGNMENT | KEY MAP                 | STA. 245+40 TO STA. 935+00     |
| 7               | TT-B0002-CM | CERES TO MERCED - TRACK ALIGNMENT | KEY MAP                 | STA. 935+00 TO STA. 1831+00    |
| 8               | TT-B0003-CM | CERES TO MERCED - TRACK ALIGNMENT | KEY MAP                 | STA. 1831+00 TO STA.2032+84.74 |
| 9               | TT-D0001-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 1 OF 7                   |
| 10              | TT-D0002-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 2 OF 7                   |
| 11              | TT-D0003-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 3 OF 7                   |
| 12              | TT-D0004-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 4 OF 7                   |
| 13              | TT-D0005-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 5 OF 7                   |
| 14              | TT-D0006-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 6 OF 7                   |
| 15              | TT-D0007-CM | CERES TO MERCED - TRACK ALIGNMENT | TYPICAL SECTIONS        | SHEET 7 OF 7                   |
| 16              | TT-D1001-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 245+40 TO STA. 263+00     |
| 17              | TT-D1002-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 263+00 TO STA. 319+00     |
| 18              | TT-D1003-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 319+00 TO STA. 375+00     |
| 19              | TT-D1004-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 375+00 TO STA. 431+00     |
| 20              | TT-D1005-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 431+00 TO STA. 487+00     |
| 21              | TT-D1006-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 487+00 TO STA. 543+00     |
| 22              | TT-D1007-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 543+00 TO STA. 599+00     |
| 23              | TT-D1008-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 599+00 TO STA. 655+00     |
| 24              | TT-D1009-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 655+00 TO STA.711+00      |
| 25              | TT-D1010-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 711+00 TO STA. 767+00     |
| 26              | TT-D1011-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 767+00 TO STA. 823+00     |
| 27              | TT-D1012-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 823+00 TO STA. 879+00     |
| 28              | TT-D1013-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 879+00 TO STA. 935+00     |
| 29              | TT-D1014-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 935+00 TO STA. 991+00     |
| 30              | TT-D1015-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 991+00 TO STA. 1047+00    |
| 31              | TT-D1016-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1047+00 TO STA. 1103+00   |
| 32              | TT-D1017-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1103+00 TO STA. 1159+00   |
| 33              | TT-D1018-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1159+00 TO STA. 1215+00   |
| 34              | TT-D1019-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1215+00 TO STA. 1271+00   |
| 35              | TT-D1020-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1271+00 TO STA. 1327+00   |
| 36              | TT-D1021-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1327+00 TO STA. 1383+00   |
| 37              | TT-D1022-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1383+00 TO STA. 1439+00   |
| 38              | TT-D1023-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1439+00 TO STA. 1495+00   |
| 39              | TT-D1024-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1495+00 TO STA. 1551+00   |
| 40              | TT-D1025-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1551+00 TO STA. 1607+00   |
| 41              | TT-D1026-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1607+00 TO STA. 1663+00   |
| 42              | TT-D1027-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1663+00 TO STA. 1719+00   |
| 43              | TT-D1028-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1719+00 TO STA. 1775+00   |
| 44              | TT-D1029-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1775+00 TO STA. 1831+00   |
| 45              | TT-D1030-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1831+00 TO STA. 1887+00   |
| 46              | TT-D1031-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE        | STA. 1887+00 TO STA. 1943+00   |

NOT FOR CONSTRUCTION

|     |      |    |     |     |                        |                                                                                                          |                         |                                                                                       |                                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                      |                                |
|-----|------|----|-----|-----|------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|     |      |    |     |     |                        | DESIGNED BY<br>A. SHIELDS                                                                                | TRANSPORTATION          |  |  <div>SAN JOAQUIN<br/>REGIONAL<br/>RAIL COMMISSION</div> |  <div>ACE<br/>ALTAMONT CORRIDOR EXPRESS</div> | <div>SAN JOAQUIN REGIONAL RAIL COMMISSION<br/>ALTAMONT CORRIDOR EXPRESS<br/>ACE <i>forward</i> VOLUME 2 - MERCED EXTENSION<br/>VOLUME 2<br/>INDEX OF DRAWINGS<br/>SHEET 1 OF 5</div> | ENVIRONMENTAL ALTERNATIVE CODE |
|     |      |    |     |     | DRAWN BY<br>A. SHIELDS | <b>AECOM</b>                                                                                             | DRAWING NO.<br>GE-A0001 |                                                                                       |                                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                      |                                |
|     |      |    |     |     | CHECKED BY<br>A. BOONE | <b>AECOM USA, Inc.</b><br>1333 Broadway, Suite 800<br>Oakland, CA 94612<br>T 510.893.3600 F 510.874.3268 | SCALE<br>AS SHOWN       |                                                                                       |                                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                      |                                |
|     |      |    |     |     | IN CHARGE<br>D. COWIN  | www.aecom.com                                                                                            | SHEET NO.<br>1 OF 235   |                                                                                       |                                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                      |                                |
| REV | DATE | BY | CHK | APP | DESCRIPTION            | DATE<br>02-28-2018                                                                                       |                         |                                                                                       |                                                                                                                                               |                                                                                                                                    |                                                                                                                                                                                      |                                |



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| SHEET NO.  | DRAWING NO. | DRAWING TITLE<br>LINE 4           | DRAWING TITLE<br>LINE 5                 | DRAWING TITLE<br>LINE 6                         |
|------------|-------------|-----------------------------------|-----------------------------------------|-------------------------------------------------|
| 47         | TT-D1032-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE                        | STA. 1943+00 TO STA. 1999+00                    |
| 48         | TT-D1033-CM | CERES TO MERCED - TRACK ALIGNMENT | PLAN AND PROFILE                        | STA. 1999+00 TO STA. 2032+88.74                 |
| 49         | CV-I1001-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA. 245+40 TO STA. 263+00                      |
| 50         | CV-I1002-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA. 263+00 TO STA. 375+00                      |
| 51         | CV-I1003-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA. 375+00 TO STA. 487+00                      |
| 52         | CV-I1004-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA. 487+00 TO STA. 599+00                      |
| 53         | CV-I1005-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.599+00 TO STA. 711+00                       |
| 54         | CV-I1006-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.711+00 TO STA. 823+00                       |
| 55         | CV-I1007-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.823+00 TO STA.935+00                        |
| 56         | CV-I1008-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.935+00 TO STA. 1047+00                      |
| 57         | CV-I1009-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1047+00 TO STA. 1159+00                     |
| 58         | CV-I1010-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1159+00 TO STA. 1271+00                     |
| 59         | CV-I1011-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1271+00 TO STA. 1383+00                     |
| 60         | CV-I1012-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1383+00 TO STA. 1495+00                     |
| 61         | CV-I1013-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1495+00 TO STA. 1607+00                     |
| 62         | CV-I1014-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1607+00 TO STA. 1719+00                     |
| 63         | CV-I1015-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1719+00 TO STA. 1831+00                     |
| 64         | CV-I1016-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1831+00 TO STA. 1943+00                     |
| 65         | CV-I1017-CM | CERES TO MERCED - TRACK ALIGNMENT | TEMPORARY CONSTRUCTION EASEMENT PLAN    | STA.1943+00 TO STA. 2032+84.74                  |
| STRUCTURES |             |                                   |                                         |                                                 |
| 66         | ST-B0014-CM | CERES TO MERCED - STRUCTURES      | CULVERT TABLE                           |                                                 |
| 67         | ST-G1546-CM | CERES TO MERCED - STRUCTURES      | PINE STREET OH (38-0074)                | MODIFICATIONS AT MP 117.43 - GENERAL PLAN       |
| 68         | ST-G1548-CM | CERES TO MERCED - STRUCTURES      | SERVICE ROAD OH (38-0094)               | MODIFICATIONS AT MP 118.14 - GENERAL PLAN       |
| 69         | ST-G1550-CM | CERES TO MERCED - STRUCTURES      | FAITH HOME ROAD OH (38-0151)            | MODIFICATIONS AT MP 120.10 - GENERAL PLAN       |
| 70         | ST-G1552-CM | CERES TO MERCED - STRUCTURES      | KEYES ROAD OH (38-0156Y)                | MODIFICATIONS AT MP 121.30 - GENERAL PLAN       |
| 71         | ST-G1554-CM | CERES TO MERCED - STRUCTURES      | SR-99 NORTH TURLOCK OH L&R (38-0144L&R) | MODIFICATIONS AT MP 122.53 - GENERAL PLAN       |
| 72         | ST-G1558-CM | CERES TO MERCED - STRUCTURES      | WEST BRADBURY ROAD OH (39C0043)         | MODIFICATIONS AT MP 130.30 - GENERAL PLAN       |
| 73         | ST-G1560-CM | CERES TO MERCED - STRUCTURES      | SHANK ROAD OH (39C0053)                 | MODIFICATIONS AT MP 131.45 - GENERAL PLAN       |
| 74         | ST-G1562-CM | CERES TO MERCED - STRUCTURES      | SOUTH AVENUE OH (39C0042)               | MODIFICATIONS AT MP 132.42 - GENERAL PLAN       |
| 75         | ST-G1564-CM | CERES TO MERCED - STRUCTURES      | HAMMATT AVENUE OH (39C0356)             | MODIFICATIONS AT MP 136.85 - GENERAL PLAN       |
| 76         | ST-G1568-CM | CERES TO MERCED - STRUCTURES      | WESTSIDE BOULEVARD OH (39-0231)         | MODIFICATIONS AT MP 140.64 - GENERAL PLAN       |
| 77         | ST-G1570-CM | CERES TO MERCED - STRUCTURES      | SR-99 WEST ATWATER OH (39-0128L&R)      | MODIFICATIONS AT MP 142.27 - GENERAL PLAN       |
| 78         | ST-G1572-CM | CERES TO MERCED - STRUCTURES      | SR-99 EAST ATWATER OH (39-0126R&L)      | MODIFICATIONS AT MP 144.02 - GENERAL PLAN       |
| 79         | ST-G1576-CM | CERES TO MERCED - STRUCTURES      | FRANKLIN ROAD OH (39-0084)              | MODIFICATIONS AT MP 147.13 - GENERAL PLAN       |
| 80         | ST-G1578-CM | CERES TO MERCED - STRUCTURES      | SR-99 WEST MERCED OH (39-0230)          | MODIFICATIONS AT MP 149.01 - GENERAL PLAN       |
| 81         | ST-K1542-CM | CERES TO MERCED - STRUCTURES      | MERCED RIVER BRIDGE AT MP 134.64        | GENERAL PLAN                                    |
| 82         | ST-K1544-CM | CERES TO MERCED - STRUCTURES      | SR-99 EAST LIVINGSTON UP AT MP 135.93   | GENERAL PLAN                                    |
| 83         | ST-K1546-CM | CERES TO MERCED - STRUCTURES      | CANAL CREEK BRIDGE AT MP 145.57         | GENERAL PLAN                                    |
| 84         | ST-K1548-CM | CERES TO MERCED - STRUCTURES      | WEBER CANAL BRIDGE AT MP 146.13         | GENERAL PLAN                                    |
| 85         | ST-K1550-CM | CERES TO MERCED - STRUCTURES      | IRRIGATION CANAL BRIDGE AT MP 147.05    | GENERAL PLAN                                    |
| 86         | ST-K1552-CM | CERES TO MERCED - STRUCTURES      | CROSS-SWALE DRAINAGE BRIDGE AT 148.16   | GENERAL PLAN                                    |
| 87         | ST-K1554-CM | CERES TO MERCED - STRUCTURES      | BLACK RASCAL CANAL BRIDGE AT MP 148.33  | GENERAL PLAN                                    |
| 88         | ST-K1556-CM | CERES TO MERCED - STRUCTURES      | BEAR CREEK BRIDGE AT MP 149.41          | GENERAL PLAN                                    |
| ROADWAY    |             |                                   |                                         |                                                 |
| 89         | CV-B0001-CM | CERES TO MERCED - ROADWAYS        | KEY MAP                                 | SHEET 1 OF 3                                    |
| 90         | CV-B0002-CM | CERES TO MERCED - ROADWAYS        | KEY MAP                                 | SHEET 2 OF 3                                    |
| 91         | CV-B0003-CM | CERES TO MERCED - ROADWAYS        | KEY MAP                                 | SHEET 3 OF 3                                    |
| 92         | CV-T1001-CM | CERES TO MERCED - ROADWAYS        | AT-GRADE CROSSING IMPROVEMENTS          | ALTA VISTA Rd - FRESNO SUBDIVISION MP 122.2     |
| 93         | CV-T1002-CM | CERES TO MERCED - ROADWAYS        | AT-GRADE CROSSING IMPROVEMENTS          | W MONTE VISTA Ave - FRESNO SUBDMVISION MP 123.5 |

