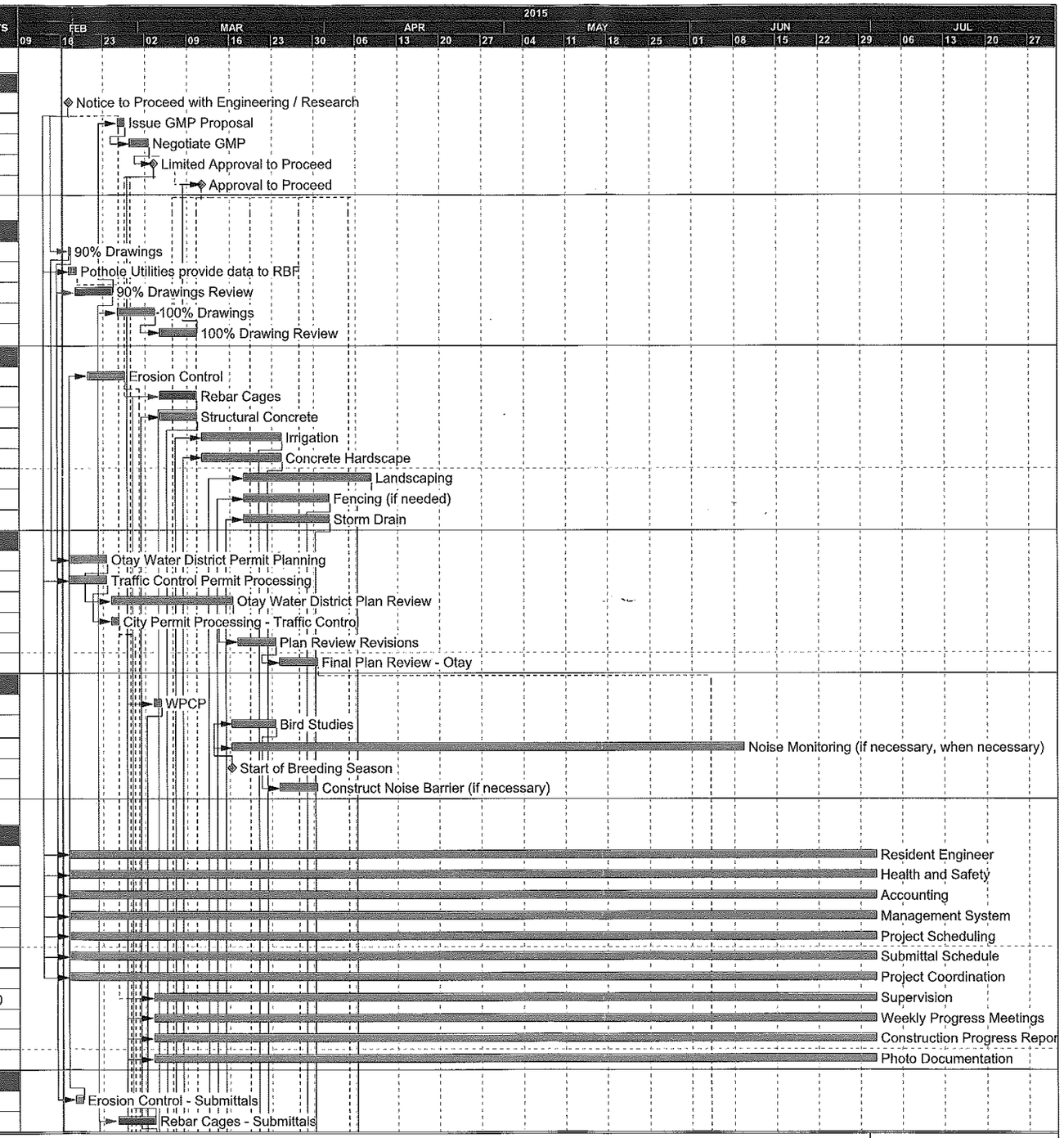
Act ID	Description	Orig Dur	Early Start	Early Finish	Late Start	Late Finish	Total Float	Predecessors
Contracts								
P1010	Notice to Proceed with Engineering / Research	0	17FEB15		17FEB15		0	
P1020	Issue GMP Proposal	2d	25FEB15	26FEB15	26FEB15	27FEB15	1d	D0001120
P1030	Negotiate GMP	2d	27FEB15	02MAR15	02MAR15	03MAR15	1d	P1020
P1040	Limited Approval to Proceed	0	03MAR15		04MAR15		1d	P1030
P1050	Approval to Proceed	0	11MAR15		13MAR15		2d	D0001140,
Design								
Engineering / Plans & Spec								
D0001110	90% Drawings	1d	17FEB15	17FEB15	17FEB15	17FEB15	0	P1010
D0001150	Pothole Utilities provide data to RBF	2d	17FEB15	18FEB15	27FEB15	02MAR15	8d	P1010
D0001120	90% Drawings Review	5d	18FEB15	24FEB15	18FEB15	24FEB15	0	D0001110
D0001130	100% Drawings	5d	25FEB15	03MAR15	27FEB15	05MAR15	2d	D0001120,
D0001140	100% Drawing Review	5d	04MAR15	10MAR15	06MAR15	12MAR15	2d	D0001130
Engineering Submittal Review								
D014R170	Erosion Control	5d	20FEB15	26FEB15	27FEB15	05MAR15	5d	C014S170
D014R100	Rebar Cages	5d	04MAR15	10MAR15	04MAR15	10MAR15	0	C014S100,
D014R110	Structural Concrete	5d	04MAR15	10MAR15	30MAR15	06APR15	18d	C014S110
D014R120	Irrigation	10d	11MAR15	24MAR15	18MAY15	01JUN15	47d	C014S120
D014R140	Concrete Hardscape	10d	11MAR15	24MAR15	14MAY15	28MAY15	45d	C014S140
D014R130	Landscaping	15d	18MAR15	08APR15	20MAY15	10JUN15	44d	C014S130
D014R150	Fencing (if needed)	10d	18MAR15	01APR15	08MAY15	21MAY15	36d	C014S150
D014R160	Storm Drain	10d	18MAR15	01APR15	13APR15	24APR15	17d	C014S160
Permits								
D0004100	Otay Water District Permit Planning	5d	17FEB15	23FEB15	29APR15	05MAY15	50d	D0001110
D0004140	Traffic Control Permit Processing	5d	17FEB15	23FEB15	25FEB15	03MAR15	6d	P1010
