



CITY OF HEMET
PUBLIC WORKS DEPARTMENT

STANDARD DRAWINGS

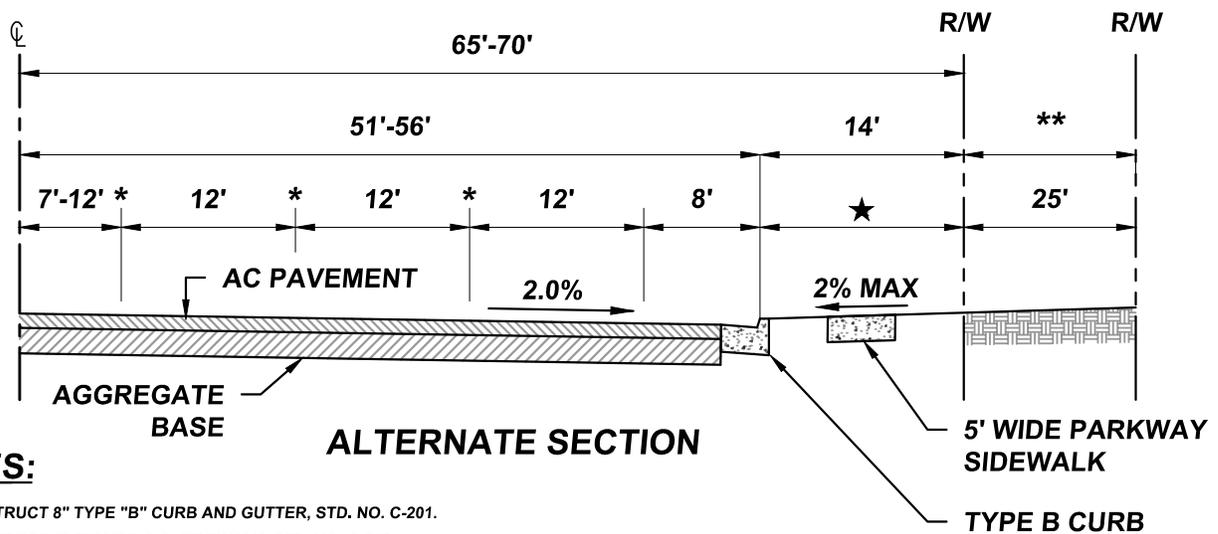
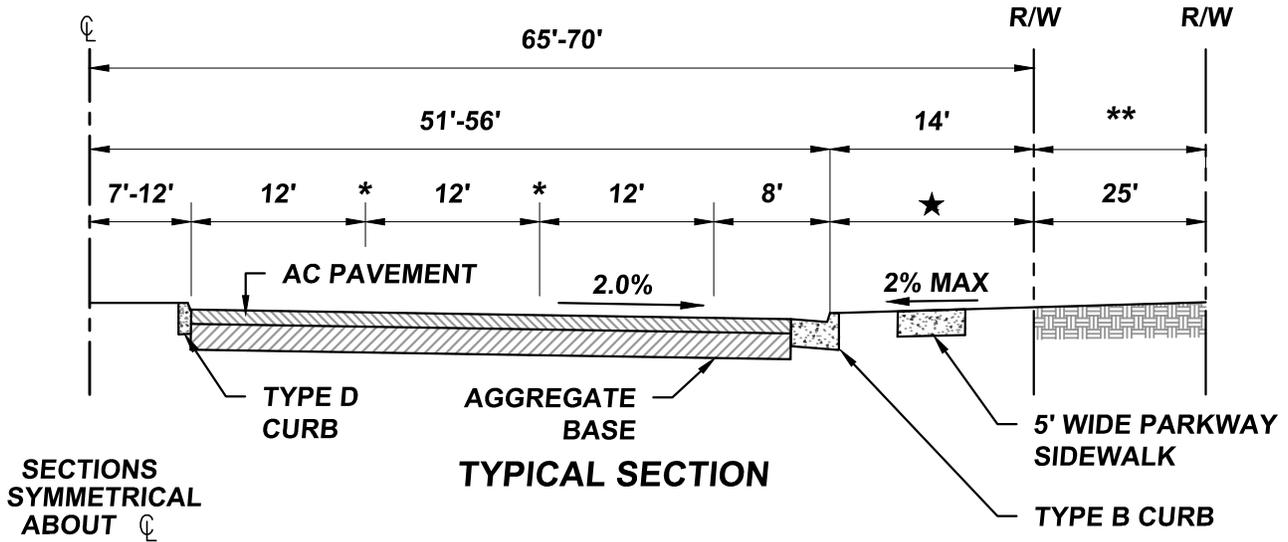
CITY OF HEMET

PUBLIC WORKS DEPARTMENT

STANDARD DRAWINGS

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NOTES:

1. CONSTRUCT 8" TYPE "B" CURB AND GUTTER, STD. NO. C-201.
 2. CONSTRUCT 4" THICK P.C.C. SIDEWALK, STD. NO. C-215.
 3. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
 4. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
 5. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
 6. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.
 7. CENTER MEDIAN TO BE EITHER PAINTED MEDIAN OR TYPE "D" CURB, STD. NO. C-203, AS DETERMINED BY CITY ENGINEER.
 8. DESIGN SPEED SHALL BE 55 M.P.H.
 9. THICKNESS OF IMPROVEMENT TO BE DETERMINED BY THE CITY ENGINEER.
 10. LED LIGHTING FIXTURE FOR GENERAL ROADWAY LIGHTING AND SAFETY LIGHTING AT SIGNALIZED INTERSECTIONS SHALL BE EVOLVE™ LED STREETLIGHT AS MANUFACTURED BY GE LIGHTING.
- ARTERIAL: ERL1-0-09-B3-30-A-GRAY-L (84W, TYPE II NARROW PHOTOMETRIC OPTION)
MINOR ARTERIAL: ERL1-0-09-C3-30-A-GRAY-L (84W, TYPE II WIDE PHOTOMETRIC OPTION)
- * LONGITUDINAL JOINT FOR FINISH COURSE A. C.
- ** ADDITIONAL RIGHT OF WAY MAY BE REQUIRED WHEN AN ARTERIAL HIGHWAY COINCIDES WITH AN ADOPTED ROUTE FOR AN ADDITIONAL PUBLIC FACILITY (I.E., PEDESTRIAN, BICYCLE, OR EQUESTRIAN TRAIL), OR FOR A SCENIC HIGHWAY.

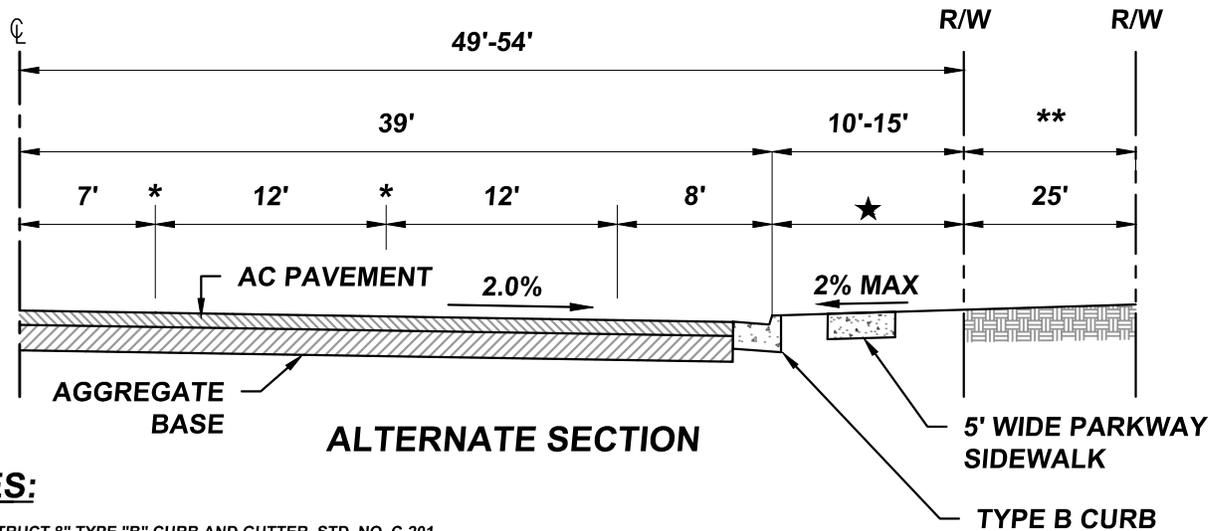
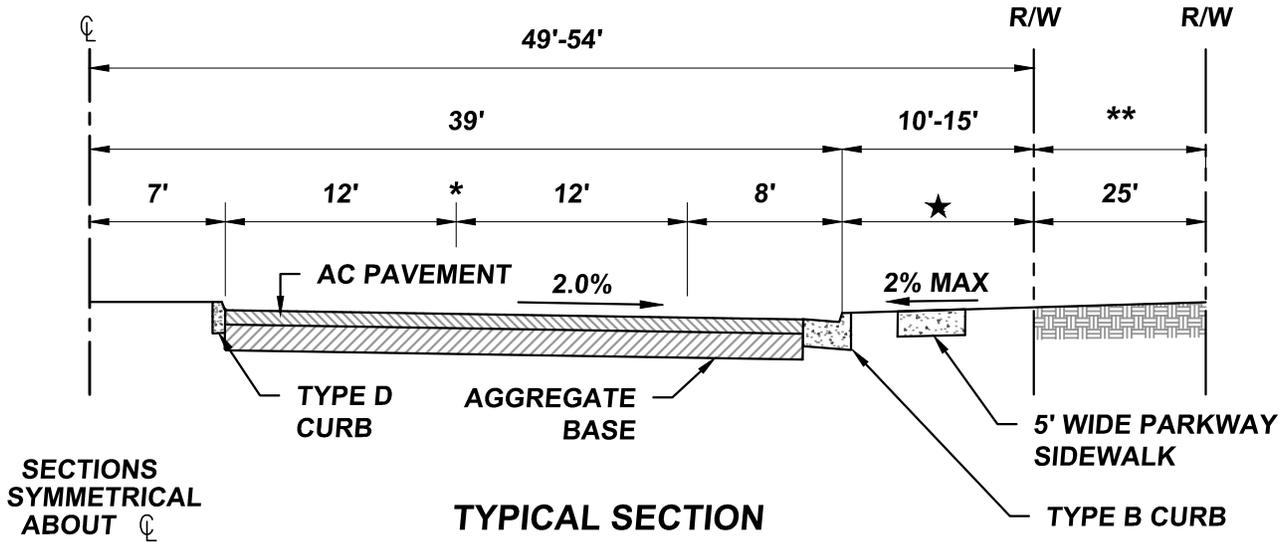
★ ALL SIDEWALK LOCATIONS PER COMMUNITY DESIGN ELEMENT USING PARKWAYS EXCEPT IN COMMERCIAL OR MULTI-FAMILY AREAS WITH ON-STREET PARKING. CROSS-SECTIONS EMPHASIZE TYPICAL CURB-TO-CURB LAYOUTS. RIGHT-OF-WAY, PARKWAY AND ADDITIONAL LANDSCAPE LOT DESIGNS ARE DISCUSSED IN THE COMMUNITY DESIGN ELEMENT.

