MARIPOSA AVENUE
SAFE ROUTES TO SCHOOL PHASE III

FROM NORTH OF EASTGATE AVENUE TO NORTH RIDGE DRIVE WITHIN
THE CITY OF CITRUS HEIGHTS, COUNTY OF SACRAMENTO

FEDERAL PROJECT NO. CML-5475 (039)
PROJECT NO. 20-14-003
NOTES:
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SEE LAYOUTS FOR LOCATIONS, TYPES, AND LIMITS OF SIDEWALK, CURB, GUTTER, RETAINING WALLS, AND FENCING.
3. SEE DRAINAGE SHEETS FOR LOCATIONS, PLACEMENT, AND DETAILS OF DRAINAGE SYSTEMS AND APPURTENANCES.
4. SEE LAYOUTS FOR LIMITS OF SANITARY.
5. SEE CONSTRUCTION DETAILS FOR COLD PLANE ASPHALT CEMENT PAVEMENT AND LIMITS OF AC LEVELING.
6. SEE SPECIFICATION BOOK APPENDICES FOR CITY STANDARD PLANS.

TYPICAL PAVEMENT

STRUCTURAL SECTION:

- 4" AC (TYPE A)
  - 9" CLASS 2 A8
  - 7" CLASS 2 A8
  - 5/8" CONCRETE
    - 6" CLASS 2 A8
  - 3" AC (TYPE A)
    - 10" CLASS 2 A8
  - 4" COLD PLANE ASPHALT CEMENT PAVEMENT
    - 4" AC (TYPE A)

"M" 13+48.30 TO 13+61.48
MARIPOSA AVENUE

"M" 11+82.32 TO 11+94.82
MARIPOSA AVENUE
NOTES:
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL
   SECTIONS) ARE SUBJECTED TO TOLERANCES SPECIFIED IN THE
   STANDARD SPECIFICATIONS.
2. SEE LAYOUTS FOR LOCATIONS, TYPES, AND LIMITS OF SIDEWALK,
   CURB, GUTTER, RETAINING WALLS, AND HANDICAPS.
3. SEE DRAINAGE SHEETS FOR LOCATIONS, PLACEMENT, AND DETAILS
   OF DRAINAGE SYSTEMS AND APPURTENANCES.
4. SEE LAYOUTS FOR LIMITS OF WORK.
5. SEE CONSTRUCTION DETAILS FOR COLD PLANE ASPHALT CONCRETE
   PAVEMENT AND LIMITS OF AC LAYING.
6. SEE SPECIFICATION BOOK APPENDIXES FOR CITY STANDARD PLANS.

TYPICAL PAVEMENT
STRUCTURAL SECTION:

- 4" COLD PLANE ASPHALT CONCRETE PAVEMENT
- 4" AC (TYPE A)
- 4" CLASS 2 AB
- 3.5/8" CONCRETE
- 4" CLASS 2 AB
- 3" AC (TYPE A)
- 3" CLASS 2 AB
- 2" AC (TYPE A)
- 2" CLASS 2 AB

MARIPOSA AVENUE

"M" 14+48.42 TO 15+74.65

MARIPOSA AVENUE

"M" 14+35.16 TO 14+88.42

MARIPOSA AVENUE SAFETY ROUTES TO SCHOOL PHASE III

X-2

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NOTES:

1. Dimensions of the pavement structures (structural sections) are subject to tolerances specified in the standard specifications.
2. See layouts for locations, types, and units of sidewalk, curb, gutter, retaining walls, and handrail.
3. See drainage sheets for locations, placement, and details of drainage systems and appurtenances.
4. See layouts for units of sidewalk.
5. See construction details for cold plane asphalt concrete pavement and limits of AC leveling.