D0004110	Otay Water District Plan Review	15d	24FEB15	16MAR15	06MAY15	27MAY15	50d	D0004100
D0004150	City Permit Processing - Traffic Control	2d	24FEB15	25FEB15	04MAR15	05MAR15	6d	D0004140
D0004120	Plan Review Revisions	5d	17MAR15	23MAR15	28MAY15	03JUN15	50d	D0004110
D0004130	Final Plan Review - Otay	5d	24MAR15	30MAR15	04JUN15	10JUN15	50d	D0004120
Environmental								
D0005110	WPCP	2d	03MAR15	04MAR15	04MAR15	05MAR15	1d	P1040
D0005100	Bird Studies	6d	16MAR15	23MAR15	08JUL15	15JUL15	80d	D0005140
D0005120	Noise Monitoring (if necessary, when necessary)	60d	16MAR15	09JUN15	29APR15	22JUL15	31d	D0005140
D0005140	Start of Breeding Season	0	16MAR15 *		13MAR15 *		0	
D0005130	Construct Noise Barrier (if necessary)	5d	24MAR15	30MAR15	16JUL15	22JUL15	80d	D0005100
Construction								
Administrative Requirements - 013000								
C0130100	Resident Engineer	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130110	Health and Safety	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130120	Accounting	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130150	Management System	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130160	Project Scheduling	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130180	Submittal Schedule	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130200	Project Coordination	95d	17FEB15	01JUL15	10MAR15	22JUL15	15d	P1010
C0130130	Supervision	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1010, P1040
C0130140	Weekly Progress Meetings	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1040
C0130170	Construction Progress Reporting	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1040
C0130190	Photo Documentation	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1040
