Capital Projects Office
District 2 biweekly report
June 7, 2010

NW Barry Road (West of I-29) Section 2
FACT SHEET

Location: Barry Road from N. Conant Avenue to N. Amity Avenue

Design firm: Shafer Kline and Warren, Inc.

Construction firm: Leavenworth Excavating and Equipment Co., Inc.

Construction start: February 26, 2009

Estimated completion: August 2010 – Bridge and Weatherby Lake improvements

Fall 2011 – Full project

Funding source: Citywide and District 2 PIAC, 2004 and 2007 General Obligation bond funds

Budget: $20,739,062

Estimate at Completion: $20,790,683

Project information

This project includes the widening of Northwest Barry Road from North Potomac to North Conant Avenue. In addition North Amity Avenue will be widened from Northwest Barry Road to Missouri Highway 152 and the Barry Road bridge over Rush Creek will be rebuilt.

Prior week's benchmarks

The wall contractor completed the frontage street retaining wall and the wing wall on the southwest side of the bridge. Work began on the retaining walls on the south side of Barry Road and west side of the bridge. AT&T stated that their relocation would be complete by June 3. AT&T relocated area east of Hillside to allow the construction of the retaining wall.

Benchmarks – one week

Crews will continue pouring forming and footings for retaining walls located on the south side of Barry Rd and west side of the bridge.

Benchmarks – one month

Rough estimate of where we'll be in four weeks –Crews will continue retaining wall construction for the walls located on the south and north side of Barry Road and the west side of the bridge. Workers will complete the wingwalls for the upstream side of the bridge, as well as completing the retaining wall for the downstream side of the bridge.

Potential challenges

AT&T's relocation continues to pose a significant delay on the project. Relocation of the AT&T lines will slow construction of the sanitary sewer, the retaining walls on the north side of Barry Road, the water main extension and fill activities.

Project Status Report

89008078 NW Barry Rd (West of I-29) Sec 2 - N Conant to Amity

General Project Information

Project Type:	Streets
Project Status:	Active
Owning Department:	Public Works
Council District(s):	2
Design Professional:	Shafer Kline & Warren, Inc
Contractor:	Leavenworth Excavating & Equipment Co. Inc.
Display on PAL	Y
ROW Tracts	80
Funding:	PIAC City Wide, PIAC Neighborhood, 2004F GO Bond Fund, 2007A GO Bond Fund, Bonds

Project Team

Project Manager:	Damon Hodges
Contract Administrator:	George Goodale
Project Controls Specialist:	Michael Prater
Communications Specialist:	Sean Demory
Construction Manager:	Abe Tehrani
Construction Observer:	Sean Hart
ROW Agent:	Rodney Wallace
ROW Reviewer:	Rodney Wallace
Department Representative:	Quamrul Khan
Utility Coordinator 1:	Valerie McCaw
Utility Coordinator 2:	Janice Gordon

Project Schedule

Milestone	Date*
CIMO Commence Project	**12/09/2004**
Design NTP	**12/09/2004**
Pre Design Complete	**04/04/2006**
Commence ROW	**08/07/2006**
ROW Complete	**08/17/2008**
Design Phase Complete	**09/17/2008**
Commence Bid Phase	**09/17/2008**
Bid Opening	**10/28/2008**
Bid Phase Complete	**02/25/2009**
Construction NTP	**02/26/2009**
Substantial Completion	03/12/2011
Construction Complete	06/18/2011
Commence Closeout	06/19/2011
Project Complete	07/17/2011

***Bold/Underlined = Actualized**

Scope of Work

This project includes the widening of NW Barry Road from N. Potomac to N. Conant Avenue and includes the widening of N Amity Ave. from NW Barry Road to M-152 including the Barry Road over Rush Creek (Project 89005408) and N. Amity Culverts (Project 89005487).

A four lane undivided-median typical section will be utilized for NW Barry Road from N. Amity Ave. to N. Conant Ave. and along N. Amity Ave. from NW Barry Road to M-152. Additional redesign elements include 4' bike lanes, 5' green space between back-of-curb and sidewalk and 1' behind sidewalk before tie-in slopes.

A three-lane undivided typical section will be utilized for NW Barry Road from N. Potomac to N. Amity Ave. Additional redesign elements include 4' bike lanes, 5' green space between back-of-curb and sidewalk and 1' behind sidewalk before tie-in slopes.

Public Status Note

In construction. Currently working on the bridge over Rush Creek.

Accomplishments for the Month

May 2010: Continued construction.Currently working on the installation of the wing walls and retaining walls going west of the bridge. met with At&t regarding relocation. They are stating the finish date will be June 3rd.
April 2010: Continued construction.Currently working on the installation of the bridge over Rush Creek and the wing walls and reatining walls

Goals for Next Month

June 2010: Continue construction of the bridge over Rush Creek and the wing walls and retaining walls. Begin to backfill walls and fill over bridge.
May 2010:Continue construction of the bridge over Rush Creek and the wing walls and retaining walls
April 2010: Continued construction.Currently working on the installation of the bridge over Rush Creek

