

**CITY OF STOCKTON**  
**2016 STANDARD PLANS AND SPECIFICATIONS PROPOSED REVISIONS**

**STANDARD PLANS**

| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION  | DRAWING UPDATES   |
|----------------------|--|---|
| <b>ALL</b>           | <b><i>Proposed to Modify the outdated Standard Plans numbering system (See Attachment B)</i></b> |   |
|                      | <b>GENERAL</b>   |   |
| 1                    | Typical Layout for Improvement Plans   | Added Note 7: North Arrow Location and Orientation  |
| 1A                   | City of Stockton Standard Border and Title Block for 8-1/2"x11" Sheet                            | Remove Notes  |
| 1B                   | City of Stockton Standard Map Associated with Legal Description for 8-1/2"x11" Sheet             | Updated Improvement Plan Description  |
| 2                    | Title Block  | None  |
| 3                    | Design Revision Format   | None  |
| 3A                   | Drafting Standards   | Add Drafting Standard for Fiber Optic and Traffic Signal  |
| 3A-1                 | Drafting Standards   | None  |
| 3B                   | Drafting Standards   | None  |
| 3C                   | Drafting Standards   | Add Different Wattage and LED Luminaires  |
| 4                    | Typical Progress Schedule Chart  | None  |
| 5                    | Underground Utility Locations - Case 1 - C,G,&SW with Parkway Strip                              | Move Sewer Cleanout and Water Meter to Back of Sidewalk, Add Note 8 for Alternate Location                                  |
| 5A                   | Underground Utility Locations - Case 2 - C,G,&SW with no Parkway Strip                           | Move Sewer Cleanout and Water Meter to Back of Sidewalk, 3' Minimum Pipe Stub   |
| 5B                   | Alternate Underground Utility Locations - Case 1 - C,G,&SW with Parkway Strip                    | Move Sewer Cleanout and Water Meter to Back of Sidewalk, Consolidated with 5C Standard Drawing                              |
| 5C                   | <del>Alternate Underground Utility Locations - Case 1 - C,G,&amp;SW with Planter Strip</del>     | Deleted - Consolidated with 5B Standard Drawing   |
| 5D                   | Alternate Underground Utility Locations - Case 2 - C,G,&SW with no Parkway Strip                 | Move Sewer Cleanout and Water Meter to Back of Sidewalk, Consolidated with 5D Standard Drawing                              |
| 5E                   | <del>Alternate Underground Utility Locations - Case 2 - C,G,&amp;SW with no Planter Strip</del>  | Deleted - Consolidated with 5D Standard Drawing   |
| 5F                   | Typical Tree Planting Locations  | Move Sewer Cleanout and Water Meter to Back of Sidewalk, Combined Typical Corner Lot and Interior Lot Detail, Updated Notes |
| 6                    | Subdivision Design Standards   | None  |
| 6A                   | Subdivision Design Standards   | None  |
| 7                    | Street Design Standards  | None  |
| 7A                   | Street Design Standards  | None  |

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| <b>EXISTING DRAWING NO.</b> | <b>TITLE BLOCK DESCRIPTION</b>                      | <b>DRAWING UPDATES</b>  |
|-----------------------------|---|---|
| 7B                          | Street Design Standards                             | None  |
| 7C                          | Street Design Standards                             | Replaced Caltrans Traffic Manual to CA MUTCD, Add Fog Seal Note   |
| 8                           | Improvement Plan Standards                          | None  |
| 8A                          | Improvement Plan Standards                          | None  |
| 9                           | Corner Sight Distance                               | Clarification of Driver's Eye Location with Parking, Included Eye of Driver Note  |
| 9A                          | Corner Sight Distance                               | Included Eye of Driver Note   |
| 10                          | Trip Generation Factors                             | "Trip Generation" - Updated to Current Edition  |
|                             |   |   |
|                             | <b>STREET</b>                                       |   |
| 11A                         | Local Street - Low Volume Residential               | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note  |
| <del>11B</del>              | <del>Local Street - Medium Volume Residential</del> | Deleted   |
| 11C                         | Local Street - Commercial                           | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note  |
| 11D                         | Local Street - Industrial                           | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note  |
| 11E                         | Collector Street - Back-up Residential              | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note  |
| 11F                         | Collector Street - Non-Residential                  | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note  |
| 11G                         | Minor Arterial Street                               | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note, Change Median Curbing Depth and Dwg Reference |
| 11H                         | Major Arterial Street                               | Updated Dwg References, Added Landscaping Slope, Updated Cross Sections, Changed Sidewalk Width, Add Fog Seal Note, Updated Paving Detail Note, Change Median Curbing Depth and Dwg Reference |