Quality Control - 014000								
C014S170	Erosion Control - Submittals	2d	18FEB15	19FEB15	25FEB15	26FEB15	5d	D0001110
C014S100	Rebar Cages - Submittals	5d	25FEB15	03MAR15	25FEB15	03MAR15	0	D0001120



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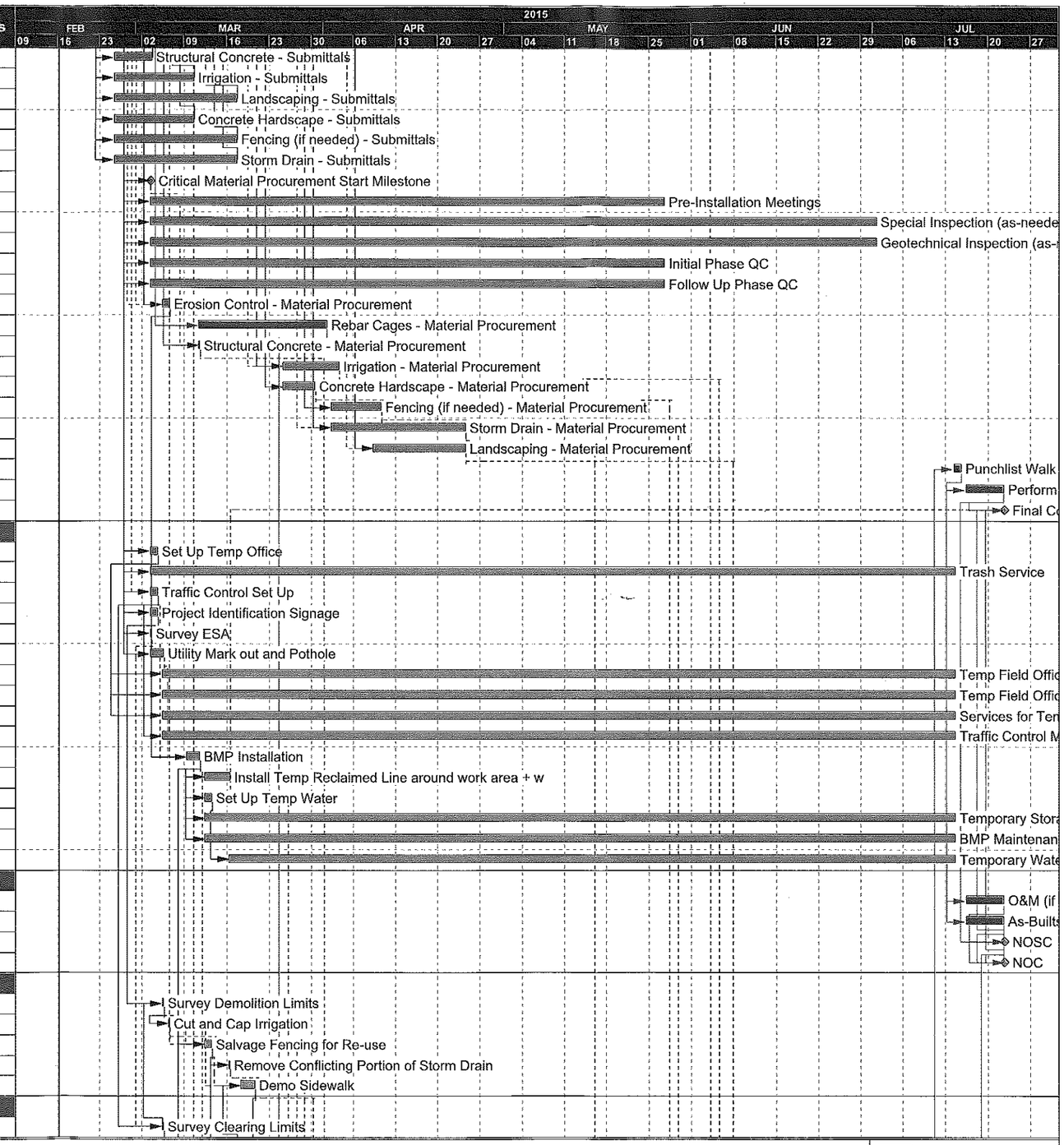
C014S110	Structural Concrete - Submittals	5d	25FEB15	03MAR15	23MAR15	27MAR15	18d	D0001120
C014S120	Irrigation - Submittals	10d	25FEB15	10MAR15	04MAY15	15MAY15	47d	D0001120
C014S130	Landscaping - Submittals	15d	25FEB15	17MAR15	29APR15	19MAY15	44d	D0001120
C014S140	Concrete Hardscape - Submittals	10d	25FEB15	10MAR15	30APR15	13MAY15	45d	D0001120
C014S150	Fencing (if needed) - Submittals	15d	25FEB15	17MAR15	17APR15	07MAY15	36d	D0001120
C014S160	Storm Drain - Submittals	15d	25FEB15	17MAR15	20MAR15	10APR15	17d	D0001120
C014	Critical Material Procurement Start Milestone	0	03MAR15		11MAR15		6d	P1040
C0140100	Pre-Installation Meetings	60d	03MAR15	27MAY15	29APR15	22JUL15	40d	P1040
C0140110	Special Inspection (as-needed)	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1040
C0140120	Geotechnical Inspection (as-needed)	85d	03MAR15	01JUL15	24MAR15	22JUL15	15d	P1040
C0140130	Initial Phase QC	60d	03MAR15	27MAY15	29APR15	22JUL15	40d	P1040
C0140140	Follow Up Phase QC	60d	03MAR15	27MAY15	29APR15	22JUL15	40d	P1040
C014M170	Erosion Control - Material Procurement	2d	05MAR15	06MAR15	06MAR15	09MAR15	1d	D0005110,
C014M100	Rebar Cages - Material Procurement	15d	11MAR15	01APR15	11MAR15	01APR15	0	C014,
C014M110	Structural Concrete - Material Procurement	1d	11MAR15	11MAR15	07APR15	07APR15	18d	C014,
C014M120	Irrigation - Material Procurement	7d	25MAR15	03APR15	02JUN15	10JUN15	47d	D014R120,