TYPICAL PAVEMENT Structural Section:

- 4" AC (Type A)
  5" Class 2 AB
- 2" Class 2 AB
- 5/8" Concrete
  8" Class 2 AB
- 4" AC (Type A)
  10" Class 2 AB
- 4" Cold Plane Asphalt Concrete Pavement
  4" AC (Type A)

"M" 17+09.59 TO 17+31.01

MARIPOSA AVENUE

"M" 15+74.65 TO 16+21.47

MARIPOSA AVENUE

TYPICAL CROSS SECTIONS
NOTES:
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SEE LAYOUTS FOR LOCATIONS, TYPES, AND LIMITS OF SIDEWALK, CURB, GUTTER, RETAINING WALLS, AND HANDRAILING.
3. SEE DRAINAGE SHEETS FOR LOCATIONS, PLACEMENT, AND DETAILS OF DRAINAGE SYSTEMS AND APPURTENANCES.
4. SEE LAYOUTS FOR LIMITS OF SANDBAG.
5. SEE CONSTRUCTION DETAILS FOR COLD PLANE ASPHALT CONCRETE PAVEMENT AND LIMITS OF AC LEVELING.
6. SEE SPECIFICATION BOOK APPENDIXES FOR CITY STANDARD PLANS.

TYPICAL PAVEMENT STRUCTURAL SECTION:

- 4" AC (TYPE A)
  - 5" CLASS 2 AB

- 4" CLASS 2 AB

- 5/8" CONCRETE
  - 6" CLASS 2 AB

- 2" AC (TYPE A)
  - 10" CLASS 2 AB

- 4" COLD PLANE ASPHALT CONCRETE PAVEMENT
  - 2" AC (TYPE A)

"M" 19494.15 TO 21496.93

MARIPOSA AVENUE

"M" 18403.14 TO 19494.15

MARIPOSA AVENUE
NOTE:
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
2. SEE PROPERTY EXHIBITS IN SPECIFICATION BOOK APPENDIXES FOR ADDITIONAL PROPERTY IMPROVEMENTS NOT SHOWN ON PLANS.
3. SEE SPECIFICATION BOOK APPENDIXES FOR CITY STANDARD PLANS.
4. PROTECT TREES UNLESS OTHERWISE NOTED. ANY WORK PERFORMED WITHIN 10' OF BASE OF TREE TO BE MONITORED BY A CERTIFIED ARborIST.

ALIGNMENT CURVE DATA

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<td>31.96'</td>
<td>83.88'</td>
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<tr>
<td>2</td>
<td>1100'</td>
<td>4°21'00&quot;</td>
<td>41.78'</td>
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NOTES:
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
2. REFER TO CITY OF CIRCUIT HEIGHTS STANDARD DRAWING CD-13A FOR TACTILE STRIP DETAILS.
3. SEE PROPERTY EXHIBITS IN SPECIFICATION BOOK APPENDICES FOR ADDITIONAL PROPERTY IMPROVEMENTS NOT SHOWN ON PLANS.
4. ANY WORK PERFORMED WITHIN 15' OF BASE OF TREE TO BE MONITORED BY A CERTIFIED ARBORIST.
NOTES:
1. FOR ACCURATE RIGHT-OF-WAY DATA CONTACT CITY OFFICE.
2. REFER TO 2008 COUNTY OF SACRAMENTO STANDARD DRAWING 4-14 FOR DRIVEWAY DETAILS.
3. SEE PROPERTY EXHIBITS IN SPECIFICATION BOOK APPENDIX E FOR ADDITIONAL PROPERTY IMPROVEMENTS NOT SHOWN ON PLANS.

MARIPOSA AVENUE
FL 181.08
"M" LINE
FL 181.08

23.04' RH "M" 154.77.34
FL 181.43
23.07' RH "M" 154.87.34
FL 181.58
22.98' RH "M" 154.75.34
FL 181.67
22.97' RH "M" 154.62.34
FL 181.77

UNDER SIDEWALK DRAIN

BOC

BOC

BOC

MARIPOSA AVENUE
FL 182.34
"M" LINE
FL 182.34

22.84' RH "M" 154.99.65
FL 182.44
22.90' RH "M" 154.85.12
FL 182.54
22.97' RH "M" 154.61.12
FL 182.64
23.03' RH "M" 154.31.42
OG Elev 183.34

R/W

R/W

R/W

SCALC "1" "10" SCALE "1" "10"

BOC BOW CONFORM

BOC BOW

BOC BOW

PAGE COUNT 49 17

DRIVEWAY 4 DETAIL

DRIVEWAY 5 DETAIL

DRIVEWAY 6 & 7 DETAIL

SECTION J-J

SECTION K-K

SECTION L-L

SECTION M-M

MARIPOSA AVENUE SAFE ROUTES TO SCHOOL PHASE III

CONSTRUCTION DETAILS
NOTES:
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
2. REFER TO 2008 COUNTY OF SACRAMENTO STANDARD DRAWING 4-14 FOR DRIVEWAY DETAILS.
3. SEE PROPERTY EXHIBITS IN SPECIFICATION BOOK APPENDED FOR ADDITIONAL PROPERTY
IMPROVEMENTS NOT SHOWN ON PLANS.