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| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION  | DRAWING UPDATES   |
|----------------------|--|---|
| 12A                  | Typical <del>Urban</del> Single Roundabout                               | Updated Title, Show Crosswalk Width, Correct Median Corner Radii, Show Location of Wheelchair Ramps, Specify Type of Curbs in Medians, Add Notes re Rebar, Signage, and Drawing Reference   |
| 12B                  | Typical Roundabout Table   | Updated FHWA Callout to Current   |
| 13                   | Traffic Circle   | Omit Centerline and Crosswalk Striping, Show Location of Wheelchair Ramps, Add Cross Section of Circle, Show Red Curb Locations, Add Signage, Remove Circle Radii Table (30' and 32' Street Widths Removed), Add to note 1: "(New Development) Existing Retrofits Shall Be Designed On A Case By Case Basis." |
| 14A                  | Street Requirements  | Travel Lane Width Changed on Local Street for Low Volume and Medium Volume Residential  |
| 14B                  | Intersection Design Use of Flares  | None  |
| 14C                  | Curb Return Radii  | Add Street Widths and ROW Width to Table, Add Arterial, Major to Table, Remove Local Low and Medium Residential (30' and 32' Streets) from Table, Add Note: "Corners with 15' Curb Radius Must Install Two (2) Special Wheelchair Ramps"  |
| 14D                  | Intersection Design Curb Extensions                                      | Change ROW Width (50' to 64') and Street Width (30' to 34')   |
| 14E (NEW)            | Typical Crosswalk Layout at Intersections                                | New Standard  |
| 14F (NEW)            | "Triple 4" High Visibility Crosswalk Installation at Existing Crosswalks | New Standard  |
| 15                   | Improvements for Backup Lots and Commercial Developments                 | Add Required Slopes to Sidewalk and Landscape Area, Add Note: "Plans to Provide Elevation at Bottom of Wall and BOW"  |
| 16                   | Median Landscape   | Show Street Section and Change Median Curb Type, Depth and Drawing Reference, Include Note for Type F Curb For Non-Landscaped Medians   |
| 17                   | Gated Residential Entrance   | None  |
| 18                   | Typical Alley Construction   | Remove Blind Grooves, Consolidated with 18A Standard Drawing  |
| 18A                  | <del>Typical Alley Construction</del>                                    | Deleted - Consolidated with 18  |
| 19                   | Alignment for 90° Street Intersection Knuckle                            | Curve Data Street Width Changed (50' to 54') and Updated Curve Table  |
| 20                   | Minimum Standard Cul-de-Sac  | Change Property Line Radius to Match New Street Width, Add New Drawing Detail Reference (See Dwg 20A), Updated Note 5   |
| 20A (NEW)            | Minimum Standard Cul-de-Sac  | New Standard  |
| 21                   | Street Location of Underground Utilities                                 | Utility Location Dimensions Revised, Updated Note 5   |

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| <b>EXISTING DRAWING NO.</b> | <b>TITLE BLOCK DESCRIPTION</b>                            | <b>DRAWING UPDATES</b>  |
|-----------------------------|---|---|
| 21A                         | Public Utility Locations in Private Streets or Easements  | Updated Drawing to Show Edge of Pavement, R/W line, Utility Location Dimensions Revised   |
| 22                          | Median Curbing over Existing Pavement                     | Remove Yellow Nose Reflector Strip, Change Sign Reference, Add to Epoxy Note: "ASTM C-881/c", Median Curb Reference Changed to Caltrans Reference Type A3, Update Note 1 and Delete Note 2                                |
| 23A                         | Bus Turnouts - Arterial Streets                           | Add Flowline and Hatching to Match Cross Section B, Remove Sidewalk Dimension, Add "MIN" to Sawcut Dimension, Add 3/4" Flowline Lip   |
| 23B                         | Bus Turnouts - Collector Streets                          | Move Notes out of Title Block   |
| 23C                         | Bus Turnouts  | Figure Changed to Match Key Area Under Curb, Show Possible Joint at BOC, Add Rebar Dimension at Bottom of Slab, Updated Cold Joint Leader Note to Include Sidewalk Poured Monolithically, Updated Note 3 and Added Note 6 |
| 25                          | Sidewalk Details  | Changed Sidewalk Width, Added Parkway Strip Reference, Show Sidewalk Key to Curb, Added AB Under Curb with 95% Compaction, Changed Top Figure to Show Key Area Under Curb   |
| 25A                         | Roll Curb, Gutter and Sidewalk                            | Correct Curb Height, Alternate Connection of Curb to Sidewalk With Rebar Allowed, Change 4' Sidewalk to 5' Min, Add Dimension Lines to Alternate Connection Figure, Added Notes   |
| 25B                         | Vertical Curb, Gutter and Sidewalk                        | Alternate Connection of Curb to Sidewalk With Rebar Allowed, Add Dimension Lines to Alternate Connection, Change 4' Sidewalk to 5' Min, Added Notes   |
| 25C                         | Vertical Curb and Apron                                   | Add New Figure for Modified Type "B" Vertical Curb, Show AB Under Type F, Change Curb Height on Type "B" Vertical Curb (Add Note for Use with Hardscape Only)   |
| 25D                         | Concrete Curb, Gutter and Sidewalk Construction Standards | Deleted Note 4, Updated Note Reference and Added New Notes  |
| 26                          | Keying Concrete Slabs                                     | Deleted Note 1, Updated Note Reference and Added Note 5   |
| 27                          | Special Commercial Ramp Driveway                          | Renamed Title, Add Truncated Dome Pads, Correct Drawing Reference, Updated Note Notes   |
| 27A                         | Special Commercial Ramp Driveway                          | Renamed Title, Added Dimensions, Add Cross Section Reference Line, Updated 4" AB Note and Compaction Updated to 95% Relative Compaction   |