Project Status Report

89008078 NW Barry Rd (West of I-29) Sec 2 - N Conant to Amity

Financial Summary

EAC's Last Updated On: 05/06/2010

Expense Category	Budget	Expenses	Pre PeopleSoft Expenses	Encumbered	Remain Bal.	ETC	EAC	Surplus_ /Deficit
Design	1,070,542	1,416,713	0	20,144	-366,316	0	1,436,858	-366,316
ROW	2,488,355	2,215,572	0	0	272,783	25,468	2,241,040	247,315
Construction	14,769,853	2,351,430	0	11,770,760	647,662	927,908	15,050,099	-280,246
Consultant Serv	92,339	208,089	0	37,975	-153,725	111,000	357,064	-264,725
Direct Internal	337,755	171,745	0	0	166,010	177,258	349,003	-11,248
Indirect Internal	542,533	673,045	0	0	-130,512	331,611	1,004,656	-462,123
Other	362,685	83,467	0	0	279,218	216,497	299,964	62,721
Total	19,664,062	7,120,060	0	11,828,880	715,122	1,789,743	20,738,683	-1,074,621

Future **Unauthorized** Funding

Amount	Date	Description	
1,075,000		Water Services	
1,075,000		Total Estimated Future Funding	
20,739,062		Total Current and Estimated Future Funding	379

North Congress Street Improvements
FACT SHEET

Location: North Congress Avenue from 73rd Street to Highway 9

Design firm: Shafer Kline and Warren, Inc.

Construction firm: Not selected

Estimated completion: Phase 1 – Fall 2010; other phases dependent on funds and right of way

Construction contract: Summer 2010

Funding source: Capital maintenance, Citywide and District 2 PIAC

Budget: $1,832,458

Estimate at Completion: $5,518,162 for all phases, $1.5 million for Phase 1

Project information

This project will improve North Congress between 73rd Street and Highway 9, including repair of the North Congress bridge and construction of stormwater abatement.

Prior week's benchmarks

The design professional finalized technical specifications and design plans. Final signatures were obtained for bidding.

Benchmarks – one week

Staff will advertise final plans and specifications for bidding.

Benchmarks – one month

Staff will continue to pursue right of way. Plans and technical specifications will be completed for the bidding process. The project will bid on June 22.

Potential challenges

Right of way acquisition could pose a problem. Fewer than half of the property owners contacted have responded, and several land owners are requesting compensation. In addition, limited funding may prove to be a stumbling block for successful construction.

Project Status Report

89008091 North Congress Street Improvements - 73rd to Hwy. 9

General Project Information

Project Type:	Streets
Project Status:	Active
Owning Department:	Public Works
Council District(s):	2
Design Professional:	Shafer Kline & Warren, Inc
Contractor:	Not Selected
Display on PAL	Y
ROW Tracts	0
Funding:	Capital Maintenance, PIAC City Wide, PIAC Neighborhood

Project Team

Project Manager:	Damon Hodges
Contract Administrator:	George Goodale
Project Controls Specialist:	Michael Prater
Communications Specialist:	Sean Demory
Construction Manager:	Mark Montgomery
Construction Observer:	Mark Montgomery
ROW Agent:	Michael Patillo
ROW Reviewer:	Rodney Wallace
Department Representative:	Budd Barr
Utility Coordinator 1:	Valerie McCaw
Utility Coordinator 2:	Janice Gordon

Project Schedule

Milestone	Date*
CIMO Commence Project	**08/15/2006**
Pre Design Complete	**07/04/2007**
Design NTP	**07/25/2007**
Commence ROW	**12/12/2008**
ROW Complete	**07/24/2009**
Design Complete	**05/15/2010**
Commence Bid	**05/15/2010**
Bid Opening	06/22/2010
Bid Complete	08/16/2010
Construction NTP	08/17/2010
Substantial Completion	01/15/2011
Construction Complete	04/23/2011
Commence Closeout	04/24/2011
Project Complete	05/22/2011

***Bold/Underlined = Actualized**

Scope of Work

This portion of N Congress serves as a collector road and is a Phase III bike route. Row varies from 32 to 60'. The bridge has been surveyed as needing maintenance. The creek is a Zone A regulated floodplain that drains down to Parkville.

Public Status Note

In Final Design.

Accomplishments for the Month

May 2010: Obtained the signatures from Public Works and Parks and Rec. Completed the specifications for bid.

April 2010: Held final plan review meeting and gave final comments.

March 2010: Final plans arrive on 3/12/10. Final plan review meeting set for 3/30/10.

Goals for Next Month

June 2010: Advertise the plans and specifications for bidding.

May 2010: Work on finalizing plans and specs for advertising.

April 2010: Work on finalizing plans and specs for advertising.

March 2010: Work on getting R/W donated

Financial Summary

EAC's Last Updated On: 12/17/2009

Expense Category	Budget	Expenses	Pre PeopleSoft Expenses	Encumbered	Remain Bal.	ETC	EAC	Surplus_ /Deficit
Design	545,010	484,856	0	60,154	0	40,000	585,010	-40,000
ROW	50,000	11,786	0	2,500	35,714	660,988	675,274	-625,274
Construction	684,167	0	0	0	684,167	3,376,369	3,376,369	-2,692,202
Consultant Serv	1,706	1,706	0	0	0	0	1,706	0
Direct Internal	181,554	126,492	0	0	55,062	49,675	176,167	5,387
Indirect Internal	368,793	166,792	0	0	202,001	93,311	260,103	108,690
Other	1,227	45,151	0	0	-43,924	68,383	113,533	-112,306
Total	1,832,458	836,783	0	62,654	933,021	4,288,725	5,188,162	-3,355,704

Project Status Report

89008091 North Congress Street Improvements - 73rd to Hwy. 9

		Future **Unauthorized** Funding	
Amount	Date	Description	
330,000		Federal Grants (MODOT)	
330,000		Total Estimated Future Funding	
2,162,458		Total Current and Estimated Future Funding	-3,025,704

Northwest 64th Street – 68th Street Connector
FACT SHEET

Location: Gower Road, between NW 64th Street and NW 68th Street

Design firm: TranSystems Corporation

Construction firm: HB Construction

Construction start: February 19, 2009

Estimated completion date: Fall 2010

Funding source: Citywide PIAC and bond funds

Budget: $11,863,311 plus $1.4 million in Water funds

Estimate at Completion: $13,286,610

Project information

This project will realign and level North Gower, the connector road between Northwest 64th Street and Waukomis Avenue. In addition, stormwater improvements and bridge improvements will be undertaken throughout the area.

