MEMORANDUM

Date: November 3, 2014

To: The Honorable Sharon Bronson, Chair
Pima County Board of Supervisors

From: C.H. Huckelberry
County Administrator

Re: **Select Development and their Transportation Improvement Contracts Including Romero Road, La Cañada Drive and Magee Road**

We have been providing periodic status reports on these projects as requested. Romero Road is complete, and La Cañada Drive is over 90 percent complete. Progress on Magee Road, however, continues to fall behind.

We are working though a number of contract compliance issues that have never before arisen in any transportation project constructed by the County. Complicating our interaction is coordination with the Arizona Department of Transportation and the Federal Highway Administration, since a portion of the funding for these projects is federal funding.

Also, as recently discussed, the County today issued the contractor a 10-day Notice to Cure. A copy of this notice is attached. We are hopeful the contractor will proactively address these issues and provide us with reliable information regarding project status and compliance with all contract terms and requirements. If such does not occur, we are prepared to discuss and make a recommendation regarding this matter.

As directed, I have asked the County Attorney to place this matter on the Board of Supervisors Executive Session of November 18, 2014 for discussion and direction.

CHH/anc

Attachment

c: The Honorable Members, Pima County Board of Supervisors
Chris Straub, Chief Civil Deputy County Attorney
John Bernal, Deputy County Administrator for Public Works
Priscilla Cornelio, Director, Department of Transportation

PIMA COUNTY

DEPARTMENT OF TRANSPORTATION
201 NORTH STONE AVENUE, FOURTH FLOOR
TUCSON, ARIZONA 85701-1207

PRISCILLA S. CORNELIO, P. E.
DIRECTOR

(520) 724-6410
FAX (520) 724-6439

November 3, 2014

Mr. Brandon Neal, Vice President
Select Development and Construction, Inc.
5401 S. Arcadia Ave.
Tucson, AZ 85706

Via Hand Delivery and E-mail

Project: **W.O. 4MRLCO~Magee Rd. Improvements: La Cañada Dr. to Oracle Rd. (S.R. 77)**
Federal ID #: STP-PPM-0(209)D
TRACS#: 0000 PM PPM SS693 01C

RE: **Notice to Cure**

Mr. Neal:

This is a follow up to the Pima County Department of Transportation (PCDOT) letter dated October 7, 2014 (attached) regarding the Select Development and Construction, Inc. (Select) Critical Path Schedule (CPM) identified as August 10, 2014 dated September 17, 2014 and received by PCDOT on September 16, 2014 (CPM update). This letter further addresses Select's Pay Application No. 13 for the Magee project. (Attached)

In its October 7, 2014 letter, PCDOT clearly stated that it does not concur with Select's CPM update and considers it incomplete as it failed to meet the contract requirements. Additionally, Select was advised to review PCDOT's comments, make corrective action, and resubmit the CPM update within ten (10) days from date of the letter. The CPM update resubmittal, including a formal response to PCDOT's letter, was due on October 17, 2014; however, Select has not responded as required.

We also note that the Work is substantially behind schedule. Per your latest Pay Application #13, the actual percentage completion is 19.4%. As of the date of that application, 242 days, 79.1%, of the 306 working days (300 specified in contract plus 6 extension days) allotted to Select to complete the Work had elapsed. As of the date of the attached Pay Application, Select had only 64 working days left to complete 80.6% of the Work and still has not articulated a plan to complete construction within the time required.

Given Select's continuing failure to allocate the necessary resources toward completion of the Work let alone completion by the scheduled completion date, it appears to the County that Select has neither the intention nor the ability to comply with the terms of the Agreement.

Finally, it has come to the County's attention that subcontractors and suppliers are not being timely paid for work completed. Select's failure to pay Jensen Precast for work installed undermined its ability to obtain box culverts for continued project work, and the County is aware that Select failed to promptly pay other subcontractors such as Blue Diamond and Roadsafe Traffic Systems.

Select Development is hereby placed on formal notice that it is in default of its Contract with Pima County according to Article XV (B) – Termination of Contract for Default, which states:
The occurrence of any of the following shall constitute an event of default:

1. Abandonment of or refusal or failure to prosecute the work or any separable part thereof with the diligence that will insure completion within the time specified in this contract, including any extension, or a failure to complete the work (or the separable part of the work) within the specified time;

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5. Failure to make prompt payment to subcontractors or suppliers for material or labor.

Select has ten (10) business days from receipt of this notice to cure all defaults outlined above. Specifically, (1) Select must prepare and submit an updated CPM that complies with the contract standards; (2) the updated CPM must show, by providing full resource allocation information, how Select intends to complete the Work within the time allocated by the Contract; and (3) Select must submit proof that all subcontractors and suppliers have been paid for work completed and materials provided. Should Select fail to cure these defaults within ten (10) business days Pima County will take all necessary actions to protect its position including, but not limited to, termination of the Contract.

In view of this notice of default and the deficiencies noted herein and in the documents referenced herein, Pima County will not release any funds until Select cures its defaults. Pima County instead anticipates that the amounts withheld will be required to pay the expenses it reasonably expects to incur to complete the project in any reasonable time frame.

Sincerely,

Priscilla Cornelio

Priscilla S. Cornelio, P.E.
Director

PSC:AVS:dg

Attachments

c: John Bernal, Public Works County Administrator
Ana Olivares, PCDOT
Roderick Lane, ADOT
Natalie Clark, ADOT

MONTHLY PAY APPLICATION COVER LETTER

TO: Pima County Department of Transportation
FOR: Magee Rd, La Canada to Oracle Rd (SR77)

OWNER'S PROJECT NO.: STP-PPM-0(209)D **Contract #:** 4MRLCO

PAY ESTIMATE # 13
Job to Date for Period Ending: 10/25/2014

TOTAL CONTRACT AMOUNT: $9,974,990.20

TOTAL JOB TO DATE (accum):	$	1,935,085.81
LESS PREVIOUS:	$	1,821,437.91
TOTAL DUE THIS INVOICE:	$	113,647.90

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied to discharge in full, all obligations of CONTRACTOR incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; and (2) title to all materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all liens, claims, security interests and encumbrances (except as covered by Bond acceptable to OWNER)

Dated: 10/27/2014
Select Development and Construction, Inc.

Jim Olson Project Manager

CONTRACTOR: Select Development

PCDOT No.:4MRCLO

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PAY ESTIMATE #13

	TOTAL CHANGE ORDERS	RETENTION	RETENTION	ESCROW
'*' = ITEM ADDED OR REVISED		10%	10%	10%
BY CHANGE ORDERS	$8,233,412.97	$1,741,577.23		$1,639,294.12
	BALANCE ACCOUNT	TOTAL PAYMENTS		PREV PAY
		$1,639,294.12		
		PREV. PAYMENTS		
		ESTIMATE #13	ESTIMATE #13	
		$102,283.11	$102,283.11	
		THIS PAYMENT	THIS PAYMENT	

CONTRACTOR: Select Development

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PCDOT No.:4MRCLO

PAY ESTIMATE #13

ITEM No.	R	ITEM DESCRIPTION	FUNDING	UNIT	UNIT PRICE	BID QTY	BID AMOUNT	TOTAL QTY	TOTAL AMOUNT	ACCUM QTY	ACCUM AMOUNT	CURREN T QTY	CURRENT AMOUNT	PREV QTY	PREV AMOUNT
1080001		DBE Sanctions	DBES	L.S.	($247,380.00)	0	$0.00	0	$0.00	1	($247,380.00)	0	$0.00	1	($247,380.00)
1090010		Fuel Adjustment Allowance	FED	U.S.D	$1.00	75,000	$75,000.00	75,000	$75,000.00	0	$0.00	0	$0.00	0	$0.00
2010001		Clearing and Grubbing	FED	L.S.	$13,558.11	1	$13,558.11	1	$13,558.11	0.85	$11,524.39	0	$0.00	0.85	$11,524.39
2010004		Preservation Fencing	FED	L.F.	$3.39	6,711	$22,750.29	6711	$22,750.29	4195	$14,221.05	0	$0.00	4195	$14,221.05
2010010		Clearing and Grubbing (Noxious and Invasive Specie	FED	U.S.D	$1.00	20,000	$20,000.00	20000	$20,000.00	412.81	$412.81	0	$0.00	412.81	$412.81
2020001		Removal of Structures & Obstructions	FED	L.S.	$54,232.42	1	$54,232.42	1	$54,232.42	0.6	$32,539.45	0.1	$5,423.24	0.5	$27,116.21
2020030		Removal of Bituminous Pavement by Milling	FED	S.Y.	$3.13	3,380	$10,579.40	3380	$10,579.40	0	$0.00	0	$0.00	0	$0.00
2020061		Relocate Mailbox	FED	EACH	$112.99	8	$903.92	8	$903.92	5	$564.95	0	$0.00	5	$564.95
2030300		Roadway Excavation	FED	C.Y.	$6.62	9,716	$64,319.92	9716	$64,319.92	5400	$35,748.00	1300	$8,606.00	4100	$27,142.00
2030401		Drainage Excavation	FED	C.Y.	$16.95	291	$4,932.45	291	$4,932.45	0	$0.00	0	$0.00	0	$0.00
2030500		Excavation (Overexcavation)	FED	C.Y.	$5.94	9,313	$55,319.22	9313	$55,319.22	147	$873.18	0	$0.00	147	$873.18
2030901		Borrow	FED	C.Y.	$13.12	30,469	$399,753.28	30469	$399,753.28	7313	$95,946.56	2390	$31,356.80	4923	$64,589.76
2080001		Separation Geotextile Fabric	FED	S.Y.	$1.27	18,067	$22,945.09	18067	$22,945.09	600	$762.00	45	$57.15	555	$704.85
3030003		Aggregate Base	FED	C.Y.	$33.67	11,295	$380,302.65	11295	$380,302.65	1547	$52,087.49	0	$0.00	1547	$52,087.49
3060002		Geogrid Base Reinforcement	FED	S.Y.	$0.98	18,067	$17,705.66	18067	$17,705.66	600	$588.00	45	$44.10	555	$543.90
4010001		Portland Cement Concrete Pavement	FED	S.Y.	$40.68	867	$35,269.56	867	$35,269.56	349	$14,197.32	349	$14,197.32	0	$0.00
4040111		Tack Coat	FED	TON	$1,231.53	22	$27,093.66	22	$27,093.66	0	$0.00	0	$0.00	0	$0.00
4060001		Asphaltic Concrete (No. 1)	FED	TON	$61.80	9,432	$582,897.60	9432	$582,897.60	1387	$85,716.60	0	$0.00	1387	$85,716.60
4060002		Asphaltic Concrete (No. 2)	FED	TON	$87.50	1,739	$152,162.50	1739	$152,162.50	45	$3,937.50	0	$0.00	45	$3,937.50
4060003		Asphaltic Concrete (No. 3)	FED	TON	$84.47	224	$18,921.28	224	$18,921.28	0	$0.00	0	$0.00	0	$0.00
4060510		Bituminous Material Price Adjustment Allowance	FED	U.S.D	$1.00	75,000	$75,000.00	75000	$75,000.00	0	$0.00	0	$0.00	0	$0.00
4090003		Asphaltic Concrete (Miscellaneous Structural)	FED	TON	$74.28	1,207	$89,655.96	1207	$89,655.96	0	$0.00	0	$0.00	0	$0.00
4130040		Asphaltic Concrete (Asphalt-Rubber)	FED	TON	$38.62	7,239	$279,570.18	7239	$279,570.18	0	$0.00	0	$0.00	0	$0.00
4130042		Asphalt Rubber Material (For AR-AC)	FED	TON	$655.88	616	$404,022.08	616	$404,022.08	0	$0.00	0	$0.00	0	$0.00
4130044		Mineral Admixture (For AR-AC)	FED	TON	$135.59	67	$9,084.53	67	$9,084.53	0	$0.00	0	$0.00	0	$0.00
4140040		Asphaltic Concrete Friction Course (Asphalt-Rubber)	FED	TON	$75.30	108	$8,132.40	108	$8,132.40	0	$0.00	0	$0.00	0	$0.00
4140042		Asphalt Rubber Material (For AR-ACFC)	FED	TON	$689.21	9	$6,202.89	9	$6,202.89	0	$0.00	0	$0.00	0	$0.00
4140044		Mineral Admixture (For AR-ACFC)	FED	TON	$135.59	1	$135.59	1	$135.59	0	$0.00	0	$0.00	0	$0.00
5010007		Pipe, Corrugated Metal, 18"	FED	L.F.	$54.24	79	$4,284.96	79	$4,284.96	0	$0.00	0	$0.00	0	$0.00
5010030		Pipe, Corrugated Metal, 42"	FED	L.F.	$63.28	42	$2,657.76	42	$2,657.76	0	$0.00	0	$0.00	0	$0.00
5010100		Pipe, Slotted, 18" Diameter	FED	L.F.	$100.32	62	$6,219.84	62	$6,219.84	0	$0.00	0	$0.00	0	$0.00
5011010		Pipe, Reinforced Concrete, Class II, 18"	FED	L.F.	$52.86	3,698	$195,476.28	3698	$195,476.28	1607	$84,946.02	0	$0.00	1607	$84,946.02
5011012		Pipe, Reinforced Concrete, Class III, 18"	FED	L.F.	$62.03	337	$20,904.11	337	$20,904.11	204.5	$12,685.14	0	$0.00	204.5	$12,685.14
5011022		Pipe, Reinforced Concrete, Class II, 24"	FED	L.F.	$64.77	701	$45,403.77	701	$45,403.77	662	$42,877.74	0	$0.00	662	$42,877.74
5011023		Pipe, Reinforced Concrete, Class III, 24"	FED	L.F.	$65.62	937	$61,485.94	937	$61,485.94	240	$15,748.80	0	$0.00	240	$15,748.80
5011042		Pipe, Reinforced Concrete, Class II, 36"	FED	L.F.	$103.39	482	$49,833.98	482	$49,833.98	209	$21,608.51	0	$0.00	209	$21,608.51
5011043		Pipe, Reinforced Concrete, Class III, 36"	FED	L.F.	$105.08	185	$19,439.80	185	$19,439.80	182	$19,124.56	0	$0.00	182	$19,124.56
5011047		Pipe, Reinforced Concrete, Class II, 42"	FED	L.F.	$126.09	482	$60,775.38	482	$60,775.38	347	$43,753.23	23	$2,900.07	324	$40,853.16
5014118		Concrete End Section, 18" (ADOT C-13.20)	FED	EACH	$593.17	5	$2,965.85	5	$2,965.85	2	$1,186.34	0	$0.00	2	$1,186.34