C014M140	Concrete Hardscape - Material Procurement	4d	25MAR15	30MAR15	29MAY15	03JUN15	45d	D014R140
C014M150	Fencing (if needed) - Material Procurement	7d	02APR15	10APR15	22MAY15	02JUN15	36d	D014R150
C014M160	Storm Drain - Material Procurement	17d	02APR15	24APR15	27APR15	19MAY15	17d	D014R160,
C014M130	Landscaping - Material Procurement	12d	09APR15	24APR15	11JUN15	26JUN15	44d	D014R130,
C014990	Punchlist Walk & Issue Punchlist	2d	14JUL15	15JUL15	14JUL15	15JUL15	0	C3290140
C014910	Perform Punchlist Work	5d	16JUL15	22JUL15	16JUL15	22JUL15	0	C014990
C014999	Final Completion - not including maintenance	0		22JUL15		22JUL15	0 *	C014910,
Temporary Facilities & Control - 015000								
C0150110	Set Up Temp Office	2d	03MAR15	04MAR15	11MAR15	12MAR15	6d	P1040
C0150130	Trash Service	94d	03MAR15	14JUL15	11MAR15	22JUL15	6d	P1040
C0150180	Traffic Control Set Up	2d	03MAR15	04MAR15	06MAR15	09MAR15	3d	D0004150,
C0150240	Project Identification Signage	2d	03MAR15	04MAR15	10MAR15	11MAR15	5d	P1040
C0150250	Survey ESA	1d	03MAR15	03MAR15	09MAR15	09MAR15	4d	P1040
C0150260	Utility Mark out and Pothole	3d	03MAR15	05MAR15	05MAR15	09MAR15	2d	P1040
C0150115	Temp Field Office	92d	05MAR15	14JUL15	13MAR15	22JUL15	6d	C0150110
C0150120	Temp Field Office Equipment	92d	05MAR15	14JUL15	13MAR15	22JUL15	6d	C0150110
C0150140	Services for Temp Office	92d	05MAR15	14JUL15	13MAR15	22JUL15	6d	C0150110
C0150190	Traffic Control Maintenance	92d	05MAR15	14JUL15	13MAR15	22JUL15	6d	C0150180
C0150210	BMP Installation	3d	09MAR15	11MAR15	10MAR15	12MAR15	1d	C014M170,
C0150100	Install Temp Reclaimed Line around work area +	3d	12MAR15	16MAR15	27MAR15	01APR15	11d	C0150210
C0150150	Set Up Temp Water	2d	12MAR15	13MAR15	20MAR15	23MAR15	6d	C0150210