Prior week's benchmarks

Crews completed the first two lifts of base asphalt at Northwest 64th Street and NW Gower, as well as the construction of the 36-inch water main. Workers began to lay out streetlights. The 36-inch water main was tested and crews made the final connections for the system. The design and construction team completed grading and water main redesigns, required due to utility conflicts.

Benchmarks – one week

Crews will continue grading work and sanitary sewer construction

Benchmarks – one month

Crews will continue grading for the trail on the south side of Northwest 64th Street and Gower. Storm and sanitary sewer work will be completed. Curb work along Northwest 64th Street and Northwest Gower should be complete at this time.

Potential challenges

Utility conflicts and the tie-in of the 36-inch water main pose the main challenges of this project. Staff and the contractor have factored these challenges into construction plans.

Project Status Report

89001236 NW 64th-68th (Gower) Connector

General Project Information

Project Type:	Streets
Project Status:	Active
Owning Department:	Public Works
Council District(s):	2
Design Professional:	TranSystems Corporation
Contractor:	H B Construction
Display on PAL	Y
ROW Tracts	25
Funding:	PIAC City Wide, Bonds

Project Team

Project Manager:	Damon Hodges
Contract Administrator:	George Goodale
Project Controls Specialist:	Michael Prater
Communications Specialist:	Sean Demory
Construction Manager:	Abe Tehrani
Construction Observer:	Patrick Lewis
ROW Agent:	Rodney Wallace
ROW Reviewer:	Rodney Wallace
Department Representative:	Budd Barr
Utility Coordinator 1:	Valerie McCaw
Utility Coordinator 2:	Janice Gordon

Project Schedule

Milestone	Date*
CIMO Commence Project	**08/03/2004**
Pre Design Complete	**05/03/2006**
Design NTP	**05/09/2006**
Construction NTP - Well Abandonment	**08/01/2006**
Construction NTP - Mayview Properties	**08/10/2006**
Commence ROW Phase	**11/11/2006**
Design NTP Phase 2	**04/16/2008**
ROW Phase Complete	**10/30/2008**
Design Phase Complete	**11/30/2008**
Commence Bid Phase	**11/30/2008**
Bid Opening	**12/16/2008**
Bid Phase Complete	**02/18/2009**
Construction NTP	**02/19/2009**
Substantial Completion	05/15/2010
Construction Complete	09/01/2010
Commence Closeout	09/01/2010
Project Complete	09/30/2010

***Bold/Underlined = Actualized**

Scope of Work

Realign N. Gower to connect to NW64th Street with NW 68th Street.

Public Status Note

Under construction.

Accomplishments for the Month

May 2010: The 36" waterline was completed and tied in. The 8" revison due to the KCPL pole has started construction.

April 2010: Issue RFI for moving fire hydrant

March 2010: The 36' waterline should be installed by the end of the month.

Goals for Next Month

June 2010: Continue with construction of the 8" waterline, complete the storm sewer and sanitary sewer cosntruction.
May 2010: Complete Work Change Directive for accelerating 64th Street roadway subgrade
April 2010: Work on fianl grading and conduits for street lighting and traffic signal.
March 2010: Work on storm sewer and

Financial Summary

EAC's Last Updated On: 05/11/2010

Expense Category	Budget	Expenses	Pre PeopleSoft Expenses	Encumbered	Remain Bal.	ETC	EAC	Surplus_ /Deficit
Design	1,488,652	777,761	394,811	342,356	-26,276	23,724	1,538,652	-50,000
ROW	780,980	649,663	134,185	0	-2,868	10,367	794,215	-13,235
Construction	8,502,710	4,199,757	0	3,993,231	309,722	1,358,435	9,551,423	-1,048,713
Consultant Serv	13,448	20,163	0	11,799	-18,514	7,000	38,962	-25,514
Direct Internal	440,283	328,767	58,345	0	53,170	53,073	440,185	98
Indirect Internal	533,615	697,161	36,576	0	-200,121	56,900	790,636	-257,021
Other	103,624	133,165	18,571	0	-48,112	116,710	268,446	-164,822
Total	11,863,311	6,806,435	642,488	4,347,386	67,002	1,626,208	13,422,518	-1,559,207

Project Status Report

89001236 NW 64th-68th (Gower) Connector

		Future **Unauthorized** Funding	
Amount	Date	Description	
1,033,000		Water Services - Water Main	
390,000		Water Services - Sanitary Sewer	
1,423,000		Total Estimated Future Funding	
13,286,311		Total Current and Estimated Future Funding	-136,207

NW Hampton Road Bridge
FACT SHEET

Location: Northwest Hampton Road over Brush Creek

Design firm: Shafer Kline and Warren, Inc.

Construction firm: HB Construction

Construction start: February 19, 2009

Estimated completion date: Fall 2010

Funding source: Capital maintenance, Citywide PIAC and 2007 General Obligation bond funds

Budget: $1,808,140

Estimate at Completion: $1,659,358

Project information

This project will replace the existing Hampton Road bridge over Brush Creek with a concrete arch structure. In addition, crews will reconstruct the approach roadway.