CONTRACTOR: Select Development

PCDOT No.:4MRCLO

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PAY ESTIMATE #13

5030015	Catch Basin, PC/COT Std. Dtl. 308, (Type 3, L = 8')	FED	EACH	$4,920.47	12	$59,045.64	12	$59,045.64	3	$14,761.41	0	$0.00	3	$14,761.41
5030017	Catch Basin, PC/COT Std. Dtl. 308 (Type 3, L=12')	FED	EACH	$5,666.16	4	$22,664.64	4	$22,664.64	3	$16,998.48	0	$0.00	3	$16,998.48
5030020	Catch Basin, PC/COT. Std. Dtl. 309, (Single) (D<8')	FED	EACH	$3,446.02	2	$6,892.04	2	$6,892.04	0.12	$413.52	0	$0.00	0.12	$413.52
5030024	Catch Basin, PC/COT Std. Dtl. 309 (Double) (D<8')	FED	EACH	$4,372.49	4	$17,489.96	4	$17,489.96	0.19	$830.77	0	$0.00	0.19	$830.77
5030025	Catch Basin, PC/COT Std. Dtl. 308, (Type 3, L = 16')	FED	EACH	$6,383.61	12	$76,603.32	12	$76,603.32	4.5	$28,726.25	0.5	$3,191.81	4	$25,534.44
5030027	Catch Basin, PC/COT Std. Dtl. 308 (Type 3, 2 Wings	FED	EACH	$7,400.47	4	$29,601.88	4	$29,601.88	0.5	$3,700.24	0.4	$2,960.19	0.1	$740.05
5030028	Catch Basin, PC/COT Std. Dtl. 309 (Single, Off Road	FED	EACH	$3,446.02	5	$17,230.10	5	$17,230.10	1	$3,446.02	0	$0.00	1	$3,446.02
5030105	Concrete Catch Basin, ADOT C-15.10 (Double) H = 8	FED	EACH	$5,592.72	1	$5,592.72	1	$5,592.72	0.03	$167.78	0	$0.00	0.03	$167.78
5030211	Trench Drain	FED	EACH	$17,382.62	1	$17,382.62	1	$17,382.62	0	$0.00	0	$0.00	0	$0.00
5030214	Transverse Drain	FED	EACH	$70,897.59	2	$141,795.18	2	$141,795.18	0	$0.00	0	$0.00	0	$0.00
5030500	Junction Structure	FED	EACH	$29,093.44	3	$87,280.32	3	$87,280.32	0	$0.00	0	$0.00	0	$0.00
5030775	Catch Basin (Special No. 1)	FED	EACH	$7,067.17	9	$63,604.53	9	$63,604.53	5	$35,335.85	0	$0.00	5	$35,335.85
5050002	Storm Drain Manhole (Dtl. 302)	FED	EACH	$2,519.55	1	$2,519.55	1	$2,519.55	0	$0.00	0	$0.00	0	$0.00
5050205	Storm Drain Manhole and Base (PC/COT Std. Dtl. 30	FED	EACH	$3,643.75	9	$32,793.75	9	$32,793.75	0	$0.00	0	$0.00	0	$0.00
5090020	Sewer Manhole Concrete Collar	RWRD	EACH	$395.45	7	$2,768.15	7	$2,768.15	0	$0.00	0	$0.00	0	$0.00
5090100	Sewer Manhole, Reconstruct	RWRD	L.F.	$282.47	69	$19,490.43	69	$19,490.43	0	$0.00	0	$0.00	0	$0.00
5090110	Sewer Manhole, Adjustment	RWRD	EACH	$282.47	5	$1,412.35	5	$1,412.35	0	$0.00	0	$0.00	0	$0.00
5090614	Sewer House Connection Allowance	RWRD	U.S.D	$1.00	10,000	$10,000.00	10000	$10,000.00	0	$0.00	0	$0.00	0	$0.00
5100110	Potable Water, 6" Temporary Highline Installation	TW	L.S.	$4,180.42	1	$4,180.42	1	$4,180.42	1	$4,180.42	0	$0.00	1	$4,180.42
5100280	Potable Water Potholing	FED	EACH	$225.97	3	$677.91	3	$677.91	0	$0.00	0	$0.00	0	$0.00
5101104	Potable Water Pipe, DI, 4" (CL 350)	TW	L.F.	$88.70	64	$5,676.80	64	$5,676.80	60	$5,322.00	0	$0.00	60	$5,322.00
5101106	Potable Water Pipe, DI, 6" (CL 350)	TW	L.F.	$80.79	430	$34,739.70	430	$34,739.70	198	$15,996.42	0	$0.00	198	$15,996.42
5101108	Potable Water Pipe, DI, 8" (CL 350)	TW	L.F.	$99.93	718	$71,749.74	718	$71,749.74	278	$27,780.54	0	$0.00	278	$27,780.54
5101112	Potable Water Pipe, DI, 12" (CL 350)	TW	L.F.	$136.45	502	$68,497.90	502	$68,497.90	479	$65,359.55	0	$0.00	479	$65,359.55
5101404	Potable Water Pipe, PVC, 4", DR 14 (CL 305)	TW	L.F.	$48.59	23	$1,117.57	23	$1,117.57	6	$291.54	0	$0.00	6	$291.54
5101406	Potable Water Pipe, PVC, 6", DR 14 (CL 305)	TW	L.F.	$42.37	63	$2,669.31	63	$2,669.31	269	$11,397.53	0	$0.00	269	$11,397.53
5101408	Potable Water Pipe, PVC, 8", DR 14 (CL 305)	TW	L.F.	$58.23	844	$49,146.12	844	$49,146.12	609	$35,462.07	0	$0.00	609	$35,462.07
5101412	Potable Water Pipe, PVC, 12", DR 14 (CL 305)	TW	L.F.	$73.32	1,202	$88,130.64	1202	$88,130.64	938	$68,774.16	0	$0.00	938	$68,774.16
5101604	Potable Water Pipe, Copper, 1" w/fittings	TW	L.F.	$20.97	683	$14,322.51	683	$14,322.51	635	$13,315.95	0	$0.00	635	$13,315.95
5101606	Potable Water Pipe, Copper, 1-1/2" w/fittings	TW	L.F.	$28.48	32	$911.36	32	$911.36	26	$740.48	0	$0.00	26	$740.48
5101608	Potable Water Pipe, Copper, 2" w/fittings	TW	L.F.	$34.75	235	$8,166.25	235	$8,166.25	148	$5,143.00	0	$0.00	148	$5,143.00
5102112	Potable Water, Tapping Sleeve & Valve, 12" x 8"	TW	EACH	$3,389.53	5	$16,947.65	5	$16,947.65	1	$3,389.53	0	$0.00	1	$3,389.53
5102204	Potable Water, Gate Valve, 4"	TW	EACH	$881.28	1	$881.28	1	$881.28	1	$881.28	0	$0.00	1	$881.28
5102206	Potable Water, Gate Valve, 6"	TW	EACH	$1,039.46	3	$3,118.38	3	$3,118.38	0	$0.00	0	$0.00	0	$0.00
5102208	Potable Water, Gate Valve, 8"	TW	EACH	$1,468.80	9	$13,219.20	9	$13,219.20	2	$2,937.60	0	$0.00	2	$2,937.60
5102212	Potable Water, Gate Valve, 12"	TW	EACH	$2,570.40	5	$12,852.00	5	$12,852.00	0	$0.00	0	$0.00	0	$0.00
5102406	Potable Water, Gate Valve, Cut In, 6"	TW	EACH	$1,982.88	2	$3,965.76	2	$3,965.76	0	$0.00	0	$0.00	0	$0.00
5102408	Potable Water, Gate Valve, Cut In, 8"	TW	EACH	$2,409.96	2	$4,819.92	2	$4,819.92	0	$0.00	0	$0.00	0	$0.00
5102412	Potable Water, Gate Valve, Cut In, 12"	TW	EACH	$3,389.53	2	$6,779.06	2	$6,779.06	1	$3,389.53	0	$0.00	1	$3,389.53

CONTRACTOR: Select Development

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PCDOT No.:4MRCLO

PAY ESTIMATE #13

5102413	Potable Water, Inline Insert Valve, 12"	TW	EACH	$15,874.29	1	$15,874.29	1	$15,874.29	0	$0.00	0	$0.00	0	$0.00
5102604	Potable Water, Combination Air Release Valve, 1"	TW	EACH	$1,344.52	1	$1,344.52	1	$1,344.52	1	$1,344.52	0	$0.00	1	$1,344.52
5103101	Potable Water, Adjust Valve Box and Cover	TW	EACH	$129.94	38	$4,937.72	38	$4,937.72	0	$0.00	0	$0.00	0	$0.00
5103102	Potable Water, Adjust Valve Box and Cover (Metro V	MW	EACH	$141.24	22	$3,107.28	22	$3,107.28	0	$0.00	0	$0.00	0	$0.00
5103205	Potable Water, Fire Hydrant	TW	EACH	$6,372.31	3	$19,116.93	3	$19,116.93	0	$0.00	0	$0.00	0	$0.00
5103210	Potable Water, Fire Hydrant Post Barricade	TW	EACH	$282.47	3	$847.41	3	$847.41	0	$0.00	0	$0.00	0	$0.00
5103308	PRV Station	TW	EACH	$30,505.74	1	$30,505.74	1	$30,505.74	0	$0.00	0	$0.00	0	$0.00
5103310	Potable Water, Pressure Reducing Valve Manhole Ac	MW	EACH	$564.93	1	$564.93	1	$564.93	0	$0.00	0	$0.00	0	$0.00
5105010	Potable Water Pipe Remove & Dispose, 10" & smalle	TW	L.F.	$13.56	881	$11,946.36	881	$11,946.36	933	$12,651.48	0	$0.00	933	$12,651.48
5105011	Potable Water Pipe Remove & Dispose, 10" & Small	MW	L.F.	$16.95	80	$1,356.00	80	$1,356.00	0	$0.00	0	$0.00	0	$0.00
5105012	Potable Water, Pipe Remove & Dispose, 12" & Large	TW	L.F.	$14.69	1,398	$20,536.62	1398	$20,536.62	1057	$15,527.33	0	$0.00	1057	$15,527.33
5105110	Potable Water Pipe, CA, Remove & Dispose, 10" & s	TW	L.F.	$15.82	991	$15,677.62	991	$15,677.62	633	$10,014.06	0	$0.00	633	$10,014.06
5105111	Potable Water Pipe, CA, Remove & Dispose, 10" & S	MW	L.F.	$18.08	258	$4,664.64	258	$4,664.64	0	$0.00	0	$0.00	0	$0.00
5105112	Potable Water Pipe, CA, Remove & Dispose, 12" & la	TW	L.F.	$18.08	179	$3,236.32	179	$3,236.32	171	$3,091.68	0	$0.00	171	$3,091.68
5105310	Potable Water, Remove & Dispose Fire Hydrant	TW	EACH	$903.88	3	$2,711.64	3	$2,711.64	0	$0.00	0	$0.00	0	$0.00
5105320	Potable Water, Remove & Dispose Pressure Reducir	TW	EACH	$903.88	1	$903.88	1	$903.88	0	$0.00	0	$0.00	0	$0.00
5106004	Potable Water, Connections, 4"	TW	EACH	$1,384.06	3	$4,152.18	3	$4,152.18	3	$4,152.18	0	$0.00	3	$4,152.18
5106006	Potable Water, Connections, 6"	TW	EACH	$1,468.80	6	$8,812.80	6	$8,812.80	3	$4,406.40	0	$0.00	3	$4,406.40
5106008	Potable Water, Connections, 8"	TW	EACH	$1,525.29	12	$18,303.48	12	$18,303.48	6	$9,151.74	0	$0.00	6	$9,151.74
5106012	Potable Water, Connections, 12"	TW	EACH	$1,977.23	14	$27,681.22	14	$27,681.22	11	$21,749.53	0	$0.00	11	$21,749.53
5108114	Potable Water, Meter Relocation, Service Line Renev	TW	EACH	$1,163.74	17	$19,783.58	17	$19,783.58	8	$9,309.92	0	$0.00	8	$9,309.92
5108116	Potable Water, Meter Relocation, Service Line Renev	TW	EACH	$1,406.66	3	$4,219.98	3	$4,219.98	2	$2,813.32	0	$0.00	2	$2,813.32
5108118	Potable Water, Meter Relocation, Service Line Renev	TW	EACH	$2,045.02	4	$8,180.08	4	$8,180.08	1	$2,045.02	0	$0.00	1	$2,045.02
5108138	Potable Water, Service Line Renewal (R), 2"	TW	EACH	$1,536.59	1	$1,536.59	1	$1,536.59	0	$0.00	0	$0.00	0	$0.00
5108500	Private Plumbing	TW	EACH	$553.63	7	$3,875.41	7	$3,875.41	7	$3,875.41	0	$0.00	7	$3,875.41
5150101	Utility Impact Allowance	UTL	U.S.D	$1.00	150,000	$150,000.00	150000	$150,000.00	0	$0.00	0	$0.00	0	$0.00
5150103	Miscellaneous Utility Relocation Allowance (Tucson \	TW	U.S.D	$1.00	50,000	$50,000.00	50000	$50,000.00	0	$0.00	0	$0.00	0	$0.00
5150005	Utility Potholing, Depth <12"	FED	EACH	$169.48	200	$33,896.00	200	$33,896.00	179	$30,336.92	2	$338.96	177	$29,997.96
5150007	Utility Potholing, Depth ≥12'	FED	EACH	$203.38	25	$5,084.50	25	$5,084.50	0	$0.00	0	$0.00	0	$0.00
6010101	Box Culvert 1	FED	L.F.	$2,076.53	154	$319,785.62	154	$319,785.62	79	$164,045.87	0	$0.00	79	$164,045.87
6010102	Box Culvert 2	FED	L.F.	$1,192.01	412	$491,108.12	412	$491,108.12	165	$196,681.65	0	$0.00	165	$196,681.65
6010103	Box Culvert 3	FED	L.F.	$512.26	1,177	$602,930.02	1177	$602,930.02	0	$0.00	0	$0.00	0	$0.00
6010104	Box Culvert 4	FED	L.F.	$312.35	419	$130,874.65	419	$130,874.65	0	$0.00	0	$0.00	0	$0.00
6010105	Box Culvert 5	FED	L.F.	$850.64	272	$231,374.08	272	$231,374.08	0	$0.00	0	$0.00	0	$0.00
6010106	Box Culvert 6	FED	L.F.	$293.03	441	$129,226.23	441	$129,226.23	0	$0.00	0	$0.00	0	$0.00
6010721	Concrete Apron	FED	S.Y.	$41.81	11	$459.91	11	$459.91	0	$0.00	0	$0.00	0	$0.00
6016087	Concrete Headwall	FED	EACH	$6,821.99	4	$27,287.96	4	$27,287.96	1	$6,821.99	0	$0.00	1	$6,821.99
6070010	Sign Post (Perforated) (Single)	FED	L.F.	$4.81	1,197	$5,757.57	1197	$5,757.57	0	$0.00	0	$0.00	0	$0.00
6070020	Sign Post (U-Channel) (Galvanized Steel)	FED	EACH	$79.09	6	$474.54	6	$474.54	0	$0.00	0	$0.00	0	$0.00

CONTRACTOR: Select Development

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PCDOT No.:4MRCLO

PAY ESTIMATE #13

6070110	Foundation for Sign Post (Perforated)	FED	EACH	$158.18	133	$21,037.94	133	$21,037.94	0	$0.00	0	$0.00	0	$0.00
6080001	Sign Panel (Agency Provided)	FED	S.F.	$3.39	124	$420.36	124	$420.36	0	$0.00	0	$0.00	0	$0.00
6080015	Sign Panel (Traffic Control) (Permanent) (Type III)	FED	S.F.	$16.17	768	$12,418.56	768	$12,418.56	0	$0.00	0	$0.00	0	$0.00
6080024	Flat Sht Alum W/Dir-App or Slk Scrn Char, Type VIII/	FED	S.F.	$18.65	36	$671.40	36	$671.40	0	$0.00	0	$0.00	0	$0.00
7010001	Maintenance and Protection of Traffic	FED	L.S.	$131,796.07	1	$131,796.07	1	$131,796.07	0.55	$72,487.84	0.05	$6,589.80	0.5	$65,898.04
7010007	Construction Area Elements (Predetermined Reimbur	FED	U.S.D	$1.00	90,000	$90,000.00	90000	$90,000.00	19718.09	$19,718.09	5178.25	$5,178.25	14539.8	$14,539.84
7010010	Temporary Concrete Barrier (Installation and Remova	FED	L.F.	$13.56	8,500	$115,260.00	8500	$115,260.00	1860	$25,221.60	520	$7,051.20	1340	$18,170.40
7010025	Flashing Arrow Panel	FED	Ea/Da	$9.04	2,500	$22,600.00	2500	$22,600.00	0	$0.00	0	$0.00	0	$0.00
7010027	Changeable Message Board	FED	Ea/Da	$28.25	900	$25,425.00	900	$25,425.00	18	$508.50	12	$339.00	6	$169.50
7010030	Vertical Panel	FED	Ea/Da	$0.12	200,000	$24,000.00	200000	$24,000.00	26866	$3,223.92	5879	$705.48	20987	$2,518.44
7010035	Barricade (Type II)	FED	Ea/Da	$0.12	70,000	$8,400.00	70000	$8,400.00	7315	$877.80	1579	$189.48	5736	$688.32
7010038	Barricade (Type III)	FED	Ea/Da	$0.24	11,500	$2,760.00	11500	$2,760.00	600	$144.00	175	$42.00	425	$102.00
7010040	Flashing Warning Light (Type A)	FED	Ea/Da	$0.12	157,000	$18,840.00	157000	$18,840.00	20665	$2,503.80	3178	$381.36	17687	$2,122.44
7010043	Flashing Warning Light (Type B)	FED	Ea/Da	$0.57	7,000	$3,990.00	7000	$3,990.00	0	$0.00	0	$0.00	0	$0.00
7010050	Steady-Burning Warning Light (Type C)	FED	Ea/Da	$0.17	185,000	$31,450.00	185000	$31,450.00	20441	$3,474.97	4815	$818.55	15626	$2,656.42
7010055	Standard Intensity Reflective Sheeting, Small Sign (L	FED	Ea/Da	$0.12	68,500	$8,220.00	68500	$8,220.00	20455	$2,454.60	2394	$287.28	18061	$2,167.32
7010060	Standard Intensity Reflective sheeting, Large sign (1(	FED	Ea/Da	$0.24	7,000	$1,680.00	7000	$1,680.00	1851	$444.24	476	$114.24	1375	$330.00
7010063	Portable Sign Stand (Spring Type)	FED	Ea/Da	$0.57	10,500	$5,985.00	10500	$5,985.00	1705	$971.85	280	$159.60	1425	$812.25
7010065	Portable Sign Stand, Small Sign (Less than 10 S.F.)	FED	Ea/Da	$0.17	63,500	$10,795.00	63500	$10,795.00	19172	$3,259.24	2354	$400.18	16818	$2,859.06
7010069	Portable Sign Stand, Large Sign (10 S.F. or Larger)	FED	Ea/Da	$0.57	6,300	$3,591.00	6300	$3,591.00	2093	$1,193.01	434	$247.38	1659	$945.63
7010075	Flagging Services (Civilian)	FED	HOUR	$31.64	3,000	$94,920.00	3000	$94,920.00	72.5	$2,293.90	13	$411.32	59.5	$1,882.58
7010077	Flagging Services (Uniformed Officer) (Off Duty)	FED	HOUR	$39.55	600	$23,730.00	600	$23,730.00	0	$0.00	0	$0.00	0	$0.00
7010079	Official Police Vehicle (Off Duty)	FED	HOUR	$7.91	600	$4,746.00	600	$4,746.00	0	$0.00	0	$0.00	0	$0.00
7040010	Pavement Marking (White Hot-Sprayed Thermoplasti	FED	L.F.	$0.28	46,346	$12,976.88	46346	$12,976.88	0	$0.00	0	$0.00	0	$0.00
7040020	Pavement Marking (Yellow Hot-Sprayed Thermoplast	FED	L.F.	$0.28	19,508	$5,462.24	19508	$5,462.24	0	$0.00	0	$0.00	0	$0.00
7040030	Pavement Marking (White Hot-Sprayed Thermoplasti	FED	EACH	$79.09	44	$3,479.96	44	$3,479.96	0	$0.00	0	$0.00	0	$0.00
7040050	Pavement Marking (White Hot-Sprayed Thermoplasti	FED	EACH	$169.48	3	$508.44	3	$508.44	0	$0.00	0	$0.00	0	$0.00
7040060	Pavement Legend (White Hot-Sprayed Thermoplastic	FED	EACH	$79.09	20	$1,581.80	20	$1,581.80	0	$0.00	0	$0.00	0	$0.00
7040090	Pavement Marking (Colored Pavement Marking)	FED	S.F.	$16.50	57	$940.50	57	$940.50	0	$0.00	0	$0.00	0	$0.00
7040110	Pavement Marking (White Hot Sprayed Thermoplasti	FED	L.F.	$0.52	7,377	$3,836.04	7377	$3,836.04	0	$0.00	0	$0.00	0	$0.00
7040120	Pavement Marking (Yellow Hot-Sprayed Thermoplast	FED	L.F.	$0.85	1,368	$1,162.80	1368	$1,162.80	0	$0.00	0	$0.00	0	$0.00
7050080	Pavement Legend, Preformed, Type I, Bike Lane Leg	FED	EACH	$254.22	20	$5,084.40	20	$5,084.40	0	$0.00	0	$0.00	0	$0.00
7060020	Pavement Marker, Reflective, (Type C, Clear, Red)	FED	EACH	$2.21	619	$1,367.99	619	$1,367.99	0	$0.00	0	$0.00	0	$0.00
7060025	Pavement Marker, Reflective, (Type D, Yellow, Two-\	FED	EACH	$2.21	181	$400.01	181	$400.01	0	$0.00	0	$0.00	0	$0.00
7060030	Pavement Marker, Reflective, (Type G, Clear, One-W	FED	EACH	$2.21	267	$590.07	267	$590.07	0	$0.00	0	$0.00	0	$0.00
7060035	Pavement Marker, Reflective, (Type H, Yellow, One-\	FED	EACH	$2.21	240	$530.40	240	$530.40	0	$0.00	0	$0.00	0	$0.00
7060040	Pavement Marker, Reflective, (Type F, Blue, Two-W:	FED	EACH	$2.21	10	$22.10	10	$22.10	0	$0.00	0	$0.00	0	$0.00
7080001	Pavement Marking Painted	FED	L.F.	$0.11	74,599	$8,205.89	74599	$8,205.89	0	$0.00	0	$0.00	0	$0.00
7080010	Painted Pavement Symbol or Legend	FED	EACH	$16.95	87	$1,474.65	87	$1,474.65	0	$0.00	0	$0.00	0	$0.00