NOT FOR CONSTRUCTION

|     |      |    |     |     |             |                           |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                    |                                |
|-----|------|----|-----|-----|-------------|---------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|     |      |    |     |     |             | DESIGNED BY<br>A. SHIELDS | TRANSPORTATION                                                                                           | <div><br/><b>AECOM</b></div> <div><br/>SAN JOAQUIN<br/>REGIONAL<br/>RAIL COMMISSION</div> <div><br/><b>ACE</b><br/>ALTAMONT CORRIDOR EXPRESS</div> <div><b>15% PRELIMINARY ENGINEERING</b></div> | <div><b>SAN JOAQUIN REGIONAL RAIL COMMISSION</b><br/><b>ALTAMONT CORRIDOR EXPRESS</b><br/><i>ACE forward</i> VOLUME 2 - MERCED EXTENSION<br/>VOLUME 2<br/>INDEX OF DRAWINGS<br/>SHEET 2 OF 5</div> | ENVIRONMENTAL ALTERNATIVE CODE |
|     |      |    |     |     |             | DRAWN BY<br>A. SHIELDS    | <b>AECOM USA, Inc.</b><br>1333 Broadway, Suite 800<br>Oakland, CA 94612<br>T 510.893.3600 F 510.874.3268 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                    | DRAWING NO.<br>GE-A0002        |
|     |      |    |     |     |             | CHECKED BY<br>D. HARTMAN  |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                    | SCALE<br>AS SHOWN              |
|     |      |    |     |     |             | IN CHARGE<br>D. COWIN     |                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                    | SHEET NO.<br>2 OF 235          |
| REV | DATE | BY | CHK | APP | DESCRIPTION | DATE<br>02-28-2018        | www.aecom.com                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                    |                                |



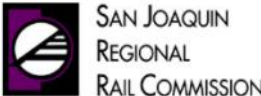
|                                                                                                          |  |             |  |                             |  |     |  |     |                                |                           |  |                         |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
|----------------------------------------------------------------------------------------------------------|--|-------------|--|-----------------------------|--|-----|--|-----|--------------------------------|---------------------------|--|-------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--------------------------------|--|
| 3/19/2018 9:01:09 AM p:\60433262-ACE\900-Work\910-CAD\007_RAIL\20-SHEET\15-General\Volume 2\GE-A0003.dgn |  |             |  |                             |  |     |  |     |                                |                           |  |                         |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| SHEET NO.                                                                                                |  | DRAWING NO. |  | DRAWING TITLE LINE 4        |  |     |  |     | DRAWING TITLE LINE 5           |                           |  |                         |  | DRAWING TITLE LINE 6                                                                                                                                                                 |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 94                                                                                                       |  | CV-T1003-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | W TUOLUMNE Rd - FRESNO SUBDIVISION MP 124.2                                                                                                                                          |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 95                                                                                                       |  | CV-T1004-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | FULKERTH Rd-FRESNO SUBDIVISION MP 125.2                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 97                                                                                                       |  | CV-T1005-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | NORTH FRONT St-FRESNO SUBDIVISION MP125.3                                                                                                                                            |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 98                                                                                                       |  | CV-T1006-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | W CANAL Dr - FRESNO SUBDIVISION MP 125.5                                                                                                                                             |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 99                                                                                                       |  | CV-T1007-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | N OLIVE Ave - FRESNO SUBDIVISION MP 126                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 100                                                                                                      |  | CV-T1008-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | E MAIN St - FRESNO SUBDIVISION MP 126.1                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 101                                                                                                      |  | CV-T1009-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | MARSHALL St - FRESNO SUBDIVISION MP 126.2                                                                                                                                            |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 102                                                                                                      |  | CV-T1010-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | EAST F St - FRESNO SUBDIVISION MP 126.6                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 103                                                                                                      |  | CV-T1011-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | GOLF Rd - FRESNO SUBDIVISION MP 127.4                                                                                                                                                |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 104                                                                                                      |  | CV-T1012-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | SOUTH DAUBENBERGER Rd - FRESNO SUBDIVISION MP 128.2                                                                                                                                  |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 105                                                                                                      |  | CV-T1013-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | GRIFFITH Rd - FRESNO SUBDIVISION MP 129                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 106                                                                                                      |  | CV-T1014-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | EL CAPITAN Way - FRESNO SUBDIVISION MP 131.8                                                                                                                                         |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 107                                                                                                      |  | CV-T1015-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | COLLIER Rd - FRESNO SUBDIVISION MP 134.0                                                                                                                                             |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 108                                                                                                      |  | CV-T1016-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | N PACIFIC Ave - FRESNO SUBDIVISION MP 134.9                                                                                                                                          |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 109                                                                                                      |  | CV-T1017-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | MAIN St - FRESNO SUBDIVISION MP 136.2                                                                                                                                                |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 110                                                                                                      |  | CV-T1018-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | BERT CRANE Rd NORTH - FRESNO SUBDIVISION MP 141.5                                                                                                                                    |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 111                                                                                                      |  | CV-T1019-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | APPLEGATE Rd - FRESNO SUBDIVISION MP 142.8                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 112                                                                                                      |  | CV-T1020-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | PACKER St - FRESNO SUBDIVISION MP 143.2                                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 113                                                                                                      |  | CV-T1021-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | SHAFFER Rd - FRESNO SUBDIVISION MP 143.7                                                                                                                                             |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 114                                                                                                      |  | CV-T1022-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | SP Ave - FRESNO SUBDIVISION MP 148.5                                                                                                                                                 |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 115                                                                                                      |  | CV-T1023-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | SOUTHERN PACIFIC Ave - FRESNO SUBDIVISION MP 148.6                                                                                                                                   |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 116                                                                                                      |  | CV-T1024-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | PRIVATE Rd - FRESNO SUBDIVISION MP 149.2                                                                                                                                             |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 117                                                                                                      |  | CV-T1025-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | V St - FRESNO SUBDIVISION MP 149.8                                                                                                                                                   |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 118                                                                                                      |  | CV-T1026-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | R St - FRESNO SUBDIVISION MP 150.1                                                                                                                                                   |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 119                                                                                                      |  | CV-T1027-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | O St - FRESNO SUBDIVISION MP 150.4                                                                                                                                                   |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 120                                                                                                      |  | CV-T1028-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | M St - FRESNO SUBDIVISION MP 150.6                                                                                                                                                   |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 121                                                                                                      |  | CV-T1029-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | CANAL St - FRESNO SUBDIVISION MP 150.7                                                                                                                                               |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 122                                                                                                      |  | CV-T1030-CM |  | CERES TO MERCED - ROADWAYS  |  |     |  |     | AT-GRADE CROSSING IMPROVEMENTS |                           |  |                         |  | MARTIN LUTHER KING JR Way - FRESNO SUBDIVISION MP 150.9                                                                                                                              |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| UTILITES                                                                                                 |  |             |  |                             |  |     |  |     |                                |                           |  |                         |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 123                                                                                                      |  | UT-C1001-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 245+40 TO STA. 263+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 124                                                                                                      |  | UT-C1002-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 263+00 TO STA. 319+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 125                                                                                                      |  | UT-C1003-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 319+00 TO STA. 375+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 126                                                                                                      |  | UT-C1004-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 375+00 TO STA. 431+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 127                                                                                                      |  | UT-C1005-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 431+00 TO STA. 487+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 128                                                                                                      |  | UT-C1006-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 487+00 TO STA. 543+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 129                                                                                                      |  | UT-C1007-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 543+00 TO STA. 599+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 130                                                                                                      |  | UT-C1008-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 599+00 TO STA. 655+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 131                                                                                                      |  | UT-C1009-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 655+00 TO STA. 711+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 132                                                                                                      |  | UT-C1010-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 711+00 TO STA. 767+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 133                                                                                                      |  | UT-C1011-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 767+00 TO STA. 823+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 134                                                                                                      |  | UT-C1012-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 823+00 TO STA. 879+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 135                                                                                                      |  | UT-C1013-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 879+00 TO STA. 935+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 136                                                                                                      |  | UT-C1014-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 935+00 TO STA. 991+00                                                                                                                                                           |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 137                                                                                                      |  | UT-C1015-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 991+00 TO STA. 1047+00                                                                                                                                                          |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 138                                                                                                      |  | UT-C1016-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 1047+00 TO STA. 1103+00                                                                                                                                                         |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 139                                                                                                      |  | UT-C1017-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 1103+00 TO STA. 1159+00                                                                                                                                                         |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 140                                                                                                      |  | UT-C1018-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 1159+00 TO STA. 1215+00                                                                                                                                                         |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| 141                                                                                                      |  | UT-C1019-CM |  | CERES TO MERCED - UTILITIES |  |     |  |     | EXISTING UTILITIES             |                           |  |                         |  | STA. 1215+00 TO STA. 1271+00                                                                                                                                                         |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| NOT FOR CONSTRUCTION                                                                                     |  |             |  |                             |  |     |  |     |                                |                           |  |                         |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
|                                                                                                          |  |             |  |                             |  |     |  |     |                                | DESIGNED BY<br>A. SHIELDS |  | TRANSPORTATION          |  | <div><div><div></div><div>SAN JOAQUIN REGIONAL RAIL COMMISSION</div></div><div><div>ACE</div><div>ALTAMONT CORRIDOR EXPRESS</div></div></div> <div>15% PRELIMINARY ENGINEERING</div> |  |  | <div>SAN JOAQUIN REGIONAL RAIL COMMISSION</div> <div>ALTAMONT CORRIDOR EXPRESS</div> <div>ACE forward VOLUME 2 - MERCED EXTENSION</div> <div>VOLUME 2</div> <div>INDEX OF DRAWINGS</div> <div>SHEET 3 OF 5</div> |  |  |  |  | ENVIRONMENTAL ALTERNATIVE CODE |  |
|                                                                                                          |  |             |  |                             |  |     |  |     |                                | DRAWN BY<br>A. SHIELDS    |  | DRAWING NO.<br>GE-A0003 |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
|                                                                                                          |  |             |  |                             |  |     |  |     |                                | CHECKED BY<br>A. BOONE    |  | SCALE<br>AS SHOWN       |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
|                                                                                                          |  |             |  |                             |  |     |  |     |                                | IN CHARGE<br>D. COWIN     |  | SHEET NO.<br>3 OF 235   |  |                                                                                                                                                                                      |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |
| REV                                                                                                      |  | DATE        |  | BY                          |  | CHK |  | APP |                                | DESCRIPTION               |  | DATE<br>02-28-2018      |  | www.aecom.com                                                                                                                                                                        |  |  |                                                                                                                                                                                                                  |  |  |  |  |                                |  |