Prior week's benchmarks

The arch structure has been placed and the subgrade at the bridge approach has been stabilized. The contractor has installed additional rock checks and silt fences.

Benchmarks – one week

The contractor will finish placing granular backfill and begin bringing the roadway embankment on-site.

Benchmarks – one month

The embankment should be complete within the month, and the contractor will place flyash to allow quicker road construction.

Potential challenges

Continued rain could require additional effort to keep the creek bed a feasible work area. Utility relocations are scheduled for completion by Friday, and any shift from that schedule may slow construction.

Project Status Report

89005500 NW Hampton Road Bridge over Brush Creek

General Project Information

Project Type:	Bridges
Project Status:	Active
Owning Department:	Public Works
Council District(s):	2
Design Professional:	Shafer Kline & Warren, Inc
Contractor:	H B Construction
Display on PAL	Y
ROW Tracts	0
Funding:	Capital Maintenance, PIAC City Wide, 2007A GO Bond Fund

Project Team

Project Manager:	James Wang
Contract Administrator:	George Goodale
Project Controls Specialist:	Michael Prater
Communications Specialist:	Sean Demory
Construction Manager:	Abe Tehrani
Construction Observer:	Sean Hart
ROW Agent:	Michael Patillo
ROW Reviewer:	Rodney Wallace
Department Representative:	Jim Jones
Utility Coordinator 1:	Valerie McCaw
Utility Coordinator 2:	Janice Gordon

Project Schedule

Milestone	Date*
CIMO Commence Project	**02/01/2005**
Pre Design Complete	**08/01/2005**
Design NTP	**08/01/2005**
Commence ROW	**01/12/2007**
ROW Complete	**06/16/2008**
Design Phase Complete	**12/09/2008**
Commence Bid Phase	**12/10/2008**
Bid Opening	**01/30/2009**
Bid Phase Complete	**03/09/2009**
Construction NTP	**03/12/2009**
Substantial Completion	05/26/2010
Construction Phase Complete	09/02/2010
Commence Closeout	09/03/2010
Project Complete	09/30/2010

***Bold/Underlined = Actualized**

Scope of Work

Replace the existing bridge with a concrete arch structure and also reconstruct the approach roadway.

Public Status Note

In Construction

Accomplishments for the Month

May 10: Completed arch installation
April 10: Continue Construction
March 10: Continue Construction
December 09:Continue foundation construction.
November 09: Continue foundation construction.
October 09: Continue foundation construction
September 09: Resolved foundation

Goals for Next Month

June 10: Continue constructon
May 10: Continue Construction
April 10: Complete foundation for the arch structure.
Mar. 10: Continue rock placement.
Feb. 10: No construction activity due to cold weather.
Jan 10:Complete arch construction
December 09: Complete arch construction
November 09: Complete arch construction

Financial Summary

EAC's Last Updated On: 05/25/2010

Expense Category	Budget	Expenses	Pre PeopleSoft Expenses	Encumbered	Remain Bal.	ETC	EAC	Surplus_ /Deficit
Design	222,843	189,877	30,311	2,655	0	0	222,843	0
ROW	21,919	20,919	0	1,000	0	0	21,919	0
Construction	1,486,000	309,062	0	905,496	271,442	-108,558	1,106,000	380,000
Consultant Serv	7,975	2,975	0	5,000	0	0	7,975	0
Direct Internal	62,489	52,998	6,703	0	2,788	39,885	99,586	-37,097
Indirect Internal	114,741	135,256	5,410	0	-25,925	57,448	198,114	-83,373
Other	72,174	45,834	12,086	0	14,254	36,002	93,922	-21,748
Total	1,988,140	756,921	54,509	914,151	262,560	24,778	1,750,358	237,782

North Oak Trafficway Phase 2
FACT SHEET

Location: North Oak Trafficway from NE 96th Street to NE 111th Street

Design firm: Wilson and Company

Construction firm: Loch Sand

Construction start: March 16, 2006

Estimated completion date: Fall 2010

Funding source: District 1 and Citywide PIAC funds

Budget: $16, 543, 479

Estimate at Completion: $16, 538, 668

Project information

Improvements for Phase II, from NE 96th St. to NE 111th St., include widening the street to four lanes, adding turn lanes at busy intersections, putting sidewalks on both sides of the street, flattening out the road and removing blind spots, adding curb cuts for wheel chairs, bicycles, and constructing retaining walls and noise walls.

Prior week's benchmarks

Crews completed sodding of original contract areas. Loch Sand resolved/repaired streetlight conduit break at 10400 N Oak without providing City with cost estimate for making the repairs.

Benchmarks – one week

Loch Sand work crews will complete handrail/fencing for change ordered items.

Benchmarks – one month

We anticipate completion of punch list items 5, 16, 40, 48, 60, 90, 93, 94, 102, 105, 107, 116, 124, 126, 130, 133 and 144. Several other items on punch list were responded to by a letter from Loch Sand which states their positions for not completing. Others claim design error. Water items are under review by the City's Water Services Division.

Potential challenges

Resolution of punchlist items will continue to be a challenge through the remainder of construction.