CONTRACTOR: Select Development

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PCDOT No.:4MRCLO

PAY ESTIMATE #13

7310005	Pole (Type A) (8')	FED	EACH	$598.82	1	$598.82	1	$598.82	0	$0.00	0	$0.00	0	$0.00
7310010	Pole (Type A) (10')	FED	EACH	$621.42	8	$4,971.36	8	$4,971.36	0	$0.00	0	$0.00	0	$0.00
7310030	Pole (Type G)	FED	EACH	$1,564.84	4	$6,259.36	4	$6,259.36	0	$0.00	0	$0.00	0	$0.00
7310045	Pole (Type Q)	FED	EACH	$3,728.48	6	$22,370.88	6	$22,370.88	0	$0.00	0	$0.00	0	$0.00
7310050	Pole (Type R)	FED	EACH	$5,248.12	4	$20,992.48	4	$20,992.48	0	$0.00	0	$0.00	0	$0.00
7310060	Pole (Type 2B Street Light)	FED	EACH	$2,056.32	2	$4,112.64	2	$4,112.64	0	$0.00	0	$0.00	0	$0.00
7310085	Post (Type I) (Pedestrian Push Button)	FED	EACH	$412.40	4	$1,649.60	4	$1,649.60	0	$0.00	0	$0.00	0	$0.00
7310200	Pole Foundation (Type A)	FED	EACH	$242.92	9	$2,186.28	9	$2,186.28	0	$0.00	0	$0.00	0	$0.00
7310215	Pole Foundation (Type G)	FED	EACH	$542.33	4	$2,169.32	4	$2,169.32	3	$1,626.99	3	$1,626.99	0	$0.00
7310230	Pole Foundation (Type Q)	FED	EACH	$1,090.30	6	$6,541.80	6	$6,541.80	1	$1,090.30	1	$1,090.30	0	$0.00
7310235	Pole Foundation (Type R)	FED	EACH	$1,090.30	4	$4,361.20	4	$4,361.20	3	$3,270.90	3	$3,270.90	0	$0.00
7310240	Pole Foundation (Type 2A, 2B and 2C Street Light))	FED	EACH	$361.55	2	$723.10	2	$723.10	1	$361.55	1	$361.55	0	$0.00
7310255	Post Foundation (Type 1) (Pedestrian Push Button)	FED	EACH	$242.92	4	$971.68	4	$971.68	0	$0.00	0	$0.00	0	$0.00
7310350	Control Cabinet Foundation	FED	EACH	$355.91	2	$711.82	2	$711.82	0	$0.00	0	$0.00	0	$0.00
7310375	Service Pedestal Cabinet Foundation	FED	EACH	$192.08	3	$576.24	3	$576.24	0	$0.00	0	$0.00	0	$0.00
7310377	BBS Cabinet Foundation	FED	EACH	$468.89	1	$468.89	1	$468.89	0	$0.00	0	$0.00	0	$0.00
7310410	Mast Arm (30 ft.) (Tapered)	FED	EACH	$1,175.04	2	$2,350.08	2	$2,350.08	0	$0.00	0	$0.00	0	$0.00
7310420	Mast Arm (40 ft.) (Tapered)	FED	EACH	$1,903.79	2	$3,807.58	2	$3,807.58	0	$0.00	0	$0.00	0	$0.00
7310425	Mast Arm (45 ft.) (Tapered)	FED	EACH	$1,994.18	2	$3,988.36	2	$3,988.36	0	$0.00	0	$0.00	0	$0.00
7310435	Mast Arm (55 ft.) (Tapered)	FED	EACH	$2,943.24	2	$5,886.48	2	$5,886.48	0	$0.00	0	$0.00	0	$0.00
7310535	Mast Arm (20 ft.) (Tapered) (Luminaire)	FED	EACH	$644.01	14	$9,016.14	14	$9,016.14	0	$0.00	0	$0.00	0	$0.00
7320010	Electrical Conduit (1") (PVC)	FED	L.F.	$6.73	25	$168.25	25	$168.25	0	$0.00	0	$0.00	0	$0.00
7320015	Electrical Conduit (1 1/2") (PVC)	FED	L.F.	$4.29	3,125	$13,406.25	3125	$13,406.25	438	$1,879.02	0	$0.00	438	$1,879.02
7320020	Electrical Conduit (2") (PVC)	FED	L.F.	$7.68	520	$3,993.60	520	$3,993.60	0	$0.00	0	$0.00	0	$0.00
7320021	Electrical Conduit (2") (PVC) (Second in Trench)	FED	L.F.	$2.60	200	$520.00	200	$520.00	44	$114.40	0	$0.00	44	$114.40
7320025	Electrical Conduit (2 1/2") (PVC)	FED	L.F.	$10.17	245	$2,491.65	245	$2,491.65	0	$0.00	0	$0.00	0	$0.00
7320030	Electrical Conduit (3") (PVC)	FED	L.F.	$18.81	1,000	$18,810.00	1000	$18,810.00	27	$507.87	0	$0.00	27	$507.87
7320031	Electrical Conduit (3") (PVC) (Second in Trench)	FED	L.F.	$3.91	750	$2,932.50	750	$2,932.50	0	$0.00	0	$0.00	0	$0.00
7320040	Electrical Conduit (4") (PVC)	FED	L.F.	$9.78	635	$6,210.30	635	$6,210.30	129	$1,261.62	0	$0.00	129	$1,261.62
7320041	Electrical Conduit (4") (PVC) (Second in Trench)	FED	L.F.	$4.52	595	$2,689.40	595	$2,689.40	69	$311.88	0	$0.00	69	$311.88
7320044	Electrical Conduit (4") (PVC) (Telecommunications)	FED	L.F.	$8.59	5,286	$45,406.74	5286	$45,406.74	4978	$42,761.02	0	$0.00	4978	$42,761.02
7320062	Electrical Conduit (4" (PVC) (Concrete Encased)	FED	L.F.	$15.14	266	$4,027.24	266	$4,027.24	267	$4,042.38	0	$0.00	267	$4,042.38
7320150	Tracer Wire	FED	L.F.	$0.74	5,286	$3,911.64	5286	$3,911.64	0	$0.00	0	$0.00	0	$0.00
7320400	Pull Box (No. 3 1/2)	FED	EACH	$186.43	11	$2,050.73	11	$2,050.73	0	$0.00	0	$0.00	0	$0.00
7320409	Pull Box (No. 5) (Polymer Concrete)	FED	EACH	$361.55	2	$723.10	2	$723.10	0	$0.00	0	$0.00	0	$0.00
7320419	Pull Box (No. 7) (Polymer Concrete)	FED	EACH	$378.50	6	$2,271.00	6	$2,271.00	0	$0.00	0	$0.00	0	$0.00
7320420	Pull Box (No. 7)	FED	EACH	$367.20	7	$2,570.40	7	$2,570.40	0	$0.00	0	$0.00	0	$0.00
7320421	Pull Box (No. 7) (with Extension)	FED	EACH	$429.34	3	$1,288.02	3	$1,288.02	0	$0.00	0	$0.00	0	$0.00
7320422	Pull Box (No. 7) (with Extension) (Polymer Concrete)	FED	EACH	$429.34	1	$429.34	1	$429.34	0	$0.00	0	$0.00	0	$0.00

CONTRACTOR: Select Development

PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

PCDOT No.:4MRCLO

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7320440	Pull Box (Fiber Optic)	FED	EACH	$2,028.07	2	$4,056.14	2	$4,056.14	0	$0.00	0	$0.00	0	$0.00
7320459	Vault (Fiber Optic)	FED	EACH	$2,270.99	5	$11,354.95	5	$11,354.95	5	$11,354.95	0	$0.00	5	$11,354.95
7320601	Conductors, Signal/Lighting (Intersection A)	FED	L.S.	$9,869.17	1	$9,869.17	1	$9,869.17	0	$0.00	0	$0.00	0	$0.00
7320602	Conductors, Signal/Lighting (Intersection B)	FED	L.S.	$16,817.70	1	$16,817.70	1	$16,817.70	0	$0.00	0	$0.00	0	$0.00
7320618	Conductor (No. 8) (Insulated)	FED	L.F.	$0.57	1,940	$1,105.80	1940	$1,105.80	0	$0.00	0	$0.00	0	$0.00
7320620	Conductor (No. 10) (Insulated)	FED	L.F.	$0.40	3,720	$1,488.00	3720	$1,488.00	0	$0.00	0	$0.00	0	$0.00
7320628	Conductor (No. 8) (Bare)	FED	L.F.	$0.52	1,780	$925.60	1780	$925.60	0	$0.00	0	$0.00	0	$0.00
7320690	Ground Rod (3/4" Dia. X 10')	FED	EACH	$45.20	4	$180.80	4	$180.80	0	$0.00	0	$0.00	0	$0.00
7320800	Service Pedestal Cabinet	FED	EACH	$1,734.31	1	$1,734.31	1	$1,734.31	0	$0.00	0	$0.00	0	$0.00
7320811	Service Pedestal Cabinet (Intersection A)	FED	EACH	$1,734.31	1	$1,734.31	1	$1,734.31	0	$0.00	0	$0.00	0	$0.00
7320812	Service Pedestal Cabinet (Intersection B)	FED	EACH	$2,135.41	1	$2,135.41	1	$2,135.41	0	$0.00	0	$0.00	0	$0.00
7320820	Battery Back Up Power System	FED	EACH	$4,609.76	1	$4,609.76	1	$4,609.76	0	$0.00	0	$0.00	0	$0.00
7320888	Electrical Service Installation Fees Allowance	FED	U.S.D	$2,500.00	1	$2,500.00	1	$2,500.00	0	$0.00	0	$0.00	0	$0.00
7320890	Electrical Service Installation	FED	L.S.	$514.08	1	$514.08	1	$514.08	0	$0.00	0	$0.00	0	$0.00
7330045	Traffic Signal Face (Type F)	FED	EACH	$446.29	28	$12,496.12	28	$12,496.12	0	$0.00	0	$0.00	0	$0.00
7330050	Traffic Signal Face (Type Q)	FED	EACH	$570.58	8	$4,564.64	8	$4,564.64	0	$0.00	0	$0.00	0	$0.00
7330057	Traffic Signal Face (Type R)	FED	EACH	$480.19	6	$2,881.14	6	$2,881.14	0	$0.00	0	$0.00	0	$0.00
7330070	Traffic Signal Face (Type G)	FED	EACH	$677.91	6	$4,067.46	6	$4,067.46	0	$0.00	0	$0.00	0	$0.00
7330200	Traffic Signal Face (Pedestrian) (Man/Hand)	FED	EACH	$338.96	16	$5,423.36	16	$5,423.36	0	$0.00	0	$0.00	0	$0.00
7330305	Traffic Signal Mounting Assembly (Type II)	FED	EACH	$101.69	10	$1,016.90	10	$1,016.90	0	$0.00	0	$0.00	0	$0.00
7330315	Traffic Signal Mounting Assembly (Type IV)	FED	EACH	$451.94	1	$451.94	1	$451.94	0	$0.00	0	$0.00	0	$0.00
7330320	Traffic Signal Mounting Assembly (Type V)	FED	EACH	$384.15	11	$4,225.65	11	$4,225.65	0	$0.00	0	$0.00	0	$0.00
7330325	Traffic Signal Mounting Assembly (Type VI)	FED	EACH	$468.89	8	$3,751.12	8	$3,751.12	0	$0.00	0	$0.00	0	$0.00
7330330	Traffic Signal Mounting Assembly (Type VII)	FED	EACH	$406.75	4	$1,627.00	4	$1,627.00	0	$0.00	0	$0.00	0	$0.00
7330350	Traffic Signal Mounting Assembly (Type XI)	FED	EACH	$163.83	8	$1,310.64	8	$1,310.64	0	$0.00	0	$0.00	0	$0.00
7330355	Traffic Signal Mounting Assembly (Type A.B./O-3)	FED	EACH	$271.17	10	$2,711.70	10	$2,711.70	0	$0.00	0	$0.00	0	$0.00
7330500	Pre-Empt Beacon	FED	EACH	$276.82	4	$1,107.28	4	$1,107.28	0	$0.00	0	$0.00	0	$0.00
7330501	Relocate Pre-Empt Beacon	FED	EACH	$90.39	1	$90.39	1	$90.39	0	$0.00	0	$0.00	0	$0.00
7330510	Pre-Empt Sensor	FED	EACH	$717.45	4	$2,869.80	4	$2,869.80	0	$0.00	0	$0.00	0	$0.00
7330511	Relocate Pre-Empt Sensor	FED	EACH	$90.39	4	$361.56	4	$361.56	0	$0.00	0	$0.00	0	$0.00
7340041	Traffic Signal Controller Assembly (Type IV) (Intersec	FED	EACH	$29,466.28	1	$29,466.28	1	$29,466.28	0	$0.00	0	$0.00	0	$0.00
7340042	Traffic Signal Controller Assembly (Type IV) (Intersec	FED	EACH	$22,054.52	1	$22,054.52	1	$22,054.52	0	$0.00	0	$0.00	0	$0.00
7350002	Video Detection (Intersection A)	FED	EACH	$29,195.12	1	$29,195.12	1	$29,195.12	0	$0.00	0	$0.00	0	$0.00
7350100	Loop Detector (6' x 6')	FED	EACH	$355.91	6	$2,135.46	6	$2,135.46	0	$0.00	0	$0.00	0	$0.00
7350205	Loop Detector (6' x 50') (Quad)	FED	EACH	$666.61	6	$3,999.66	6	$3,999.66	0	$0.00	0	$0.00	0	$0.00
7350210	Loop Detector (6' x 70') (Quad)	FED	EACH	$853.04	4	$3,412.16	4	$3,412.16	0	$0.00	0	$0.00	0	$0.00
7350400	Pedestrian Push Button (2" ADA Button) (With Sign)	FED	EACH	$367.20	16	$5,875.20	16	$5,875.20	0	$0.00	0	$0.00	0	$0.00
7360030	Luminaire (Horizontal Mount) (HPS 250 Watt)	FED	EACH	$305.06	8	$2,440.48	8	$2,440.48	0	$0.00	0	$0.00	0	$0.00
7360040	Luminaire (Horizontal Mount) (HPS 400 Watt)	FED	EACH	$367.20	8	$2,937.60	8	$2,937.60	0	$0.00	0	$0.00	0	$0.00