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| SHEET NO. | DRAWING NO. | DRAWING TITLE<br>LINE 4                      | DRAWING TITLE<br>LINE 5        | DRAWING TITLE<br>LINE 6         |
|-----------|-------------|----------------------------------------------|--------------------------------|---------------------------------|
| 142       | UT-C1020-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1271+00 TO STA. 1327+00    |
| 143       | UT-C1021-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1327+00 TO STA. 1383+00    |
| 144       | UT-C1022-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1383+00 TO STA. 1439+00    |
| 145       | UT-C1023-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1439+00 TO STA. 1495+00    |
| 146       | UT-C1024-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1495+00 TO STA. 1551+00    |
| 147       | UT-C1025-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1551+00 TO STA. 1607+00    |
| 148       | UT-C1026-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1607+00 TO STA. 1663+00    |
| 149       | UT-C1027-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1663+00 TO STA. 1719+00    |
| 150       | UT-C1028-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1719+00 TO STA. 1775+00    |
| 151       | UT-C1029-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1775+00 TO STA. 1831+00    |
| 152       | UT-C1030-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1831+00 TO STA. 1887+00    |
| 153       | UT-C1031-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1887+00 TO STA. 1943+00    |
| 154       | UT-C1032-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1943+00 TO STA. 1999+00    |
| 155       | UT-C1033-CM | CERES TO MERCED - UTILITIES                  | EXISTING UTILITIES             | STA. 1999+00 TO STA. 2032+88.74 |
| STATIONS  |             |                                              |                                |                                 |
| 156       | AR-C0501    | RELOCATED LATHROP/MANTECA STATION - STATIONS | PHASE 2 - SITE PLAN            |                                 |
| 157       | AR-C0505A   | NORTH LATHROP STATION - STATIONS             | PHASE 2 - SITE PLAN            |                                 |
| 158       | AR-C1302    | MANTECA STATION - STATIONS                   | PHASE 2 - SITE PLAN            |                                 |
| 159       | AR-C1402    | RIPON STATION - STATIONS                     | PHASE 2 - SITE PLAN            |                                 |
| 160       | AR-C1502    | MODESTO STATION - STATIONS                   | PHASE 2 - SITE PLAN            |                                 |
| 161       | AR-C1602    | CERES STATION - STATIONS                     | PHASE 2 - SITE PLAN            |                                 |
| 162       | AR-C1701    | TURLOCK STATION - STATIONS                   | PHASE 2 - SITE PLAN            |                                 |
| 163       | AR-J1701    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM PLAN - A      |                                 |
| 164       | AR-J1702    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM PLAN - B      |                                 |
| 165       | AR-J1703    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM PLAN - C      |                                 |
| 166       | AR-J1704    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM PLAN - D      |                                 |
| 167       | AR-J2701    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM ELEVATION - A |                                 |
| 168       | AR-J2702    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM ELEVATION - B |                                 |
| 169       | AR-J2703    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM ELEVATION - C |                                 |
| 170       | AR-J2704    | TURLOCK STATION - STATIONS                   | PARTIAL PLATFORM ELEVATION - D |                                 |
| 171       | AR-J3701    | TURLOCK STATION - STATIONS                   | PLATFORM SECTION               |                                 |
| 172       | AR-J3702    | TURLOCK STATION - STATIONS                   | PLATFORM SECTION               |                                 |
| 173       | AR-C1901-LI | LIVINGSTON STATION - STATIONS                | PHASE 2 - SITE PLAN            |                                 |
| 174       | AR-J1801-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM PLAN - A      |                                 |
| 175       | AR-J1802-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM PLAN - B      |                                 |
| 176       | AR-J1803-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM PLAN - C      |                                 |
| 177       | AR-J1804-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM PLAN - D      |                                 |
| 178       | AR-J2801-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM ELEVATION - A |                                 |
| 179       | AR-J2802-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM ELEVATION - B |                                 |
| 180       | AR-J2803-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM ELEVATION - C |                                 |
| 181       | AR-J2804-LI | LIVINGSTON STATION - STATIONS                | PARTIAL PLATFORM ELEVATION - D |                                 |
| 182       | AR-J3801-LI | LIVINGSTON STATION - STATIONS                | PLATFORM SECTION               |                                 |
| 183       | AR-C1801-AT | ATWATER STATION - STATIONS                   | PHASE 2 - SITE PLAN            |                                 |
| 184       | AR-J1801-AT | ATWATER STATION - STATIONS                   | PARTIAL PLATFORM PLAN - A      |                                 |
| 185       | AR-J1802-AT | ATWATER STATION - STATIONS                   | PARTIAL PLATFORM PLAN - B      |                                 |
| 186       | AR-J1803-AT | ATWATER STATION - STATIONS                   | PARTIAL PLATFORM PLAN - C      |                                 |
| 187       | AR-J1804-AT | ATWATER STATION - STATIONS                   | PARTIAL PLATFORM PLAN - D      |                                 |
| 188       | AR-J2801-AT | ATWATER STATION - STATIONS                   | PARTIAL PLATFORM ELEVATION - A |                                 |

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|     |      |    |     |     |             |                           |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             |                                |
|-----|------|----|-----|-----|-------------|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|     |      |    |     |     |             | DESIGNED BY<br>A. SHIELDS | TRANSPORTATION<br><br><b>AECOM</b><br><br>AECOM USA, Inc.<br>1333 Broadway, Suite 800<br>Oakland, CA 94612<br>T 510.893.3600 F 510.874.3268<br><br>www.aecom.com | <br>SAN JOAQUIN<br>REGIONAL<br>RAIL COMMISSION<br><br><br>ACE forward VOLUME 2 - MERCED EXTENSION<br>VOLUME 2<br><b>15% PRELIMINARY ENGINEERING</b> | <b>SAN JOAQUIN REGIONAL RAIL COMMISSION</b><br><b>ALTAMONT CORRIDOR EXPRESS</b><br>ACE forward VOLUME 2 - MERCED EXTENSION<br>VOLUME 2<br>INDEX OF DRAWINGS<br>SHEET 4 OF 5 | ENVIRONMENTAL ALTERNATIVE CODE |
|     |      |    |     |     |             | DRAWN BY<br>A. SHIELDS    |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             | DRAWING NO.<br>GE-A0004        |
|     |      |    |     |     |             | CHECKED BY<br>A. BOONE    |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             | SCALE<br>AS SHOWN              |
|     |      |    |     |     |             | IN CHARGE<br>D. COWIN     |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             | SHEET NO.<br>4 OF 235          |
|     |      |    |     |     |             | DATE<br>02-28-2018        |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             |                                |
| REV | DATE | BY | CHK | APP | DESCRIPTION |                           |                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                             |                                |



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| SHEET NO.    | DRAWING NO. | DRAWING TITLE<br>LINE 4    | DRAWING TITLE<br>LINE 5        | DRAWING TITLE<br>LINE 6 |
|--------------|-------------|----------------------------|--------------------------------|-------------------------|
| 189          | AR-J2802-AT | ATWATER STATION - STATIONS | PARTIAL PLATFORM ELEVATION - B |                         |
| 190          | AR-J2803-AT | ATWATER STATION - STATIONS | PARTIAL PLATFORM ELEVATION - C |                         |
| 191          | AR-J2804-AT | ATWATER STATION - STATIONS | PARTIAL PLATFORM ELEVATION - D |                         |
| 192          | AR-J3801-AT | ATWATER STATION - STATIONS | PLATFORM SECTION               |                         |
| 193          | AR-C2001    | MERCED STATION - STATIONS  | PHASE 2 - SITE PLAN            |                         |
| 194          | AR-J1901    | MERCED STATION - STATIONS  | PARTIAL PLATFORM PLAN - A      |                         |
| 195          | AR-J1902    | MERCED STATION - STATIONS  | PARTIAL PLATFORM PLAN - B      |                         |
| 196          | AR-J1903    | MERCED STATION - STATIONS  | PARTIAL PLATFORM PLAN - C      |                         |
| 197          | AR-J1904    | MERCED STATION - STATIONS  | PARTIAL PLATFORM PLAN - D      |                         |
| 198          | AR-J2901    | MERCED STATION - STATIONS  | PARTIAL PLATFORM ELEVATION - A |                         |
| 199          | AR-J2902    | MERCED STATION - STATIONS  | PARTIAL PLATFORM ELEVATION - B |                         |
| 200          | AR-J2903    | MERCED STATION - STATIONS  | PARTIAL PLATFORM ELEVATION - C |                         |
| 201          | AR-J2904    | MERCED STATION - STATIONS  | PARTIAL PLATFORM ELEVATION - D |                         |
| 202          | AR-J3901    | MERCED STATION - STATIONS  | PLATFORM SECTION               |                         |
| RIGHT OF WAY |             |                            |                                |                         |
| 203          | RW-M4001-CM | RIGHT OF WAY MAP           | RW-M4001-CM                    |                         |
| 204          | RW-M4002-CM | RIGHT OF WAY MAP           | RW-M4002-CM                    |                         |
| 205          | RW-M4003-CM | RIGHT OF WAY MAP           | RW-M4003-CM                    |                         |
| 206          | RW-M4004-CM | RIGHT OF WAY MAP           | RW-M4004-CM                    |                         |
| 207          | RW-M4005-CM | RIGHT OF WAY MAP           | RW-M4005-CM                    |                         |
| 208          | RW-M4006-CM | RIGHT OF WAY MAP           | RW-M4006-CM                    |                         |
| 209          | RW-M4007-CM | RIGHT OF WAY MAP           | RW-M4007-CM                    |                         |
| 210          | RW-M4008-CM | RIGHT OF WAY MAP           | RW-M4008-CM                    |                         |
| 211          | RW-M4009-CM | RIGHT OF WAY MAP           | RW-M4009-CM                    |                         |
| 212          | RW-M4010-CM | RIGHT OF WAY MAP           | RW-M4010-CM                    |                         |
| 213          | RW-M4011-CM | RIGHT OF WAY MAP           | RW-M4011-CM                    |                         |
| 214          | RW-M4012-CM | RIGHT OF WAY MAP           | RW-M4012-CM                    |                         |
| 215          | RW-M4013-CM | RIGHT OF WAY MAP           | RW-M4013-CM                    |                         |
| 216          | RW-M4014-CM | RIGHT OF WAY MAP           | RW-M4014-CM                    |                         |
| 217          | RW-M4015-CM | RIGHT OF WAY MAP           | RW-M4015-CM                    |                         |
| 218          | RW-M4016-CM | RIGHT OF WAY MAP           | RW-M4016-CM                    |                         |
| 219          | RW-M4017-CM | RIGHT OF WAY MAP           | RW-M4017-CM                    |                         |
| 220          | RW-M4018-CM | RIGHT OF WAY MAP           | RW-M4018-CM                    |                         |
| 221          | RW-M4019-CM | RIGHT OF WAY MAP           | RW-M4019-CM                    |                         |
| 222          | RW-M4020-CM | RIGHT OF WAY MAP           | RW-M4020-CM                    |                         |
| 223          | RW-M4021-CM | RIGHT OF WAY MAP           | RW-M4021-CM                    |                         |
| 224          | RW-M4022-CM | RIGHT OF WAY MAP           | RW-M4022-CM                    |                         |
| 225          | RW-M4023-CM | RIGHT OF WAY MAP           | RW-M4023-CM                    |                         |
| 226          | RW-M4024-CM | RIGHT OF WAY MAP           | RW-M4024-CM                    |                         |
| 227          | RW-M4025-CM | RIGHT OF WAY MAP           | RW-M4025-CM                    |                         |
| 228          | RW-M4026-CM | RIGHT OF WAY MAP           | RW-M4026-CM                    |                         |
| 229          | RW-M4027-CM | RIGHT OF WAY MAP           | RW-M4027-CM                    |                         |
| 230          | RW-M4028-CM | RIGHT OF WAY MAP           | RW-M4028-CM                    |                         |
| 231          | RW-M4029-CM | RIGHT OF WAY MAP           | RW-M4029-CM                    |                         |
| 232          | RW-M4030-CM | RIGHT OF WAY MAP           | RW-M4030-CM                    |                         |
| 233          | RW-M4031-CM | RIGHT OF WAY MAP           | RW-M4031-CM                    |                         |
| 234          | RW-M4032-CM | RIGHT OF WAY MAP           | RW-M4032-CM                    |                         |
| 235          | RW-M4033-CM | RIGHT OF WAY MAP           | RW-M4033-CM                    |                         |