Driveway 10 Detail

Scale: 1" = 10'

Section N-N

6" Concrete
6" Class 2 AB

Conform

Driveway 11 Detail

Scale: 1" = 10'

Section O-O

6" Type A AC
6" Class 2 AB

Conform
NOTES:
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
2. REFER TO 2008 COUNTY OF SACRAMENTO STANDARD DRAWING 4-14 FOR DRIVeway DETAILS.
3. SEE PROPERTY EXHIBITS IN SPECIFICATION BOOK APPROXIMATED FOR ADDITIONAL PROPERTY IMPROVEMENTS NOT SHOWN ON PLANS.

CURVE DATA

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<td>61°</td>
<td>175'51&quot;</td>
<td>6.52'</td>
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<tr>
<td>2</td>
<td>20'</td>
<td>145°55'</td>
<td>3.27'</td>
<td>6.50'</td>
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DRIVEWAY 15 & 16 DETAIL
SCALE: 1"=10'

SECTION S-S
NO SCALE

SECTION T-T
NO SCALE

CONSTRUCTION DETAILS
NOTE

PROTECT UTILITY MANHOLES AND VALVE COVERS.

LEGEND

1.5" Max. Cold Plane
Asphalt Concrete Pavement

SECTION X-X

No Scale

SECTION Y-Y

No Scale

COLD PLANE AC PAVEMENT AND AC LEVELING DETAIL

Scale: 1" = 10'

MARIPOSA AVENUE SAFE ROUTES TO SCHOOL PHASE III

CONSTRUCTION DETAILS

MARIPOSA AVENUE

Drake Haglan & Associates
1090 White Rock Road, Suite 200
Rancho Cucamonga, California 91730
P: (909) 987-1234
F: (909) 987-1234

C-12

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NOTE

FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
NOTE

FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY OFFICE.
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"RW3" ELEVATION AT LIGHT POLE

1/4" = 1'-0"

NOTES:
1. PLACE BUNDLED #5 STEELS IN FOUR COURSES ABOVE LIGHT POLE FOUNDATION.
2. PARTIAL MASONRY UNITS AT OPENING FOR LIGHT POLE FOUNDATION.
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ELECTRICAL INDEX

E-1 ELECTRICAL INDEX, NOTES AND LEGEND
E-2 STREET LIGHTING
E-3 TO E-4 ELECTRICAL DETAILS

ELECTRICAL GENERAL NOTES:

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST VERSION OF THE COUNTY OF SACRAMENTO
   IMPROVEMENT STANDARDS, THE CITY OF SACRAMENTO STANDARDS CONSTRUCTION SPECIFICATIONS
   DATED JANUARY 2016, AND THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD
   SPECIFICATIONS AND PLANS DATED 2015 AND SUBSEQUENT NEW AND REVISED STANDARD PLANS.

2. IN CASE OF DIFFERENCES BETWEEN COUNTY AND CALTRANS STANDARDS, COUNTY STANDARDS SHALL
   GOVERN. IN CASE OF DIFFERENCES BETWEEN COUNTY IMPROVEMENT STANDARDS AND COUNTY
   STANDards CONSTRUCTION SPECIFICATIONS, STANDARD CONSTRUCTION SPECIFICATIONS SHALL GOVERN.

3. ALL EXISTING ELECTRICAL EQUIPMENT TO REMAIN, UNLESS OTHERWISE NOTED. IF DAMAGED BY THE
   CONTRACTOR'S OPERATIONS, EQUIPMENT SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT
   HIS EXPENSE.

4. THE CONTRACTOR SHALL CONTACT ALL UTILITIES TO VERIFY UNDERGROUND AND OVERHEAD UTILITIES.
   THE CONTRACTOR SHALL CALL 1-800-941-4988, UNDERGROUND SERVICE ALERT (U.S.A.), 48 HOURS
   PRIOR TO ALL EXCAVATION.

5. THE CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE REQUIREMENTS WITH SWUC,
   AT&T, AND OTHER AFFECTED UTILITIES PRIOR TO THE START OF WORK.