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PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

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7360160	Power Supply (Battery Backup)	FED	EACH	$5,321.56	1	$5,321.56	1	$5,321.56	0	$0.00	0	$0.00	0	$0.00
7360190	Photo Electric Control	FED	EACH	$20.34	4	$81.36	4	$81.36	0	$0.00	0	$0.00	0	$0.00
7370001	Maintain Existing Traffic Signals and Lighting (Interse	FED	L.S.	$960.37	1	$960.37	1	$960.37	0	$0.00	0	$0.00	0	$0.00
7370002	Maintain Existing Traffic Signals and Lighting (Interse	FED	L.S.	$960.37	1	$960.37	1	$960.37	0	$0.00	0	$0.00	0	$0.00
7370101	Temporary Traffic Signal (Intersection A)	FED	L.S.	$10,914.28	1	$10,914.28	1	$10,914.28	0	$0.00	0	$0.00	0	$0.00
7370201	Remove & Salvage or Reinstall Electrical Equip & Cc	FED	L.S.	$1,412.31	1	$1,412.31	1	$1,412.31	0	$0.00	0	$0.00	0	$0.00
7370202	Remove & Salvage or Reinstall Electrical Equip & Cc	FED	L.S.	$1,412.31	1	$1,412.31	1	$1,412.31	0	$0.00	0	$0.00	0	$0.00
8030040	Granite Mulch	FED	S.Y.	$4.07	18,951	$77,130.57	18951	$77,130.57	0	$0.00	0	$0.00	0	$0.00
8050004	Seeding (Class II)	FED	ACRE	$2,824.61	5	$14,123.05	5	$14,123.05	0	$0.00	0	$0.00	0	$0.00
8050009	Seeding (Class II) (2nd Application)	FED	ACRE	$2,372.67	5	$11,863.35	5	$11,863.35	0	$0.00	0	$0.00	0	$0.00
8061005	Tree (15 Gallon)	FED	EACH	$79.09	121	$9,569.89	121	$9,569.89	0	$0.00	0	$0.00	0	$0.00
8061009	Tree (24" Box)	FED	EACH	$203.38	35	$7,118.30	35	$7,118.30	0	$0.00	0	$0.00	0	$0.00
8061013	Tree (36" Box)	FED	EACH	$564.93	16	$9,038.88	16	$9,038.88	0	$0.00	0	$0.00	0	$0.00
8061019	Tree (48" Box)	FED	EACH	$903.88	6	$5,423.28	6	$5,423.28	0	$0.00	0	$0.00	0	$0.00
8061090	Tree Staking	FED	EACH	$11.30	35	$395.50	35	$395.50	0	$0.00	0	$0.00	0	$0.00
8061297	Shrub (Five Gallon) (Agency Provided)	FED	EACH	$9.04	473	$4,275.92	473	$4,275.92	0	$0.00	0	$0.00	0	$0.00
8061299	Shrub (15 Gallon)	FED	EACH	$79.09	34	$2,689.06	34	$2,689.06	0	$0.00	0	$0.00	0	$0.00
8061305	Succulent (Five Gallon)	FED	EACH	$33.90	205	$6,949.50	205	$6,949.50	0	$0.00	0	$0.00	0	$0.00
8061602	Saguaro Cactus (1'-3')	FED	EACH	$112.99	10	$1,129.90	10	$1,129.90	0	$0.00	0	$0.00	0	$0.00
8061603	Saguaro Cactus (4'-7')	FED	EACH	$305.06	6	$1,830.36	6	$1,830.36	0	$0.00	0	$0.00	0	$0.00
8061604	Saguaro Cactus (8'-12')	FED	EACH	$610.12	5	$3,050.60	5	$3,050.60	0	$0.00	0	$0.00	0	$0.00
8061610	Cactus (Agency Provided)	FED	EACH	$11.30	284	$3,209.20	284	$3,209.20	0	$0.00	0	$0.00	0	$0.00
8061612	Barrel Cactus	FED	EACH	$33.90	246	$8,339.40	246	$8,339.40	0	$0.00	0	$0.00	0	$0.00
8061655	Ocotillo (4'- 6')	FED	EACH	$56.50	20	$1,130.00	20	$1,130.00	0	$0.00	0	$0.00	0	$0.00
8061700	Landscape Pruning	FED	HOUR	$45.20	20	$904.00	20	$904.00	16	$723.20	0	$0.00	16	$723.20
8061701	Browser Cages	FED	EACH	$16.95	35	$593.25	35	$593.25	0	$0.00	0	$0.00	0	$0.00
8062015	15" Treepot (Agency Provided)	FED	EACH	$9.04	986	$8,913.44	986	$8,913.44	0	$0.00	0	$0.00	0	$0.00
8062024	24" Treepot (Agency Provided)	FED	EACH	$11.30	246	$2,779.80	246	$2,779.80	0	$0.00	0	$0.00	0	$0.00
8070001	Landscaping Establishment	FED	L.S.	$12,337.88	1	$12,337.88	1	$12,337.88	0	$0.00	0	$0.00	0	$0.00
8080001	Landscape Irrigation System	FED	L.S.	$152,603.24	1	$152,603.24	1	$152,603.24	0	$0.00	0	$0.00	0	$0.00
8080011	Miscellaneous Landscape Work	FED	U.S.D	$1.00	75,000	$75,000.00	75000	$75,000.00	0	$0.00	0	$0.00	0	$0.00
8100001	AZPDES/NPDES (Original)	FED	L.S.	$28,246.05	1	$28,246.05	1	$28,246.05	0.4	$11,298.42	0	$0.00	0.4	$11,298.42
8100005	Sediment Log (Discretionary)	FED	L.F.	$3.73	500	$1,865.00	500	$1,865.00	0	$0.00	0	$0.00	0	$0.00
8100006	Sediment Wattle (Discretionary)	FED	L.F.	$1.47	900	$1,323.00	900	$1,323.00	0	$0.00	0	$0.00	0	$0.00
8100012	AZPDES/NPDES Allowance (Modified)	FED	U.S.D	$1.00	50,000	$50,000.00	50000	$50,000.00	0	$0.00	0	$0.00	0	$0.00
9010001	Mobilization	FED	L.S.	$421,548.97	1	$421,548.97	1	$421,548.97	1	$421,548.97	0	$0.00	1	$421,548.97
9080001	Concrete Curb (PC/COT Std. Dtl. 209) (Type 1)	FED	L.F.	$14.13	26,094	$368,708.22	26094	$368,708.22	4426	$62,539.38	687	$9,707.31	3739	$52,832.07
9080006	Concrete Wedge Curb (PC/COT Std. Dtl. 209)	FED	L.F.	$15.82	200	$3,164.00	200	$3,164.00	40	$632.80	0	$0.00	40	$632.80
9080030	Concrete Curb (C-05.10) (Type A)	FED	L.F.	$15.26	962	$14,680.12	962	$14,680.12	0	$0.00	0	$0.00	0	$0.00

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PIMA COUNTY DEPARTMENT OF TRANSPORTATION AND FLOOD CONTROL DISTRICT

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9080063	Concrete Curb and Gutter (C-05.10) (Type D)	FED	L.F.	$22.60	374	$8,452.40	374	$8,452.40	10	$226.00	10	$226.00	0	$0.00
9080090	Concrete Curb Terminal Section (PC/COT Std. 212)	FED	EACH	$50.85	28	$1,423.80	28	$1,423.80	5	$254.25	5	$254.25	0	$0.00
9080107	Concrete Curb and Gutter Transition (C-05.12) (Type	FED	EACH	$141.24	9	$1,271.16	9	$1,271.16	0	$0.00	0	$0.00	0	$0.00
9080112	Concrete Curb Transition (PC/COT Std. Dtl. 210)	FED	L.F.	$16.95	240	$4,068.00	240	$4,068.00	40	$678.00	0	$0.00	40	$678.00
9080201	Concrete Sidewalk	FED	S.F.	$3.62	33,628	$121,733.36	33628	$121,733.36	130	$470.60	130	$470.60	0	$0.00
9080203	Concrete Sidewalk (6")	FED	S.F.	$4.28	604	$2,585.12	604	$2,585.12	0	$0.00	0	$0.00	0	$0.00
9080204	Concrete Sidewalk (C-05.20)	FED	S.F.	$3.62	748	$2,707.76	748	$2,707.76	0	$0.00	0	$0.00	0	$0.00
9080280	Curb Access Ramp, PC/DOT Std. Dtl. 207 (Type 1)	FED	EACH	$1,412.31	24	$33,895.44	24	$33,895.44	1	$1,412.31	1	$1,412.31	0	$0.00
9080281	Curb Access Ramp, PC/COT Std. Dtl. 207 (Type 2)	FED	EACH	$932.12	3	$2,796.36	3	$2,796.36	0	$0.00	0	$0.00	0	$0.00
9080282	Curb Access Ramp, PC/COT Std. Dtl. 207 (Type 3)	FED	EACH	$903.88	21	$18,981.48	21	$18,981.48	3	$2,711.64	3	$2,711.64	0	$0.00
9080285	Median Refuge Area (Type 1)	FED	EACH	$790.89	3	$2,372.67	3	$2,372.67	0	$0.00	0	$0.00	0	$0.00
9080287	Curb Access Ramp (Special)	FED	EACH	$903.88	16	$14,462.08	16	$14,462.08	0	$0.00	0	$0.00	0	$0.00
9080294	Concrete Sidewalk Ramp, Type A (C-05.30)	FED	EACH	$1,412.31	8	$11,298.48	8	$11,298.48	0	$0.00	0	$0.00	0	$0.00
9080300	Concrete Sidewalk Ramp, Type F (C-05.30)	FED	EACH	$847.39	4	$3,389.56	4	$3,389.56	0	$0.00	0	$0.00	0	$0.00
9080301	Concrete Driveway	FED	S.F.	$6.22	5,162	$32,107.64	5162	$32,107.64	0	$0.00	0	$0.00	0	$0.00
9080402	Concrete Header	FED	L.F.	$13.56	1,125	$15,255.00	1125	$15,255.00	0	$0.00	0	$0.00	0	$0.00
9080502	Concrete Ford Wall (1' x 2')	FED	L.F.	$16.95	337	$5,712.15	337	$5,712.15	0	$0.00	0	$0.00	0	$0.00
9090002	Survey Monument	FED	EACH	$129.94	3	$389.82	3	$389.82	0	$0.00	0	$0.00	0	$0.00
9090021	Survey Monument, Frame and Cover	FED	EACH	$197.73	7	$1,384.11	7	$1,384.11	0	$0.00	0	$0.00	0	$0.00
9090522	Survey Marker, Type B (MAG Dtl. 120-1)	FED	EACH	$237.27	1	$237.27	1	$237.27	0	$0.00	0	$0.00	0	$0.00
9130001	Riprap (Dumped)	FED	C.Y.	$53.34	997	$53,179.98	997	$53,179.98	133	$7,094.22	0	$0.00	133	$7,094.22
9130009	Rip Rap (Hand Placed) (Grouted)	FED	S.Y.	$49.72	248	$12,330.56	248	$12,330.56	0	$0.00	0	$0.00	0	$0.00
9231220	RGS Riser, 2.5" (TEP)	FED	EACH	$401.10	1	$401.10	1	$401.10	0	$0.00	0	$0.00	0	$0.00
9231415	RGS Sweeps, 2.5", R=4', 90-degree (TEP)	FED	EACH	$214.67	2	$429.34	2	$429.34	0	$0.00	0	$0.00	0	$0.00
9232100	Trench, 2' width, 0-4.9' depth	FED	L.F.	$5.65	1,649	$9,316.85	1649	$9,316.85	0	$0.00	0	$0.00	0	$0.00
9240002	Provide On-The-Job Training	FED	HOUR	$0.80	1,500	$1,200.00	1500	$1,200.00	480	$384.00	0	$0.00	480	$384.00
9240002A	OJT Retainage	FED	U.S.D	$1.00	0	$0.00	0	$0.00	-2000	($2,000.00)	-1000	($1,000.00)	-1000	($1,000.00)
9260001	Engineer's Field Office	FED	L.S.	$16,947.63	1	$16,947.63	1	$16,947.63	0.55	$9,321.20	0.09	$1,525.29	0.46	$7,795.91
9300100	Incidental Items Allowance	FED	U.S.D	$1.00	300,000	$300,000.00	300000	$300,000.00	0	$0.00	0	$0.00	0	$0.00
9320050	Concrete Pavers	FED	S.F.	$5.82	12,615	$73,419.30	12615	$73,419.30	0	$0.00	0	$0.00	0	$0.00
9330001	Barricade Railing (PC/COT Std. Dtl. 105)	FED	L.F.	$19.38	774	$15,000.12	774	$15,000.12	0	$0.00	0	$0.00	0	$0.00

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$9,974,990.20	$9,974,990.20	$1,935,085.81	$113,647.90	$1,821,437.91
BID AMOUNT	TOTAL AMOUNT	ACCUM PAY AMT.	CURRENT	PREVIOUS
	ADJ CONTRACT	TOTAL TO DATE		
	$0.00	$193,508.58	$11,364.79	$182,143.79

PIMA COUNTY

DEPARTMENT OF TRANSPORTATION
201 NORTH STONE AVENUE, FOURTH FLOOR
TUCSON, ARIZONA 85701-1207

PRISCILLA S. CORNELIO, P. E.
DIRECTOR

(520) 724-6410
FAX (520) 724-6439

October 7, 2014

Mr. Jim Olson, Project Manager
Select Development
5401 S. Arcadia Ave.
Tucson, AZ 85706

Project: **W.O. 4MRLCO~Magee Rd. Improvements: La Cañada Dr. to Oracle Rd. (S.R. 77)**
Federal ID #: STP-PPM-0(209)D
TRACS#: 0000 PM PPM SS693 01C

Re: **Critical Path Schedule**

Jim Olson,

This is to inform you of the findings made upon review of the Critical Path Schedules (CPM) submitted by Select Development and Construction, Inc. (Select) and received electronically by Pima County Department of Transportation (PCDOT) on September 16, 2014. Please pay particular attention to the Summary which points out the schedule is not in compliance with the contract and requires corrections and resubmittal.

PCDOT is in receipt of Select's email dated September 16, 2014 containing three (3) attachments, June 10, 2014, July 10, 2014, and August 10, 2014 CPM schedules. The provided schedules are identified as follows:

1) Magee III June 10, 2014 with a date of September 17, 2014 (date after Select's transmittal email date of September 16, 2014)
2) Magee III July 10, 2014 with a date of September 17, 2014 (date after Select's transmittal email date of September 16, 2014)
3) Magee III August 10, 2014 with a date of September 17, 2014 (date after Select's transmittal email date of September 16, 2014)

We are uncertain of the meaning of all of these dates and for which months the updates are actually for and as Select should be aware:

a. The June 2014 update is due by July 10, 2014
b. The July 2014 update is due by August 10, 2014
c. The August 2014 update is due on September 10, 2014

In absence of any explanation and lack of knowledge as to the schedules' "run dates" and why Select is submitting three (3) schedules, PCDOT's review was only performed on the latter CPM (***Magee III August 10, 2014 with a date of September 17, 2014***) herein and after referred to as the "CPM update". However, there are significant issues between the schedules of which some require Select's clarification and they are:

1. The Substantial Completion date shown in the 06/10/14 schedule is 05/15/15. The Substantial Completion date shown in the 07/10/14 schedule is 05/15/15. The Substantial Completion date shown in the 08/10/14 schedule is 06/09/15. Extended 25 Calendar days from the previous 2 schedules (05/15/15 vs. 06/09/15).

2. Select added a waterline impact activity in the 08/10/14 schedule under the "Box 3" activities. The duration of this impact activity is 6 working days (08/01/14 to 08/08/14).

3. What are the Status Dates of each of the 3 schedules? Are they 06/10/14, 07/10/14, and 08/10/14 as the schedule file name suggests? If not, then what are they? The schedule files say the Status date is 03/31/14 for all three schedules. This is incorrect if Select intended to update (Status) the schedules to the dates in the schedule file name (i.e. 06/10/14, 07/10/14, and 08/10/14).

4. Many of the uncompleted activities in the schedules have planned start and finish dates that are much earlier than the schedule file name date. For example, in the 08/10/14 schedule, uncompleted Activity ID's 18, 19, 25, 88, 91, 93, 115, 116, 119, 120, 124, 125 have planned completion dates earlier than the 08/10/14 schedule file name date?

5. Select is required to submit a schedule narrative, pdf reports, and all other schedule information that should be submitted with every schedule update as defined in the Contract. Select should be explaining in the narrative schedule progress, delays since the previous monthly schedule and possibly suggest a recovery plan for the delays. For example, the 08/10/14 schedule lost 25 calendar days in the Substantial Completion milestone from the previous 07/10/14 schedule. The schedule narrative should explain how this happened considering that only 30 calendar days had lapsed from the previous 07/10/14 schedule and the 08/10/14 update. The narrative should also discuss any issues (i.e. RFI's, third party delays, existing conditions delays, Select delays, etc... that that may impact the schedule going forward so that impacts can be minimized or mitigated before they occur.