THESE STANDARD SECTIONS ARE FOR TYPICAL ROADWAY SEGMENTS. INTERSECT/ON LANE REQUIREMENTS MAY INCREASE THE CROSS-SECTION WIDTHS.



City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
 445 E. FLORIDA AVENUE
 HEMET, CA 92543
 (951) 765-2360

ALTERNATE ROADWAY SECTION ARTERIAL ROADWAY		130'-140'
<i>Noah Rau</i>	MAR 2024	1
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE	OF 1 SHEETS
REVISIONS		STANDARD NO. ST-100
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-100.dwg M. Garvey 2024		



NOTES:

1. CONSTRUCT 8" TYPE "B" CURB AND GUTTER, STD. NO. C-201.
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4. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
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MAJOR ROADWAY: ERL1-0-09-C3-30-A-GRAY-L (84W, TYPE II WIDE PHOTOMETRIC OPTION)

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.

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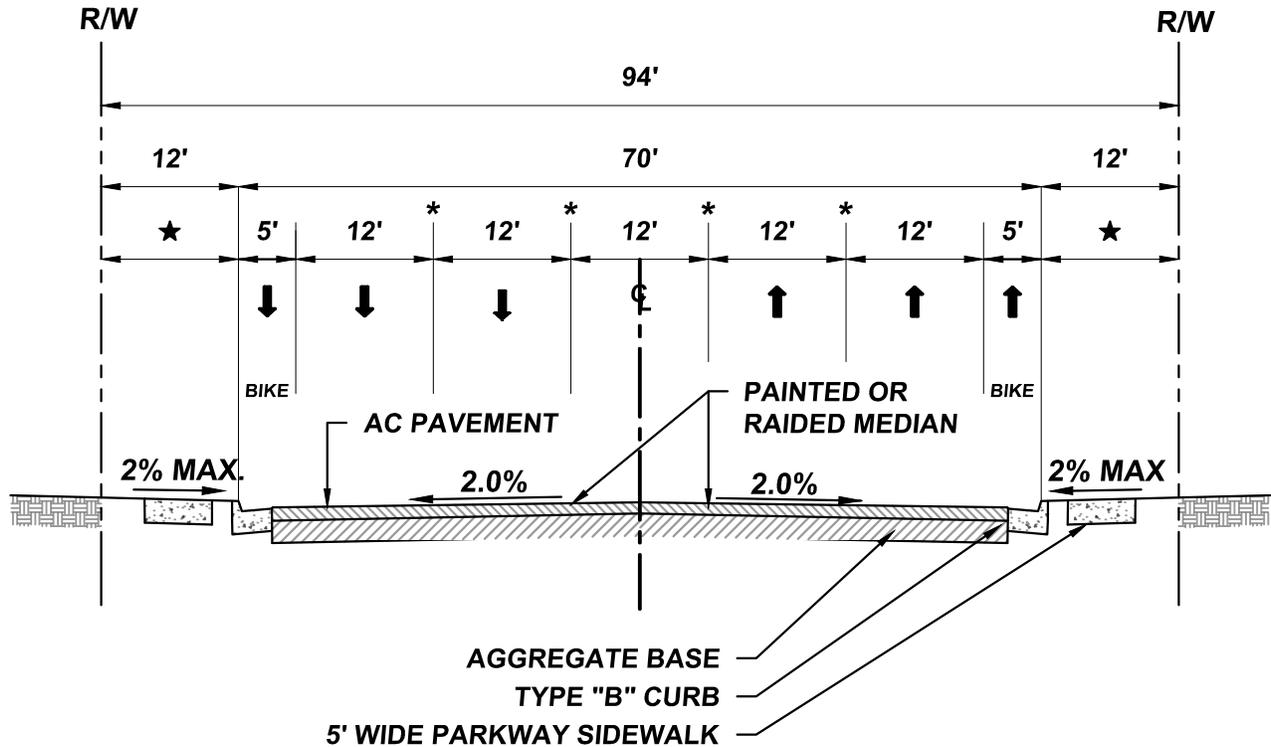
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 HEMET, CA 92543
 (951) 765-2360

**ALTERNATE ROADWAY SECTION
 MAJOR ROADWAY**

98'-108'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-101.dwg M. Garvey 2024	

1
 OF **1** SHEETS
STANDARD NO.
ST-101



NOTES:

1. CONSTRUCT 8" TYPE "B" CURB AND GUTTER STD. C-201.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 8.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
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6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.
8. LED LIGHTING FIXTURE FOR GENERAL ROADWAY LIGHTING AND SAFETY LIGHTING AT SIGNALIZED INTERSECTIONS SHALL BE EVOLVE™ LED STREETLIGHT AS MANUFACTURED BY GE LIGHTING.
SECONDARY ROADWAY: ERL1-0-09-C3-30-A-GRAY-L (84W, TYPE II WIDE PHOTOMETRIC OPTION)

★ ALL SIDEWALK LOCATIONS PER COMMUNITY DESIGN ELEMENT USING PARKWAYS EXCEPT IN COMMERCIAL OR MULTI-FAMILY AREAS WITH ON-STREET PARKING. CROSS-SECTIONS EMPHASIZE TYPICAL CURB-TO-CURB LAYOUTS. RIGHT-OF-WAY, PARKWAY AND ADDITIONAL LANDSCAPE LOT DESIGNS ARE DISCUSSED IN THE COMMUNITY DESIGN ELEMENT.

THESE STANDARD SECTIONS ARE FOR TYPICAL ROADWAY SEGMENTS. INTERSECT/ON LANE REQUIREMENTS MAY INCREASE THE CROSS-SECTION WIDTHS.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.

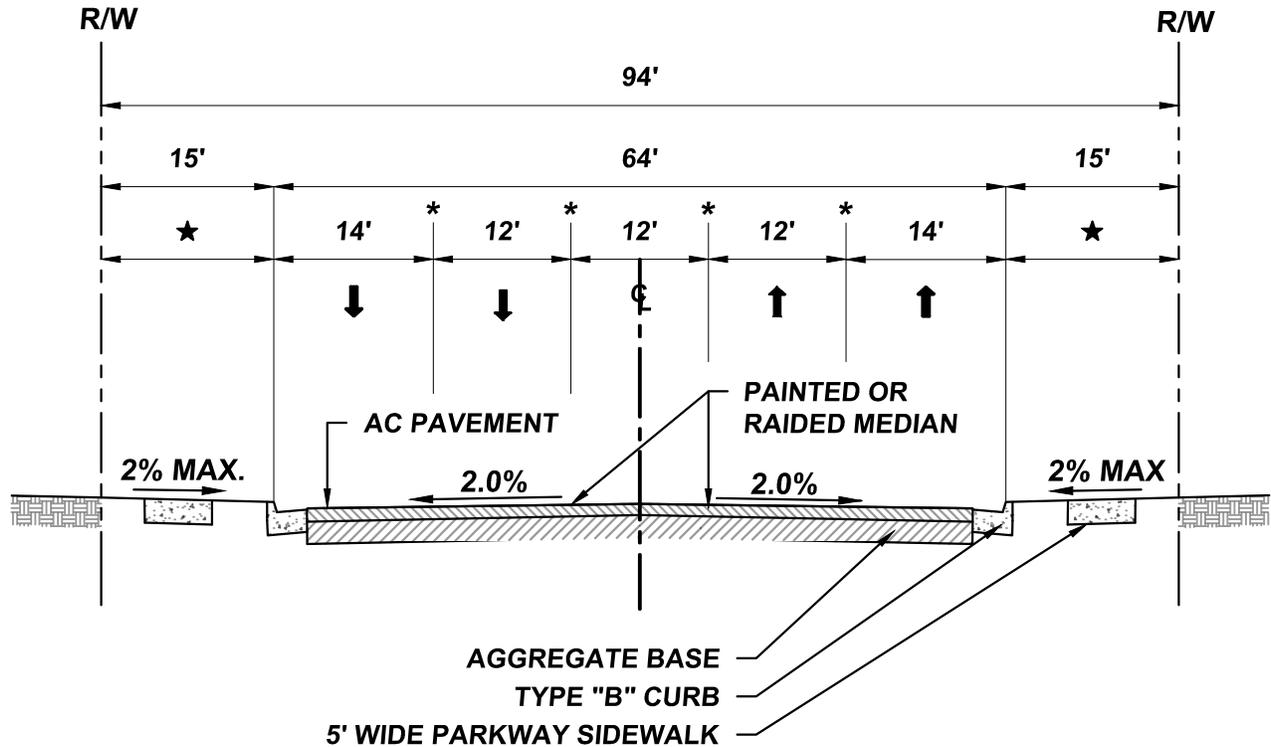


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**TYPICAL ROADWAY SECTION
 DIVIDED SECONDARY - A (W / BIKE LANES) 94'**

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-102.dwg M. Garvey 2024	

1
 OF **3** SHEETS
**STANDARD NO.
 ST-102**



NOTES:

1. CONSTRUCT 8" TYPE "B" CURB AND GUTTER STD. C-201.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 8.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
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7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.
8. LED LIGHTING FIXTURE FOR GENERAL ROADWAY LIGHTING AND SAFETY LIGHTING AT SIGNALIZED INTERSECTIONS SHALL BE EVOLVE™ LED STREETLIGHT AS MANUFACTURED BY GE LIGHTING.
SECONDARY ROADWAY: ERL1-0-09-C3-30-A-GRAY-L (84W, TYPE II WIDE PHOTOMETRIC OPTION)

★ ALL SIDEWALK LOCATIONS PER COMMUNITY DESIGN ELEMENT USING PARKWAYS EXCEPT IN COMMERCIAL OR MULTI-FAMILY AREAS WITH ON-STREET PARKING. CROSS-SECTIONS EMPHASIZE TYPICAL CURB-TO-CURB LAYOUTS. RIGHT-OF-WAY, PARKWAY AND ADDITIONAL LANDSCAPE LOT DESIGNS ARE DISCUSSED IN THE COMMUNITY DESIGN ELEMENT.

