STANDARD DETAIL UPDATES

SECTION 1 GENERAL

The existing Standard Details were updated and the changes are listed below. All details were approved by Rick Forstall, Director of Public Services, and Dave Palmer, City Engineer.

SECTION 2 DETAILS

Detail Title	Technical Updates
Signature Blocks	1. Added "Department Public Services" block.
	2. Changed "South Placer Municipal Utility District" to "SPMUD".
	3. Reorganized "Soils Report" block, "Placer County Water Agency"
	block, and "SPMUD" block position.
	1. On note 6, changed:
(Sheet 2 of 8)	a. "Engineering Division" to "Public Services".
	b. "(916) 625-5140" to "(916) 625-5500".
	2. Added notes 11 to 18.
	1. Reorganized "Streets" notes and "Earthwork and Grading" notes.
(Sheet 3 of 8)	2. Replaced entire note 3 with "All utility trenching to be done as
	per trench details."
	3. Changed "catch basins" to "drop inlets" on note 4.
	4. Changed "City of Rocklin improvements, standards detail 3-16,"
	to "latest California Title 24" on note 5.
General Notes	Streets (cont'd)
(Sheet 4 of 8)	1. On note 11, changed:
	a. "developer and/or builder" to "contractor".
	b. "requested" to "required".
	2. On note 12, changed:
	a. "(916) 625-5877" to "(916) 786-8522" at the end of "Sewer" line.
	b. "(530) 823-4850" to "(530) 823-4886" at the end of "Water"
	line.
	c. "Works" to "Services" for "Storm drain, telecommunication,
	conduit, street light & traffic signals" utility contact info.
	d. "(800) 743-5000" to "(530) 889-3256" and "(530) 320-0149"
	at the end of "Electric & natural gas" line.
	e. "(530) 888-2607" to "(916) 409-1384" at the end of
	"Telephone" line. Added "/ATT" at the middle of "Telephone"
	line.
	f. "Star Stream" to "Wavebroadband Consolidated", "(916)
	625-9277" to "(916) 630-7180" and "(916) 786-1217" at the
	middle and at the end of "Cable T.V." line, respectively.
	3. Changed "18" to "4-6" on note 14.
	Earthwork and Grading
	1. Changed "Engineering Division" to "Public Services" on note 1.
	Signature Blocks General Notes (Sheet 2 of 8) General Notes (Sheet 3 of 8) General Notes

		 Changed "oak trees the approval of the change." to "utilities and trees and sensitive areas to be saved are adequately protected per the City of Rocklin construction specifications." on note 2.
01-06	General Notes (Sheet 5 of 8)	 Earthwork and Grading (cont'd) 1. Deleted entire note 3. 2. Updated numerical order. 3. Changed "the owner's" and "the developer" on previous note 4 to "the city or it's" and "the city" on current note 3, respectively 4. Replaced entire previous note 6 with current note 5: "Utility trenching to be completed with final earthwork. The project will be temporarily suspended per sec 8-1.05 for allowing PG&E and Wave Broadband to install their respective facilities." 5. Previous note 7 became current note 6; changed "the recommendations from the City of Rocklin on dust control" to "a dust control plan"; between the first and second sentence of note 6, added "Prior to any grading all phases of construction." 6. Changed "15th" and "subdivision" on previous note 9 to "1st" and "road" on current note 8, respectively.
01-07	General Notes (Sheet 6 of 8)	 Earthwork and Grading (cont'd) Changed "the dates of March 15 thru July 15" on previous note 10 to "February through August" on current note 9. Changed "export" and "import" on previous note 11 to "CY cut" and "CY fill" on current note 10; added "approx." to the beginning of the current sentence. Striping Added note 1. Previous note became note 2. Construction staking/monumentation Replaced entire note 1 with "No work shall commence until staking is provided." Landscaping Changed "AB325" to "Department of Water Resources" on note 1.
01-08	General Notes (Sheet 7 of 8)	 2. Added notes 2 through 9. 1. On note 15, changed: a. "6" to "8" in the second sentence on the first paragraph.
		 b. Added "C76 reinforced concrete pipe" next to "Concrete pipe" line. c. "ASTM-C14 class 3 for sizes 10 and smaller" to "ASTM-12" is smallest". d. "class 3" to "class 5" at "ASTM-C76" line. e. Added "Refer to GS7-1.06" to the end of the last paragraph. 2. Deleted "(916) 652-5877" on note 16. 3. Deleted "(530) 823-4850 on note 17.
01-09	General Notes (Sheet 8 of 8)	1. Added "Biological resources" notes.