Constrained Dates:

As you are aware, the activities with little calendar symbols in the Indicator column means that these activity are constrained with Start No Earlier Than or Finish No Later Than dates. Using constrained dates in scheduling is included in the scheduling software and therefore is a tool that can be used. However, in our opinion, by just adding a specific constrained date to an activity does not explain to the reader of the schedule what the intent or reason for the date is. The more accurate and telling way to do it, is to add an activity to the schedule that describes the reason for that constrained date and even attach the constrained date to this activity and tie to other affected activities in the schedule with logic ties. For example, if we had an Activity called Form Footing #1, but this activity cannot start until rebar is received on the job. So, we may choose to add an activity in the schedule for rebar fabrication and delivery to site and add a constrained "Complete Not Earlier Than" delivery date of 03/01/14 tie to the start of Form Footing activity. The less preferable way is to just add a "Start Not Earlier Than" date of 03/01/14 to the Form Footing activity which is what Select does when they add a constrained date. Sometimes, by the description of the constrained activity, the reader can deduce what the constrained date means, but in many cases you cannot. Therefore, it's always best to add another activity if necessary so that it's clear what the date means.

Project Time Charges Summary:

The project's time charges began on 10/28/13 and the original contract time is 300 working days. To-date, time extensions totaling 6 working days have been granted to Select by PCDOT via Change Order, making the new contract time 306 working days. As of time report #48 for the week ending Friday, 09/26/14, 222 working days have been assessed and 84 working days are remaining.

The review is concentrated in three (3) different areas, and they are:

1) Compliance of the CPM update with the requirements of Section 108, Prosecution and Progress, and Subsection 108-3, preconstruction Conference, of the project Special Provisions (SP).
2) Scope and schedule inconsistencies.
3) Dates Verification.

1) <u>Compliance with Special Provisions:</u>

As you are aware, Select is responsible for planning, scheduling, executing, and reporting the progress of the work to ensure timely completion of the contract. The specific SP requirements and review comments as they pertain to the CPM update are:

a) **Requirement (Bullet B)** – ".....shall include a complete critical path schedule to cover the Contractor's anticipated time schedule. The schedule shall include a detailed network

diagram acceptable to the Engineer..." ***Review Comment:*** *Select's schedule does not meet this requirement. The CPM update does not identify the milestone activities.*

b) **Requirement (Bullet B1)** - "....all activities shall be plotted on their early start and finish dates. Unless approved by the Engineer, activities shall not exceed 15 working days in length....." ***Review Comment:*** *Select's schedule does not meet this requirement. The CPM update includes several activities with durations in excess of 15 working days in length. As an example, this includes Activity ID's 3, 5, 8 - 10, 23, 12, 14, 15, 18-20, 23, 24, 27, 29, 39, 47, 72, 87, 91, 138, 143, 172, 173, 199, 201, 202, 225, 227 – 232, 234, 235, 238, 239, and 242.*

c) **Requirement (Bullet B5)** - ".....the diagram shall show for each activity the preceding and following event numbers or activity numbers, the activity description, the total float, and the duration of the activity in working days." **Review Comments:** *Select's schedule does not meet this requirement.* Except for the start activity(s) and the project Completion milestone activity, all activities in the schedule should have at least one predecessor and one successor. *There are activities where Select does not provide predecessor and successor activities. These are referred to as "hanging activities". These activities are: 6, 9, 48, 91, 149, 150, 174, and 224.*

d) **Requirement (Bullet B6)** - ".....the activities shall be organized and described so as to conform to the contract bid items. Activity descriptions shall be unique and specific with respect to the type of work and location." **Review Comment:** *Select's schedule does not meet this requirement. For example:*

i. *Activity ID's 229 and 230 references to Irrigation South and Irrigation North respectively, but no explanation as to the whereabouts of South and North? Similarly, Activity ID's 231 and 232 as they pertain to Planting.*
ii. *Activity ID's 218 through 223 references AC, but no distinction between PAG1, PAG2, PAG3, Miscellaneous Structural, and ARAC.*

e) **Requirement (Bullet B7)** - "....be accompanied by a Schedule Report of the network with a tabulation of the following data for each activity..." **Review Comment:** *Select's schedule does not meet this requirement.*

f) **Requirement (Bullet C1)** - ".....the Contractor shall submit a monthly report of actual construction progress by the 10th working day of each calendar month by updating its schedule report to reflect all complete and in progress activities on the project. All negative float shall be explained in detail. If, in the opinion of the Engineer, the detailed network diagram requires revision, either wholly or in part, the Engineer shall so direct the Contractor and the Contractor shall submit such revision within 10 calendar days....." **Review Comment:** *Select's schedule does not meet this requirement.*

g) **Requirement (Bullet C3)** - "....the monthly report shall state the percentage of revenue actually earned as of the report date...." **Review Comment:** *Select's schedule does not meet this requirement.*

h) **Requirement (Bullet C4)** - "...the monthly report shall be accompanied by a narrative description of job progress, problem areas, and current and anticipated delaying factors and their expected effect, and any corrective actions proposed or taken. The narrative description shall also clearly identify any departures from earlier schedules, including, but not limited to, changes in logical sequence or logical ties, constraints, changes in activity durations and changes, additions or deletions in event numbers, activity numbers and activity descriptions. The reasons for each departure shall be included in the narrative description. Any additions or deletions of milestone events must be approved by the Engineer...." **Review Comment:** S*elect's schedule does not meet this requirement. The update does not include a narrative description or any of the other requirements.*

i) **Requirement (Bullet C5)** - ".....the monthly report shall include a summary of all activities sequenced by the total float from least to greatest float and ordered by early start.." **Review Comment:** Select's *schedule does not meet this requirement.*

j) **Requirement (Bullet C7):** ".....the monthly report shall include a detailed predecessor/successor analysis showing the predecessors, successors, logic ties, and constraints for each activity scheduled. These activities shall be ordered by event number or activity number from least to greatest." **Review Comment:** *Select's schedule does not meet this requirement. No hard copies were provided.*

k) **Requirement (Bullet C8)** - "all Extra Work shall be shown on an updated Schedule." **Review Comment:** *Select's schedule does not meet this requirement.*

2) <u>Scope and Schedule Inconsistencies:</u>

a) The CPM update does not reflect all of the project scope. The schedule is missing or not clearly reflecting the following: roadway excavation, drainage excavation, over-excavation, borrow, relocate mailboxes, separation geotextile fabric, geogrid base reinforcement, sewer work, headwalls, raised pavement markers, traffic control, electrical service, temporary traffic signals, decomposed granite, seeding, loop detectors, landscape establishment, curb access ramps, concrete header, riprap, and barricade railing.

b) The following activities are shown on the CPM update as completed; however, they are not. These are Activity ID's 8 and 10.

c) The following activities are shown on the CPM update as not started or incomplete; however, they are either ongoing or are complete. These are Activity ID's 18, 19, 20, 21, 237, etc.

d) Select is responsible for planning, scheduling, and executing the work; however, we have noticed a long listing of potential unreasonable activity durations. These include, but not limited to, Activity ID's 224, 245, 88, 89, 93, 95, 96, 115 – 136, 243, etc.

e) The installation of a substantial portion of the drainage pipes will be done in phases to accommodate traffic movements. This is not reflected in the CPM update.

f) Activity ID 12, Removals: What does this activity includes? The removals of structures and obstructions, removal of bituminous pavement by milling, etc.?

g) Activity ID 224, Striping: Be advised that the contract requires applications of, paint and thermoplastic striping plus a cure period between these different applications.

h) Activity ID's 233 – 242, Electrical: There isn't adequate description in the "Task Name" to compare them to the bid schedule items.

i) Activity ID's 26, 36, 46, 57, 67, and 76 (Boxes 1 through 6): Where are the activities for reinforcement placement for the footing, walls and decks? Are these part of the "CIP" activities? Where are the backfill activities?

j) Phasing of Activity ID's 26, 36, 46, 57, 67, and 76 (Boxes 1 through 6): The CPM update does not reflect that the boxes will be constructed in multiple phases to accommodate traffic movements.

k) Activity ID #'s 161 – 167, Under Ground Completion: What does this refers to?

l) Activity ID #'s 182 – 188, Curbing: Select will not be able to pour all of the median curbing at the same time as the outer curbs due to traffic movements. Where is the median curb accounted for?

m) Activity ID's 183 (EB 417-441) and 184 (EB 441-467): The CPM update shows early start (AS) of 10/30/14 and 11/18/14 respectively; however, these activities have been substantially complete for weeks. These inconsistencies and discrepancies in dates is elsewhere in the CPM update such as 211, 212, etc.

n) Select is currently constructing the roadway in the EB direction and the roadway is barely wide enough to accommodate two (2) lanes of traffic. How and where is the rest of the EB direction typical section accounted for?

o) Activity ID 235, Procure Electrical Materials: Items covered under this material procurement as long lead items. The CPM update is only showing 20 day duration, while it typically takes several months. Additionally, the project includes new signal/electrical cabinet at the Oracle and Magee intersection, which requires added stakeholder coordination. This effort is not reflected in the CPM update.

p) Where are the backfill Activity ID's for the backfill of Boxes 1 through 6?

q) A comparison between the three (3) week look-ahead schedule provided at the 09/23/14 weekly meeting and the CPM update during the same time period has revealed some inconsistencies, and for example, they are:

i. Rough grading – where and what is the corresponding Activity ID in the CPM update?
ii. Install Deck CCB #25 – Starting 09/23/14 versus 02/10/15 in CPM update (Activity ID 142). This is the same for CCB #27, 30, and 31.
iii. Curb, Misc. Hand Pour - Where and what is the corresponding Activity ID?
iv. Traffic Switch, Phases 1 through 4 – Where are these activities in the CPM update?
v. Fine Grade ABC, Sta. 458 to Sta. 467+50– Starting 09/23/14 versus 12/11/14 in CPM update (Activity ID 212)
vi. 8" Lowering Sta. 470+17 to Sta. 470+78 – Scheduled to start on 09/28/14; however, the CPM update for Activity ID 20 (DIP Sections Sta. 467 to Sta. 479) reflects an AS of 04/16/14 and LS of 04/16/14. Why is this +5 month delay in starting this CP activity (0 total slack)? Likewise for the 12'x8" tapping Sleeves at Sta. 470+17 and Sta. 470+78 activities.
vii. Additionally, there are activities in the CPM update that are shown to be ongoing at this time; however, they are not shown in the 3-week look-ahead schedule. For example, Activity ID's 30, 31, 32, 35, 40, 41, 58 – 66, 68, 69, 101, 102, 104 – 108, etc. The opposite is also true.

3) ***Dates Verifications:***

A random check of some Select's Actual Start (AS) dates in the CPM update versus what PCDOT's records reflect has revealed inconsistences. These discrepancies require further review and reconciliation. For example:

Activity ID	Task name	Select AS	PCDOT AS
19	Dip Sections 441 – 467	03/10/14	01/24/14
27	Box 1, Excavation	03/31/14	04/22/14
37	Box 2, Excavation	04/28/14	04/17/14
47	Box 3, Excavation	05/27/14	07/18/14
118	Catch Basin, Sumps, CB 14, 15	05/31/14	03/20/14

141	Catch Basin, Lids, CB 3, 4, 7, 10, 12, 14, 16, 18, 20	01/20/15	09/18/14

Summary:

Again, no hard Microsoft Project printouts were provided by Select of the CPM update. Only electronic copies were provided. As outlined above, the electronic copies are missing key information for review such as an accurate listing of logic ties (predecessors and successors.

As you should be aware, Activity ID 247, Substantial Completion, is shown to be 06/09/15 with 0 working days float and Activity ID 248, Final Completion, is shown to be 06/05/14 with 2 working days float. Both activities are well beyond the remaining contract time of 84 working days (as off 09/26/14). Why?

PCDOT does not concur with Select's CPM update and considers it incomplete and fails to meet the contract requirement. Please review the comments, make corrective action, and resubmit the CPM update within ten (10) days from date of this letter.

If you have any questions, please contact me at 740-2814.

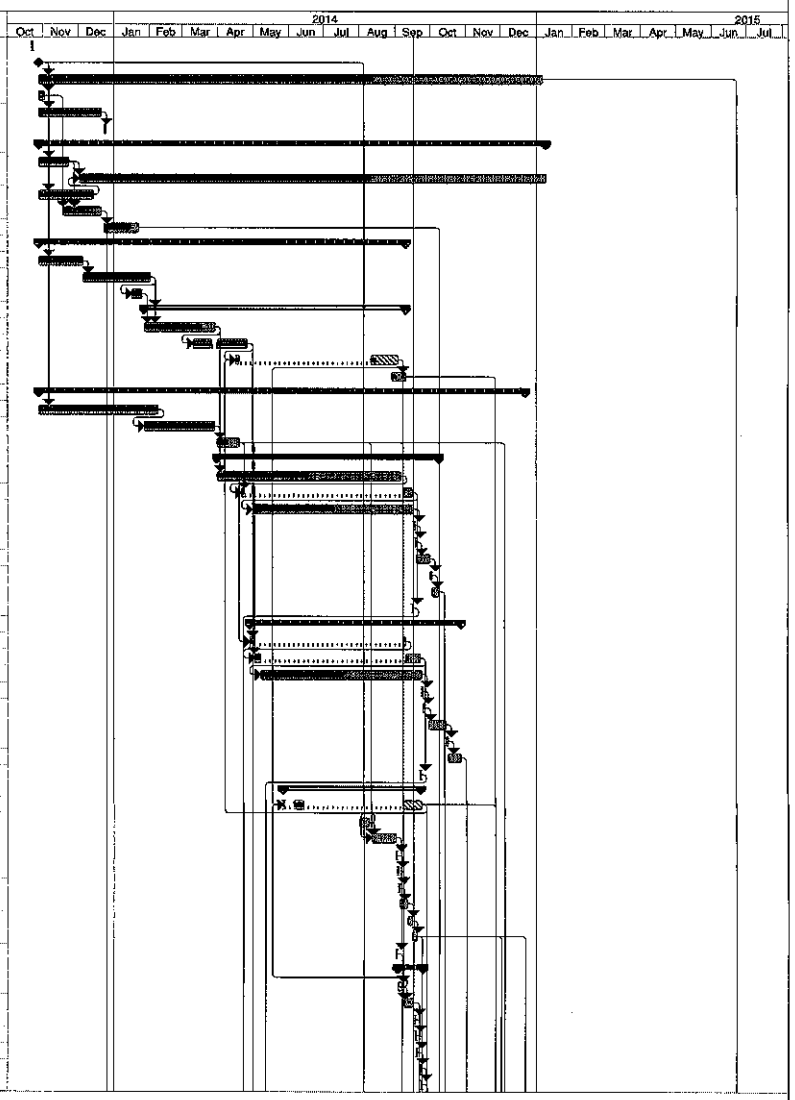
Sincerely,

Thomas J. Kilargis, P.E.
Field Engineering Division Manager

C: Ana Olivares, P.E., Deputy Director
Paul Bennett, P.E., Program Manager
Joe Dominguez, Sr. Inspector