C0150170	Temporary Storage Facility	87d	12MAR15	14JUL15	20MAR15	22JUL15	6d	C0150210
C0150220	BMP Maintenance	87d	12MAR15	14JUL15	20MAR15	22JUL15	6d	C0150210
C0150160	Temporary Water Usage	85d	16MAR15	14JUL15	24MAR15	22JUL15	6d	C0150150
Closeout Requirements - 017000								
C0170100	O&M (if necessary)	5d	16JUL15	22JUL15	16JUL15	22JUL15	0	C014990
C0170110	As-Builts	5d	16JUL15	22JUL15	16JUL15	22JUL15	0	C014990
C0170120	NOSC	0		22JUL15		22JUL15	0	C014910
C0170130	NOC	0		22JUL15		22JUL15	0	C0170100,
Demolition - 024000								
C2400100	Survey Demolition Limits	1d	05MAR15	05MAR15	12MAR15	12MAR15	5d	C0150240,
C2400130	Cut and Cap Irrigation	1d	06MAR15	06MAR15	01APR15	01APR15	17d	C2400100
C2400120	Salvage Fencing for Re-use	2d	12MAR15	13MAR15	13MAR15	16MAR15	1d	C0150210,
C2400140	Remove Conflicting Portion of Storm Drain	1d	16MAR15	16MAR15	01APR15	01APR15	11d	C2400120
C2400110	Demo Sidewalk	3d	18MAR15	20MAR15	19MAR15	23MAR15	1d	C2400100,
Earth Moving - 312000								
C3120100	Survey Clearing Limits	1d	05MAR15	05MAR15	10MAR15	10MAR15	3d	C0150180,



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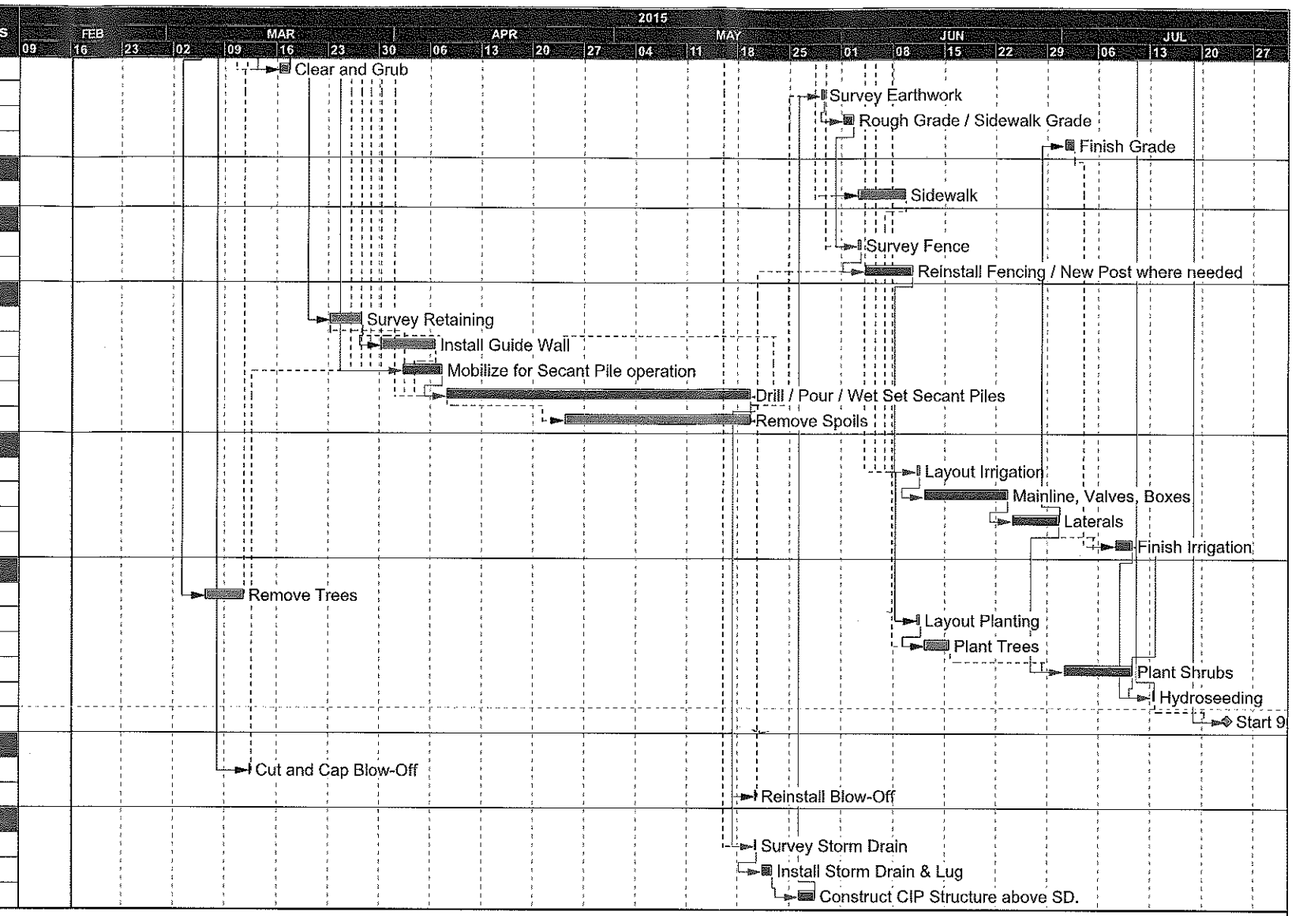
C3120110	Clear and Grub	2d	16MAR15	17MAR15	17MAR15	18MAR15	1d	C0150210,
C3120130	Survey Earthwork	1d	29MAY15	29MAY15	29MAY15	29MAY15	0	C3232130,
C3120140	Rough Grade / Sidewalk Grade	2d	01JUN15	02JUN15	01JUN15	02JUN15	0	C3120130
C3120150	Finish Grade	2d	01JUL15	02JUL15	06JUL15	07JUL15	3d	C3280120
Bases, Ballasts, and Paving - 321000								
C3210100	Sidewalk	5d	03JUN15	09JUN15	04JUN15	10JUN15	1d	C014M140,
Fencing and Gates - 323100								
C3231100	Survey Fence	1d	03JUN15	03JUN15	03JUN15	03JUN15	0	C014M150,
C3231110	Reinstall Fencing / New Post where needed	5d	04JUN15	10JUN15	04JUN15	10JUN15	0	C3231100,