01-10	Building Permit Block	1. Added "Building Department Permits" block.
02-01	Exterior Perimeter Property Line Grading	 Added "1. A notarized … property owner." under "Most Desirable" Added "and be constructed … in height." at the end of "* Entire wall … private property." Added "X2.1"X2.1" sheet" next to "6"X6"" at ""V" ditch detail".
02-02	Interior Property Line Grading	1. Added "1. A notarized property owner." under "Cut banks".
02-03	Redwood Retaining Wall Details	1. No longer accepted.
03-01	Typical Sections Residential Streets	 Added "Notes: sidewalk details" in the top right corner. Added "1.5%", "2.5", and "<2:1 Max" to "Minor street" detail. Added "2.5", and "<2:1 Max" to "Cul-de-sac" detail.
03-02	Typical Sections Residential Collector Streets	 Added "Caltrans detail 23", "2.5", and "<2:1 Max" to "Residential collector" detail. Added "Caltrans detail 23", "2.5", and "<2:1 Max" to "Residential Collector (with bike lanes)". Added "(with bike lanes)" next to the second "Residential Collector." Added notes 1 through 9.
03-03	Typical sections- industrial & commercial / collector approach to arterials	 Added "Caltrans detail 23", lane's dimension, and lane's description to "Industrial & Commercial" detail. Added "Caltrans detail 23", "2.5"", "<2:1 Max", lane's dimension, and lane's description to "Collector Approach to Arterials" detail.
03-04	Typical sections minor arterial streets	 Added "and gutter" next to "type 2 vertical curb", "Caltrans detail 13", "Caltrans detail 26", "Caltrans detail 39", and lane's description to "Minor Arterial" detail.
03-05	Typical sections primary arterial streets	 Added "Caltrans detail 26", "14' for minor arterial streets", and "type IV typical curb per detail 3-15" to "Alternate Median" detail. Added "See IS 4-3 for structural street section" under "Alternate Median". Added "and gutter" next to "Type 2 vertical curb", "1.5%" slope, "detail 26", "detail 13", and "detail 39" to "120' street – Primary Arterial" detail.
03-06A	Typical sections semi rural	 Added "Refer to IS 4-3 specifications for structural section of AB and AC". Added "6"" dimension to "Shoulder widening with A.C. dike" detail.
03-06B	Improved street with vegetated soil	1. New Drawing.

03-07	Cul-de-sac	1. Added fire hydrant's location to the detail.
03-07	Cul-ue-sac	 Changed "W 53" to "W53", "Improvement standards section 4-
		24." to "Caltrans W-53" on note 1.
		3. Added "Length of cul-de-sac existing street." to the end of note
		4.
		4. Added note 5.
00.00		
03-09	Standard casting	1. Changed "brick or concrete" to "grade rings within 2"".
	adjusting detail and	
	cold planning detail	
03-15	of existing streets Curbs and gutters	1. On "Type 1A":
05-15	Curbs and gutters	a. Changed "2%" slope to "1.5%" slope.
		b. Added angle to concrete layer with "2"" dimension.
		 Rounded edges to "1/2" radius tip" on type 3.
		 Added angle to concrete layer on type 2.
		 Changed "class "B"." and "around perimeter at 18" intervals." to
		"minor concrete cement/cubic yard" and "with 1/2" X 12"
		existing concrete" on note 1, respectively.
		5. Added angle to concrete layer on type 1.
03-15A	Valley gutter	1. New Drawing.
03-16	Sidewalk ramps	1. Use current Caltrans detail.
03-17	Planter and barrier	1. Changed "vapor" to "root" on "minor arterial, primary arterial,
	curb details	industrial and commercial development" detail.
03-18	Residential standard	1. Added slope percentages to "plan view" detail.
	driveway	2. Changed "5" dimensions to "varies" on "elevation" detail.
03-19	Commercial and	1. Added slope percentages to detail.
	industrial standard	2. Changed "8.33%" to "7.5%" on note 1.
	driveway	3. Changed "See note #9 on city standard detail 3-16." to "Refer to
		latest Caltrans standard." on note 2.
		4. Replaced entire note 4 with "Deep score joint not to exceed 10'
		between joints."
		5. Added note 6.
		6. Changed "2"" slope to "1.5"" slope on "section A-A" detail.
03-21	Alley details and	1. On the main detail:
	driveway transitions	a. Added "If no sidewalk" to top left corner.
		b. Added "If sidewalk" to top right corner.
		c. Added slope percentages.
		d. Changed "3'" to "6' Min."
		e. Added "See current Caltrans spec for sidewalk specs" and
		"7.5% for sidewalk ramp".
		 f. Added tactile strip to the right hand side. On "Section A A":
		2. On "Section A-A":
		 a. Changed "3.0%" slope to "2.0%" slope. b. Changed "6" to "8" on "redwood header both sides".
		 c. Changed "class A P.C. concrete" to "Caltrans minor concrete 90-2.02"; and "2"" to "3"".
		90-2.02 janu 2 l0 3 .