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|-----|------|----|-----|-----|-------------|---------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|     |      |    |     |     |             | DESIGNED BY<br>A. SHIELDS | TRANSPORTATION                                                                                    |   | SAN JOAQUIN REGIONAL RAIL COMMISSION<br>ALTAMONT CORRIDOR EXPRESS<br><i>ACE forward</i> VOLUME 2 - MERCED EXTENSION<br>VOLUME 2<br>INDEX OF DRAWINGS<br>SHEET 5 OF 5 | ENVIRONMENTAL ALTERNATIVE CODE |
|     |      |    |     |     |             | DRAWN BY<br>A. SHIELDS    |                                                                                                   |                                                                                                                                                                             |                                                                                                                                                                      | DRAWING NO.<br>GE-A0005        |
|     |      |    |     |     |             | CHECKED BY<br>A. BOONE    | AECOM USA, Inc.<br>1333 Broadway, Suite 800<br>Oakland, CA 94612<br>T 510.893.3600 F 510.874.3268 |                                                                                                                                                                             |                                                                                                                                                                      | SCALE<br>AS SHOWN              |
|     |      |    |     |     |             | IN CHARGE<br>D. COWIN     | www.aecom.com                                                                                     |                                                                                                                                                                             |                                                                                                                                                                      | SHEET NO.<br>5 OF 235          |
| REV | DATE | BY | CHK | APP | DESCRIPTION | DATE<br>02-28-2018        |                                                                                                   |                                                                                                                                                                             |                                                                                                                                                                      |                                |



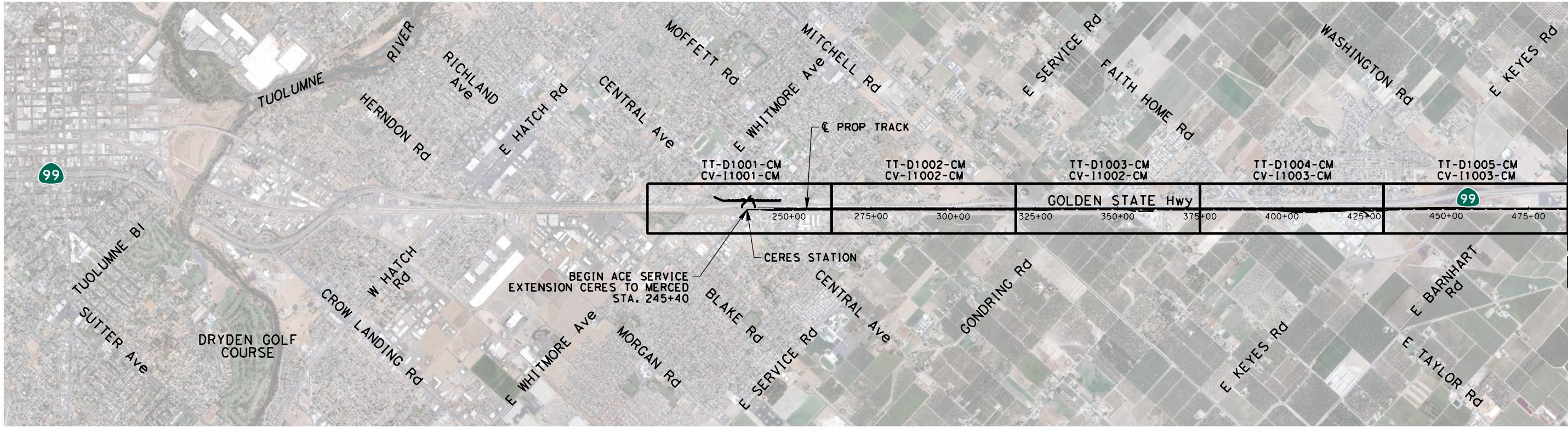
**MERCED EXTENSION**

**TRACK ALIGNMENT**

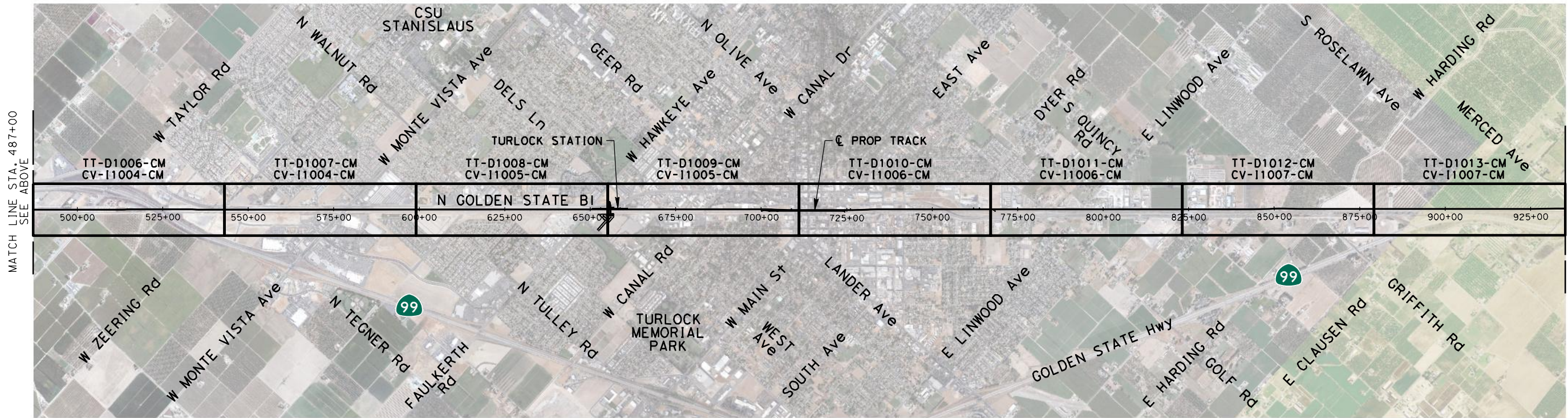
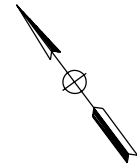


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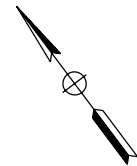


MATCH LINE STA. 487+00  
SEE BELOW



MATCH LINE STA. 487+00  
SEE ABOVE

MATCH LINE STA. 935+00  
SEE SHEET TT-B0002-CM



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|                           |
|---------------------------|
| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>D. MOGG       |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

|                                                                                                   |
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SAN JOAQUIN  
REGIONAL  
RAIL COMMISSION



ACE  
ALTAMONT CORRIDOR EXPRESS

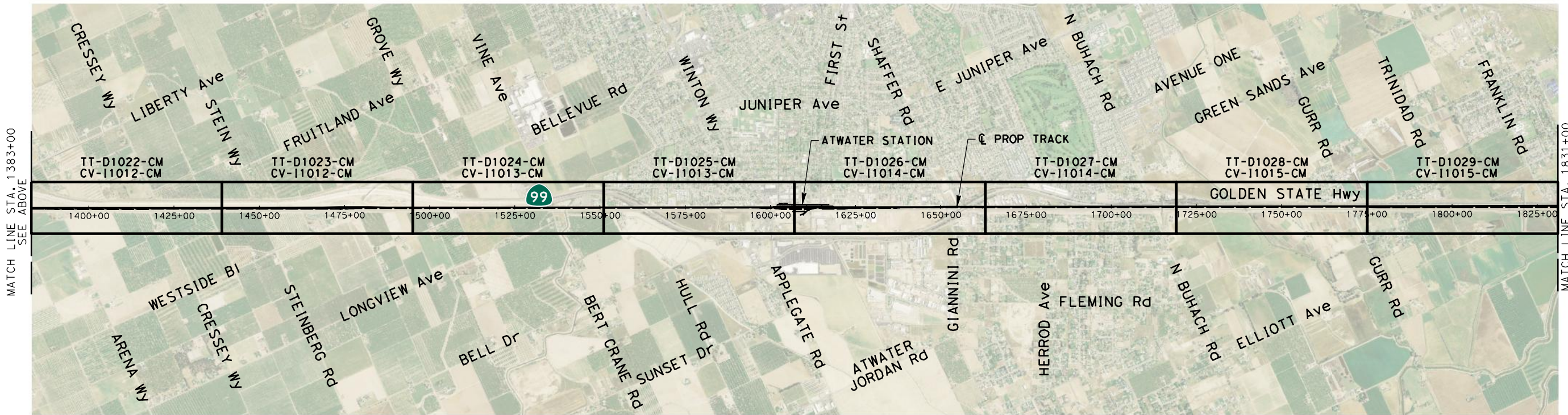
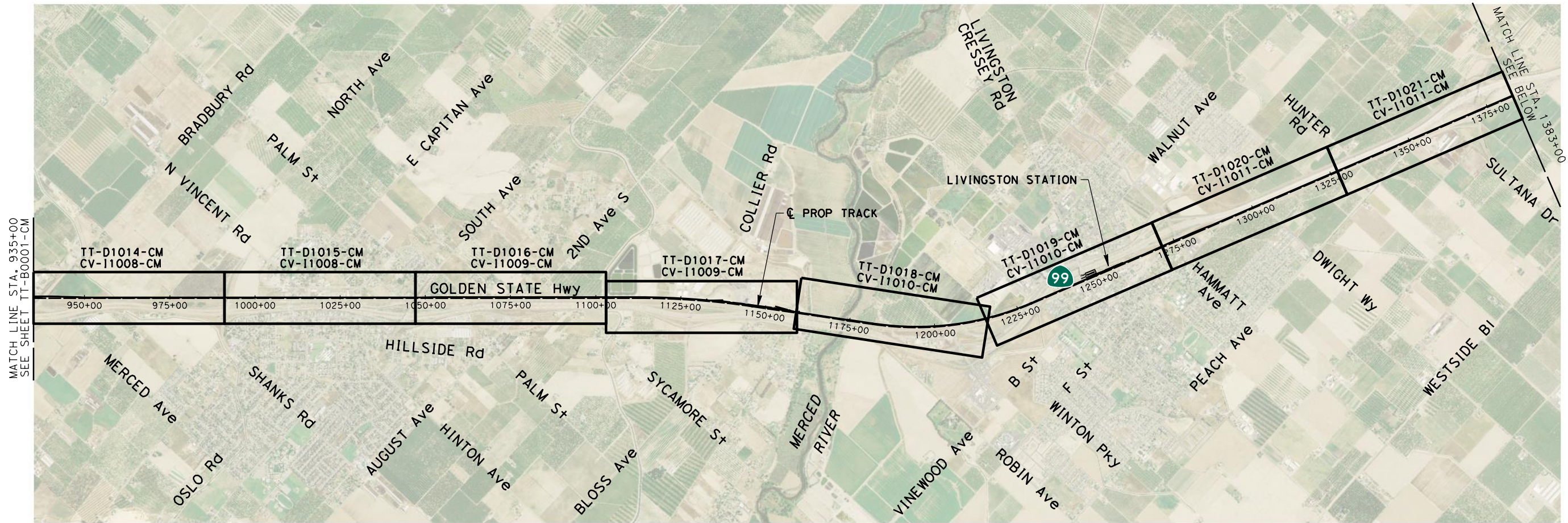
15% PRELIMINARY ENGINEERING