Project Status Report

89008000 N Oak Tfwy. (Sec. 2) 96th St. to 111th St.

General Project Information

Project Type:	Streets
Project Status:	Active
Owning Department:	Public Works
Council District(s):	2
Design Professional:	Wilson & Co
Contractor:	Loch Sand & Construction Company
Display on PAL	Y
ROW Tracts	0
Funding:	PIAC City Wide, PIAC Neighborhood

Project Team

Project Manager:	James Wang
Contract Administrator:	George Goodale
Project Controls Specialist:	Michael Prater
Communications Specialist:	Sean Demory
Construction Manager:	Randy Edson
Construction Observer:	Mark Montgomery
ROW Agent:	Rodney Wallace
ROW Reviewer:	Rodney Wallace
Department Representative:	Budd Barr
Utility Coordinator 1:	Valerie McCaw
Utility Coordinator 2:	Janice Gordon

Project Schedule

Milestone	Date*
CIMO Commence Project	**09/20/2004**
Pre Design Complete	**11/12/2004**
Design NTP	**11/15/2004**
Commence ROW	**12/02/2004**
ROW Complete	**02/27/2005**
Design Phase Complete	**07/12/2005**
Commence Bid Phase	**07/13/2005**
Bid Opening	**09/20/2005**
Bid Phase Complete	**11/23/2005**
Construction NTP	**03/16/2006**
Construction Phase Complete	07/24/2010
Substantial Completion	07/24/2010
Commence Closeout	07/24/2010
Project Complete	08/22/2010

***Bold/Underlined = Actualized**

Scope of Work

Proposed improvements for Phase II, from NE 96th St. to NE 111th St., will include widening the street to four lanes, adding turn lanes at busy intersections, putting sidewalks on both sides of the street, flattening out the road and removing blind spots, adding curb cuts for wheel chairs, bicycles, and constructing retaining walls and noise walls.

Three separate typical sections will be incorporated into Phase II. The raised median section with protected turn bays would be used from N.E. 96th Street to NE 103rd Street. The typical section would be modified to a five-lane section, including a continuous left-turn lane from NE 103rd to NE 108th Street (Shoal Creek Parkway). The section between NE 108th Street and NE 111th Street would taper to a four-lane roadway section without the center left-turn lane.

Public Status Note

Construction in progress.

Accomplishments for the Month

May 10: Continue punch list items.
April 10: Continue punch list items.
Mar. 10: Continue punch list items.
Feb.10: Continue punch list items.
January 10: Continue punch list items.
December 09: Begin punch list items
November 09: Walkthrough was completed on 11/09
October 09: Construction continued.
September 09: Construction continued.

Goals for Next Month

June 10: Continue punch list items.
May 10: Continue punch list items.
April 10: Continue punch list items
Mar.10: Continue punch list items
Feb 10: Continue punch list items
Jan 10: Continue punch list items
December 09: Continue construction
November 09: Continue construction
October 09: Continue construction
September 09: Continue construction

Project Status Report

89008000 N Oak Tfwy. (Sec. 2) 96th St. to 111th St.

Financial Summary

EAC's Last Updated On: 05/06/2010

Expense Category	Budget	Expenses	Pre PeopleSoft Expenses	Encumbered	Remain Bal.	ETC	EAC	Surplus_ /Deficit
Design	1,481,601	476,536	1,022,491	7,462	-24,888	58,887	1,565,376	-83,775
ROW	943,534	225,605	717,929	0	0	0	943,534	0
Construction	11,379,457	10,488,736	1,555	253,418	635,749	0	10,743,708	635,749
Consultant Serv	332,849	155,004	0	82,955	94,891	0	237,958	94,891
Direct Internal	1,375,226	718,123	110,714	0	546,389	89,605	918,442	456,784
Indirect Internal	787,119	1,487,527	68,492	0	-768,899	20,002	1,576,021	-788,901
Other	243,692	290,794	99,375	0	-146,476	163,460	553,629	-309,937
Total	16,543,479	13,842,324	2,020,556	343,835	336,765	331,954	16,538,668	4,811

NORTH OAK
PUNCH-LIST
PROVIDED BY CIMO
12/10/2009

5/7/10

ITEM #	GENERAL CONDITION	COMPLETION DATE	CONTRACTOR &/OR SUBCONTRACTOR	COMMENTS	CREW
1	Provide red-line plans with changes in elevation of flow in, flow out, station and elevation of boxes, changes in streetlight locations.				
2	Address spalling throughout street surface at edges. See photos 001.		Geiger Ready Mix		
3	Address excessive pop-out holes on street surfaces, curbs and sidewalks, throughout the site and especially from NE 101st St to the south. See photos 004		Geiger Ready Mix		
4	Complete install of all street signage.		Twin Traffic	Completed	
5	Address exposed nuts and studs base plate post and panel walls throughout site. (e.g. at wall panel columns located south of Locust, the 6th thru 11th, 13th, and several more to NE 96th St).		Schrimpf Landscaping		
6	Color of grout on walls needs to match wall color. Sound wall photos 002 (e.g. behind wall at NE corner of Locust)		Schrimpf Landscaping		
7	Address stress fractures on retaining walls.		Schrimpf Landscaping/L.G. Barcus		
8	Curb inlet throats transitions to be 10' on upstream and 5' on downstream side, and 10' each side in sump conditions. Examples of incorrectly constructed throats are at: YY-1, Y-1, U-1 & lid, H-11 (Photo 013), H-12, H-13 throat and elevation. Others may be added.				
9	Check for incorrect elevations of lids on inlets I-3, I-2, X-1, X-2, H-8, H-9, KJB1, HJB1A, V-1.		Loch	Completed	
10	Some curb inlets are set back too far from the back of curb. Provide approval for all inlet throats exceeding 12 inches behind back of curb.				
11	Grout all lids inlets and manholes throughout job site. See "Storm" list below.		Loch	Completed	
12	Grout lift slots all lids. (e.g. across from 9803 N Oak; north of NE corner of NE 98th Terr.; J.B. at NE corner of New Mark Dr; CI on west side of N Oak on Line E)		Loch	Completed	
13	Remove silt & gravel from storm drains throughout site. (e.g. north of Locust)		Loch	Completed	
14	Sweep streets, especially existing asphalt streets.		Loch	Completed	
15	Sod all bare soil within the City R.O.W. and easements. Stabilize final graded and top soiled areas as they are completed. Maintain seeded and sodded areas until acceptance by the City		Pine Valley		
	NE 96th street (Sta 1+000) to NE Locust (1+237.863)				
16	Restore sod at east end of sound wall where stucco panel wall was removed and replaced on NE 96th St., east of N Oak about 50 feet.		Pine Valley		
17	Construct 7 meters of sidewalk on west side N Oak at 96th Street to 1+015.818, including wheel chair ramp. (Sheet 9) See photos 024		Loch	Change Order Item	Mike Henggeler
18	Complete private drive at 9620 N Oak, Sta 1+129.000, Left, per Sheet 10, and replace one panel of sidewalk that is spalled south of drive. See photos 025		Loch	Completed	
19	Address spalling wheel chair ramp at NE corner Locust Dr.		Geiger Ready Mix		
20	Raise (to sidewalk grade) AT&T pull box (3'x5') in the tree lawn across from Locust.		CIMO/AT & T	CIMO/AT & T	
21	Broken street pavement panel on SB N Oak just north of NE 96th St.				
22	Spalling wheel chair ramp at the SE corner of 97th Terr. Also has crack in middle and big pop-out.		Geiger Ready Mix		