Magee III

ID		Task Name	Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Slack	Predecessors	Successors
1	✓	PRECONSTRUCTION CONFERENCE	1 day	0 days	10/22/13	10/22/13	10/22/13	10/22/13	0 days		
2	✓	NTP	0 days	0 days	10/28/13	10/28/13	10/28/13	10/28/13	0 days		3,5,8,10,4,14,23,234
3		CONTRACT TIME	300 days	99 days	10/28/13	1/5/15	10/28/13	6/9/15	109.4 days	2	249FF
4	✓	MOBILIZATION	5 days	0 days	10/28/13	11/1/13	10/28/13	11/1/13	0 days	2	11
5	✓	SET UP YARD AREA	38 days	0 days	10/28/13	12/20/13	10/28/13	12/20/13	0 days	2	6
6	✓	SET UP TRAILERS	2 days	0 days	12/23/13	12/24/13	12/23/13	12/24/13	0 days	5	
7		**SWPPP**	**303 days**	**94.27 days**	**10/28/13**	**1/8/15**	**10/28/13**	**6/9/15**	**106.4 days**		
8	✓	SWPPP INITIAL SET UP	20 days	0 days	10/28/13	11/22/13	10/28/13	11/22/13	0 days	2	9,11FS-5 days
9		SWPPP MAINTAIN/MODIFY	280 days	103.6 days	12/2/13	1/8/15	12/2/13	6/9/15	106.4 days	8,10FS-10 days	
10	✓	PROTECTIVE FENCING	33 days	0 days	10/28/13	12/13/13	10/28/13	12/13/13	0 days	2	9FS-10 days
11		CLEAR & GRUB	23 days	5.75 days	11/18/13	12/20/13	11/18/13	11/19/14	232.2 days	4,8FS-5 days	12,172FS-5 days,87
12		REMOVALS	20 days	5 days	12/23/13	1/21/14	12/23/13	11/26/14	217.2 days	11	176
13		**WATER INSTALLATION**	**221 days**	**36.01 days**	**10/28/13**	**9/9/14**	**10/28/13**	**12/26/14**	**73.4 days**		
14	✓	WATER SUBMITTALS	26 days	0 days	10/28/13	12/4/13	10/28/13	12/4/13	0 days	2	15
15	✓	WATER REDESIGN	40 days	0 days	12/5/13	1/31/14	12/5/13	1/31/14	0 days	14	17,18,16FS-12 days
16	✓	MATERIAL PROCUREMENT	7 days	0 days	1/16/14	1/24/14	1/16/14	1/24/14	0 days	15FS-12 days	18
17		**WATER INSTALLATION**	**160 days**	**44.19 days**	**1/27/14**	**9/9/14**	**1/27/14**	**12/26/14**	**73.4 days**	**15**	
18		DIP SECTIONS 441 WEST	45 days	9 days	1/27/14	3/28/14	1/27/14	8/6/14	90.14 days	16,15	19FS-15 days,27
19		DIP SECTIONS 441-467	32 days	1.6 days	3/10/14	4/25/14	3/10/14	8/27/14	86 days	18FS-15 days	37,20FS-8 days,97
20		DIP SECTIONS 467-479	20 days	12 days	4/16/14	9/2/14	4/16/14	9/2/14	0 days	19FS-8 days,48	21FS-3 days,58,47
21		DIP SECTIONS 479-EAST	8 days	6.4 days	8/29/14	9/9/14	8/29/14	12/26/14	73.4 days	20FS-3 days	77
22		**BOX CONSTRUCTION**	**291.4 days**	**155.25 days**	**10/28/13**	**12/22/14**	**10/28/13**	**1/22/15**	**21 days**		
23	✓	PRECAST DESIGNS	71 days	0 days	10/28/13	2/7/14	10/28/13	2/7/14	0 days	2	24FS-15 days
24	✓	PRECAST SUBMITTALS	45 days	0 days	1/27/14	3/28/14	1/27/14	3/28/14	0 days	23FS-15 days	25
25		PRECAST FABRICATION	15 days	7.5 days	3/31/14	4/18/14	3/31/14	10/16/14	125.4 days	24	28,38,49,59,78
26		**BOX 1**	**135 days**	**71.82 days**	**3/31/14**	**10/8/14**	**3/31/14**	**11/26/14**	**34.2 days**		
27		EXCAVATION	113 days	56.5 days	3/31/14	9/5/14	3/31/14	10/24/14	33.64 days	18	26,37
28		SET PRECAST	8 days	4 days	4/21/14	9/15/14	4/21/14	11/18/14	44.6 days	25,27	29FS-96 days,35
29		CIP FORM FOOTINGS	97.4 days	48.7 days	4/30/14	9/16/14	4/30/14	11/5/14	34.7 days	28FS-96 days	30
30		CIP POUR FOOTINGS	1 day	0.5 days	9/17/14	9/17/14	9/17/14	11/6/14	34.2 days	29	31
31		CIP STRIP FOOTINGS	1 day	1 day	9/18/14	9/18/14	11/6/14	11/7/14	34.2 days	30	32
32		CIP FORM WALLS AND DECK	7 days	7 days	9/19/14	9/30/14	11/7/14	11/18/14	34.2 days	31	33
33		CIP POUR WALLS AND DECK	2 days	2 days	10/1/14	10/2/14	11/18/14	11/20/14	34.2 days	32	34
34		CIP STRIP WALLS AND DECK	4 days	4 days	10/3/14	10/8/14	11/20/14	11/26/14	34.2 days	33	162
35		PIPE CONNECTIONS	1 day	1 day	9/15/14	9/16/14	11/18/14	11/19/14	44.6 days	28	89
36		**BOX 2**	**128 days**	**74.7 days**	**4/28/14**	**10/27/14**	**4/28/14**	**11/19/14**	**16.4 days**		
37		EXCAVATION	4 days	2 days	4/28/14	9/9/14	4/28/14	10/28/14	33.64 days	27,19	38
38		SET PRECAST	12 days	6 days	5/2/14	9/22/14	5/2/14	11/5/14	31.24 days	37,25	39FS-96 days,45
39		CIP FORM FOOTINGS	97.6 days	48.8 days	5/7/14	9/23/14	5/7/14	10/17/14	16.9 days	38FS-96 days	40
40		CIP POUR FOOTINGS	1 day	0.5 days	9/24/14	9/24/14	9/24/14	10/20/14	16.4 days	39	41
41		CIP STRIP FOOTINGS	2 days	2 days	9/25/14	9/26/14	10/20/14	10/22/14	16.4 days	40	42
42		CIP FORM WALLS AND DECK	11 days	11 days	9/30/14	10/14/14	10/22/14	11/6/14	16.4 days	41	43
43		CIP POUR WALLS AND DECK	2 days	2 days	10/15/14	10/16/14	11/6/14	11/10/14	16.4 days	42	44
44		CIP STRIP WALLS AND DECK	7 days	7 days	10/17/14	10/27/14	11/10/14	11/19/14	16.4 days	43	163
45		PIPE CONNECTIONS	1 day	1 day	9/22/14	9/23/14	11/5/14	11/6/14	31.24 days	38	94,95
46		**BOX 3**	**84.4 days**	**72.74 days**	**5/27/14**	**9/23/14**	**5/27/14**	**11/26/14**	**45 days**		
47		EXCAVATION	19 days	11.4 days	5/27/14	9/23/14	5/27/14	9/23/14	0 days	20,58	77,68,49FS-31 days
48		Tucson Water Delay	6 days	6 days	8/1/14	8/8/14	8/8/14	8/15/14	5 days		49,20
49		SET PRECAST	15 days	15 days	8/11/14	9/1/14	10/16/14	11/6/14	47 days	25,48,47FS-31 days	50,56
50		CIP FORM FOOTINGS	1 day	1 day	9/1/14	9/2/14	11/6/14	11/7/14	47 days	49	51
51		CIP POUR FOOTINGS	1 day	1 day	9/2/14	9/3/14	11/7/14	11/10/14	47 days	50	52
52		CIP STRIP FOOTINGS	1 day	1 day	9/3/14	9/4/14	11/10/14	11/11/14	47 days	51	53
53		CIP FORM WALLS AND DECK	5 days	5 days	9/4/14	9/11/14	11/11/14	11/18/14	47 days	52	54
54		CIP POUR WALLS AND DECK	2 days	2 days	9/11/14	9/15/14	11/18/14	11/20/14	47 days	53	55
55		CIP STRIP WALLS AND DECK	4 days	4 days	9/15/14	9/19/14	11/20/14	11/26/14	47 days	54	156,155,164
56		PIPE CONNECTIONS	1 day	1 day	9/1/14	9/2/14	11/21/14	11/24/14	58 days	49	105,106,108
57		**BOX 4**	**16 days**	**16 days**	**9/3/14**	**9/24/14**	**9/3/14**	**12/19/14**	**0 days**		
58		EXCAVATION	3 days	3 days	9/3/14	9/5/14	9/3/14	9/5/14	0 days	20	59,47
59		SET PRECAST	7 days	7 days	9/8/14	9/16/14	11/7/14	11/18/14	43.4 days	58,25	60,66
60		CIP FORM FOOTINGS	1 day	1 day	9/17/14	9/17/14	12/11/14	12/12/14	58.4 days	59	61
61		CIP POUR FOOTINGS	1 day	1 day	9/18/14	9/18/14	12/12/14	12/15/14	58.4 days	60	62
62		CIP STRIP FOOTINGS	1 day	1 day	9/19/14	9/19/14	12/15/14	12/16/14	58.4 days	61	63
63		CIP FORM WALLS AND DECK	1 day	1 day	9/22/14	9/22/14	12/16/14	12/17/14	58.4 days	62	64
64		CIP POUR WALLS AND DECK	1 day	1 day	9/23/14	9/23/14	12/17/14	12/18/14	58.4 days	63	65



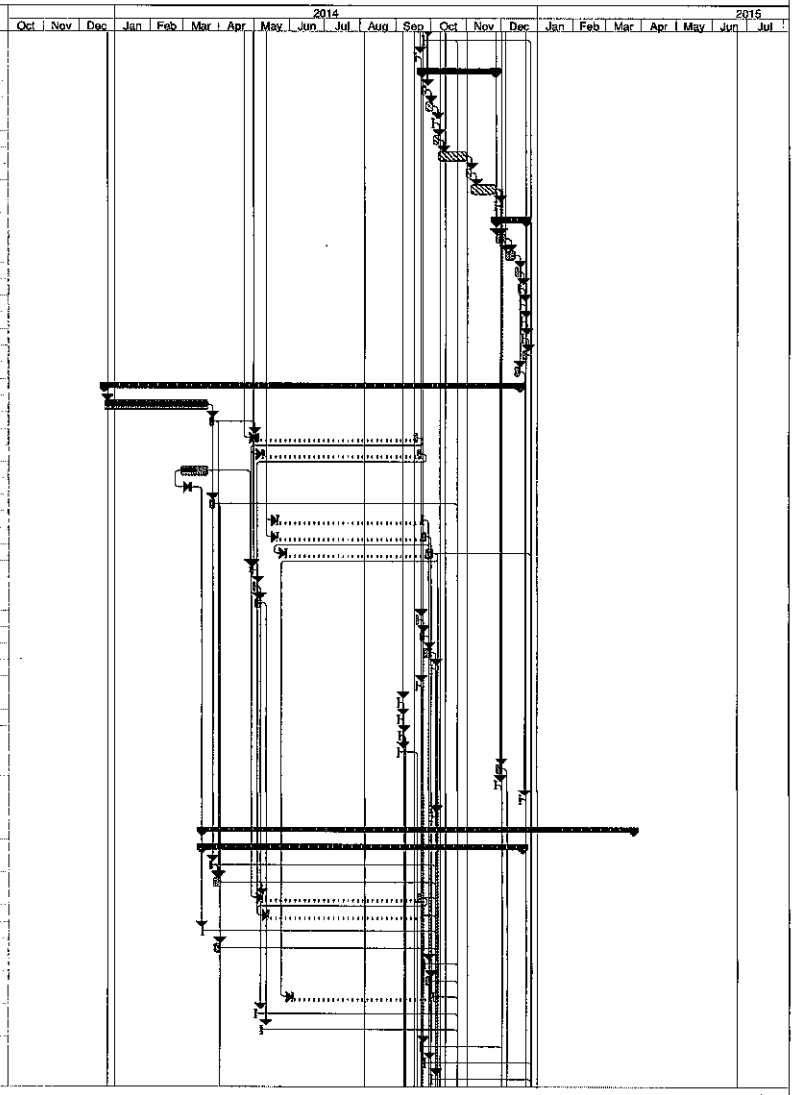
SELECT

Project: Magee III 08-10-14
Date: 9/17/14

Task		Rolled Up Task		Split		Inactive Task		Manual Task		Start-only	
Critical Task		Rolled Up Critical Task		External Tasks		Inactive Task		Duration-only		Finish-only	
Milestone		Rolled Up Milestone		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
Summary		Rolled Up Progress		Group By Summary		Inactive Summary		Manual Summary		Deadline	

Magee III

ID	Task Name	Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Slack	Predecessors	Successors
65	CIP STRIP WALLS AND DECK	1 day	1 day	9/24/14	9/24/14	12/18/14	12/19/14	58.4 days	64	167,166
66	PIPE CONNECTIONS	1 day	1 day	9/17/14	9/17/14	11/18/14	11/19/14	43.4 days	59	100,104,150
67	**BOX 5**	**45 days**	**45 days**	**9/23/14**	**11/26/14**	**9/23/14**	**12/3/14**	**0 days**		
68	EXCAVATION	3 days	3 days	9/23/14	9/26/14	9/23/14	9/26/14	0 days	47	69
69	CIP FORM FOOTINGS	3 days	3 days	9/26/14	10/2/14	9/26/14	10/2/14	0 days	68	70
70	CIP POUR FOOTINGS	1 day	1 day	10/2/14	10/3/14	10/2/14	10/3/14	0 days	69	71
71	CIP STRIP FOOTINGS	2 days	2 days	10/3/14	10/7/14	10/3/14	10/7/14	0 days	70	72
72	CIP FORM WALLS AND DECK	18 days	18 days	10/7/14	10/31/14	10/7/14	10/31/14	0 days	71	73
73	CIP POUR WALLS AND DECK	2 days	2 days	10/31/14	11/4/14	10/31/14	11/4/14	0 days	72	74
74	CIP STRIP WALLS AND DECK	15 days	15 days	11/4/14	11/25/14	11/4/14	11/25/14	0 days	73	75,110,164
75	PIPE CONNECTIONS	1 day	1 day	11/25/14	11/26/14	12/2/14	12/3/14	3 days	74	109,77
76	**BOX 6**	**16 days**	**16 days**	**11/26/14**	**12/22/14**	**12/26/14**	**1/22/15**	**19 days**		
77	EXCAVATION	4 days	4 days	11/26/14	12/4/14	12/26/14	1/2/15	19 days	47,75,21	78
78	SET PRECAST	6 days	6 days	12/4/14	12/12/14	1/2/15	1/12/15	19 days	77,25	79,85
79	CIP FORM FOOTINGS	1 day	1 day	12/12/14	12/15/14	1/12/15	1/13/15	19 days	78	80
80	CIP POUR FOOTINGS	1 day	1 day	12/15/14	12/16/14	1/13/15	1/14/15	19 days	79	81
81	CIP STRIP FOOTINGS	1 day	1 day	12/16/14	12/17/14	1/14/15	1/15/15	19 days	80	82
82	CIP FORM WALLS AND DECK	1 day	1 day	12/17/14	12/18/14	1/15/15	1/16/15	19 days	81	83
83	CIP POUR WALLS AND DECK	1 day	1 day	12/18/14	12/19/14	1/16/15	1/19/15	19 days	82	84
84	CIP STRIP WALLS AND DECK	1 day	1 day	12/19/14	12/22/14	1/19/15	1/20/15	19 days	83	156,167
85	PIPE CONNECTIONS	2 days	2 days	12/12/14	12/16/14	1/20/15	1/22/15	25 days	78	111
86	**DRAINAGE PIPES**	**250.4 days**	**90.56 days**	**12/23/13**	**12/17/14**	**12/23/13**	**1/26/15**	**26 days**		
87	PIPES 9, 6, 3	63 days	0 days	12/23/13	3/21/14	12/23/13	3/21/14	0 days	11	88,115
88	PIPES 2, 1, 4, 5, 7, 8	3 days	1.5 days	3/24/14	3/26/14	3/24/14	11/18/14	165.2 days	87	116,89
89	PIPES 10,11,12,13,14,16	4 days	2 days	5/2/14	9/19/14	5/2/14	11/21/14	43.92 days	35,88	90,117,145
90	PIPES 15,17	3 days	1.08 days	5/8/14	9/22/14	5/8/14	11/25/14	45.34 days	89	118
91	RCP 1	17 days	8.5 days	2/27/14	3/21/14	2/27/14	11/10/14	162.18 days		92SS,93,97
92	PIPES 18	2 days	0 days	3/6/14	3/7/14	3/6/14	3/7/14	0 days	91SS	119
93	PIPES 19,20,21,22,23,24	4 days	3 days	3/24/14	3/27/14	3/24/14	11/19/14	165.4 days	91	145,120,163
94	PIPES 26,25	2 days	1 day	5/21/14	9/24/14	5/21/14	11/18/14	38.3 days	45	121
95	PIPES 27,28,29,30,31	4 days	3.36 days	5/21/14	9/26/14	5/21/14	11/11/14	31.24 days	45	96,147,122
96	PIPES 32,33,34,35,36	4 days	2.4 days	5/28/14	10/2/14	5/28/14	11/14/14	31.24 days	95	148,123,167
97	RCP 2	2 days	1.54 days	4/28/14	4/29/14	4/28/14	11/11/14	136.7 days	91,19	98,99
98	PIPES 38,37	2 days	2 days	4/30/14	5/1/14	11/11/14	11/13/14	136.7 days	97	99,124
99	PIPES 39,40	3 days	3 days	5/2/14	5/6/14	11/13/14	11/18/14	136.7 days	97,98	125
100	PIPES 41	2 days	2 days	9/18/14	9/19/14	11/19/14	11/21/14	43.4 days	66	101,126
101	PIPES 42,44,45,48	3 days	3 days	9/22/14	9/24/14	11/21/14	11/26/14	43.4 days	100	102,127,152
102	PIPES 49,54	3 days	3 days	9/25/14	9/30/14	11/26/14	12/3/14	43.4 days	101	128,112,103
103	PIPES 62,63	1 day	1 day	10/1/14	10/1/14	12/3/14	12/4/14	43.4 days	102	129
104	PIPES 64,65	1 day	1 day	9/18/14	9/18/14	12/17/14	12/18/14	61.4 days	66	130
105	PIPES 66,67,68	1 day	1 day	9/2/14	9/3/14	12/17/14	12/18/14	73 days	56	131
106	PIPES 43,70,50	1 day	1 day	9/2/14	9/3/14	11/24/14	11/25/14	58 days	56	153,159,107
107	PIPES 51,52,53	1 day	1 day	9/3/14	9/4/14	12/2/14	12/3/14	61 days	106	160,132
108	PIPES 71,72	1 day	1 day	9/2/14	9/3/14	11/25/14	11/26/14	59 days	56	155
109	PIPES 69,56	1 day	1 day	11/26/14	12/1/14	12/3/14	12/4/14	3 days	75	133
110	PIPES 60	1 day	1 day	11/25/14	11/26/14	11/25/14	11/26/14	0 days	74	157,134
111	PIPES 55,57,58,59,61	1 day	1 day	12/16/14	12/17/14	1/22/15	1/23/15	25 days	85	135
112	PIPES 46,47	1 day	1 day	10/1/14	10/1/14	1/23/15	1/26/15	78.4 days	102	136,149
113	**CATCH BASINS**	**260.4 days**	**248.44 days**	**3/17/14**	**2/25/15**	**3/24/14**	**3/25/15**	**0 days**		
114	**SUMPS**	**194.4 days**	**162.26 days**	**3/17/14**	**12/19/14**	**3/24/14**	**1/27/15**	**25 days**		
115	CB 7,4,3	2 days	0.68 days	3/24/14	3/25/14	3/24/14	11/18/14	166.2 days	87	116,165
116	CB 1,2,5,6,8,9	4 days	4 days	3/27/14	4/1/14	11/18/14	11/24/14	165.2 days	88,115	117,162
117	CB 10,11,12,13	2 days	1.5 days	5/8/14	9/22/14	5/8/14	11/25/14	44.92 days	89,116	118,162
118	CB 14,15	1 day	0.5 days	5/13/14	9/23/14	5/13/14	11/26/14	44.92 days	90,117	162
119	CB 16	1 day	1 day	3/17/14	3/17/14	12/23/14	12/25/14	196.4 days	92	165
120	CB 17,18,19,20	2 days	1.26 days	3/28/14	3/31/14	3/28/14	11/26/14	168.2 days	93	162
121	CB 22,21	1 day	0.7 days	9/24/14	9/25/14	9/24/14	11/19/14	38 days	94	163
122	CB 23,24	1 day	1 day	9/26/14	9/30/14	11/18/14	11/19/14	35.54 days	95	163
123	CB 25,26,27,28	2 days	1 day	6/3/14	10/3/14	6/3/14	11/19/14	33.24 days	96	163
124	CB 30,29	1 day	0.7 days	5/2/14	5/2/14	5/2/14	11/19/14	139.4 days	98	163
125	CB31,32	1 day	0.7 days	5/7/14	5/7/14	5/7/14	11/19/14	136.4 days	99	163
126	CB 33,34	1 day	1 day	9/22/14	9/22/14	12/4/14	12/5/14	50.4 days	100	164
127	CB 35,36	1 day	1 day	9/25/14	9/25/14	1/26/15	1/27/15	82.4 days	101	167
128	CB 39	1 day	1 day	10/1/14	10/1/14	1/26/15	1/27/15	79.4 days	102	167