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| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION                                     | DRAWING UPDATES  |
|----------------------|---|--|
| 27B                  | Fire Access Driveway  | Add Drop to Back of Driveway Per ADA Stds, Updated Expansion Joint Dimension (3' to 5'), Show BOC Line Across Driveway, and Update Drawing Reference   |
| 27C                  | <del>Fire-Access Pipe Gate</del>                            | Renamed Title, Changed Gate Dimensions   |
| 27D                  | <del>Fire-Access Pipe Gate</del>                            | Renamed Title  |
| 28                   | Residential Ramp Driveway                                   | Correct Drawing Reference, Change Sidewalk to 5 ft., Update Notes  |
| 28A                  | Residential Ramp Driveway                                   | Subgrade Under Curb to be AB Only, With 95% Compaction, Correct Drawing Reference, Change Sidewalk to 5' Min   |
| 29                   | Bridge Type Driveway  | Added Slopes and Dimensions for Clarification, AB Only Under Curb, With 95% Compaction, Grinding May Be Required, Add Note Regarding Owner Responsibility and Option to Secure, Lip Required Where AC Wedge Meets Street   |
| 30                   | <del>Disabled Parking</del>                                 | Deleted  |
| 30A                  | <del>Disabled Parking</del>                                 | Deleted  |
| 31                   | Typical Wheelchair Ramp at Intersections                    | Updated to Caltrans Std, No WPJ on Ramp, Remove Crosswalk From Drawing, No Lip, Add Slopes, Change Drawing Reference, Increase Sawcut AC to 2', Add Flow Line Slope Direction, Update Truncated Dome Pattern, Removed Grooves, Update Notes to Meet Current ADA Regulations  |
| 31A                  | Typical Wheelchair Ramp at Intersections                    | Add Slopes, Remove Lip Note, Add Sawcut Note, Add Slope to Gutter Pan, Removed Grooves, Added Note 6   |
| 32                   | Special Wheelchair Ramp Installation for Existing Sidewalks | No Lip, Remove Crosswalk From Drawing, Change Drawing Reference, Increase Sawcut AC to 2', Hatch Sawcut Area, Show BOC, Update Truncated Dome Pattern, Update Notes to Meet Current ADA Regulations, Remove Blind Grooves and Truncated Domes from Curb Area, Add slopes, Add Note: "This Plan Shall be Used Only With the Approval of the City Engineer." |
| 32A                  | Special Wheelchair Ramp Installation for Existing Sidewalks | Renamed Title, Removed Grooves, Deleted Note 5   |
| 32B                  | Special Wheelchair Ramp at Midblock                         | Remove Lip Note, Update References, Update Notes and Dimensions to Match Current Regulations, Shorten Truncated Dome Pad and Removed Grooves   |
| 32C (NEW)            | Special Wheelchair Ramp at Midblock                         | New Standard   |
| 33                   | Tree Well Detail  | None   |
| 33A                  | Tree Well Detail  | Updated Note 2 and Note 6  |