SAN JOAQUIN REGIONAL RAIL COMMISSION  
ALTAMONT CORRIDOR EXPRESS  
ACE forward VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
KEY MAP  
STA. 245+00 TO STA. 935+00

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| ENVIRONMENTAL ALTERNATIVE CODE |
| DRAWING NO.<br>TT-B0001-CM     |
| SCALE<br>AS SHOWN              |
| SHEET NO.<br>6 OF 235          |



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DESIGNED BY  
A. SHIELDS  
DRAWN BY  
D. MOGG  
CHECKED BY  
J. MAHER  
IN CHARGE  
D. COWIN  
DATE  
02-28-2018

TRANSPORTATION  
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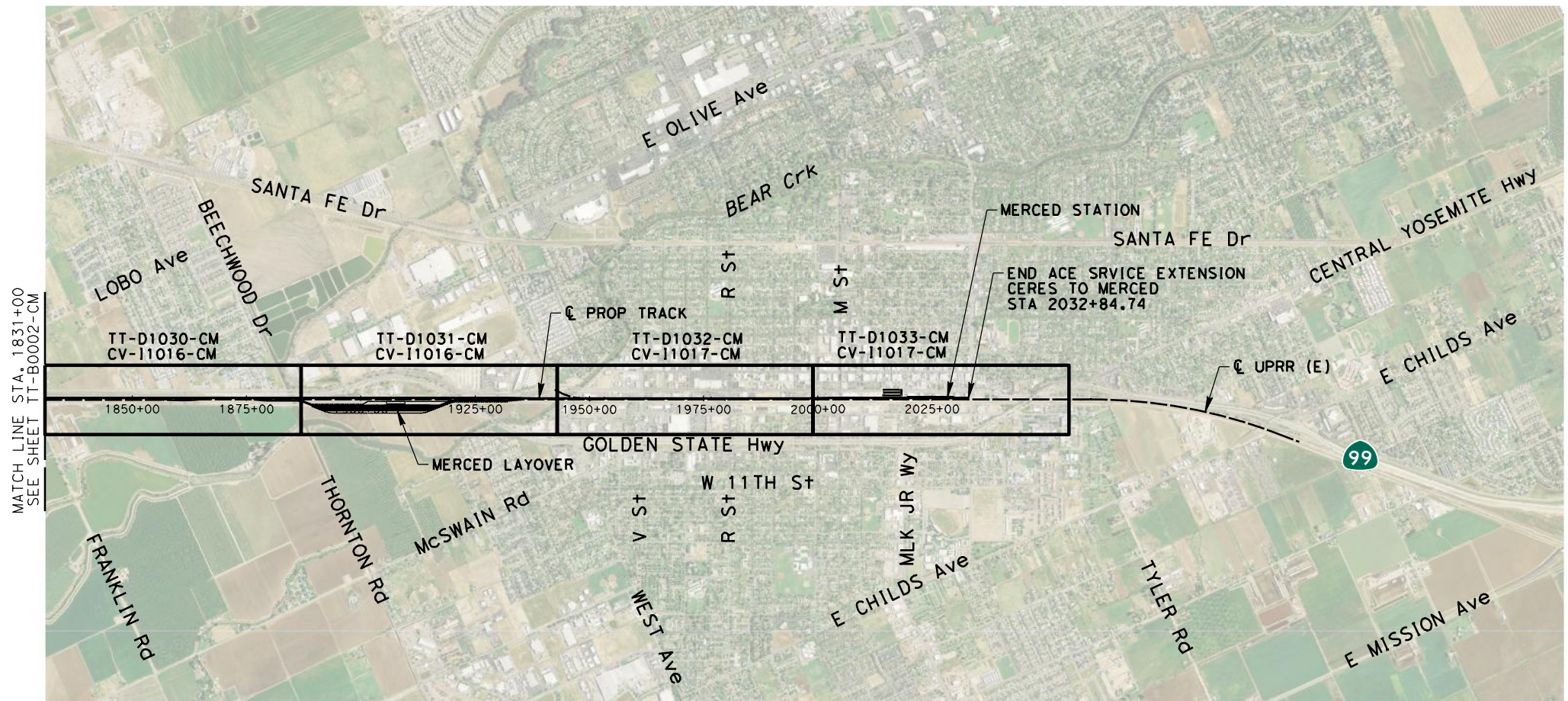
15% PRELIMINARY ENGINEERING

**SAN JOAQUIN REGIONAL RAIL COMMISSION**  
**ALTAMONT CORRIDOR EXPRESS**  
ACE *forward* VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
KEY MAP  
STA. 935+00 TO STA. 1831+00

ENVIRONMENTAL ALTERNATIVE CODE  
DRAWING NO.  
TT-B0002-CM  
SCALE  
AS SHOWN  
SHEET NO.  
7 OF 235



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|---------------------------|
| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>D. MOGG       |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

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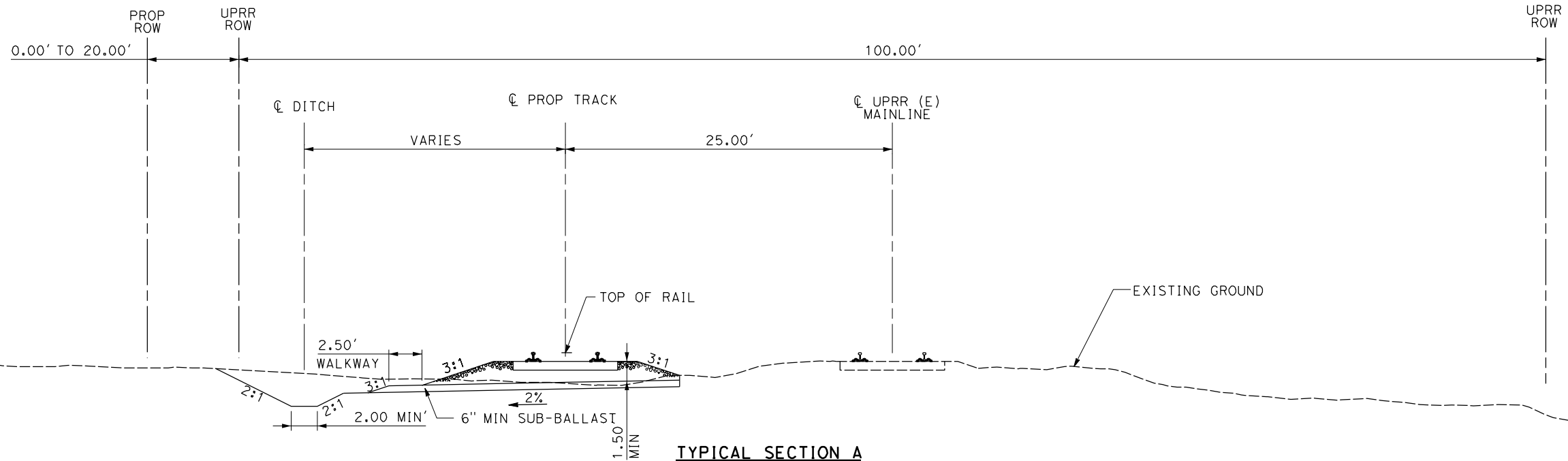
**15% PRELIMINARY ENGINEERING**

**SAN JOAQUIN REGIONAL RAIL COMMISSION**  
**ALTAMONT CORRIDOR EXPRESS**  
ACE *forward* VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
KEY MAP  
STA. 1831+00 TO STA. 2032+84.74

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| ENVIRONMENTAL ALTERNATIVE CODE |
| DRAWING NO.<br>TT-B0003-CM     |
| SCALE<br>AS SHOWN              |
| SHEET NO.<br>8 OF 235          |



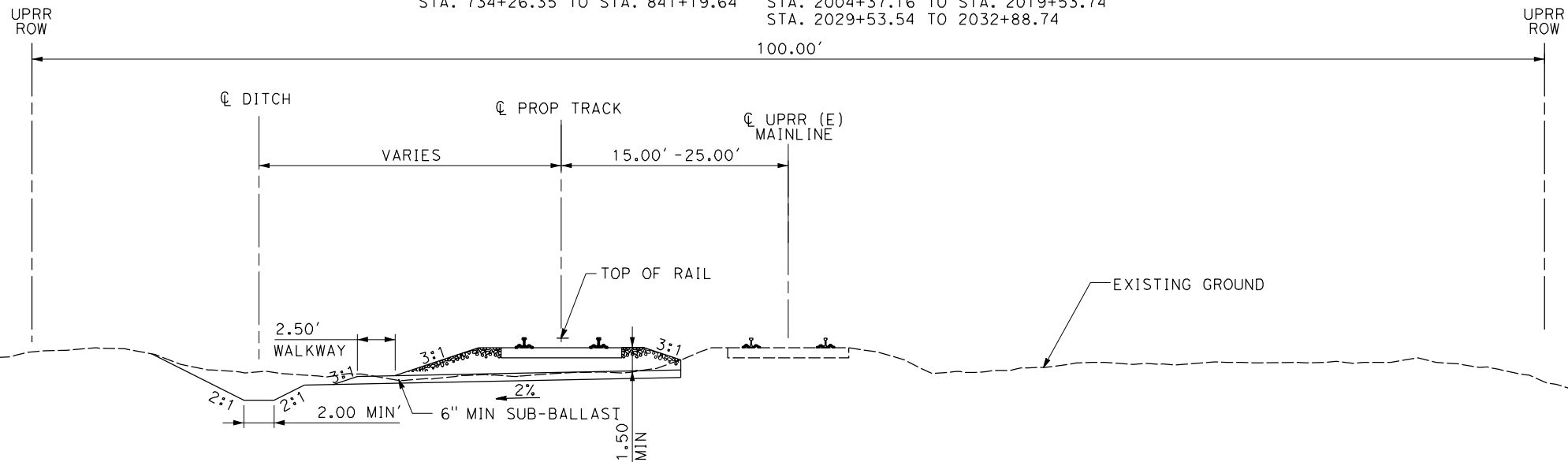
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**TYPICAL SECTION A**