THESE STANDARD SECTIONS ARE FOR TYPICAL ROADWAY SEGMENTS. INTERSECT/ON LANE REQUIREMENTS MAY INCREASE THE CROSS-SECTION WIDTHS.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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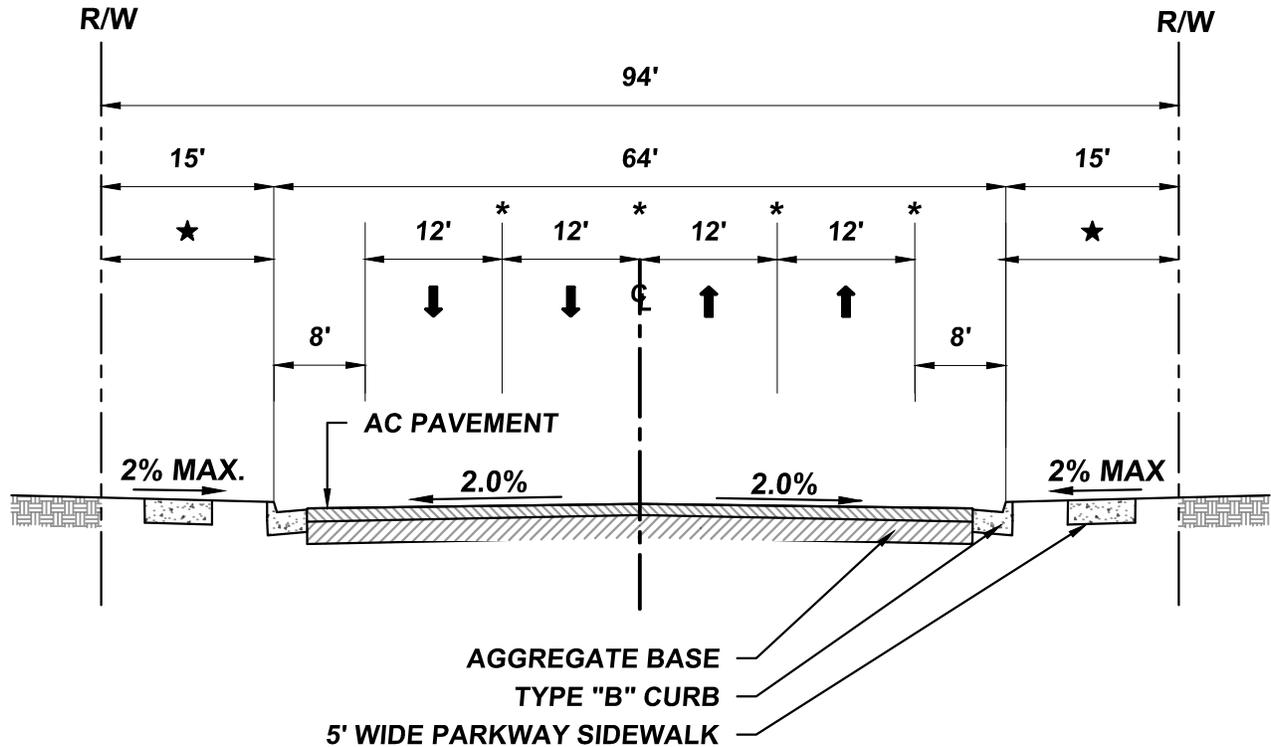
**TYPICAL ROADWAY SECTION
 DIVIDED SECONDARY - B**

94'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-102A.dwg M. Garvey 2024	

2
 OF 3 SHEETS

**STANDARD NO.
 ST-102A**



NOTES:

1. CONSTRUCT 8" TYPE "B" CURB AND GUTTER STD. C-201.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 8.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
5. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.
8. LED LIGHTING FIXTURE FOR GENERAL ROADWAY LIGHTING AND SAFETY LIGHTING AT SIGNALIZED INTERSECTIONS SHALL BE EVOLVE™ LED STREETLIGHT AS MANUFACTURED BY GE LIGHTING.
SECONDARY ROADWAY: ERL1-0-09-C3-30-A-GRAY-L (84W, TYPE II WIDE PHOTOMETRIC OPTION)

★ ALL SIDEWALK LOCATIONS PER COMMUNITY DESIGN ELEMENT USING PARKWAYS EXCEPT IN COMMERCIAL OR MULTI-FAMILY AREAS WITH ON-STREET PARKING. CROSS-SECTIONS EMPHASIZE TYPICAL CURB-TO-CURB LAYOUTS. RIGHT-OF-WAY, PARKWAY AND ADDITIONAL LANDSCAPE LOT DESIGNS ARE DISCUSSED IN THE COMMUNITY DESIGN ELEMENT.
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* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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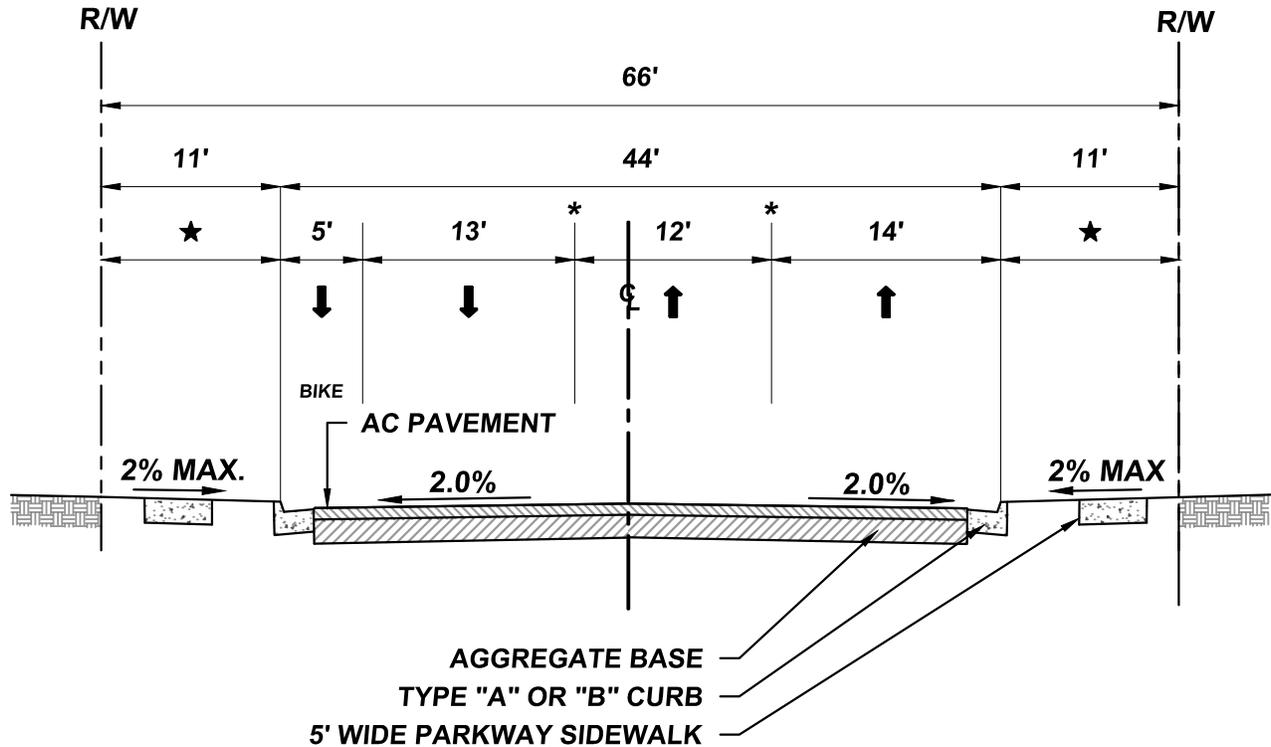
**TYPICAL ROADWAY SECTION
 SECONDARY**

94'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-102B.dwg M. Garvey 2024	

3
 OF 3 SHEETS

**STANDARD NO.
 ST-102B**



NOTES:

1. CONSTRUCT 6" TYPE "A" OR 8" TYPE "B" CURB AND GUTTER STD. NO. C-200 OR C-201, AS DETERMINED BY CITY ENGINEER.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 6.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
5. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"x 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"x 4"x 16" STAKES ON 6' C.C.
8. LED LIGHTING FIXTURE FOR GENERAL ROADWAY LIGHTING AND SAFETY LIGHTING AT SIGNALIZED INTERSECTIONS SHALL BE EVOLVE™ LED STREETLIGHT AS MANUFACTURED BY GE LIGHTING.
COLLECTOR ROADWAY: ERL1-0-05-B3-30-A-GRAY-L (22W)