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| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION  | DRAWING UPDATES   |
|----------------------|--|---|
| 33B                  | Typical Tree Well Irrigation System Requirements                       | None  |
| 33C                  | Typical Tree Well Irrigation System Requirements                       | None  |
| 33D                  | Typical Tree Well Irrigation System Requirements                       | None  |
| 33E                  | Typical Tree Well Irrigation System Requirements                       | None  |
| 33F                  | Typical Tree Well Irrigation System Requirements                       | None  |
| 33G                  | Typical Tree Planting Detail   | None  |
| 33H                  | <del>Additional Tree Planting Notes</del> Typical Tree Planting Detail | Renamed Title   |
| 34                   | Tree Well Installation   | None  |
| 35                   | Barricade for Terminating Streets                                      | Change Sign Numbers to Match CA MUTCD, Change Note to Reference CA MUTCD, Change Designation of No Parking Sign from R8-34, 24" x 24" to R30E(CA), 18" x 24". Correct the Font of the P on the No Parking Sign, Show or Designate the Color of the No Parking Sign  |
| 35A                  | Barricade for Ending Street with Intersection Street                   | Change Sign Numbers to Match CA MUTCD, Change Note to Reference CA MUTCD  |
| 35B                  | Barricade for Terminating Streets                                      | None  |
| 35C (NEW)            | Barricade for Terminating Sidewalks                                    | New Standard  |
| 36                   | Street Name and Traffic Sign Installation Detail                       | Change Circle to Oval and Include Bottom of Pole, Add "Perforated Telespar 14 Ga" to Unistrut Note, Update Notes  |
| 36A                  | Street Name and Traffic Sign Installation Detail                       | Sleeve Extends 2 Holes Above Sidewalk, 4" Diameter Hole, Show Depth Dimensions With and Without Sidewalk, Extend Drawing of Sleeve to Bottom of Pole, Add Clarifying Notes, Add to Anchor Section Note Either "12 GA x 30" Telespar Anchor Welded to 2 ¼" 12 GA x 12" sleeve" or "See note 2 Dwg 36B", Show Entire Anchor Section, Identify Stiffener length (12") and Anchor Section length (24"), Identify Finish Grade – 2'-6" to Bottom of Anchor |
| 36B                  | Street Name and Traffic Sign Installation Notes                        | Updated Notes per Changes in Drawing 36A, Alternate Location Specified, Material for Signs Updated, City to Approve Locations   |
| 38                   | Standard Commercial Driveway   | Added Slopes, Remove Grooves, Add Truncated Dome Pad, Show Curb Line Through Driveway, Change Front (BOC) Wing Slope Graphic to Reflect 1:10 Slope, Material Under Driveway Shall be ¾" Class II AB   |

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| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION                                   | DRAWING UPDATES  |
|----------------------|---|--|
| 38A                  | Standard Commercial Driveway                              | Move Curb Transition Back to Beginning of Curb Return, Add Slope to New Transition Wing and Ramp, Clarify Back of Sidewalk Transition Wing Slope, Remove Grooves, Change Dimensions to Match Changes, Add Truncated Dome Pad   |
| 39 (NEW)             | Adjusting Street Facilities to Grade                      | New Standard   |
| 40                   | Parking Area Standards                                    | Add Ref to New Drawing 79A (Storm Drain Message)   |
| 40A                  | Parking Area Standards                                    | Remove Notes that are Available in the Parking & Loading Development Standards. Add Note Referring to the Parking & Loading Development Standards  |
| 41                   | Aisle Width Requirements for Parking Areas                | Revise Case D to read Parallel Parking   |
| 41A                  | Fire Lane Signing   | None   |
| 41B                  | <del>Typical 9' by 19' Parking Stall Single Striped</del> | Deleted  |
| 41C                  | <del>Standard Parking Stall Double Striped</del>          | Deleted  |
| 41D, 41E, 41F, 41G   | <del>Standard Parking Stall Dimensions</del>              | Deleted  |
| 41H                  | <del>Compact Parking Stall Dimensions</del>               | Deleted  |
| 42                   | Sidewalk Brick Strip                                      | None   |
| 42A                  | Area Requiring Brick Pavers in Sidewalks                  | None   |
| 43 (NEW)             | Traffic Signal Detector Installation Details              | New Standard   |
| 43A (NEW)            | Loop Detector   | New Standard   |
| 43B (NEW)            | Detector Handhole   | New Standard   |
|                      |   |  |
|                      | <b>SANITARY / STORM SEWER</b>                             |  |
| 45                   | Sanitary Sewer Design Data                                | Align Table Numbers (Residential Design Values)  |
| 45A                  | Sanitary Sewer Design Data                                | Note 1, Separated into Note A and B, Note A Change Max Length to 500', Add Note B: Cathodic Protection, Changed Note 3C, Change 0.5 MGD Pumps to 2.0 MGD, Added Note 5 to 3D: Fittings to Divert and Bypass Sewer Flows, Add Note E: "Manufactured by Flyght with "N" Impeller or Equivalent |
| 45B                  | Sanitary Design Sheet                                     | none   |
| 46                   | Sanitary Sewer Data                                       | Remove Lamphole and Terminate Sewer Line at MH   |