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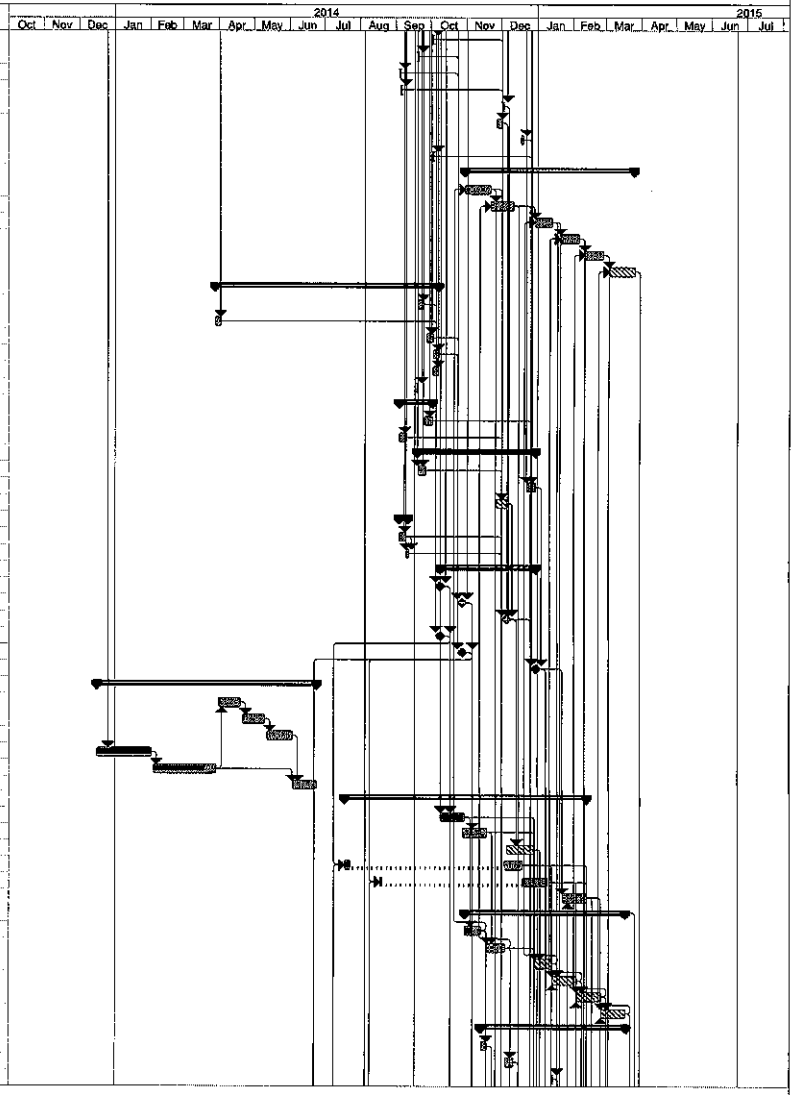
Project: Magee III 08-10-14
Date: 9/17/14

Task | Critical Task | Milestone | Summary | Rolled Up Task | Rolled Up Critical Task | Rolled Up Milestone | Rolled Up Progress | Split | External Tasks | Project Summary | Group By Summary | Inactive Task | Inactive Task | Inactive Milestone | Inactive Summary | Manual Task | Duration-only | Manual Summary Rollup | Manual Summary | Start-only | Finish-only | Progress | Deadline

Magee III

ID		Task Name	Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Slack	Predecessors	Successors
129		CB 47,48	1 day	1 day	10/2/14	10/2/14	12/4/14	12/5/14	43.4 days	103	164
130		CB 49,50	1 day	1 day	9/19/14	9/19/14	12/18/14	12/19/14	61.4 days	104	166
131		CB 51,52	1 day	1 day	9/3/14	9/4/14	12/18/14	12/19/14	73 days	105	166
132		CB 37,38	1 day	1 day	9/4/14	9/5/14	12/4/14	12/5/14	62 days	107	164
133		CB 53,41	1 day	1 day	12/1/14	12/2/14	12/4/14	12/5/14	3 days	109	164
134		CB 45	1 day	1 day	11/26/14	12/1/14	12/4/14	12/5/14	4 days	110	164
135		CB 40,42,43,44,46	2 days	2 days	12/17/14	12/19/14	1/23/15	1/27/15	25 days	111	167
136		CB 36	1 day	1 day	10/2/14	10/2/14	1/26/15	1/27/15	78.4 days	112	167
137		**LIDS**	**100.4 days**	**100.4 days**	**10/30/14**	**3/25/15**	**11/21/14**	**3/25/15**	**0 days**		
138		CB 1,2,5,6,8,9,11,13,15,17,19	16 days	16 days	10/30/14	11/20/14	11/21/14	12/17/14	16.7 days	183FS-10 days	211,139,197
139		CB 21,24,26,28,29,32,51,52	12 days	12 days	11/21/14	12/10/14	12/17/14	1/6/15	16.9 days	184FS-10 days,138	212,140,198
140		CB 34,37,38,41,45,48	10 days	10 days	12/29/14	1/13/15	1/12/15	1/26/15	9 days	185FS-10 days,139	213,141,199
141		CB 3,4,7,10,12,14,16,18,20	12 days	12 days	1/20/15	2/5/15	1/28/15	2/13/15	6 days	186FS-10 days,140	214,142,200
142		CB 22,23,25,27,30,31,49,50	12 days	12 days	2/10/15	2/26/15	2/13/15	3/3/15	3 days	187FS-10 days,141	215,143,201
143		CB 33,35,36,39,40,42,43,44,46,47	16 days	16 days	3/3/15	3/25/15	3/3/15	3/25/15	0 days	188FS-10 days,142	216,202
144		**MANHOLES**	**134.16 days**	**134.16 days**	**3/28/14**	**10/7/14**	**11/14/14**	**6/9/15**	**162.4 days**		
145		MH 1,2	3 days	3 days	9/19/14	9/24/14	11/21/14	11/26/14	43.92 days	89	162
146		MH 3,4	3 days	3 days	3/28/14	4/1/14	11/21/14	11/26/14	167.2 days	93	162
147		MH 5,6	3 days	3 days	9/26/14	10/2/14	11/14/14	11/19/14	33.54 days	95	163
148		MH 7,8	3 days	3 days	10/2/14	10/7/14	11/14/14	11/19/14	31.24 days	96	163
149		MH 9	3 days	3 days	10/2/14	10/6/14	6/4/15	6/9/15	170.4 days	112	
150		MH 10	1 day	1 day	9/18/14	9/18/14	6/8/15	6/9/15	181.4 days	66	
151		**TRENCH DRAINS**	**19.6 days**	**19.6 days**	**9/3/14**	**10/1/14**	**12/1/14**	**1/27/15**	**60 days**		
152		TD 1,2	4 days	4 days	9/25/14	10/1/14	1/21/15	1/27/15	79.4 days	101	167
153		TD 3	4 days	4 days	9/3/14	9/9/14	12/1/14	12/5/14	60 days	106	164
154		**JUNCTION SRUCTURES**	**68 days**	**68 days**	**9/19/14**	**12/30/14**	**11/26/14**	**1/27/15**	**19 days**		
155		JS1	5 days	5 days	9/19/14	9/26/14	11/26/14	12/5/14	47 days	55,108	164
156		JS 2	5 days	5 days	12/22/14	12/30/14	1/20/15	1/27/15	19 days	84,55	167
157		JS 3	5 days	5 days	11/26/14	12/5/14	11/26/14	12/5/14	0 days	110	164
158		**SLOTTED DRAINS**	**6 days**	**6 days**	**9/3/14**	**9/11/14**	**11/25/14**	**12/5/14**	**58 days**		
159		SD 1,2	4 days	4 days	9/3/14	9/9/14	11/25/14	12/3/14	58 days	106	160,164
160		SD 3	2 days	2 days	9/9/14	9/11/14	12/3/14	12/5/14	58 days	107,159	164
161		**UNDER GROUND COMPLETION**	**55.4 days**	**55.4 days**	**10/8/14**	**12/30/14**	**11/19/14**	**1/27/15**	**19 days**		
162		EB 417-441	0 days	0 days	10/8/14	10/8/14	11/26/14	11/26/14	34.2 days	146,120,115,145,34,117,118	176,165,242
163		EB 441-467	0 days	0 days	10/27/14	10/27/14	11/19/14	11/19/14	16.4 days	125,124,123,148,44,93,121,122,	177,166
164		EB 467-490	0 days	0 days	12/5/14	12/5/14	12/5/14	12/5/14	0 days	160,159,55,126,153,155,132,74,	178,167
165		WB 417-441	0 days	0 days	10/8/14	10/8/14	12/25/14	12/25/14	52.4 days	115,119,162	179
166		WB 441-467	0 days	0 days	10/27/14	10/27/14	12/19/14	12/19/14	36.4 days	65,130,131,163	180,240,236FS-100 days
167		WB 467-490	0 days	0 days	12/30/14	12/30/14	1/27/15	1/27/15	19 days	135,84,156,128,152,96,127,65,1	181,238
168		**ROUGH GRADING**	**133 days**	**65 days**	**12/16/13**	**6/23/14**	**12/16/13**	**6/9/15**	**243.4 days**		
169		WB 417-441	15 days	13.5 days	3/31/14	4/18/14	3/31/14	4/7/15	244.9 days	173	170
170		WB 441-467	15 days	13.5 days	4/21/14	5/9/14	4/21/14	4/27/15	243.4 days	169	171
171		WB 467-490	15 days	15 days	5/12/14	6/2/14	4/27/15	5/18/15	243.4 days	170	174
172	✓	EB 417-441	33 days	0 days	12/16/13	1/31/14	12/16/13	1/31/14	0 days	11FS-5 days	173
173		EB 441-467	40 days	8 days	2/3/14	3/28/14	2/3/14	3/19/15	246.4 days	172	174,169
174		EB 467-490	15 days	15 days	6/3/14	6/23/14	5/18/15	6/9/15	243.4 days	173,171	
175		**GRADING**	**144.4 days**	**115.52 days**	**7/18/14**	**2/12/15**	**7/18/14**	**2/24/15**	**8 days**		
176		EB 417-441	15 days	1.5 days	10/9/14	10/29/14	10/9/14	12/1/14	20.7 days	162,12	183,227
177		EB 441-467	15 days	15 days	10/28/14	11/17/14	11/19/14	12/12/14	16.4 days	163	184,227
178		EB 467-490	15 days	15 days	12/5/14	12/29/14	12/5/14	12/29/14	0 days	164	185,227
179		WB 417-441	15 days	12 days	7/18/14	12/18/14	7/18/14	1/13/15	15.4 days	165,218	186,228
180		WB 441-467	15 days	13.5 days	8/18/14	1/9/15	8/18/14	2/3/15	16.9 days	166,219	187,228
181		WB 467-490	15 days	15 days	1/22/15	2/12/15	2/3/15	2/24/15	8 days	167,220	188,228
182		**CURB**	**94.4 days**	**89.37 days**	**10/30/14**	**3/17/15**	**10/30/14**	**3/17/15**	**0 days**		**243**
183		EB 417-441	10 days	6 days	10/30/14	11/12/14	10/30/14	12/9/14	16.7 days	176	190,204,184,138FS-10 days
184		EB 441-467	10 days	10 days	11/18/14	12/3/14	12/12/14	12/29/14	16.4 days	177,183	191,205,185,139FS-10 days
185		EB 467-490	10 days	10 days	12/29/14	1/13/15	12/29/14	1/13/15	0 days	178,184	192,206,186,140FS-10 days
186		WB 417-441	15 days	15 days	1/13/15	2/3/15	1/13/15	2/3/15	0 days	179,185,240	193,207,187,141FS-10 days
187		WB 441-467	15 days	15 days	2/3/15	2/24/15	2/3/15	2/24/15	0 days	180,186,242,237	194,208,188,142FS-10 days
188		WB 467-490	15 days	15 days	2/24/15	3/17/15	2/24/15	3/17/15	0 days	181,187,238	195,209,143FS-10 days
189		**PCCP**	**85.4 days**	**85.4 days**	**11/13/14**	**3/18/15**	**12/12/14**	**5/19/15**	**19.7 days**		
190		EB 417-441	3 days	3 days	11/13/14	11/17/14	12/12/14	12/17/14	19.7 days	183	211
191		EB 441-467	5 days	5 days	12/4/14	12/10/14	12/29/14	1/6/15	16.9 days	184	212
192		EB 467-490	1 day	1 day	1/13/15	1/14/15	1/23/15	1/26/15	6 days	185	213



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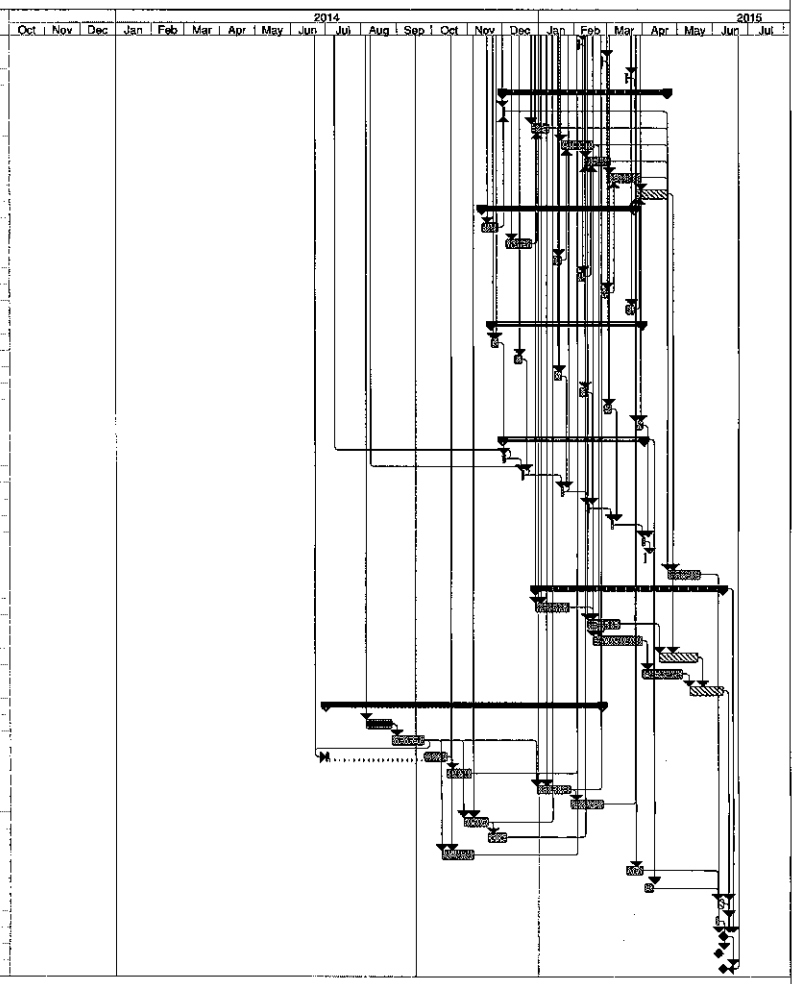
Project: Magee III 08-10-14
Date: 9/17/14