Retaining Walls - 323200								
C3232100	Survey Retaining	5d	23MAR15	27MAR15	24MAR15	30MAR15	1d	C2400110
C3232140	Install Guide Wall	5d	30MAR15	06APR15	01APR15	07APR15	1d	C3232100
C3232110	Mobilize for Secant Pile operation	4d	02APR15	07APR15	02APR15	07APR15	0	C014M100,
C3232120	Drill / Pour / Wet Set Secant Piles	30d	08APR15	19MAY15	08APR15	19MAY15	0	C014M110,
C3232130	Remove Spoils	18d	24APR15	19MAY15	04MAY15	28MAY15	6d	C3232120
Irrigation - 328000								
C3280100	Layout Irrigation	1d	11JUN15	11JUN15	11JUN15	11JUN15	0	C014M120,
C3280110	Mainline, Valves, Boxes	8d	12JUN15	23JUN15	12JUN15	23JUN15	0	C3280100
C3280120	Laterals	5d	24JUN15	30JUN15	24JUN15	30JUN15	0	C3280110
C3280130	Finish Irrigation	3d	08JUL15	10JUL15	08JUL15	10JUL15	0	C3120150,
Planting - 329000								
C3290090	Remove Trees	4d	06MAR15	11MAR15	11MAR15	16MAR15	3d	C3120100
C3290100	Layout Planting	1d	11JUN15	11JUN15	26JUN15	26JUN15	11d	C3231110
C3290110	Plant Trees	2d	12JUN15	15JUN15	29JUN15	30JUN15	11d	C014M130,
C3290120	Plant Shrubs	8d	01JUL15	10JUL15	01JUL15	10JUL15	0	C3280120,
C3290140	Hydroseeding	1d	13JUL15	13JUL15	13JUL15	13JUL15	0	C3280130,
C3290130	Start 90 Day Maintenance	0	23JUL15		23JUL15		0	C0170120,
Water Services - 331000								
C3310100	Cut and Cap Blow-Off	1d	12MAR15	12MAR15	01APR15	01APR15	13d	C0150210
C3310110	Reinstall Blow-Off	1d	20MAY15	20MAY15	03JUN15	03JUN15	9d	C3232120
Storm Drain Utilities - 334000								
C3340100	Survey Storm Drain	1d	20MAY15	20MAY15	20MAY15	20MAY15	0	C014M160,
C3340110	Install Storm Drain & Lug	2d	21MAY15	22MAY15	21MAY15	22MAY15	0	C3340100
C3340120	Construct CIP Structure above SD.	3d	26MAY15	28MAY15	26MAY15	28MAY15	0	C3340110



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