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|----------------------|--|---|
| 46A                  | Sanitary Sewer Data  | Change Lamphole Note to Clarify, Deleted Note 12, Updated Reference, Add Note 15: "Record Drawings or As-built Plans Shall Include GPS Coordinates for all Points of Connection (Survey Grade) for Maintenance Holes, Laterals, and Clean outs."  |
| 47                   | California Health Department Requirements                          | Need to Update to California Waterworks Standards (Dwg 47-49)   |
| 47A                  | California Health Department Requirements                          | Updated Case 2, No. B   |
| 47B                  | California Health Department Requirements                          | None  |
| 48                   | California Health Department Requirements                          | None  |
| 49                   | California Health Department Requirements                          | None  |
| 50                   | Existing Street Trench Section for Trenches Larger than 8"         | Change Cross Hatch to show Deep Lift AC Section, Compact in 12" Max Layers to a Min. Relative Compaction of 95% under the Pavement, Replace 6" Dim. Under AC to 3', Change Shading from Pipe Bedding Below, Add to Compact in 12" max...Material to be Approved Import or Suitable Site Excavated Material, Revised Notes |
| 50A                  | Existing Street Trench Section for Trenches 8" and Less            | Change Shading, Pipe Bedding Zone per Dwg 50 and Controlled Density Fill, No Compaction Requirement, 1' MIN on Both Sides of Trench   |
| 50B                  | Trench Section (Existing Street) Additional Pavement Restoration   | Updated Cross Section Hatch   |
| 50C                  | Alternative Trench Overlay   | Updated Cross Section Hatch   |
| 50D                  | Alternative Trench Overlay   | Updated Cross Section Hatch   |
| 50E                  | Moratorium Street Trenches Repair Limits                           | Updated Cross Section Hatch   |
| 51                   | Trench Section New Streets   | Add Suitable Fill Note, Compaction of 95% 3' Below Subgrade, Change 85% Compaction to 90% Compaction when Trench is not Within Street R/W, Add PipeBedding Zone   |
| 51A                  | Trench Section HDPE Pipe   | Updated Cross Section Hatch   |
| 51B                  | Open Cut Trench Section New Streets                                | Updated Cross Section Hatch   |
| 52                   | <del>Outside Sanitary Sewer Drop in New Maintenance Hole</del>     | Renamed Title, Add Joint Seal Note  |
| 52A                  | <del>Inside Sanitary Sewer Drop in Existing Maintenance Hole</del> | Renamed Title, To be Used Only on New Pipes Less Than 4 in. Larger Pipes to Use Outside Drop, Added Joint Seal Note   |
| 52B                  | <del>Inside Sanitary Sewer Drop New Maintenance Hole</del>         | Deleted   |
| 53                   | Pre-cast Concrete Maintenance Hole Cones                           | Updated Cross Section Hatch   |
| 54                   | Maintenance Hole Frame and Cover                                   | Updated Notes   |
| 54A (NEW)            | Maintenance Hole Frame and Cover Adjustment                        | New Standard  |