DOUBLE TRACK AT-GRADE

|                                                                                                                                                                                                                      |                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STA. 245+40.00 TO STA. 253+99.56<br>(TRIPLE TRACK)                                                                                                                                                                   | STA. 1054+74.53 TO STA. 1248+40.19<br>STA. 1258+40.19 TO STA. 1263+44.17<br>STA. 1288+08.40 TO STA. 1387+00<br>STA. 1387+00 TO STA. 1466+65.01<br>(TRIPLE TRACK) |
| STA. 660+51.53 TO STA. 700+45.70<br>STA. 301+22.54 TO STA. 437+45.84<br>STA. 462+16.93 TO STA. 512+53.60<br>STA. 535+17.65 TO STA. 650+61.53<br>STA. 661+51.53 TO STA. 700+45.43<br>STA. 734+26.35 TO STA. 841+19.64 | STA. 1489+12.72 TO STA. 1608+16.07<br>STA. 1618+16.07 TO STA. 1930+50.08<br>STA. 2004+37.16 TO STA. 2019+53.74<br>STA. 2029+53.54 TO 2032+88.74                  |



**TYPICAL SECTION B**

DOUBLE TRACK AT-GRADE

|                                                                                                                                                    |
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| STA. 841+19.64 TO STA. 852+10.47<br>STA. 1047+75.53 TO STA. 1054+74.53<br>STA. 1930+50.08 TO STA. 1938+96.30<br>STA. 1995+63.17 TO STA. 2004+37.16 |
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|---------------------------|
| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>A. SHIELDS    |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

|                                                                                                   |
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CERES TO MERCED - TRACK ALIGNMENT  
TYPICAL SECTIONS  
SHEET 1 OF 7

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| ENVIRONMENTAL ALTERNATIVE CODE |
| DRAWING NO.<br>TT-D0001-CM     |
| SCALE<br>1" = 5'               |
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DESIGNED BY  
A. SHIELDS  
DRAWN BY  
A. SHIELDS  
CHECKED BY  
D. HARTMAN  
IN CHARGE  
D. WENZEL  
DATE  
02-28-2018

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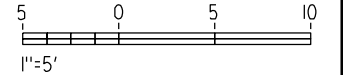
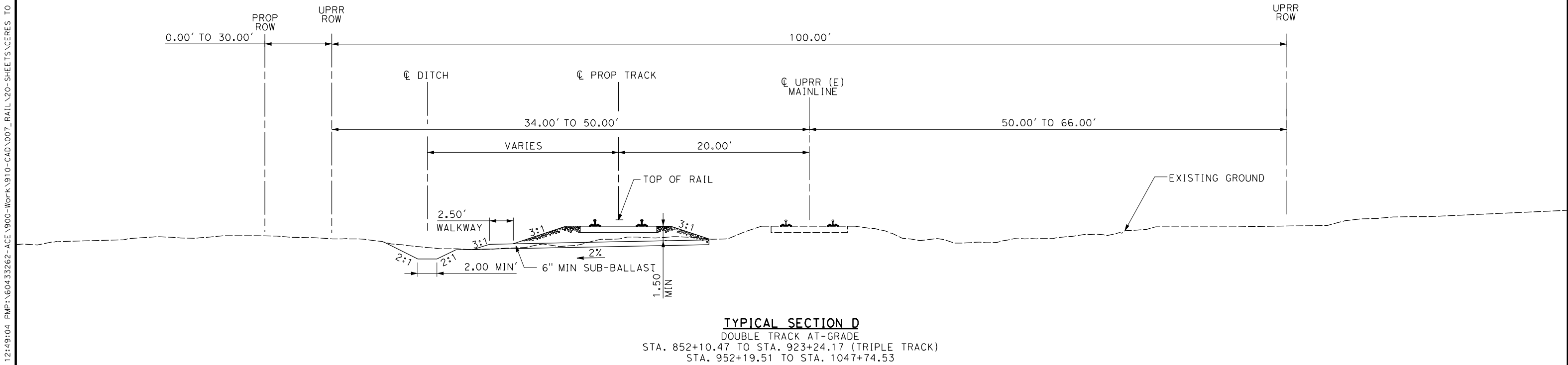
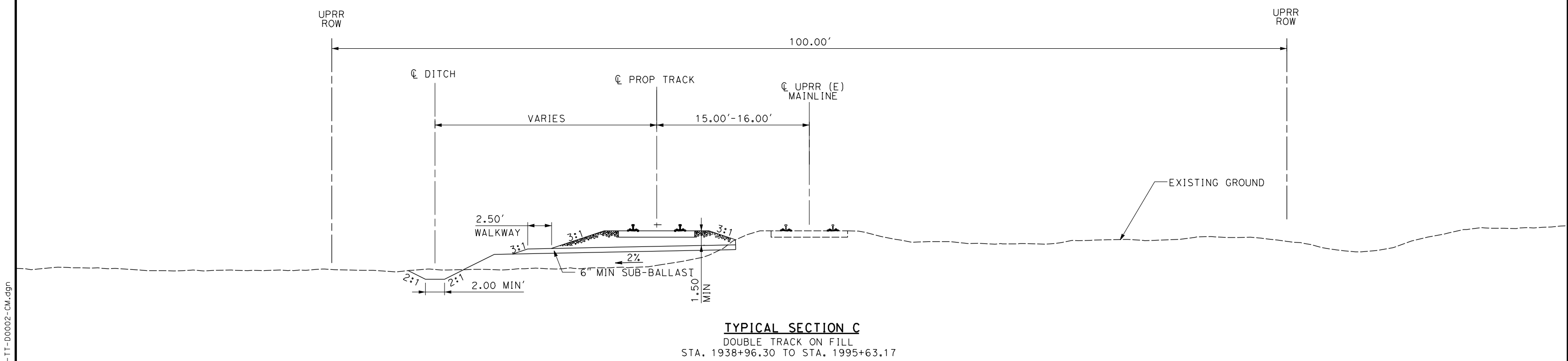


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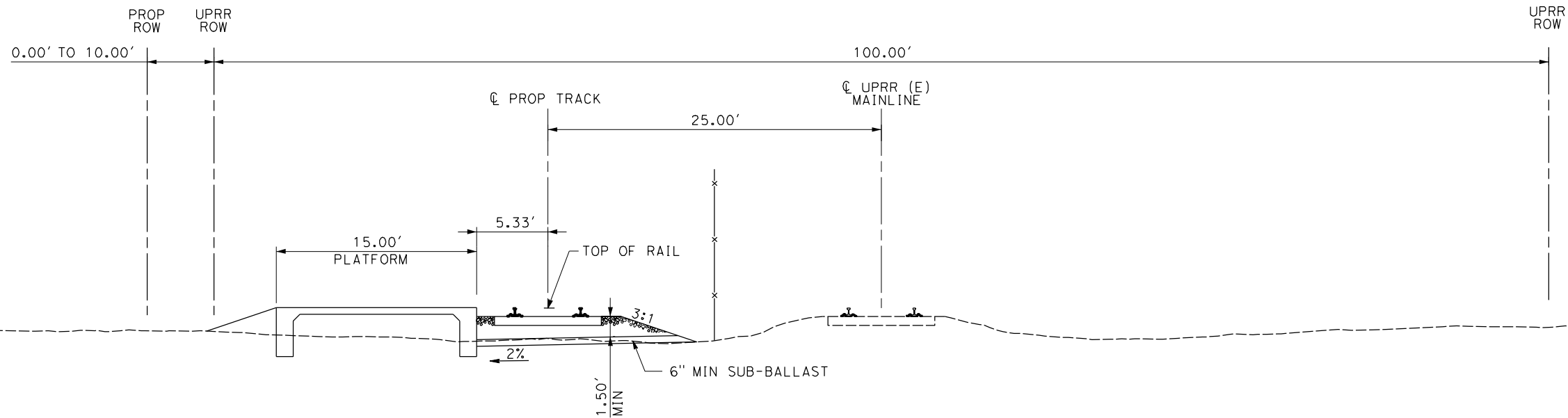
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CERES TO MERCED - TRACK ALIGNMENT  
TYPICAL SECTIONS  
SHEET 2 OF 7

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| ENVIRONMENTAL ALTERNATIVE CODE |
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| SCALE<br>1" = 5'               |
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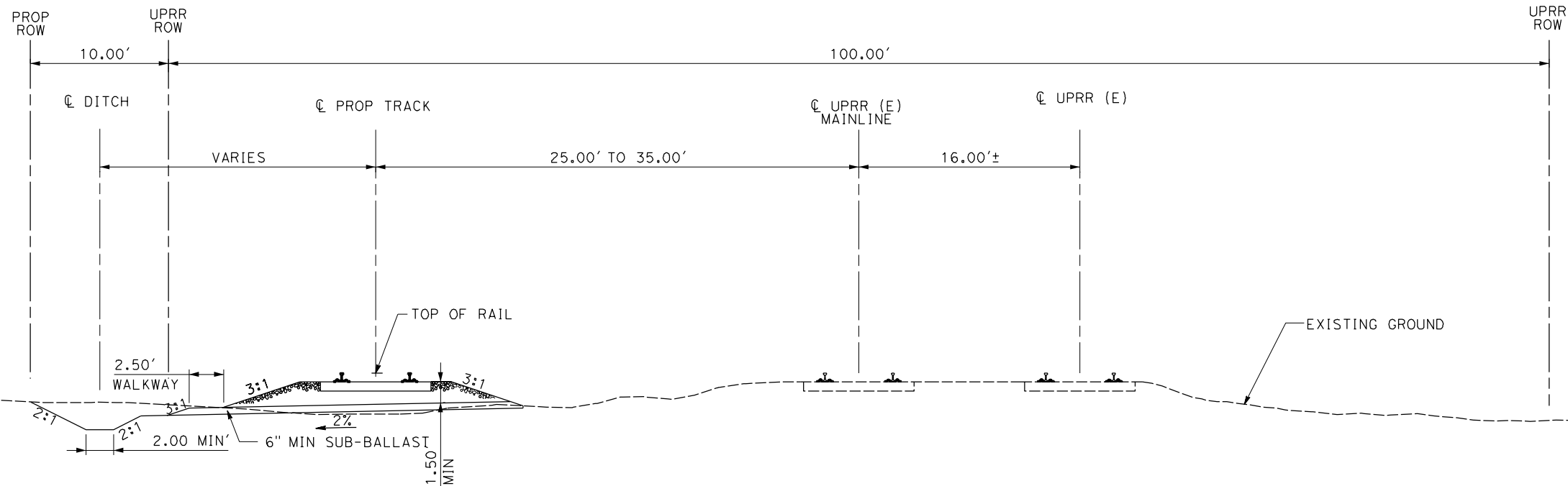


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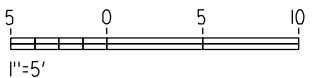
**TYPICAL SECTION E**

STATIONS  
STA. 650+61.53 TO STA. 660+51.53  
STA. 1248+40.19 TO STA. 1258+40.19  
STA. 1608+16.07 TO STA. 1618+16.07  
STA. 2019+53.74 TO STA. 2029+53.74



**TYPICAL SECTION F**

TRIPLE TRACK AT-GRADE  
STA. 253+99.56 TO STA. 292+79.42



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| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>A. SHIELDS    |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