03-23	Special commercial	1. Updated numerical notations and removed dash lines on the
	frontage entrance	main detail.
	type A-7	2. On "Section B-B" detail:
		a. Updated numerical notations.
		b. Changed "1.5%" to "1.25%".
		3. On "Section A-A" detail:
		a. Updated numerical notations.
		b. Added "8" FOC" dimension.
		 Changed previous ditch to "1.25" slope on the right hand side.
		d. Changed ""6" to "8"" thickness on the right hand side.
		4. Changed "Type 3 or 4 curb" to "retaining curb" on note 2.
		5. Changed "Case C" to "Type 1" on note 4.
		6. Added new note 7, 10, and 12; updated numerical order.
		7. Changed "Pour" and "8" from previous note 8 to "Place" and "9"
		on current note 9.
		8. On current note 16.:
		a. Changed "4" minimum of class B" from previous note 13 to
		"class II".
		b. Added "or native subgrade" next to "aggregate base" from
		previous note 13.
		c. Added "Under sidewalk, contractor's discretion" at the end
		of previous note 13.
		9. Changed "2%" from previous note 14 to "1% minimum, 2%
		maximum" on current note 17.
		10. Added note 18.
03-24	Sidewalk Barricade	1. Added "3" ø reflector typ.", "type N sign" with description, and
		second 2X6 redwood or Douglas fir.
		2. Changed "3'-0"" height to "30"" height.
		3. Added "(state of California specification 58-1.02)" at the end of
		"4X4X5' – 6" min redwood or treated Douglas fir".
		4. Added "property line".
		5. Replaced "Street ending in cut where slopes not obtainable"
		detail with "Detail for sidewalk barricade with retaining wall"
		detail.
		6. Added "and a hazard is present" at the end of note 1.
		7. Changed "91-3.02" to "91-03" on note 2.
		8. Deleted "*State of Calif. Specification #56-2.02B"
03-25	Street closure gated	1. Added "R-26 no parking" sign to the detail.
	timber barricade	2. Added new note 3, updated numerical order.
03-26	Signs and barricades	1. Added "H.I.P. or better" at the end of "30" X 30" SW44".
	at end of pavement	
	widening	