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|----------------------|--|--|
| 55                   | Type 1 Maintenance Hole for Pipes 33" Diameter or Smaller          | Updated Joint Seal Notes, Change Class II Concrete to Structural Concrete as Defined by These Standard Specifications and Updated Notes                        |
| 55A                  | Pretreatment Sampling Station Hole-Onsite Only                     | Update Joint Seal Notes  |
| 56                   | Type 2 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 56A                  | Type 2 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 56B                  | Type 2 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 56C                  | Type 2 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 57                   | Type 3 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 57A                  | Type 3 Maintenance Hole for Pipes 36" Diameter and Larger          | None   |
| 58                   | <del>Lamphole</del>  | Deleted  |
| 59                   | <del>Lamphole Ring and Cover</del>                                 | Deleted  |
| 60                   | Jacking Details for Pipes  | None   |
| 60A                  | Jacking Details for Pipes  | None   |
| 61                   | Protection of Storm Drains and Sanitary Sewer Lines                | None   |
| 61A                  | Protection of Storm Drains and Sanitary Sewer Lines                | None   |
| 62                   | Existing House Lateral Relocation                                  | None   |
| 63                   | <del>House Lateral</del> Sewer Cleanout Location                   | Rename Title, Show Alternate Location of Cleanout, Clarify Temporary Cap, Show City Limit Maintenance, Stub 3' Min, Remove Reference to Dwg 46A                |
| 64                   | Cleanout   | Updated Drawing Dimensions and Leader Notes, Stub 3' Min, Show Alternate Location of Cleanout, Update Model Number   |
| 65                   | Typical Grease <del>Trap</del> Interceptor (750 to 1199 Gallon)    | Renamed Title, Include Dimension from Top of Pipe to Top of Pipe, Under-sink Grease Interceptor Not Allowed, Updated Notes to read Interceptor                 |
| 65A                  | Typical Grease <del>Trap</del> Interceptor (1200 Gallon or Larger) | Renamed Title, Updated Notes to read Interceptor   |
| 66                   | Typical Sand and Oil <del>Trap</del> Separator                     | Renamed Title, Add Ordinance 3690 Reference, Add Noted Note 1 Disallowing Connection to Toilets and Urinals, Updated Numbering, Update Notes to Read Separator |
| 67                   | Temporary Maintenance Hole S.S. Pumping Station                    | Updated Specification Reference  |
| 67A                  | Temporary Maintenance Hole S.S. Pumping Station                    | Updated Specification Reference  |
| 75                   | City of Stockton 10-Yr Rainfall Intensity Curve                    | None   |
| 75A                  | Storm Drain Design Sheet   | None   |
| 76                   | Storm Runoff Data  | None   |

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| 77                   | Storm Drain Data  | Change Dimension 5' Min to 7' Max or Permission by City Engineer, 3' Min between Subgrade and Top of Pipe, Cast in Place Concrete Pipes No Longer Allowed                       |
| 78                   | Typical Intersection for Type 1 Maintenance Hole                                | Add Rubber Water Stops at Pipe Connection, Change Base from Class B Concrete to Structural Concrete   |
| 79                   | Type 1 Curb Inlet Catch Basin   | Add Concrete Collar at Pipe Connection, Add Support Bricks Under Barrel to Facilitate Concrete Flow, Change Note to Refer to Drawing 79A, Add Note Referring to New Drawing 79B |
| 79A (NEW)            | Storm Drain Message and Location  | New Standard  |
| 79B (NEW)            | Grate Detail  | New Standard  |
| 80                   | Type 2 Curb Inlet Catch Basin   | Clarify Rebar Note, Change Reference to Drawing 79A, Add Note Referring to New Drawing 79B  |
| 80A                  | Driveway Catch Basin  | To be Used in Residential Areas Only, Add Rebar Around Frame, Change Reference to Drawing 79A, Add Note Referring to New Drawing 79B  |
| 81                   | Parking Lot and Under Sidewalk Drain  | Add Expansion Joints on Both Sides of Drain, Give Dimensions, Correct Date  |
| 82                   | Under Sidewalk Drain for Roof Drains  | Replace Cleanout with Christy Box at BOW and Add Note Optional at Property Owners Choice  |
|                      |   |   |
|                      | <b>WATER</b>  |   |
| 90                   | Water Design Data   | none  |
| 90A                  | Water Design Data   | Added Note D to 15 and Added Note 17  |
| 92                   | Layout for 3" or Larger Meter By-pass Installation                              | none  |
| 92A                  | Layout for 3" or Larger Meter By-pass Installation                              | Add Note D: Bypass is Not Required for Irrigation   |
| 93                   | Water Service Installation 1", 1.5" and 2" Service                              | Updated Note 8  |
| 94                   | Fittings for Water Service  | Change Notes to Reflect Current Practice, Updated Notes   |
| 94A                  | Fittings for Water Service  | Update Equipment Model Numbers  |
| 95                   | <del>Multiple Unit Meter Service</del>  | Deleted   |
| 96                   | Isolation of New Mains (18" 12" and Smaller)                                    | Renamed Title, Change tap from 18" from EOP to 24"  |
| 96A (NEW)            | Isolation of New Mains Larger than 12"  | New Standard  |
| 97                   | Typical Installations for Backflow Prevention Devices (Irrigation Installation) | Revised Notes, Dimensions Clarified, 10 mil Vinyl Wrap Around Pipe, Sleeve Through Concrete, Add Backflow Blanket   |
| 97A                  | Assembly Installation Backflow Installation Prevention                          | Revised Notes, Add Note – Meter and RP Shall be the Same Size   |