Task		Rolled Up Task		Split		Inactive Task		Manual Task		Start-only	
Critical Task		Rolled Up Critical Task		External Tasks		Inactive Task		Duration-only		Finish-only	
Milestone		Rolled Up Milestone		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
Summary		Rolled Up Progress		Group By Summary		Inactive Summary		Manual Summary		Deadline	

Magee III

ID	Task Name	Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Slack	Predecessors	Successors
193	WB 417-441	2 days	2 days	2/3/15	2/5/15	5/11/15	5/13/15	69 days	186	214
194	WB 441-467	1 day	1 day	2/24/15	2/25/15	5/14/15	5/15/15	57 days	187	215
195	WB 467-490	1 day	1 day	3/17/15	3/18/15	5/18/15	5/19/15	44 days	188	216
196	**SIDEWALKS**	**100.4 days**	**100.4 days**	**12/1/14**	**4/22/15**	**1/26/15**	**5/11/15**	**13 days**		
197	EB 417-441	2 days	2 days	12/1/14	12/2/14	5/7/15	5/11/15	111.4 days	204,138	225
198	EB 441-467	10 days	10 days	12/26/14	1/9/15	4/27/15	5/11/15	85.4 days	205,139	225
199	EB 467-490	20 days	20 days	1/20/15	2/17/15	1/26/15	2/23/15	4 days	206,140	225,229
200	WB 417-441	15 days	15 days	2/10/15	3/3/15	4/20/15	5/11/15	49 days	207,141,241	225
201	WB 441-467	20 days	20 days	3/2/15	3/30/15	4/13/15	5/11/15	30 days	208,142	225
202	WB 467-490	20 days	20 days	3/25/15	4/22/15	3/25/15	4/22/15	0 days	209,143,239	225,230FS-5 days
203	**DRIVEWAYS**	**89.4 days**	**89.4 days**	**11/13/14**	**3/24/15**	**1/19/15**	**5/7/15**	**32 days**		
204	EB 417-441	10 days	10 days	11/13/14	11/26/14	4/23/15	5/7/15	111.4 days	183	197
205	EB 441-467	15 days	15 days	12/4/14	12/25/14	4/6/15	4/27/15	85.4 days	184	198
206	EB 467-490	5 days	5 days	1/13/15	1/20/15	1/19/15	1/26/15	4 days	185	199
207	WB 417-441	5 days	5 days	2/3/15	2/10/15	4/13/15	4/20/15	49 days	186	200
208	WB 441-467	4 days	4 days	2/24/15	3/2/15	4/7/15	4/13/15	30 days	187	201
209	WB 467-490	5 days	5 days	3/17/15	3/24/15	3/18/15	3/25/15	1 day	188	202
210	**ABC**	**88.4 days**	**84.72 days**	**11/21/14**	**3/31/15**	**11/21/14**	**5/26/15**	**39 days**		
211	EB 417-441	4 days	3 days	11/21/14	11/26/14	11/21/14	12/22/14	15.7 days	190,138	218
212	EB 441-467	4 days	4 days	12/11/14	12/16/14	1/6/15	1/12/15	16.9 days	191,139	219
213	EB 467-490	4 days	4 days	1/14/15	1/20/15	1/26/15	1/30/15	8 days	192,140	220
214	WB 417-441	4 days	4 days	2/5/15	2/11/15	5/13/15	5/19/15	69 days	193,141	221
215	WB 441-467	4 days	4 days	2/26/15	3/4/15	5/15/15	5/21/15	56 days	194,142	222
216	WB 467-490	4 days	4 days	3/25/15	3/31/15	5/19/15	5/26/15	39 days	195,143	223
217	**AC**	**86.4 days**	**84.24 days**	**12/1/14**	**4/2/15**	**12/1/14**	**5/28/15**	**39 days**		**244**
218	EB 417-441	2 days	1.7 days	12/1/14	12/2/14	12/1/14	12/25/14	15.4 days	211	219,179
219	EB 441-467	2 days	2 days	12/17/14	12/18/14	1/12/15	1/14/15	16.9 days	212,218	220,180
220	EB 467-490	2 days	2 days	1/20/15	1/22/15	1/30/15	2/3/15	8 days	213,219	221,181
221	WB 417-441	2 days	2 days	2/11/15	2/13/15	5/19/15	5/21/15	69 days	214,220	222
222	WB 441-467	2 days	2 days	3/4/15	3/6/15	5/21/15	5/26/15	56 days	215,221	223
223	WB 467-490	2 days	2 days	3/31/15	4/2/15	5/26/15	5/28/15	39 days	216,222	224
224	STRIPING	1 day?	1 day?	4/2/15	4/3/15	6/8/15	6/9/15	46 days?	223	
225	SIGNS	20 days	20 days	4/22/15	5/20/15	5/11/15	6/9/15	13 days	197,198,199,200,201,202	247
226	**LANDSCAPE**	**114 days**	**114 days**	**12/29/14**	**6/9/15**	**1/26/15**	**6/9/15**	**0 days**		**247**
227	SLEEVES South	20 days	20 days	12/29/14	1/27/15	1/26/15	2/23/15	19 days	176,177,178	229
228	SLEEVES North	20 days	20 days	2/12/15	3/12/15	3/25/15	4/22/15	29 days	179,180,181	230FS-5 days
229	IRRIGATION South	30 days	30 days	2/17/15	3/31/15	2/23/15	4/6/15	4 days	199,227	231
230	IRRIGATION North	23 days	23 days	4/15/15	5/18/15	4/15/15	5/18/15	0 days	202FS-5 days,228FS-5 days	232FS-5 days
231	PLANTING South	25 days	25 days	3/31/15	5/5/15	4/6/15	5/11/15	4 days	229	232
232	PLANTING North	20 days	20 days	5/11/15	6/9/15	5/11/15	6/9/15	0 days	230FS-5 days,231	247,245FS-3 days
233	**ELECTRICAL**	**165.4 days**	**145.41 days**	**7/1/14**	**2/25/15**	**7/1/14**	**4/20/15**	**38 days**		
234	SUBMITTALS	16 days	0 days	8/5/14	8/26/14	8/5/14	8/26/14	0 days	2	235
235	PROCURE MATERIALS	20 days	20 days	8/27/14	9/23/14	11/19/14	12/19/14	59.4 days	234	236,238,240,242
236	NORTHERN UG	15 days	12.75 days	7/1/14	10/13/14	7/1/14	1/13/15	61.65 days	235,166FS-100 days	237
237	NORTHERN LIGHTING	15 days	15 days	10/13/14	11/3/14	1/13/15	2/3/15	61.65 days	236	187
238	ORACLE UG	20 days	20 days	12/30/14	1/28/15	1/27/15	2/24/15	19 days	235,167	239,188
239	ORACLE LIGHTING	20 days	20 days	1/28/15	2/25/15	2/25/15	3/25/15	20 days	238	202
240	OESTA/NORTE UG	15 days	15 days	10/28/14	11/17/14	12/19/14	1/13/15	36.4 days	235,166	241,186
241	OESTA/NORTE LIGHTING	10 days	10 days	11/18/14	12/3/14	4/6/15	4/20/15	95.4 days	240	200
242	ITS CONDUIT	20 days	20 days	10/9/14	11/5/14	1/6/15	2/3/15	59.4 days	235,162	187
243	MEDIAN PAVERS	10 days	10 days	3/17/15	3/31/15	5/20/15	6/4/15	46 days	182	245,247
244	ADJUSTMENTS/MONUMENTS	5 days	5 days	4/2/15	4/9/15	5/28/15	6/4/15	39 days	217	245,247
245	CLEAN UP	3 days	3 days	6/4/15	6/9/15	6/4/15	6/9/15	0 days	244,243,232FS-3 days	246FS-5 days
246	DEMOBE	3 days	3 days	6/2/15	6/5/15	6/4/15	6/9/15	2 days	245FS-5 days	248
247	SUBSTANTIAL COMPLETION	0 days	0 days	6/9/15	6/9/15	6/9/15	6/9/15	0 days	244,226,232,243,225	249
248	FINAL COMPLETION	0 days	0 days	6/5/15	6/5/15	6/9/15	6/9/15	2 days	246	
249	FLOAT	0 days	0 days	6/9/15	6/9/15	6/9/15	6/9/15	0 days	247,3FF	



SELECT

Project: Magee III 08-10-14
Date: 9/17/14

Task		Rolled Up Task		Split		Inactive Task		Manual Task		Start-only	
Critical Task		Rolled Up Critical Task		External Tasks		Inactive Task		Duration-only		Finish-only	
Milestone		Rolled Up Milestone		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
Summary		Rolled Up Progress		Group By Summary		Inactive Summary		Manual Summary		Deadline	

Magee III

ID	Task Name	Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Total Slack	Predecessors	Successors
20	DIP SECTIONS 467-479	20 days	12 days	4/16/14	9/2/14	4/16/14	9/2/14	0 days	19FS-8 days,48	21FS-3 days,58,47
47	EXCAVATION	19 days	11.4 days	5/27/14	9/23/14	5/27/14	9/23/14	0 days	20,58	77,68,49FS-31 days
57	**BOX 4**	**16 days**	**16 days**	**9/3/14**	**9/24/14**	**9/3/14**	**12/19/14**	**0 days**		
58	EXCAVATION	3 days	3 days	9/3/14	9/5/14	9/3/14	9/5/14	0 days	20	59,47
67	**BOX 5**	**45 days**	**45 days**	**9/23/14**	**11/26/14**	**9/23/14**	**12/3/14**	**0 days**		
68	EXCAVATION	3 days	3 days	9/23/14	9/26/14	9/23/14	9/26/14	0 days	47	69
69	CIP FORM FOOTINGS	3 days	3 days	9/26/14	10/2/14	9/26/14	10/2/14	0 days	68	70
70	CIP POUR FOOTINGS	1 day	1 day	10/2/14	10/3/14	10/2/14	10/3/14	0 days	69	71
71	CIP STRIP FOOTINGS	2 days	2 days	10/3/14	10/7/14	10/3/14	10/7/14	0 days	70	72
72	CIP FORM WALLS AND DECK	18 days	18 days	10/7/14	10/31/14	10/7/14	10/31/14	0 days	71	73
73	CIP POUR WALLS AND DECK	2 days	2 days	10/31/14	11/4/14	10/31/14	11/4/14	0 days	72	74
74	CIP STRIP WALLS AND DECK	15 days	15 days	11/4/14	11/25/14	11/4/14	11/25/14	0 days	73	75,110,164
75	PIPE CONNECTIONS	1 day	1 day	11/25/14	11/26/14	12/2/14	12/3/14	3 days	74	109,77
109	PIPES 69,56	1 day	1 day	11/26/14	12/1/14	12/3/14	12/4/14	3 days	75	133
110	PIPES 60	1 day	1 day	11/25/14	11/26/14	11/25/14	11/26/14	0 days	74	157,134
113	**CATCH BASINS**	**260.4 days**	**248.44 days**	**3/17/14**	**3/25/15**	**3/24/14**	**3/25/15**	**0 days**		
133	CB 53,41	1 day	1 day	12/1/14	12/2/14	12/4/14	12/5/14	3 days	109	164
134	CB 45	1 day	1 day	11/26/14	12/1/14	12/4/14	12/5/14	4 days	110	164
137	**LIDS**	**100.4 days**	**100.4 days**	**10/30/14**	**3/25/15**	**11/21/14**	**3/25/15**	**0 days**		
142	CB 22,23,25,27,30,31,49,50	12 days	12 days	2/10/15	2/26/15	2/13/15	3/3/15	3 days	187FS-10 days,141	215,143,201
143	CB 33,35,36,39,40,42,43,44,46,47	16 days	16 days	3/3/15	3/25/15	3/3/15	3/25/15	0 days	188FS-10 days,142	216,202
157	JS 3	5 days	5 days	11/26/14	12/5/14	11/26/14	12/5/14	0 days	110	164
164	EB 467-490	0 days	0 days	12/5/14	12/5/14	12/5/14	12/5/14	0 days	160,159,55,126,153,155,132,74,	178,167
178	EB 467-490	15 days	15 days	12/5/14	12/29/14	12/5/14	12/29/14	0 days	164	185,227
182	**CURB**	**94.4 days**	**89.37 days**	**10/30/14**	**3/17/15**	**10/30/14**	**3/17/15**	**0 days**		**243**
185	EB 467-490	10 days	10 days	12/29/14	1/13/15	12/29/14	1/13/15	0 days	178,184	192,206,186,140FS-10 days
186	WB 417-441	15 days	15 days	1/13/15	2/3/15	1/13/15	2/3/15	0 days	179,185,240	193,207,187,141FS-10 days
187	WB 441-467	15 days	15 days	2/3/15	2/24/15	2/3/15	2/24/15	0 days	180,186,242,237	194,208,188,142FS-10 days
188	WB 467-490	15 days	15 days	2/24/15	3/17/15	2/24/15	3/17/15	0 days	181,187,238	195,209,143FS-10 days
199	EB 467-490	20 days	20 days	1/20/15	2/17/15	1/26/15	2/23/15	4 days	206,140	225,229
202	WB 467-490	20 days	20 days	3/25/15	4/22/15	3/25/15	4/22/15	0 days	209,143,239	225,230FS-5 days
206	EB 467-490	5 days	5 days	1/13/15	1/20/15	1/19/15	1/26/15	4 days	185	199
209	WB 467-490	5 days	5 days	3/17/15	3/24/15	3/18/15	3/25/15	1 day	188	202
226	**LANDSCAPE**	**114 days**	**114 days**	**12/29/14**	**6/9/15**	**1/26/15**	**6/9/15**	**0 days**		**247**
229	IRRIGATION South	30 days	30 days	2/17/15	3/31/15	2/23/15	4/6/15	4 days	199,227	231
230	IRRIGATION North	23 days	23 days	4/15/15	5/18/15	4/15/15	5/18/15	0 days	202FS-5 days,228FS-5 days	232FS-5 days
231	PLANTING South	25 days	25 days	3/31/15	5/5/15	4/6/15	5/11/15	4 days	229	232
232	PLANTING North	20 days	20 days	5/11/15	6/9/15	5/11/15	6/9/15	0 days	230FS-5 days,231	247,245FS-3 days
245	CLEAN UP	3 days	3 days	6/4/15	6/9/15	6/4/15	6/9/15	0 days	244,243,232FS-3 days	246FS-5 days
246	DEMOBE	3 days	3 days	6/2/15	6/5/15	6/4/15	6/9/15	2 days	245FS-5 days	248
247	SUBSTANTIAL COMPLETION	0 days	0 days	6/9/15	6/9/15	6/9/15	6/9/15	0 days	244,226,232,243,225	249
248	FINAL COMPLETION	0 days	0 days	6/5/15	6/5/15	6/9/15	6/9/15	2 days	246	
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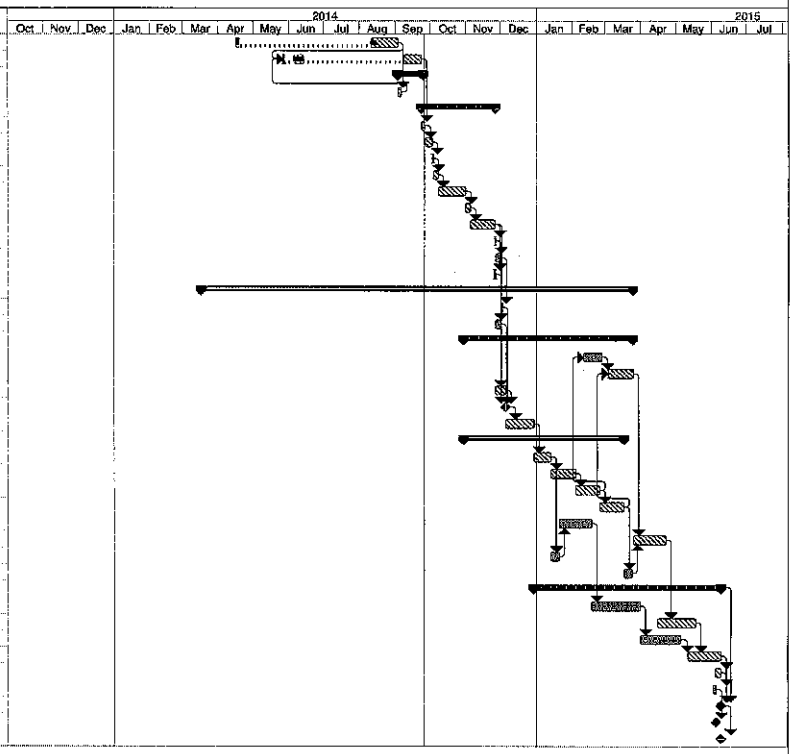

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Project: Magee III 08-10-14
Date: 9/26/14

Task		Rolled Up Task		Split		Inactive Task		Manual Task		Start-only	
Critical Task		Rolled Up Critical Task		External Tasks		Inactive Task		Duration-only		Finish-only	
Milestone		Rolled Up Milestone		Project Summary		Inactive Milestone		Manual Summary Rollup		Progress	
Summary		Rolled Up Progress		Group By Summary		Inactive Summary		Manual Summary		Deadline	

Act with Total Slack Less Than +7