03-33	Handicap parking	1. On note 2:
	space layout detail	 a. Deleted "see note #9 on city of Rocklin standard detail 3-16". b. Replaced "See grooving detail on City of Rocklin standard detail 3-19." to "Refer to latest Caltrans standards for details."
		2. Replaced entire note 3 with "No lip."
		Replaced entire note 4 with "Truncated dome per latest Caltrans standards."
		4. On note 5:
		a. Changed "60" Min." to "12' Min."
03-34	Deved survey	b. Added "minimum" at the end of the first "parking stall".1. Changed "forni" to "G5".
03-34	Boxed survey monument for	 Changed Torm to GS . Added "Class B concrete 5 sack."
	centerline	2. Audeu Class B concrete 3 sack.
	intersection	
03-35	Detectable warning	1. On the detail:
	truncated dome	a. Deleted "6 sack, class a concrete per construction standard."
	panel retrofit or	b. Added "Rebar dowel typ." under "12" type."
	replacement	c. Added "X16" long" next to "#4 dowels"
		d. Added "Drill" between "concrete" and "5/8 holes."
		e. Added "Minor concrete – Caltrans 90-2 5.5 sack"
02.20	Collonging hellend	 Added "Dome detail be yellow" at the end of note. Changed "2"" to "24"" on pate 8
03-36	Collapsing bollard detail	1. Changed "2"" to "24"" on note 8.
03-37	Typical traffic	1. Used latest detail and tables.
	control lane	2. Added "MPH" next to 40 and 45 on "taper formula".
	closure/transition	 Changed "6'" to "8'" on warning sign's height. Added "Share the road" sign.
		5. On "Special notes":
		a. Changed "5 - 9" to " $6C - 1$ ".
		b. Replaced "most recent shall govern." with "California
		accompanying notes."
		6. Deleted note 2. and note 6., updated numerical order.
		7. Replaced "5-05 of this manual" from previous note 8 to "6 of the
		CAMUTCD 2006 edition and Caltrans standard plans." on current note 6.
		8. Changed "5-03.3" from previous note 9 to "6-6F.59 of the
		CMUTCD" on current note 7.
		9. Added note 9.
03-38	Permitted	 Added dimensions and descriptions to above detail. Added dimensions and descriptions to above detail.
	Driveways or streets on minor arterials	2. Added notes 1 and 2.
03-39	Standard concrete joint details	1. New Drawing.
03-40	Mow band	1. New Drawing.
03-41	Private gated entrance	1. New Drawing.

03-42	RW fence – farm	1. New Drawing.
	with steel posts	
03-43	Wood post and cable fence	1. New Drawing.
03-44	Tubular steel post and cable fence	1. New Drawing.
03-45	AC pedestrian trail	1. New Drawing.
03-46	Overall sign configuration front view	1. New Drawing.
03-47	Top sign bracket configuration	1. New Drawing.
03-48	Bottom sign bracket configuration	1. New Drawing.
04-01	Drop inlet type "A"	 Added "Notes: for type 1, refer to 4-4". On "Type 2 curb" detail: Added "Top of curb stamped with "No dumping flows to creek" per 4-24". Added "& gutter or type 5 curb" next to "Type 2 curb". Added "& gutter" next to "Type 1 or 1A curb" on "Type 1 or 1A curb" detail. Changed "Depression" to "Gutter pan" on note 1.
04-02	Drop inlet type "B"	 Added notes 7, 8, and 9. Added "and H-20 rated" at the end of note 4. Added "Sidewalk per 4-24" and "1/4" frame" to section A-A detail.
04-04	Drop inlet frame and grate for type "A" & "B" drop inlets	1. Added "USA made only" at the end of "Note: grate engineer."
04-11	Grate type manhole cover	 Changed "4-23" to "4-8" on note 1. Changed "4-23" to "4-8" on note 2.
04-12	Culvert outfall and stream bank slope protection	 Added "if approved by the Army Corps 404 permit" to the end of "Both concrete" on section A-A detail. Added "SS-15 & SS-16 and Caltrans section 72." to the end of "Stone specifications".
04-13	Erosion control pipe discharge	1. Added note 3.
04-16	Pipe inlet structure and trash rack – 30" pipe and smaller	 Added "Rack needs to hinge on top for maintenance" to "side view" detail.
04-17	Pipe outfall access control rack	1. Added note 7.
04-19	Under sidewalk drain	1. Changed " $\begin{bmatrix} 3^* \\ 2^* \end{bmatrix}^{2^*}$ " to "rebar".