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|-----------------------------|---|--|
| 97B (NEW)                   | 3" and Larger Backflow Prevention Assembly Domestic Connection  | New Standard   |
| 98                          | Blow-off  | Change Valve Box Leader Notes  |
| 99                          | Valve Box Details   | Add Dimension to Box, Show Casing Open at Bottom, Updated Note 3   |
| 100                         | Thrust Block Details  | None   |
| 101                         | Fire Hydrant  | Updated Hydrant Notes, Change Distance from Bottom of Flange to Concrete to 6"   |
| 101A                        | Fire Hydrant Spacing  | None   |
| 101B                        | Fire Hydrant Location   | None   |
| 102                         | Fire Protection System Standards  | Remove Notes 3 & 4, Renumbered Notes   |
| 102A                        | Fire Protection System Standards  | Extensive Revisions to Layout and Notes  |
| <del>103</del>              | <del>Detector Check Meter Assembly</del>  | Deleted  |
| 103A                        | Typical Fire Sprinkler Line with Post Indicator Valve Protection Connection   | Renamed Title, Assembly Added Between FD Connection and City Valve, Depth of Piping Changed, New Notes Section, If a Hydrant is Served from a Fire Service, the Minimum Size Shall be 8" |
| 104                         | Air Release Valve Water Mains 12"-36" Diameter  | Add Words: "Or Equal" to Metal Framing Note  |
| 105                         | Water Sampling Station  | None   |
|                             |   |  |
|                             | <b>ELECTRICAL</b>   |  |
| 109                         | Plan Requirements for Street Lighting Work  | Updated all Notes  |
| 110                         | Existing Cast Iron King Ferronite Electroliers and King Ferronite with Modified Heads and Extenders to be Relocated | LED Revisions  |
| 110A                        | Existing Cast Iron King Ferronite Electroliers and King Ferronite with Modified Heads and Extenders to be Relocated | LED Revisions  |
| 111                         | Conduit Pull Box  | Want 45 Degree Sweeps instead of 90 Degree Sweeps, Added Backfill Procedures   |
| 111A                        | Conduit Pull Box  | Change Note 6: All Conduits Use 45° Sweeps   |
| 112                         | Light Pole Foundation Type 15   | Renamed Title, Extend Anchor Bolts, Refer Bolt Size to CalTrans Specifications, Update Note on Conduit Depth, Updated Notes  |
| 112A                        | Light Pole Installation   | None   |
| 112B (NEW)                  | Street Light Pole Identification Number   | New Standard   |
| 113                         | Type 1-B Signal and Controller Standard   | None   |