Hold

97th

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Ramp area

23	Replace broken 5' long sidewalk slab at the NE corner of Locust. Also has shale pop-outs.	Geiger Ready Mix		Mike Henggeler
	NE 97th Terr (1+357.661) to NE 98th Terr./Cathedral Access (1+497.639)			
24	Remove forming nails from street pavement and repair any damages done by the setting of forms for both islands at 1+500, 98th Ter. (Sheet 13)	Loch	Completed	Mike Henggeler
25	Line E - upstream rip-rap: Remove silt fence (cut at ground level) and posts.	Loch	Completed	Mike Henggeler
26	Broken street pavement at manhole block-out for AT&T manhole in (SB) N Oak - across from NE 97th Terr.	Loch		
27	Complete private drive at Sta 1+410.350 (cloud/plan revision). (Sheet 12)	Loch	Completed	Mike Henggeler
28	9807 N Oak: Install cleanout riser.	Loch	Change Order Item	Mike Henggeler
29	Address sidewalk fracture between C-4 and wheel chair ramp (See photo 038) and differential settling at back of C-4 which chipped lid. (See photo 038). (Sheet 13) Install expansion joint at back of inlet lid next to sidewalk, remove and replace fractured sidewalk and install expansion joint.	Loch	Completed	
	NE 98th Terr./Cathedral Access. (Sta 1+497.639) to NE 99th Street (Sta 651.728)			
30	Address NE wheel chair ramp break on curb corner (NE corner of NE 99th St) where expansion joint is missing. See photo 040.	Loch		Mike Henggeler
31	Remove name plate sign "Van's Fence". Secure loose blocks north end of wall two fence posts south of north end of fence.	Van's Fence	Completed	
32	Address fracture in center of wheel chair ramp SE corner 99th Street. (Sheet 14) See photo 42, 1-22-09. Remove and replace wheel chair ramp and install expansion joints.	Loch		Mike Henggeler
33	Review curbs South side of 99th street west side of N Oak for surface finish and front edge curb to surface. (Sheet 34) See photo 043, 1-22-09.	Loch		Mike Henggeler
34	99th street sidewalk west side of N Oak at wheel chair ramp joint and fracture in sidewalk. (Sheet 14) See photo 044, 1-22-09. Wheel chair ramp needs expansion joint.	Loch		
35	Repair sod deadened by the temporary detour signage located south of the cathedral driveway.	Pine Valley		
36	Place street name sign at NE 98th Terr & N Oak.	Extra Work	Change Order Item (Not allowed in original plans)	
37	Remove street name signs from streetlight poles and place on their own standards.	Capital Electric	Contractor did not install (KCMO Street Division???)	
38	Remove & replace broken panel of sidewalk - 8th panel north of gravel drive (Sta 1+396.5) near curb inlet E1.	Loch	Completed	Mike Henggeler
	NE 99th Street (Sta 1+ 651.728) to NE 101st St (1+913.357)			
39	Complete private asphalt drive 9931 N Oak 1+797.800. (Sheet 15) See photo 047, 1-22-09.	Loch	Completed	
40	Check if survey monument box at 1+803.672 (Sheet 15) was replaced. Location is in grass median south of NE 101st St. and 20' N of the center of the long driveway.	Midland Surveying		
41	Re-construct the 375mm RCP storm line from G-2 to G-1 to meet plan elevations, and remove silt in Line G. Plan inlet elevation of G1 (from G2) is 305.127. Outlet elevation of G1 is 305.059.	Design Error (Existing Elevations differ)	Design Error (Existing Elevations differ)	
42	Elevation of sidewalk (to west) and wheel chair ramp alignment not per plans on SW corner 101st Street, (Sheet 16) See photo 053, 1-22-09.			