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* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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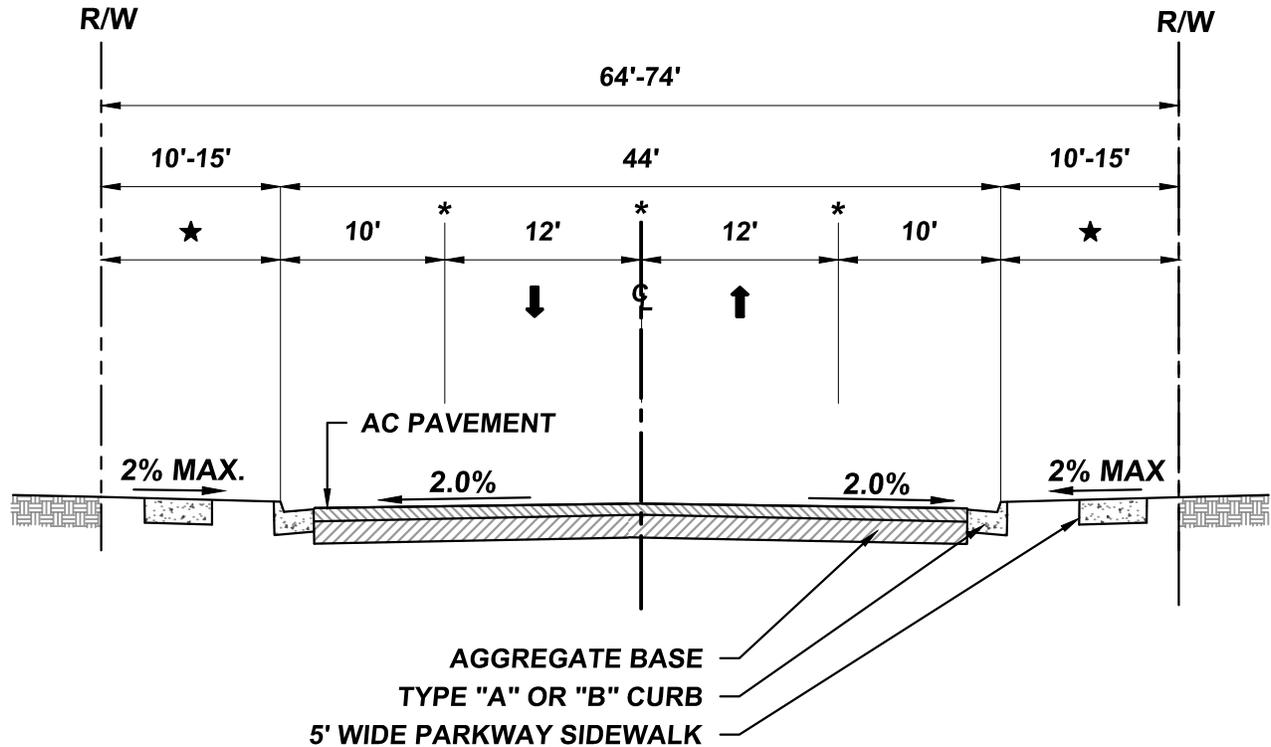
**TYPICAL ROADWAY SECTION
 EXPRESS COLLECTOR**

66'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-103.dwg M. Garvey 2024	

1
 OF **1** SHEETS

**STANDARD NO.
 ST-103**



NOTES:

1. CONSTRUCT 6" TYPE "A" OR 8" TYPE "B" CURB AND GUTTER STD. NO. C-200 OR C-201, AS DETERMINED BY CITY ENGINEER.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 6.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
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COLLECTOR ROADWAY: ERL1-0-05-B3-30-A-GRAY-L (22W)

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* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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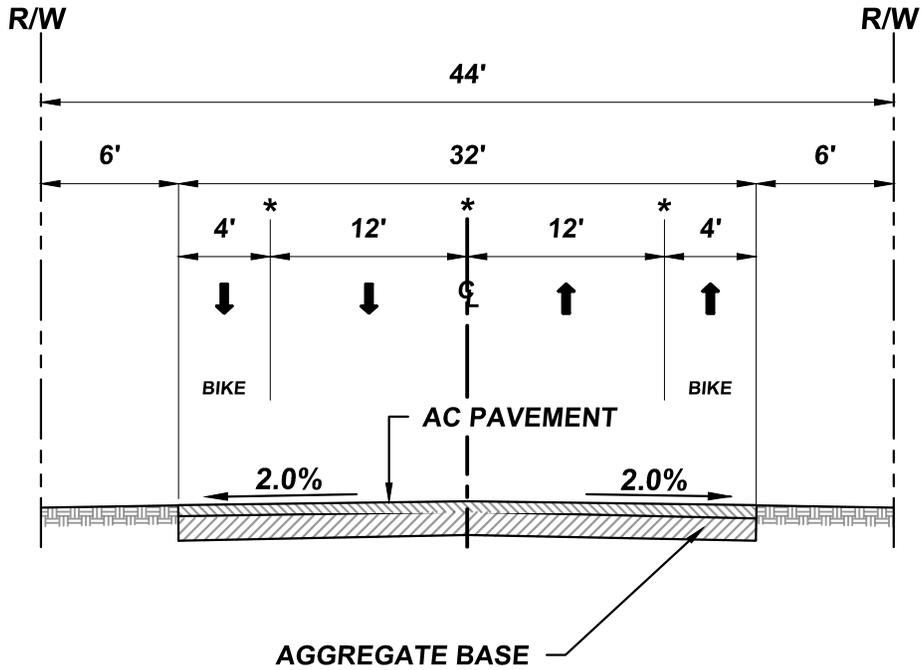
**TYPICAL ROADWAY SECTION
 COLLECTOR**

64'-74'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-104.dwg M. Garvey 2024	

1
 OF **1** SHEETS

**STANDARD NO.
 ST-104**



NOTES:

1. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 5.5 MIN.).
2. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
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* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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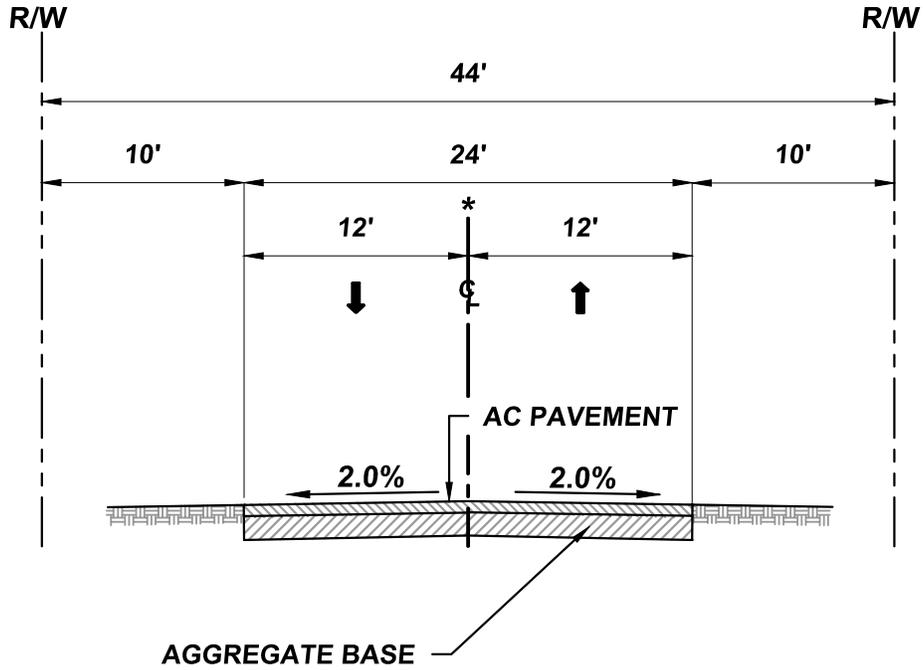
**TYPICAL ROADWAY SECTION
 RURAL-A (W / BIKE LANES)**

44'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-105.dwg M. Garvey 2024	

1
 OF 2 SHEETS

**STANDARD NO.
 ST-105**



NOTES:

1. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 5.5 MIN.).
2. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
3. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



City of Hemet
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
 445 E. FLORIDA AVENUE
 HEMET, CA 92543
 (951) 765-2360

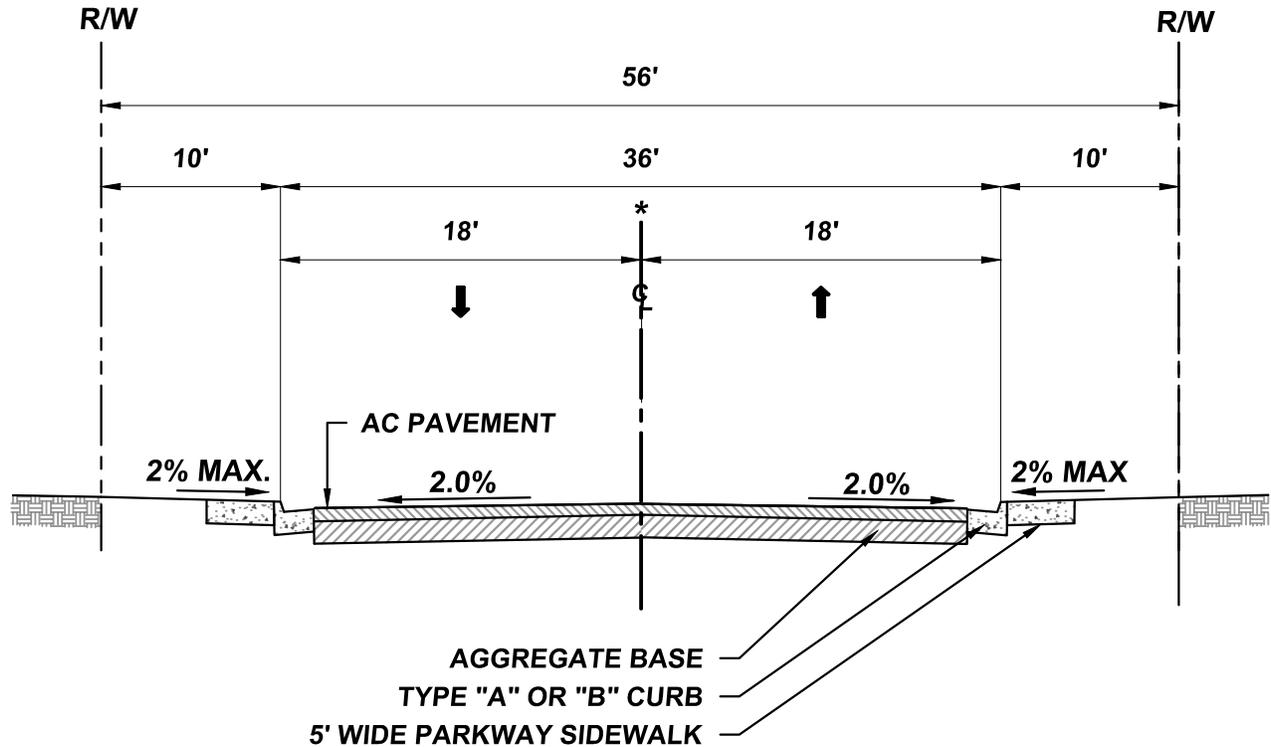
**TYPICAL ROADWAY SECTION
 RURAL-B**

44'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-105A.dwg M. Garvey 2024	

2
 OF **2** SHEETS

**STANDARD NO.
 ST-105A**



NOTES:

1. CONSTRUCT 6" TYPE "A" OR 8" TYPE "B" CURB AND GUTTER STD. NO. C-200 OR C-201, AS DETERMINED BY CITY ENGINEER.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 5.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
5. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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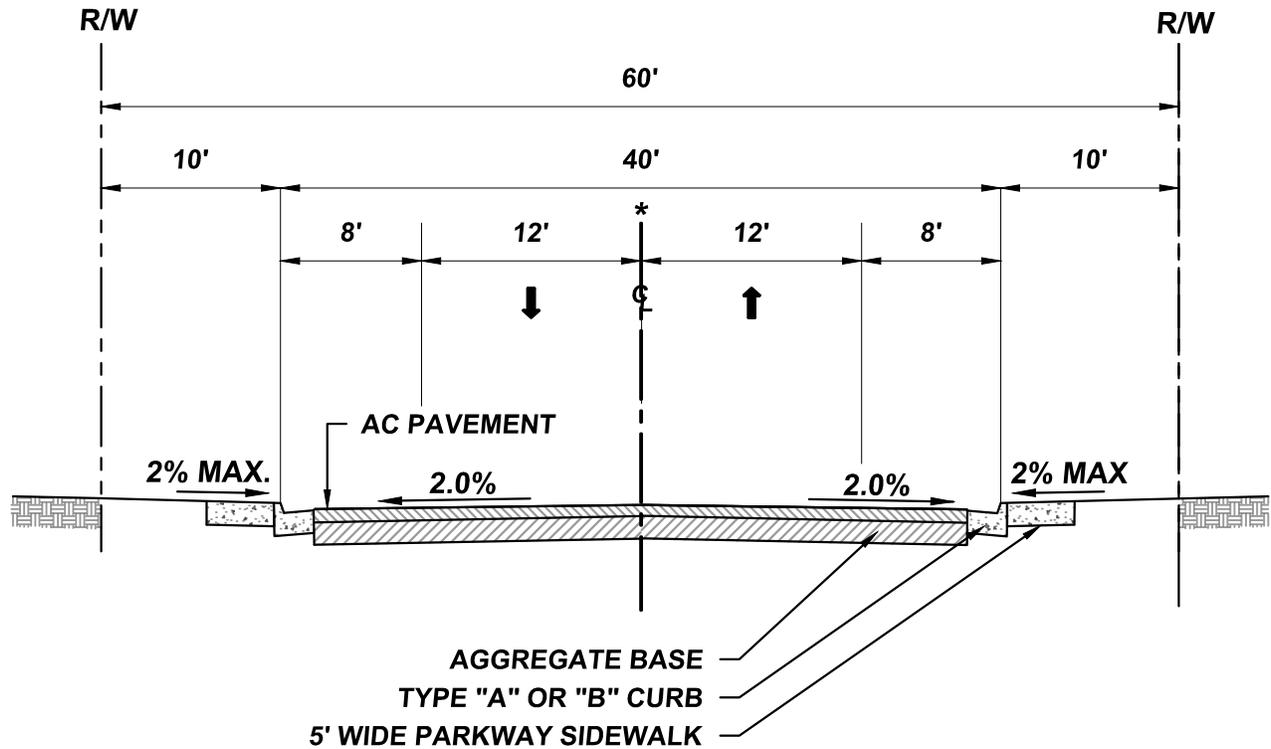
TYPICAL ROADWAY SECTION
RESTRICTED LOCAL ROADWAY

56'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-106.dwg M. Garvey 2024	

1
 OF 2 SHEETS

STANDARD NO.
ST-106



NOTES:

1. CONSTRUCT 6" TYPE "A" OR 8" TYPE "B" CURB AND GUTTER STD. NO. C-200 OR C-201, AS DETERMINED BY CITY ENGINEER.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 5.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
5. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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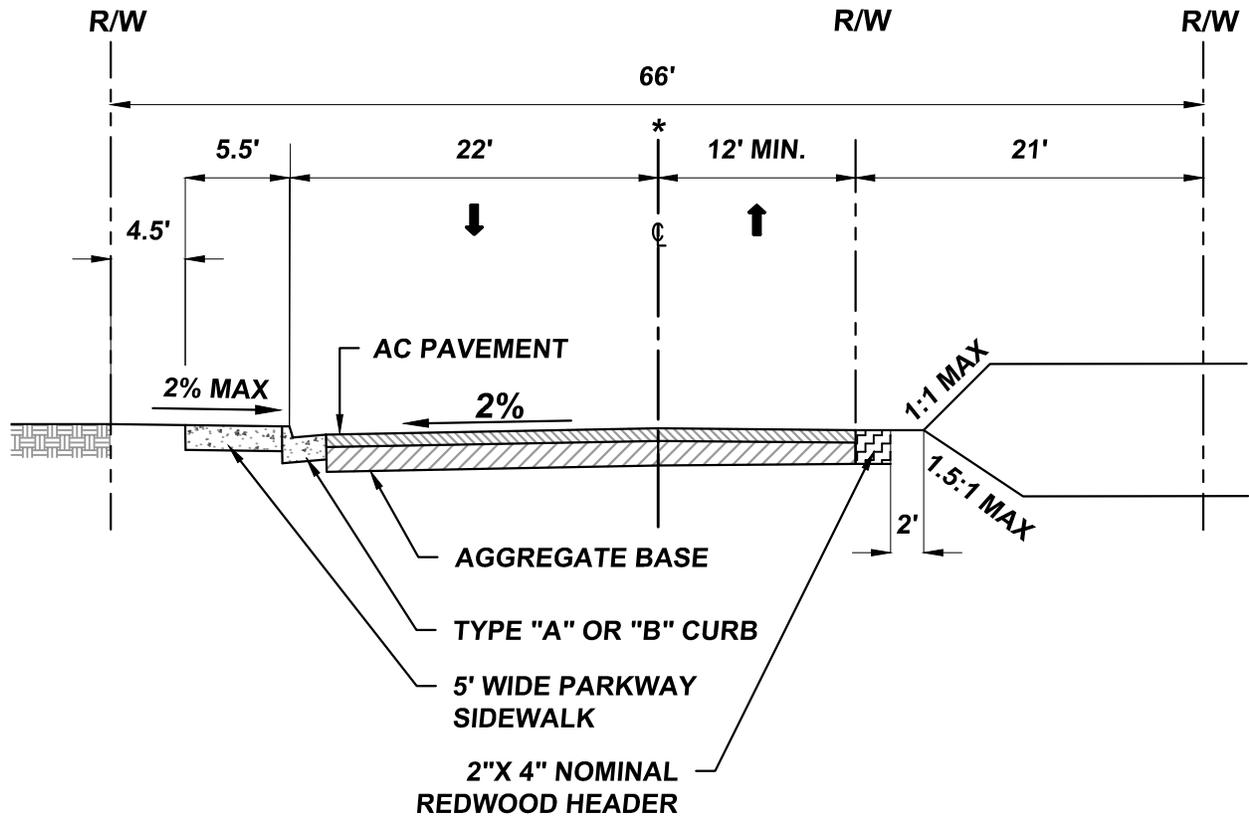
**TYPICAL ROADWAY SECTION
 LOCAL ROADWAY**

60'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
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 OF **2** SHEETS

**STANDARD NO.
 ST-106A**



NOTES:

1. CONSTRUCT 6" TYPE "A" OR 8" TYPE "B" CURB AND GUTTER STD. NO. C-200 OR C-201, AS DETERMINED BY CITY ENGINEER.
2. CONSTRUCT 4" THICK P.C.C. SIDEWALK.
3. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 6.5 MIN.).
4. THE TOP 12" OF SOIL MATERIAL (Finished Subgrade) SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12. AFTER COMPACTION AND TRIMMING, THE SUBGRADE SHALL BE FIRM, HARD, AND UNYIELDING. AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% COMPACTION RELATIVE TO ASTM D-1557-12.
5. MATERIAL PREPARATION PER LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
6. EDGE OF PAVING TO BE 3/8" HIGHER THAN LIP OF GUTTER.
7. HALF STREET AND ENDS OF STREETS NOT TERMINATING IN CUL-DE-SAC, MUST HAVE 2"X 4" REDWOOD HEADERS PLACED AT THE EDGE OF PAVEMENT, WITH 2"X 4"X 16" STAKES ON 6' C.C.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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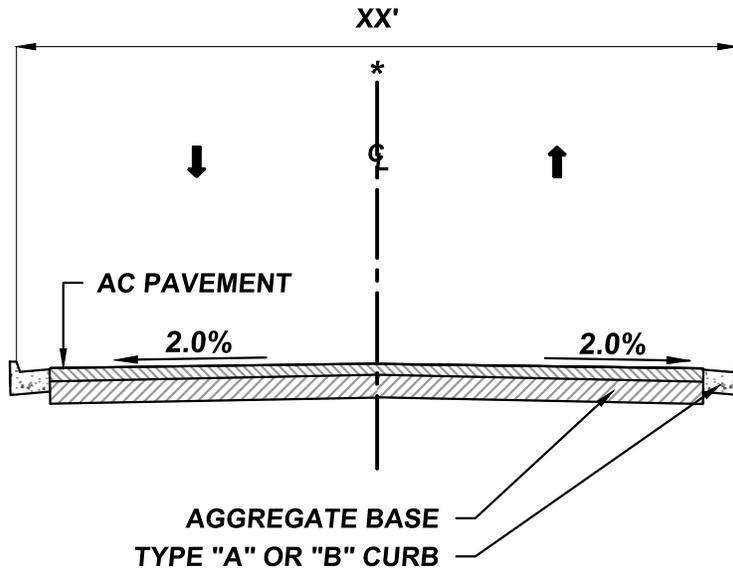
TYPICAL ROADWAY SECTION
PART WIDTH ROADWAY SECTION

66'

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
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1
 OF **1** SHEETS

STANDARD NO.
ST-107



TYPICAL STREET SECTION

NOTES:

1. CONSTRUCT MINIMUM 4" A.C. IN TWO LIFTS OVER 6" A.B. WITH SC-250 PRIME COAT, FINAL SECTION TO BE DETERMINED BY SOILS TESTS (TI = 5.5 MIN.).
2. STRUCTURAL DESIGN SECTIONS SHOULD BE INCORPORATED IN THE PRELIMINARY SOILS REPORTS.
3. ASPHALT CONCRETE SURFACING SHALL COMPLY WITH SECTION 203-1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. PUBLIC WORKS REQUIREMENTS ON CURB SIZES SHALL BE FOR EAST AND WEST STREETS 8" CURB FACE AND FOR NORTH AND SOUTH STREETS 6" CURB FACE OR AS DETERMINED BY CITY ENGINEER.