05-03	Trench excavation & backfill	 Changed "slurry seal" to "micro" on "Street repair/Repaving" note B. Changed "2"" to "1 Foot" on ""Caution" tape".
05-04	Typical joint trench	1. Deleted "This is" at the beginning of "Note".
03-04	configuration	 Deleted This is at the beginning of Note . Changed "in" to "for" in note.
	conngulation	3. Added "Based on P.U.E width." to note.
		 Changed "TCC 3"" to "TCC 2"".
06-01	Fire Requirements	1. Replaced old 06-01
00.01	r ne nequirements	 Added reference: "Design of water facilities shall conform to the
		requirements set forth in the most recent standards of the Place
		County Water Agency (PCWA), the National Fire Protection
		Association (NFPA 24), and the City of Rocklin Fire & Life Safety
		Standards."
06-01	Fire Protection	1. DELETED
	Assembly	
06-02	Fire Hydrant	1. DELETED
	Assembly	
06-03	Fire Post Indicator	1. DELETED
	Valve Assembly	
07-04	Concrete base detail	1 Changed " $24'' \times 49'' \times 6'''' + 26'' \times 26'' \times 26'''$
07-04	for type "A" and "B"	 Changed "24"X48"X6"" to "36"X36"X6"". Changed "detail 7-3" to "detail 7-2".
	street lights	3. Changed "24"X48"" to "36"X36"" on note 2.
	Street lights	4. Changed "12" to "17" on note 3.
		5. Changed "21" to "18" on note 4.
07-05	No. 3 1/2 and No. 5	1. Added "Conduit bushings" description to the detail.
	pull box installation	2. Added notes 5 and 6.
07-06	Street light and	1. Added "with 6" concrete depth. (Thickness)" to the end of
	signal pull box	"**Concrete "
	locations	2. Added note 3.
07-07	Typical street light	1. Deleted "or 7-8B" on the detail.
	service pad	
07-08	Unmetered service	1. Used latest detail from manufacturer.
	pedestal	
07-08A	Metered service	1. Used latest detail from manufacturer.
	pedestal	
07-08B	Metered service	1. Deleted "** Foundation detail."
	pedestal	2. Deleted "** For new construction installations."
07-08C	Dual metered	1. Deleted "** Foundation detail."
	service pedestal	2. Deleted "** For new construction installations."
07-09	Street light poles	 Added ", aluminum," to note 1.
07 05	and symbols	2. Added "or aluminum" to note 2.

07-10	Type "A" street	1. Changed "induction" to "LED" on the detail.
	lights for major streets and collectors	2. Changed "thses" to "these" on note 1.
07-11	Type "B" street	1. Added "or aluminum" to the detail.
	lights for minor streets	2. Changed "thses" to "these" on note 1.
07-17	Street light design	1. Changed "Induction lamp" to "LED" on the second table.
	criteria	2. Changed six "II" to six "III" on the second table.
		3. Changed "Induction lamp" to "LED" on the second note 1.
		4. Added note 4.
07-19	Typical voltage drop calculation for 3-	 Changed "induction" to "LED" in the first row on the right hand side table.
	wire system	 Changed "40" to "55" in the second row on the right hand side table.
		 Changed "150" to "101" in the last row on the right hand side table.
		4. Changed "150 Watt induction" to "LED" on the "Legend".
07-20	Street light standard wiring diagram	1. Added "from pole to box" to "1½" mi. PVC conduit."
08-01	Typical service and wiring schedule	1. New Drawing.
08-02	Typical pole and	1. Previous "DWG # 8-4"
	equipment schedule	2. Added "61-5-129 *" next to the table.
		3. Changed "Induction" to "LED" on the 9 th column.
		4. Deleted "150" on the 9 th column.
		5. Deleted all notes.
		6. Added "* Contractor city."
08-03	Typical conductor schedule	1. Added notes on the right hand side and under the table.
08-04	Typical	1. Previous "DWG # 8-2".
	controller/service cabinet detail	Changed "Refer pedestal" to "16" type III-AF service" on the detail.
		3. Added "minor concrete" to the lower left corner.
08-05	Typical loop	1. Updated to latest detail.
	detector layout	 Added "bikes, count loops," between "* Separate DLC's shall be required for" and "and permanent".
		3. Added "D= type "D" loop" to the legend.
09-01	Slope planting	1. Added note 5.
09-02	Tree planting –	1. Changed "New rubber wire tie and" to "Vinyl tube tree ties"
	single stake	2. Deleted "Approved trunk protector"
09-03	Tree planting – double stake	1. Deleted "Approved trunk protector"
09-04	Tree guying	1. Deleted "Approved trunk protector"
09-05	Root barrier planter box	1. Deleted "Approved trunk protector"

09-09	Pop – up lawn sprinkler	1. Changed "6" above lowered position" to "at finished grade."
09-13	Exterior mount automatic controller	1. Added "Add 1' conduit"
09-15	Quick coupler valve	1. Added "insert ball valve here"
09-16	Gate valve	1. Changed "125" to "T-113" on note A.
09-17	Strainer / pressure reducing valve assembly	1. Added "Note: Do not use in city right of way."