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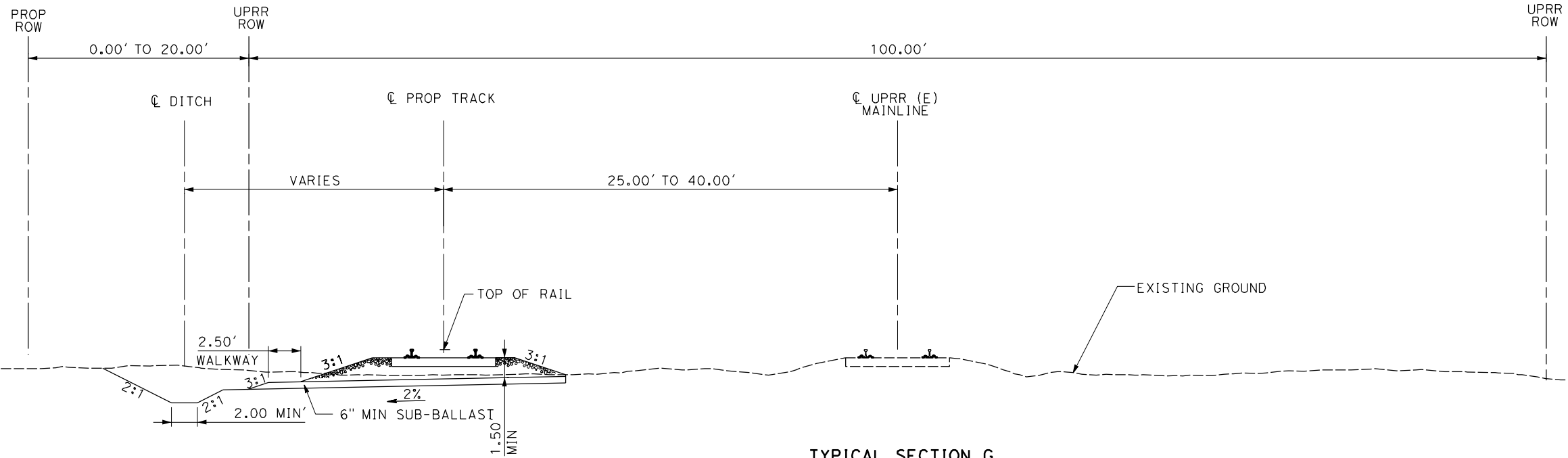
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TYPICAL SECTIONS  
SHEET 3 OF 7

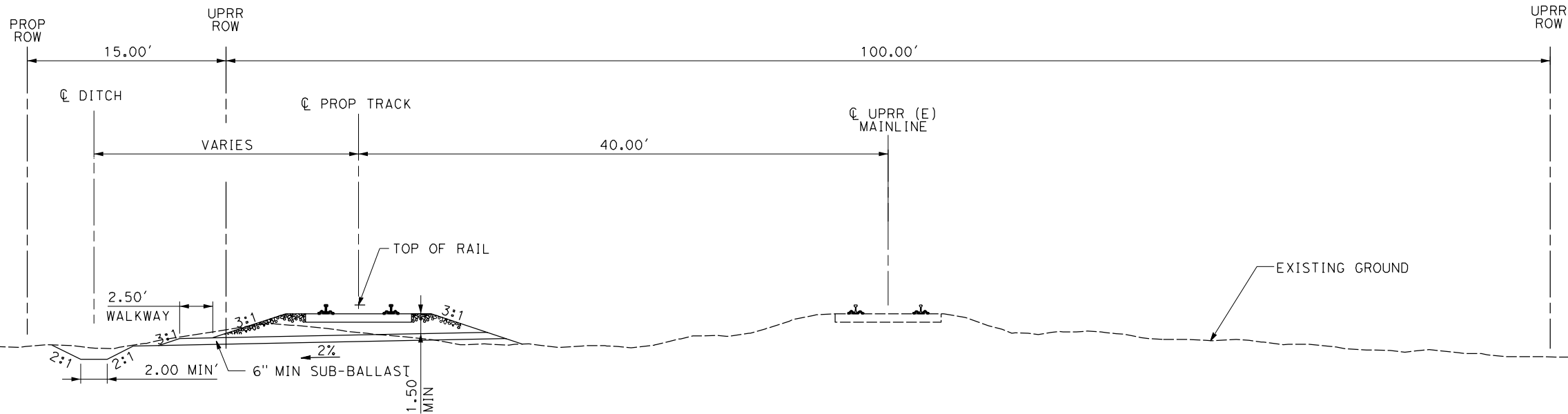
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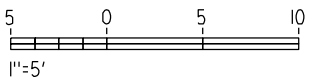
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**TYPICAL SECTION G**  
DOUBLE TRACK AT-GRADE  
STA. 292+79.42 TO STA. 301+22.54 (TRIPLE TRACK)  
STA. 437+45.84 TO STA. 447+19.86  
STA. 452+36.21 TO STA. 462+16.93  
STA. 512+53.60 TO STA. 521+25.60  
STA. 526+37.40 TO STA. 535+17.65  
STA. 1263+44.17 TO STA. 1273+21.67  
STA. 1278+36.69 TO STA. 1288+08.40  
STA. 1466+65.01 TO STA. 1475+40.78  
STA. 1480+40.17 TO STA. 1489+12.72



**TYPICAL SECTION H**  
DOUBLE TRACK AT-GRADE  
STA. 447+19.86 TO STA. 452+36.21  
STA. 1273+21.67 TO STA. 1278+36.69



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|---------------------------|
| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>A. SHIELDS    |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

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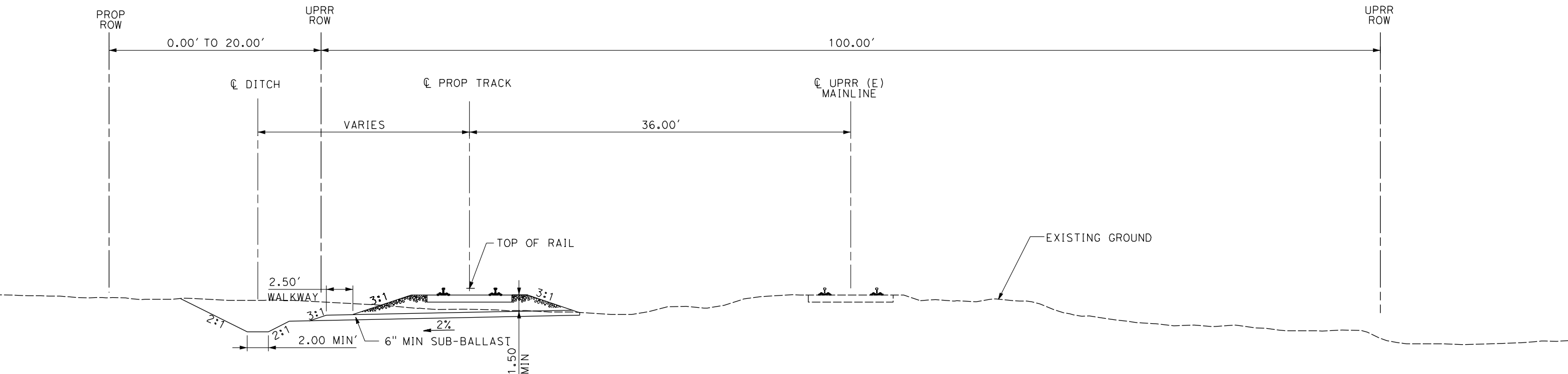
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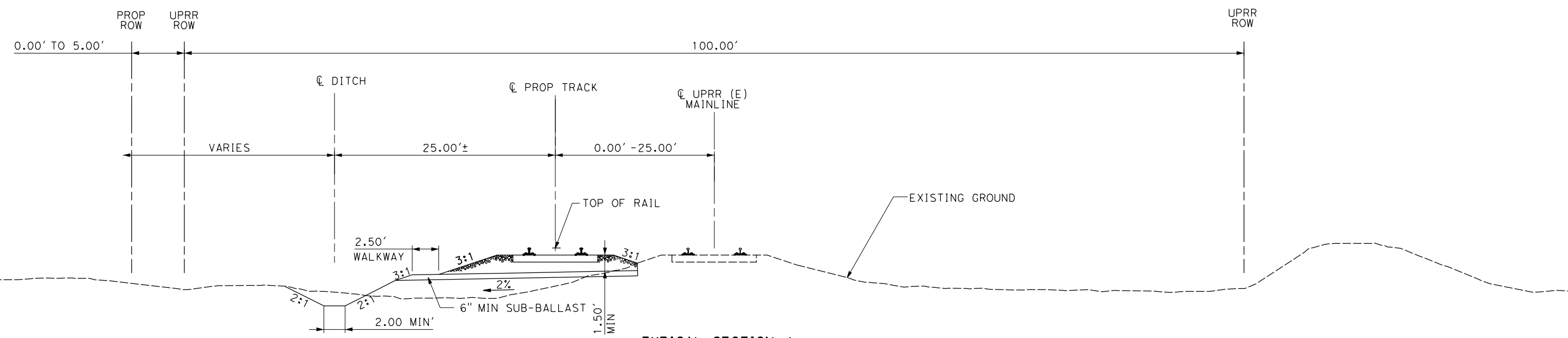
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| <b>SAN JOAQUIN REGIONAL RAIL COMMISSION</b><br><b>ALTAMONT CORRIDOR EXPRESS</b><br>ACE <i>forward</i> VOLUME 2 - MERCED EXTENSION<br>CERES TO MERCED - TRACK ALIGNMENT<br>TYPICAL SECTIONS<br>SHEET 4 OF 7 | ENVIRONMENTAL ALTERNATIVE CODE<br>DRAWING NO.<br>TT-D0004-CM<br>SCALE<br>1" = 5'<br>SHEET NO.<br>12 OF 235 |
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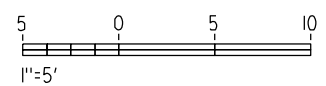
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**TYPICAL SECTION I**  
DOUBLE TRACK AT-GRADE  
STA. 521+25.60 TO STA. 526+37.40  
STA. 1475+40.78 TO STA. 1480+40.17



**TYPICAL SECTION J**  
DOUBLE TRACK ON FILL  
STA. 700+45.70 TO STA. 708+75.88 (TRIPLE TRACK)  
STA. 725+96.21 TO STA. 734+26.35



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DESIGNED BY  
A. SHIELDS  
DRAWN BY  
A. SHIELDS  
CHECKED BY  
D. HARTMAN  
IN CHARGE  
D. WENZEL  
DATE  
02-28-2018