* LONGITUDINAL JOINT FOR FINISH COURSE A. C.



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TYPICAL ROADWAY SECTION

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
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1
 OF 1 SHEETS
STANDARD NO.
ST-108

**PRELIMINARY GENERAL NOTES
FOR SUBDIVISIONS AND LARGE DEVELOPMENTS PROJECTS**

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE IMPROVEMENTS OF DEVELOPMENTS WITHIN THE CITY OF HEMET IN ACCORDANCE WITH CITY OF HEMET ORDINANCES.
2. THE CONTRACTOR OR DEVELOPER SHALL SECURE ALL PERMITS REQUIRED BY THE CITY OF HEMET.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PUBLIC WORKS DEPARTMENT 72 HOURS IN ADVANCE, PRIOR TO THE CONCEALING OF EACH PHASE OF WORK SO THAT THE CONSTRUCTION INSPECTOR CAN INSPECT THE WORK BEING DONE. CALL THE INSPECTION REQUEST LINE AT (951) 765-3860.
4. ASPHALT CONCRETE PAVING SHALL COMPLY WITH SECTION 203-1 OF THE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
5. CURBS, GUTTERS, SIDEWALKS AND STREET SIGNS SHALL BE INSTALLED AS PER CITY OF HEMET STANDARDS, EXCEPT AS NOTED.
6. ANY RELOCATION OF EXISTING FACILITIES SHALL BE THE RESPONSIBILITY AND AT THE EXPENSE OF THE DEVELOPER.
7. SEWER PIPE MAY BE EITHER VITRIFIED CLAY OR POLYVINYL CHLORIDE AND MUST MEET SPECIFICATIONS FOR SANITARY SEWERS ON FILE IN THE CITY OF HEMET OFFICES.
8. SEWER LATERALS SHALL BE CARRIED TO PROPERTY LINES PER STD. NO. S-600, LOCATIONS SHALL BE MARKED ON THE CURB AS DIRECTED BY THE CITY OF HEMET.
9. SEWER INSTALLATION AND CONSTRUCTION SHALL COMPLY WITH REQUIREMENTS OF STANDARDS OR SPECIFICATIONS OR SANITARY SEWERS FILED IN THE CITY OFFICES, CITY OF HEMET. SEWER MAINS SHALL BE LOCATED 5' NORTH OR EAST OF CENTERLINE OR AS SHOWN ON PLANS.
10. ALL SEWER AND STORM DRAIN LINE CONSTRUCTION SHALL BE INSPECTED AFTER INSTALLATION WITH A MOBILE TELEVISION INSPECTION UNIT AT THE DEVELOPER'S EXPENSE. VIDEO LOGS SHALL BE VHS/DVD FORMAT SUBMITTED TO THE PUBLIC WORKS DEPT. FOR REVIEW PRIOR TO APPROVAL OF THE FACILITIES.
11. MANHOLES SHALL BE STANDARD 48" I.D. ECCENTRIC PRECAST CONCRETE MANHOLES AS PER STANDARD NO. S-602.
12. THE TOP FIVE FEET OF ALL TRENCH BACKFILL AND ALL BEDDING SHALL BE COMPACTED TO 90 PERCENT MINIMUM RELATIVE COMPACTION EXCEPT THAT THE TOP 12 INCHES OF SUBGRADE MATERIAL SHALL BE COMPACTED TO 95 PERCENT MINIMUM RELATIVE COMPACTION. BACKFILL BELOW FIVE FEET SHALL BE COMPACTED TO 85 PERCENT MINIMUM RELATIVE COMPACTION. IN NO EVENT SHALL THE BACKFILL MATERIAL BE COMPACTED TO A DENSITY OF LESS THAN THAT OF THE UNDISTRIBUTED SOIL SURROUNDING THE TRENCH.
13. STREET LIGHTS ARE A CITY REQUIRMENT AND SHALL BE INSTALLED AS PER AGREEMENT BETWEEN SOUTHERNCALIFORNIA EDISON COMPANY, THE CITY OF HEMET, AND THE DEVELOPER.
14. THERE SHALL BE A MINIMUM OF 2.5' OF FULL FACE CURB BETWEEN THE PROLONGATION OF ANY PROPERTY LINE AND THE BEGINNING OF ANY DRIVEWAY APPROACH. THERE SHALL BE A MINIMUM OF 5.0' OF FULL FACE CURB BETWEEN THE BEGINNING OF ANY DRIVEWAY APPROACH AND THE BEGINNING OR END OF THE CURB RETURN.



City of Hemet
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ENGINEERING DIVISION
 445 E. FLORIDA AVENUE
 HEMET, CA 92543
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GENERAL NOTES

<i>Noah Rau</i>	MAR 2024	
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE	
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1
 OF 2 SHEETS
STANDARD NO.
ST-109

**PRELIMINARY GENERAL NOTES
FOR SUBDIVISIONS AND LARGE DEVELOPMENTS PROJECTS**

15. DRIVEWAYS ARE TO BE CONSTRUCTED TO EACH LOT PER CITY STANDARDS NO. C-208, C-209, C-210 AND C-217. EXACT LOCATION AND WIDTHS OF DRIVEWAYS SHALL BE PROVIDED BY THE SUBDIVISION OWNER.
16. ALL POSTS FOR STREET NAME SIGNS AND TRAFFIC CONTROL SIGNS SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF CONCRETE SIDEWALK. EXACT LOCATION FOR SIGN POSTS SHALL BE DESIGNATED BY THE DEPARTMENT OF PUBLIC WORKS. ALL SIGNS SHALL BE FURNISHED BY THE CONTRACTOR/DEVELOPER.
17. INSTALL AUTOMATIC IRRIGATION SYSTEM TO ALL OFF-SITE VEGETATION.
18. ALL PERMITS ARE TO BE ISSUED BY THE CITY OF HEMET PRIOR TO THE PRECONSTRUCTION CONFERENCE BETWEEN THE DEVELOPER, HIS ENGINEER, CONTRACTOR, AND A PUBLIC WORKS INSPECTOR.
19. THE FINAL PAVING COURSE FOR ROAD MIX AND A.C. SURFACE STREET SHALL BE ONE TENTH OF A FOOT (.10') IN THICKNESS AND A MINIMUM OF EIGHT FEET (8') IN WIDTH OR AS WIDE AS NECESSARY TO COVER ALL BREAK-OUTS AND OVERLAP EXISTING PAVEMENT TWO FEET (2') ON EITHER SIDE OF TRENCH, WHICHEVER IS THE GREATER. THIS REQUIREMENT ALSO APPLIES TO PAVING TIE-INS TO NEW CURB AND GUTTER FROM AN EXISTING STREET. (IN SOME INSTANCES, IT WILL BE NECESSARY TO OVERLAY A MINIMUM OF ONE-HALF THE STREET TO OBTAIN THE PROPER TIE-IN TO NEW CURB AND GUTTER. THE AMOUNT OF SUCH OVERLAY SHALL BE DETERMINED IN THE FIELD BY THE PUBLIC WORKS INSPECTOR AND THE DEVELOPER OR OWNER WILL BE RESPONSIBLE FOR PAYMENT THEREOF.) BY THE PUBLIC WORKS INSPECTOR AND THE DEVELOPER OR OWNER WILL BE RESPONSIBLE FOR PAYMENT THEREOF.) FINAL PAVING COURSE SHALL BE LAID WITH A SELF-PROPELLED MECHANICAL SPREADING AND FINISHING MACHINE EQUIPPED WITH TAMPER BARS AND AUTOMATIC SCREED (BARBER GREEN OR APPROVED EQUAL).
20. ALL STREET AND PARKING LOT SUBGRADE MATERIAL AND A.B. MATERIAL SHALL BE COMPACTED TO 95% DENSITY FOR THE TOP 12". CLASS 2 BASE SHALL BE OBTAINED PRIOR TO THE PLACEMENT OF ANY AGGREGATE BASE MATERIAL.
21. PROVIDE ADA COMPLIANT RAMPS AT ALL SIDEWALK INTERSECTIONS. TRUNCATED DOME TILES FOR VISION IMPAIRED PERSONS SHALL BE PROVIDED AT ALL HANDICAP RAMPS.
22. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR OR THE DEVELOPER TO TEMPORARILY PATCH ALL UTILITY TRENCHES WITHIN EXISTING PAVED STREETS. THE TEMPORARY PATCH SHALL BE REMOVED AND REPLACED WITH A PERMANENT PATCH AT TIME OF A.C. RESURFACING. RECESSED STEEL PLATES MY BE USED.
23. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER AFTER THE BASE COURSE FOR THE STREETS HAS BEEN PLACED AND BEFORE THE PAVING HAS BEEN INSTALLED SO THAT THE ENGINEER MAY INSTALL THE STREET CENTER LINE MONUMENTS.
24. THE CONTRACTOR/DEVELOPER WILL HOLD HARMLESS, INDEMNIFY AND DEFEND THE CITY OF HEMET, THE OWNER, THE ARCHITECT, THE ENGINEER, AND HIS CONSULTANTS, AND EACH OF THEIR OFFICERS AND EMPLOYEES AND AGENTS, THE ARCHITECT, THE ENGINEER, AND HIS CONSULTANTS, AND EACH OF THEIR OFFICERS AND EMPLOYEES AND AGENTS, OF WORK DESCRIBED HEREIN BUT NOT INCLUDING THE SOLE NEGLIGENCE OF THE CITY OF HEMET, THE OWNER, THE ARCHITECT, THE ENGINEER AND HIS CONSULTANTS, AND EACH OF THEIR OFFICERS AND EMPLOYEES AND AGENTS.
25. A 72-HOUR NOTICE IS REQUIRED PRIOR TO PUBLIC WORKS INSPECTIONS. CALL THE INSPECTION REQUEST LINE AT (951) 765-3860.
26. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND/OR DEVELOPER TO PROTECT FROM DAMAGE ANY UTILITY OR OTHER APPURTANCE THAT IS TO REMAIN IN PLACE, BE INSTALLED, RELOCATED OR OTHERWISE RE-ARRANGED.