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| <b>EXISTING DRAWING NO.</b> | <b>TITLE BLOCK DESCRIPTION</b>                                     | <b>DRAWING UPDATES</b>  |
|-----------------------------|--|---|
| 114                         | Street Lights Type and Location                                    | Luminaires changed to LED Luminaires, 3-bolt Attachment Note Extended to Double Mast Arm Configuration, Delete Ballast Notes                    |
| 114A                        | Street Lights Type and Location                                    | Add Downtown Lighting District Requirements and LED Luminaires, Updated notes   |
| 115                         | Street Light and Traffic Signal Service Connection                 | Change 2" Conduit to 3" Conduit, Remove from Note - Remove: "Eliminate Street Light Pull Box if Distance is Less than 25 Feet"                  |
| <del>115A</del>             | <del>Street Light and Traffic Signal Service Connection</del>      | Deleted - Consolidated with Standard Drawing 115  |
| 116                         | Traffic Signal Foundation  | None  |
| 117                         | Traffic Signal Mast Arm Sign Assembly                              | Add Figure of Single-Named Street Sign, Change to Stainless Steel Bolts, Add "Stainless steel" to Leader Notes for Channel Clamps and Pop Rivet |
| 117A                        | Traffic Signal Mast Arm Sign Assembly                              | Update Sign Materials Specifications and Part Numbers   |
| 118                         | Traffic Control Device Locations in New Subdivisions               | Entire Drawing Revised  |
| 118A (NEW)                  | Pavement Delineation   | New Standard  |
| 119 (NEW)                   | Bike Loop and Bike Legend Installation Detail                      | New Standard  |
|                             | <b>MISCELLANEOUS</b>   |   |
| 120                         | Sidewalk Vault Access Door   | None  |
| 120A                        | Sidewalk Vault Access Door   | None  |
| 121                         | Chain Link Fence and Gate  | Added Note to Reference Stockton Municipal Code   |
| 122                         | City Monument  | Added City Requirements for Resetting Disturbed Monuments   |
| 123                         | Survey Monument Marker   | None  |
| 124                         | Special Monument Installation                                      | None  |
| <del>125</del>              | <del>Wall for Lots Adjacent to Street Right-of-Way</del>           | Deleted   |
| <del>125A</del>             | <del>Wall for Lots Adjacent to Street Right-of-Way</del>           | Deleted   |
| <del>125B</del>             | <del>Wall for Lots Adjacent to Street Right-of-Way</del>           | Deleted   |
| 126                         | Building Setbacks Adjacent to Levees                               | Updated Notes to Reflect 200 Year Flood   |
| 127                         | Roll Curb to Vertical Curb Transition                              | Consolidate Figures – Delete Extra Figure   |
| <del>128 (1-5)</del>        | <del>2004 2006 Unit Price List for Land Development Projects</del> | Deleted   |
| <del>128 (1-5)</del>        | <del>2004 2006 Unit Price List for Land Development Projects</del> | Deleted   |
| <del>128 (1-5)</del>        | <del>2004 2006 Unit Price List for Land Development Projects</del> | Deleted   |
| <del>128 (1-5)</del>        | <del>2004 2006 Unit Price List for Land Development Projects</del> | Deleted   |
| <del>128 (1-5)</del>        | <del>2004 2006 Unit Price List for Land Development Projects</del> | Deleted   |
| 129                         | Tubular Steel Fence Detail   | Updated Note 2 (Changed Rails and Pickets), Deleted Note 9  |

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| <b>EXISTING DRAWING NO.</b> | <b>TITLE BLOCK DESCRIPTION</b> | <b>DRAWING UPDATES</b> |
|-----------------------------|--------------------------------|------------------------|
| 130 (NEW)                   | Bollard Standard               | New standard           |
| 131 (NEW)                   | Decorative Bollard             | New standard           |

**STANDARD SPECIFICATION**

| <b>STANDARD SPECIFICATION SECTION</b> | <b>SUBJECT</b>  |  |
|---------------------------------------|---|--|
|                                       | Title Page  | Miscellaneous Formatting Changes. Removed reference to Countywide Drawings                               |
|                                       | Notice Page   | Miscellaneous Update of Terms, Added Document Conflict Resolution Hierarchy                              |
| 1                                     | Definitions and Terms                                   | None   |
| 2                                     | <del>Proposal Requirements and Conditions</del> Bidding | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 3                                     | Contract Award and Execution <del>of Contract</del>     | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 4                                     | Scope of Work   | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 5                                     | Control of Work   | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 6                                     | Control of Materials                                    | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 7                                     | Legal Relations and Responsibility to the Public        | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 8                                     | Prosecution and Progress                                | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 9                                     | Measurement and Payment                                 | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 12                                    | Temporary Traffic Control                               | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 16                                    | Clearing and Grubbing                                   | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 17                                    | Non-Potable Water Systems                               | New Specification  |
| 19                                    | Earthwork   | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| 24-2                                  | Lime Stabilized Soil                                    | Specification Section Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications |
| 39                                    | Hot Mix Asphalt <del>Concrete</del>                     | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 63                                    | Cast-in-Place Concrete Pipe                             | Deleted  |
| 71                                    | Sanitary Sewers and Storm Sewers                        | Deleted Section 71-1.02 A(1), Updated Sections   |

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| EXISTING DRAWING NO. | TITLE BLOCK DESCRIPTION  | DRAWING UPDATES  |
|----------------------|--|--|
| 74                   | <del>Storm and Sanitary Sewer Pumping Plant</del> Equipment and Controls | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 75                   | Miscellaneous Metal  | Updated Specifications Sections to Match the 2010 Caltrans Specifications                                |
| <del>76-78</del>     | Domestic Water Facilities  | Specification Section Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications |
| <del>77</del> 79     | Storm Water Basins   | Specification Section Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications |
| 86                   | <del>Signals, Lighting, and</del> Electrical Systems                     | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 90                   | <del>Portland Cement</del> Concrete                                      | Title Changed, Updated Specifications Sections to Match the 2010 Caltrans Specifications                 |
| 100                  | Street Opening and Pavement Restoration Regulations                      | None   |
| 101                  | Street Microsurfacing  | Deleted - Follow Caltrans Specifications   |