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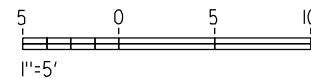
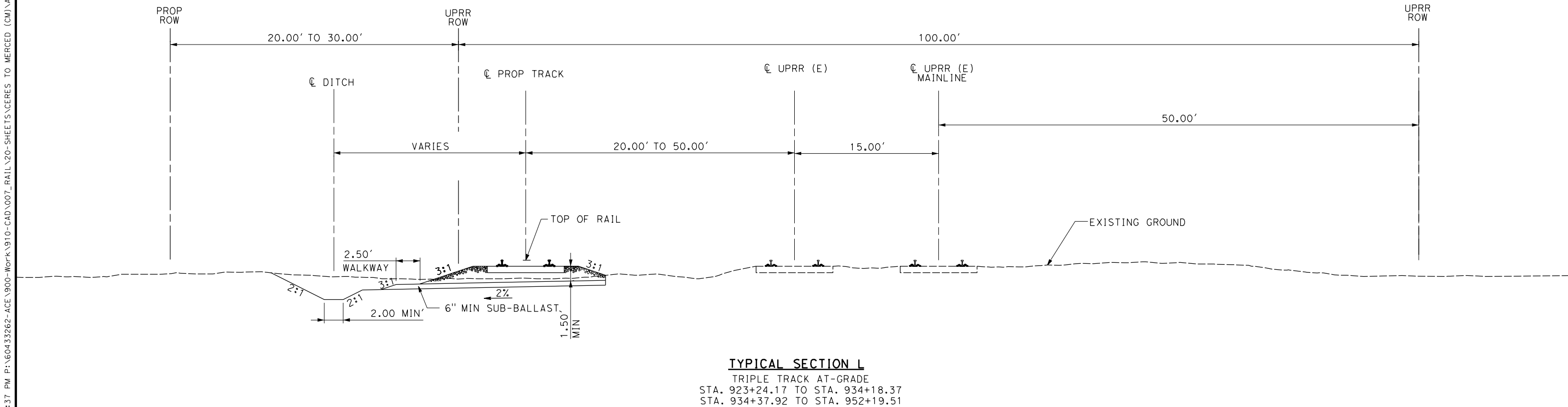
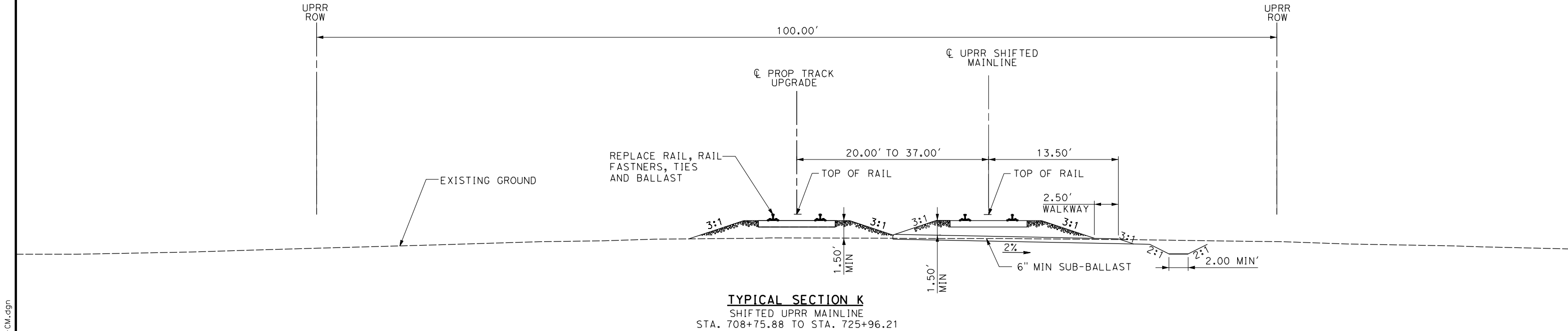
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CERES TO MERCED - TRACK ALIGNMENT  
TYPICAL SECTIONS  
SHEET 5 OF 7

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| ENVIRONMENTAL ALTERNATIVE CODE |
| DRAWING NO.<br>TT-D0005-CM     |
| SCALE<br>1" = 5'               |
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DESIGNED BY  
A. SHIELDS  
DRAWN BY  
A. SHIELDS  
CHECKED BY  
J. MAHER  
IN CHARGE  
D. COWIN  
DATE  
02-28-2018

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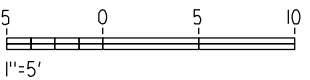
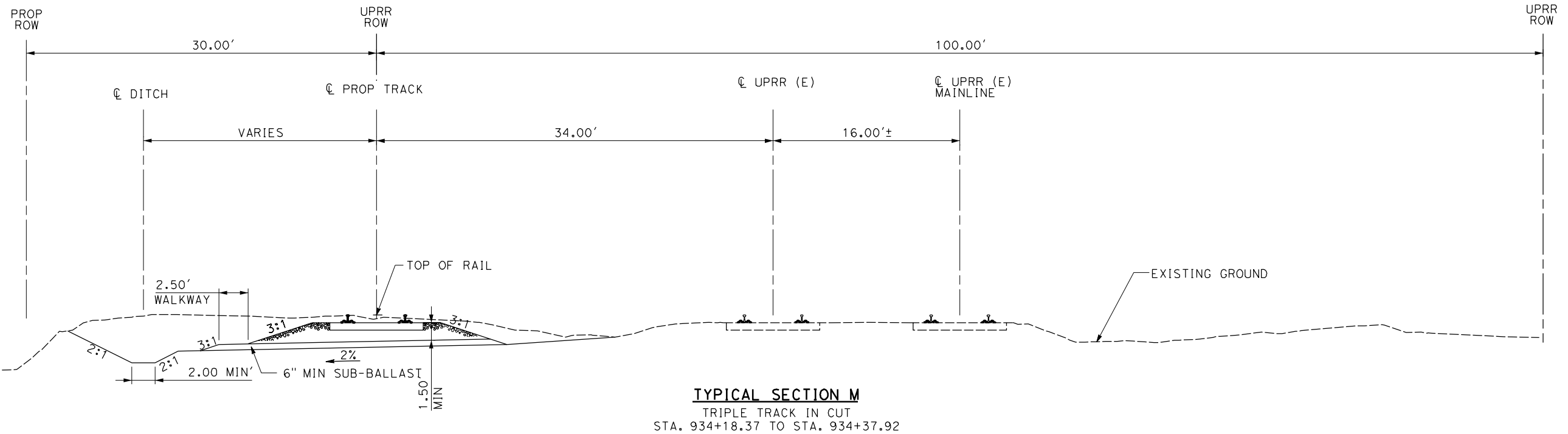
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*ACE forward* VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
TYPICAL SECTIONS  
SHEET 6 OF 7

ENVIRONMENTAL ALTERNATIVE CODE  
DRAWING NO.  
TT-D0006-CM  
SCALE  
1" = 5'  
SHEET NO.  
14 OF 235



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| DESIGNED BY<br>A. SHIELDS |
| DRAWN BY<br>A. SHIELDS    |
| CHECKED BY<br>J. MAHER    |
| IN CHARGE<br>D. COWIN     |
| DATE<br>02-28-2018        |

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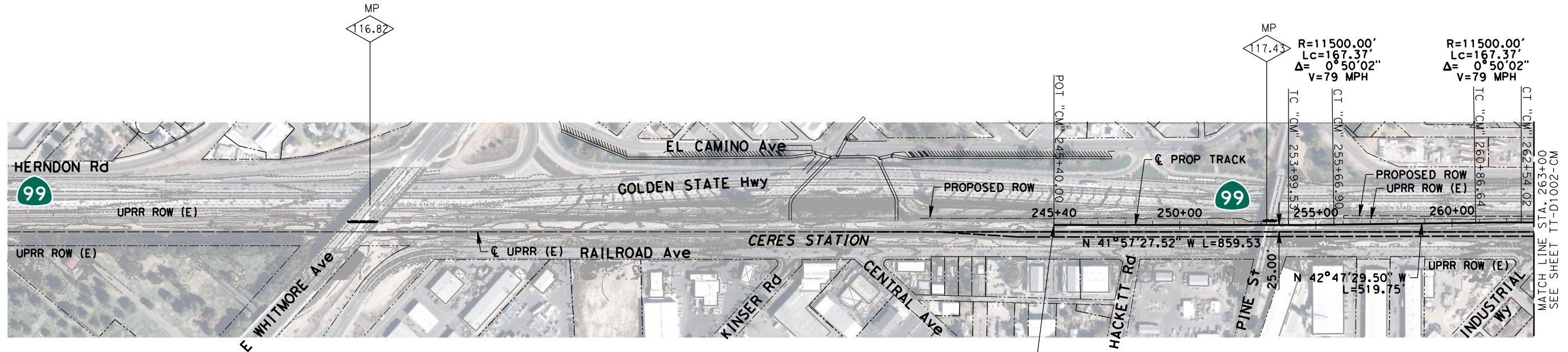
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ACE *forward* VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
TYPICAL SECTIONS  
SHEET 7 OF 7

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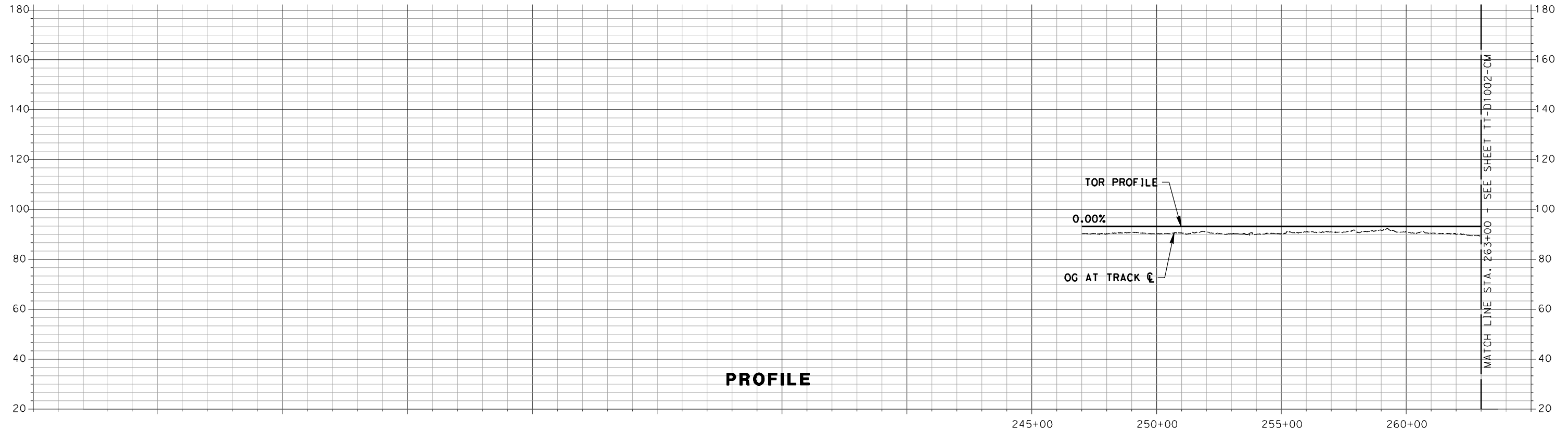


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PLAN

BEGIN MERCED EXTENSION  
CERES TO MERCED  
STA. 245+40=  
CERES EXTENSION  
LATHROP TO CERES  
1224+42.10



PROFILE

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DESIGNED BY  
A. SHIELDS  
DRAWN BY  
A. SHIELDS  
CHECKED BY  
J. MAHER  
IN CHARGE  
D. COWIN  
DATE  
02-28-2018

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ACE *forward* VOLUME 2 - MERCED EXTENSION  
CERES TO MERCED - TRACK ALIGNMENT  
PLAN AND PROFILE  
STA. 245+40 TO STA. 263+00

ENVIRONMENTAL ALTERNATIVE CODE  
DRAWING NO.  
TT-D1001-CM  
SCALE  
AS SHOWN  
SHEET NO.  
16 OF 235