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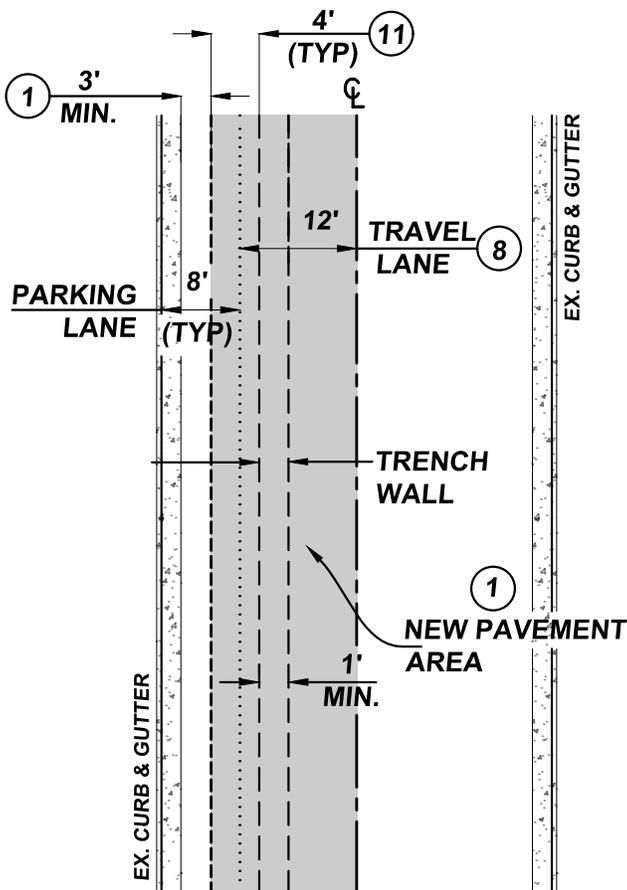
GENERAL NOTES

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-109A.dwg	M. Garvey 2024

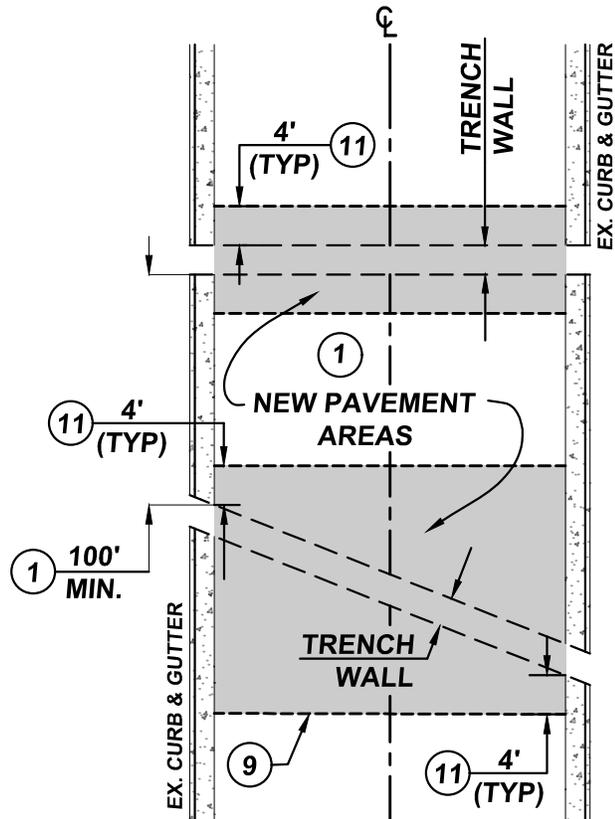
2
 OF **2** SHEETS
STANDARD NO.
ST-109A

NOTES FOR ALL STREETS:

1. GRIND AND PAVE AC MIN. 0.1'-FT EACH SIDE OF TRENCH. IF EDGE OF GRIND IS WITHIN 36" OF EDGE OF PAVEMENT THEN CONTRACTOR TO GRIND AND PAVE SAID AREA.
2. EXISTING AC EDGES TO BE SAWCUT PARALLEL TO THE WIDEST POINT.
3. REPLACE AC/BASE WITH EXISTING THICKNESS PLUS 1", E.G. 3" AC/6" BASE >> 4"AC/7" BASE.
4. NEW AC TYPE TO MATCH EXISTING FOR AREAS GREATER THAN 50 SF, E.G ARHM.
5. COMPACTION OF SOIL TO BE AT LEAST 90% FROM BOTTOM OF BASE TO TOP OF PIPE ZONE, WITH THE EXCEPTION THAT THE UPPER 12 INCHES OF SOIL SUBGRADE AND ALL AGGREGATE BASE BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION.
6. TRENCHES LESS THAN 12" WIDE TO BE SLURRY-FILLED WITH A MINIMUM 2-SACK CEMENT-SAND SLURRY.
7. COMPACTION TEST RESULTS FOR TRENCH TO BE PROVIDED BY PERMITTEE FOR AREAS GREATER THAN 50 SF.
8. AC TO EXTEND FULL WIDTH OF TRAVEL LANES (12 FT MIN.), UNLESS EXISTING PAVING IS SEVERELY DAMAGED.
9. AC JOINTS TO BE PERPENDICULAR OR PARALLEL W/ C.L. PARALLEL JOINTS TO BE AT LANE LINES.
10. TRENCHES CLOSER THAN 100 FEET REQUIRE COMPLETE REPAVEMENT BETWEEN THE TRENCHES WITH MIN. 1 1/2" GRIND AND AC OVERLAY.
11. GRIND AC MIN. 4 FEET IN FRONT/BACK OF TRENCH.
12. CITY ENGINEER TO DETERMINE IF STREET IS IN A SEVERLY DAMAGED CONDITION.
13. STEEL PLATES TO COVER TRENCHING ACTIVITIES SHALL BE RECESSED IN THE A.C.
14. STEEL PLATES SHALL BE DESIGNED FOR H-20 LOADING AND BE SKID RESISTANT.
15. STEEL PLATING SHALL NOT EXCEED 50 LINEAR FEET UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
16. IN PLACES WHERE TRENCHES IMPACT CROSS GUTTERS, FULL CONCRETE REPLACEMENT BETWEEN JOINTS SHALL BE REQUIRED. SPANDRELS AND CURB RETURN REQUIRE FULL RECONSTRUCTION IF AFFECTED BY TRENCHING OPERATIONS.



LONGITUDINAL CUTS



TRANSVERSE CUTS



City of Hemet
PUBLIC WORKS DEPARTMENT
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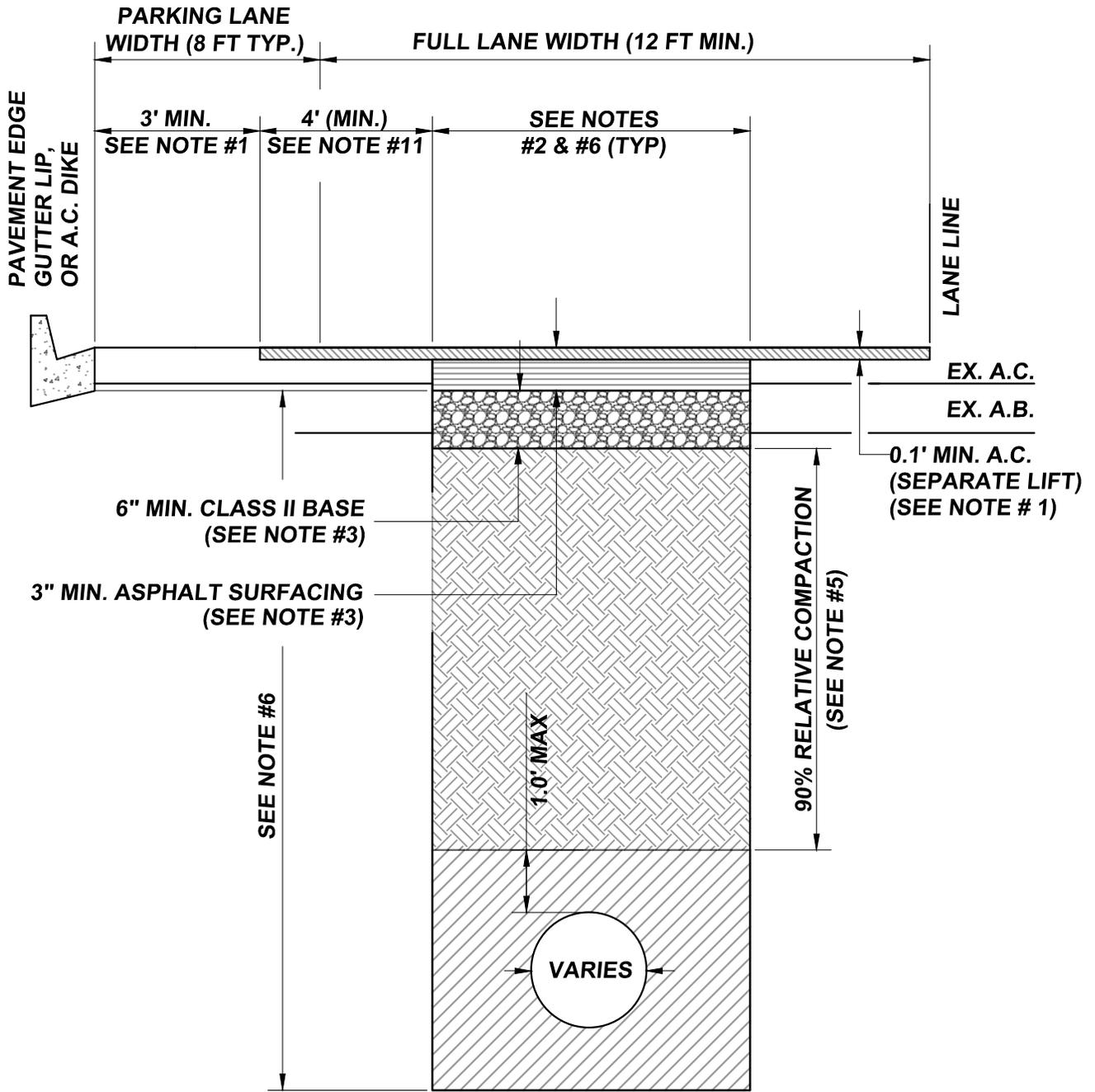
TRENCH BACKFILL & REPAVING