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43	Place street name signs at NE 99th St.	Extra Work	Change Order Item (Not allowed in original plans)	
44	Remove and replace broken sidewalk located the third panel north of the WCR at the NE corner of NE 99th & N Oak.	Loch	Completed	
45	Curb inlet G3 has bent bar in curb inlet throat.	Loch	Completed	
46	Fix sod at G3.	Pine Valley		
	NE 101st Street (1+913.357) to New Mark/101st Place (2+070.529)			
47	Sta 1+990, East turn lane to New Mark. There is a pooling point in the northbound turn lane. Replace pavement panels as necessary to resolve water ponding and flattened cross slope grades in middle lanes between X-1 and I-2. Replace adjacent curb and gutter as needed to match panel replacements.	Design Error (Additional Inlet Added on East Side to Account for same condition in NB Driving Lane)	Design Error (Additional Inlet Added on East Side to Account for same condition in NB Driving Lane)	
48	Assess condition, submit proposed repair method, and make repairs to leaks between barrels in AA box culvert. Remove silt from line AA.	Linaweaver/CRETEX		
49	Sta. 2+000.327, Left. Provide approval for the curb inlet structure, X2, constructed over a hole in ceiling of RCB A-A while maintaining the standard offset distance from the back-of-curb. See photo 64	Linaweaver/CRETEX/Loch	Previously submitted CRETEX Stamped/Engineered drawings per RFI	
50	Address diamond (diagonal) joint telephone manhole 2+058.800 9-9 m Lt.	Loch		
51	Cut off 8" PVC pipe (formerly temporary drain) that discharged into the rip-rap on the west side of N Oak near JJ1.	Loch	Completed	Mike Henggeler
52	Resolve damaged asphalt north 1/2 of 101st. Repair per KCMO Std Dwg "SR-1"	Extra Work (Damaged Prior to Construction)	Extra Work (Damaged Prior to Construction)	
53	Electrical box on SE corner of New Mark & N Oak has aerial power lines that need to be put underground. Address on metal electrical box is 401 NE New Mark Drive.	Capital Electric	This is KCPL Problem.	
54	Remove and replace a 3.6m x 3.6m (12' x 12') section of damaged asphalt pavement on WB NE 101st Place.	Extra Work (Damaged Prior to Construction)	Extra Work (Damaged Prior to Construction)	
55	Address elevation of slabs at intersection of NE 101st Place. Sta. 2+057, Left: The constructed elevation along the edge of the pavement was constructed approximately 85 mm (3.3-inches) above the plan grade. Remove and replace the pavement affected by this incorrect elevation that affects the proposed pavement cross slope. It appears that six (6) pavement panels will need to be replaced. Any pavement placed after the field survey that is affected by this incorrect pavement elevation needs to be removed and replaced also.			
	New Mark to New Mark Shopping Center Driveway			
56	Lower water valve lid at Go-Pet-Go	Linaweaver	Completed	
57	Flush line from H-6 (near 101st) to remove silt.	Loch	Completed	
58	Trim plastic (sod) netting off of lid to curb inlet H6.	Pine Valley		
59	Sta 2+266.4: Address cause of fracture across surface of southbound N Oak, west side, outside lane, south of 102nd. Replace panel at telephone manhole. See photo 078.	Loch		

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60	Replace grate, or provide an approved fix for grate O-2 severely rusted.	Loch		Mike Henggeler
61	Seal with epoxy bonded cement the partial/shallow depth concrete core attempt at New Mark Center entrance.	Loch	Completed	Mike Henggeler
62	Construct the street entrance across from New Mark Center entrance.	Loch	Change Order Item (Completed)	
63	Need concrete base under traffic signal poles on SE and SW corners of New Mark Drive & N Oak.	Capital Electric	Completed	
64	The streetlight pole at the SW corner of NE 101st Place & N Oak has an access panel plate that is not secured (bolted).	Capital Electric	Completed	
	NE 102nd Terr to NE 103rd St.			
65	Cut lift rings on lid to curb inlet just north of New Mark Center entrance - H14.	Loch	Completed	
66	H10 has a bent trash bar.	Loch		Mike Henggeler
67	Address wide gap in center joint of driveway to house #300 NE 102nd Terrace.	Loch	Re-Seal (COMPLETED)	Mike Henggeler
	NE 103rd			
68	Sprinkler junction works at the NE corner NE 103rd St. adjacent to sidewalk construction has been changed. Dirt and sod disturbed. Was this done by Loch?	Not disturbed by Loch/Contractors	Not disturbed by Loch/Contractors	
69	Fix damaged curb near existing curb inlet on the NE corner of NE 103rd St.	Loch ???	Review	Mike Henggeler
	NE 105th Terr			
70	Move rip-rap stones that are stray near open channel inlet Y2 so field can be mowed. Also, remove wooden boards and silt fence posts and cut off silt fence near Y2.	Loch	Completed	Mike Henggeler
	NE 106th St (Sta 3+000 to 3+090)			
71	Address hydrant/sidewalk change at Station 3+036.254, Rt.: The fire hydrant was constructed approximately 1.123 meters right of the plan location, and was in conflict with the sidewalk. The fire hydrant was planned to be 2'-6" from the back of curb. Photo #103.	Linaweaver		
72	Install 106th St street name sign on NW corner.	Extra Work	Change Order Item (Not in Original Plans) DELETED	
73	Remove silt in line L starting at L-4 to L-2	Loch	Completed	
74	Address lid elevations that are too low and sidewalk conflict at L-7. See photo 101	Loch	Completed	
75	Address stress fractures in concrete wall and leaking holes in retaining walls from 106th Street. See photos 102.	L.G. Barcus & Sons		
	NE 107th			
76	Check for weep hole in back of L-4B at old pipe removal.		Completed	
	NE 108th (Sta 3+410 to 3+570)			
77	Remove debris from BB box culvert. See photo 110	Linaweaver/CRETEX/Loch		
78	Submit proposed repair method for inside top of box BB where the RCB was damaged by LSCC at time of installation of Q line to Q-2. see photo 111	Linaweaver/CRETEX/Loch		
79	Address Z1 toe wall skirt undermined and separated several inches from Z line. Dirt is visible between bell and spigot at FES joint. See photo 112	Loch	Completed	
80	Check if survey monument box at 3+410.551 (Sheet 27) was replaced. Location is in intersection of NE 108th & Searcy Creek Pkwy.	Midland Surveying	Completed 4-12-2010	
	109th Terr/Water Tower service drive			
81	Two streetlights on cul-de-sac for water tower entrance.	Capital Electric	Completed	
	NE 110th			
82	Resolve V-1 top of box cut at least 6 inches			