6. THE CONTRACTOR SHALL VERIFY ALL RIGHT OF WAY AND EASEMENT INFORMATION PRIOR TO
   CONSTRUCTION.

7. ALL FULL BOXES SHALL BE NO. 5 UNLESS OTHERWISE NOTED ON THE PLAN.

8. ALL NEW FULL BOXES SHALL BE LOCATED IN THE SIDEWALK WHERE APPLICABLE AND SHALL NOT BE
   INSTALLED WITHIN 36" TACTILE STRIP, RAMPS OR LANDINGS.

9. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.

ELECTRICAL LEGEND:

SUPPLY AND INSTALL 20' POLE WITH? 120 VAC AND CREE 30 W LED
UNLESS OTHERWISE NOTED ON THE PLAN, SEE SHEET E-4 FOR POLE
DETAILS.

EXISTING 52 W LED STREET LIGHT

EXISTING STREET — (12345)
LIGHT NO.

EXISTING 100 W HPS STREET LIGHT

EXISTING STREET — (12345)
LIGHT NO.

STA 14+12 01468
CITY POLE NUMBER
PROJECT NOTES (FOR THIS SHEET ONLY):

1. SUPPLY AND INSTALL 27C, 24V (120 V LIGHTING, CIRCUIT 1).
2. SUPPLY AND INSTALL 27C, 34V (120 V LIGHTING, CIRCUIT 1 & 2).
3. SUPPLY AND INSTALL 27C, 34V (120 V LIGHTING, CIRCUIT 2).
4. EXISTING 27C, 34V TO REMAIN.
5. EXISTING 34V, 34V (PE); REMOVE 34V, ADD 34V (120 V LIGHTING, CIRCUITS 1 & 2), 34V (PE).
6. EXISTING 13C, 24V (120 V LIGHTING, CIRCUIT 1), 54V (PE) TO REMAIN.
7. EXISTING 13C, 24V (120 V LIGHTING, CIRCUIT 2) TO REMAIN.
8. EXIST STREET LIGHT TO REMAIN.
9. EXISTING 27C, 24V TO REMAIN.
10. SUPPLY AND INSTALL PULL BOX IN EXISTING CONDUIT RUN.
11. REMOVE AND SALVAGE EXISTING TYPE M-40 SERVICE CAN, SUPPLY AND INSTALL A NEW TYPE M-40 SERVICE CAN ON EXISTING FOUNDATION. SEE CITY STANDARD 26-100 FOR DETAILS. FRONT DOOR SHALL FACE NORTHWEST.
12. REMOVE AND SALVAGE HPS POST-TOP LUMINAIRE FROM EXISTING POLE, SUPPLY AND INSTALL A NEW 6' LUMINAIRE, MAST ARM AND CREE 50 W LED LUMINAIRE (MODEL: NURQH-S-150-930-50K 120-277V 150 WATT 5000K) TO EXISTING POLE. SEE SHEET E-3 FOR MOUNTING ARM CONVERSION DETAIL.
13. SEE DETAIL A ON THIS SHEET FOR POLE LOCATION.
14. SEE DETAIL B ON THIS SHEET FOR POLE LOCATION.
15. SEE DETAIL C ON THIS SHEET FOR POLE LOCATION.
16. SEE DETAIL D ON THIS SHEET FOR POLE LOCATION.
17. POLE HEIGHT SHALL BE 19' 5".
18. EXISTING SERVICE CONDUIT AND CONDUCTORS, coordinate with SMD for service disconnect. Remove conductors. Add 34V (SERVICE).
19. STRIP NEW AND EXISTING CONDUCTORS.
20. CONTRACTOR SHALL USE CAUTION WHEN INSTALLING POLE NEAR UTILITIES.
21. SEE DETAIL E ON THIS SHEET FOR POLE LOCATION.
22. POLE HEIGHT SHALL BE 18'.
MATERIAL SPECIFICATIONS:
PIPE ASTM A500 GR. C, 48 KSI MIN YIELD.
ENTIRE STANDARD TO BE HOT DIP GALVANIZED IN
ACCORDANCE WITH ASTM A123. (Q)

SECTION A-A

MOUNTING ARM CONVERSION DETAIL

1/16" ID.

120°

(3) 1/2-13 X 1" BOLT
W/ HARDWARE

3/8-16 X 4 1/2" BOLT
W/ HARDWARE