<i>Noah Rau</i>	MAR 2024	
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE	
REVISIONS		
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-110.dwg M. Garvey 2024		

1

OF **4** SHEETS

STANDARD NO.
ST-110



**NOTE DESCRIPTIONS ON ST-110
LONGITUDINAL CUTS**

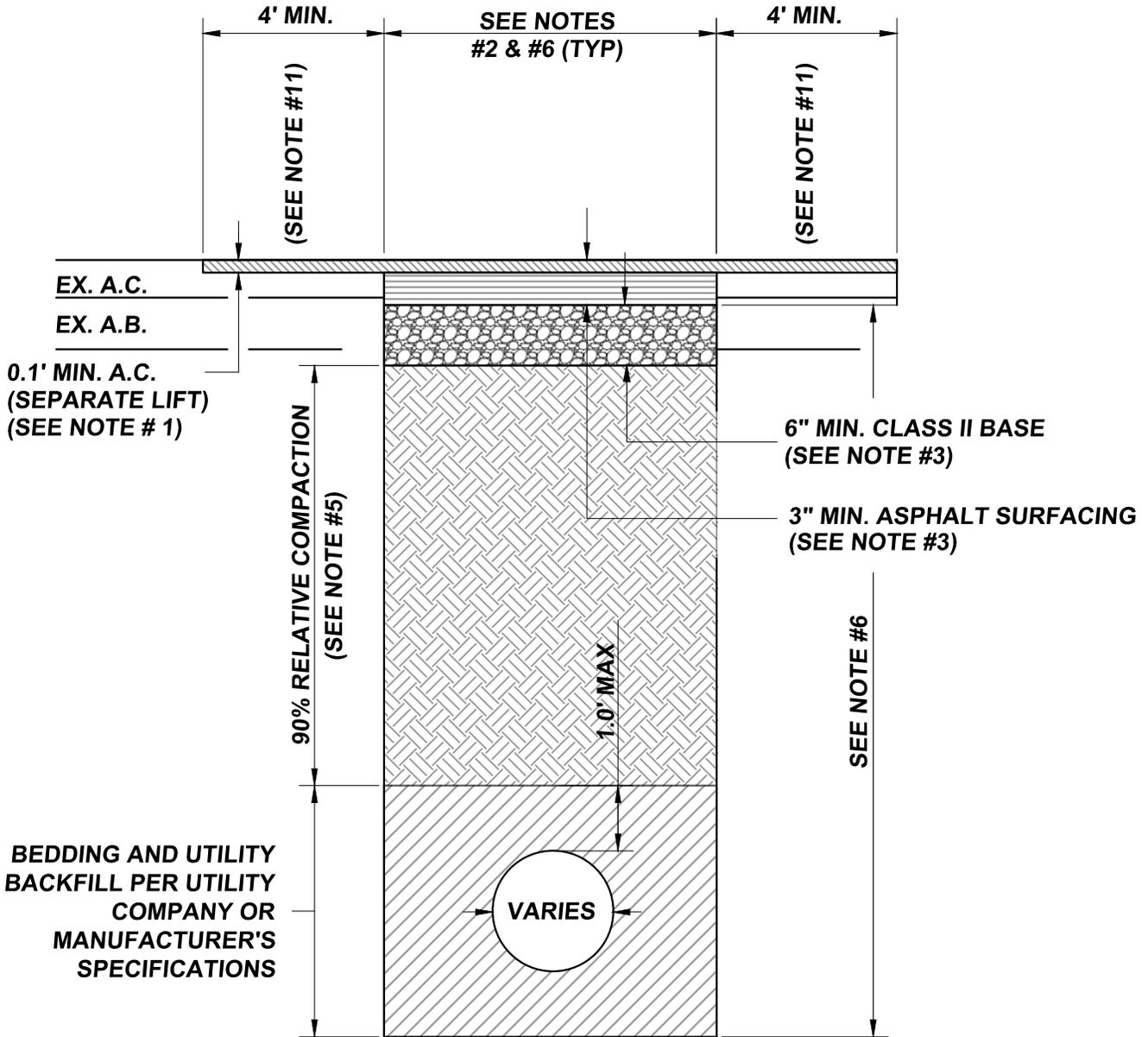


City of Hemet
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**TRENCH BACKFILL & REPAVING
CROSS SECTION**

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
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2
 OF 4 SHEETS
STANDARD NO.
ST-110A



**NOTE DESCRIPTIONS ON ST-110
TRANSVERSE CUTS**



City of Hemet
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**TRENCH BACKFILL & REPAVING
CROSS SECTION**

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-110B.dwg	M. Garvey 2024

3
 OF 4 SHEETS
**STANDARD NO.
 ST-110B**

GRIND & OVERLAY



℄

B.C.R.

E.C.R.

E.C.R.

B.C.R.

POTHOLES

℄

TRENCH WALL

B.C.R.

E.C.R.

E.C.R.

B.C.R.



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TRENCH REPAIR AT INTERSECTIONS

<i>Noah Rau</i>	MAR 2024
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE
REVISIONS	
PWENG\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-110C.dwg	M. Garvey 2024

4
OF 4 SHEETS

STANDARD NO.
ST-110C

**PRELIMINARY GENERAL NOTES
FOR SUBDIVISIONS AND LARGE DEVELOPMENTS PROJECTS
CRITERIA FOR APPLYING ESTATE STREET STANDARDS**

USE OF REVISED STANDARDS ARE ALLOWED WHEN ESTATE CRITERIA ARE MET WITH THE DESIGN OF NEW SUBDIVISIONS, EXCEPT WHEN THE DIRECTOR OF PUBLIC WORKS DETERMINES THAT THE NEW SUBDIVISIONS ARE INFILL PROJECTS WITH STREET FRONTAGES LESS THAN ONE BLOCK IN LENGTH WHERE THE APPLICATION OF THE ESTATE STREET STANDARDS WOULD RESULT IN A "PATCHWORK" PATTERN ON THE SIDE OF A STREET.

ESTATE CRITERIA:

1. ESTATE AREAS WITH LOT SIZES OF AT LEAST 20,000 SQUARE FEET.
2. MINIMUM LOT WIDTHS OF AT LEAST 120 FEET.
3. MINIMUM FRONT YARD SETBACKS OF AT LEAST 30 FEET(EXCEPT IN HILLSIDE ZONES).
4. DRIVEWAY DESIGNS THAT ACCOMODATE HEAD-IN AND HEAD-OUT ACCESS(SUCH AS ON-SITE BACK UP AND TURN AROUND AREAS, OR CIRCULAR DRIVEWAYS).
5. WHEN REQUIRED, SIDEWALKS SHALL BE LOCATED ADJACENT TO THE EDGE OF THE RIGHT-OF-WAY.
6. IMPROVEMENTS MUST OTHERWISE CONFORM TO CITY OF HEMET STANDARDS.
7. GE LIGHTING PRODUCT SHALL BE OF THE MANUFACTURER'S MODEL, TYPE AND SPECIFICATIONS AS SHOWN BELOW AND SHALL BE FURNISHED AND INSTALLED COMPLETE RESPECTIVELY FOR THE ROW WIDTHS INDICATED.

56' ROW: ERL1-0-03-D3-30-A-GRAY-L (22W)

64'-74' ROW: ERL1-0-05-B3-30-A-GRAY-L (22W)

REQUIREMENTS MATRIX	56' ROW 36' CURB-CURB	64'-74' ROW 44' CURB-CURB	66' ROW 44' CURB-CURB
STANDARD NUMBER	ST-106	ST-104	ST-103
SIDEWALKS	NO	NO	BOTH SIDES
STREET LIGHTS	1 AT CORNERS	1 AT CORNERS	1 AT CORNERS
PRIVATE CARRIAGE YARD LIGHTS REQUIRED	2 PER LOT	2 PER LOT	
SCENIC HWY. PEDESTRIAN LIGHTS			REQUIRED
DEED NOTICE(LIGHTS & SIDEWALKS)	REQUIRED	REQUIRED	
MAXIMUM STREET LENGTH	660 FEET		
CUL-DE-SACS	PERMITTED		
SUBDIVISION INTERNAL LOOP ST.		PERMITTED	
"QUARTER-MILE" STREETS			PERMITTED



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445 E. FLORIDA AVENUE
HEMET, CA 92543
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**APPLICATION CRITERIA
ESTATE ROADWAY STANDARDS**

<i>Noah Rau</i>	MAR 2024	1 OF <u>1</u> SHEETS
NOAH RAU, PW DIRECTOR/CITY ENG. R.C.E. 74686	DATE	
REVISIONS		STANDARD NO. ST-111
PWENGI\PublicWorks\4100\COH_STDS\REVISIONS 2024\ST-111.dwg		M. Garvey 2024