83	Sta. 3+850, Left to Sta. 3+925, Left. Line T was not constructed per plan. Resolve T-1 at 110th intersection water line crossover verification of elevation. V-1 (Elev) & T-1. Flow is insufficient to meet minimum requirement. The capacity of the pipe system is less than half of the design requirements.	Design Error? Waiting on Revised Design/Plans	Design Error? Waiting on Revised Design/Plans	
	GENERAL CONDITION THROUGHOUT			
84	Wheel Chair Ramps need to meet current ADAAG requirements and design standards; in particular, the correct cross slopes, ramp slopes, and landing dimensions.	Waiting on Approved/Executed Change Orders	Waiting on Approved/Executed Change Orders	
85	Complete all items added by change order.	Loch	Completed	
86	Cleanout of storm sewer structures, including inlets, manholes, and pipe. See "Storm" list below.	Twin Traffic	Completed	
87	Install remaining permanent traffic control signs.	Twin Traffic	Completed	
88	Check that all "No Parking" signs are at a 45 degree for visibility on approach.	Loch	Install Base Rock Tapers (Completed)	Mike Henggeler
89	Taper street pavement edges at shoulders where new PC concrete edge tapers were bluntly terminated. Construct asphalt millings/gravel transition from blunt ends at a ratio of ten (length) to one (width). Known locations are NE 105th St, NE 109th St, & NE 109th Terr.			
90	Check that all permanent striping has been placed and is properly glued down.	Twin Traffic		
91	Submit proposed method of patching & color matching broken/chipped PCC post & panel and retaining walls.	Schrimpf Landscaping & L.G. Barcus & Sons	Review ???	
92	From discharge in Pine Lake to Curb Inlet V-1, remove gravel from N Oak construction in storm sewer system.	Linaweaver	Completed	
93	Adjust all fire hydrants to finished grade.	Linaweaver		
94	Provide waterline as-built plans showing alignment and changes made to elevation and location of water mains per WSD specifications.	Linaweaver		
95	Curb stop boxes for water service valves belong one foot back of curb.	Linaweaver		
96	Curb stop service valve box lids that are in sidewalks need to be cleaned of concrete.	Linaweaver	Completed	
97	Adjust valve boxes to grade in unfinished areas.	Capital Electric	Capital Electric (Submitted RFI & completing price proposal) Completed	
98	Submit RFI(s) for streetlight questions.	CIMO/KCPL Delay & Conflicts	CIMO/KCPL Delay & Conflicts (Completed)	
99	When ready, power up and burn test the streetlights north 3 controllers.	Twin Traffic	Design Error? Change Order? (Not in Original Plans & Quantities)	
100	Place white reflective edge striping on outside right lanes. Long distances are missing on NB and SB North Oak, and on side streets.	Collins & Herman (If Approved)	Price Proposal Submitted to CIMO 12/22/2010. Waiting on approved Change Orders.	
101	City is considering adding guardrail along North Nashua Drive.			
	NE 97th Terr			
102	A long section of sidewalk has greater than 2% cross slope south of driveway approach that is across N Oak from NE 97th Terrace intersection. Siltation debris was noted in part of the section.	Loch	Review ???	
103	Remove silt fencing (cut fence at ground level and remove posts) from rip-rap area around the flared end section just south of NE 97th Terr.	Loch	done	Mike Henggeler

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104	White "skips" of permanent striping are missing between NE 97th Terr to NE Locust.	Twin Traffic	Twin Traffic (Installed, Accepted & Paid for 2008)	
105	SE corner of NE 97th Terr, Hole/crack in sidewalk.	Loch		Mike Henggeler
	Locust			
106	SE corner, Valve in truncated dome of sidewalk ramp.	Linaweaver		
107	NE corner of Locust, Hole/crack in sidewalk.	Loch & Geiger Ready Mix		
	NE 98th St			
108	Broken sidewalk located near the pond and white railing just north of the entrance to Oakbrook.	Loch	Review ???	Mike Henggeler
109	NE corner of NE 98th St., Valve box in truncated domes	Linaweaver		
	NE 99th			
110	SE corner of NE 99th – Valve box in truncated domes of sidewalk ramp.	Linaweaver		
111	NE corner of NE 99th – Broken/cracked sidewalk.	Loch	Completed	Mike Henggeler
	New Mark			
112	NE corner of New Mark – Sidewalk ramp has too much slope.	Loch	Review ???	
113	SE corner of New Mark – Repair grout at bottom of signal pole.	Capital Electric	Completed	
	NE 101st Place			
114	NE 101st Pl, NW corner, Sidewalk ramp has too much slope.	Loch	Review ???	Mike Henggeler
	NE 102nd Terr			
115	Water valve casting is in ADA truncated dome panel in WCR at SW corner of NE 102nd Terr. (or possibly St.).	Linaweaver		
116	North & South of NE 102nd Terr – Clean concrete off sanitary MH lids in street in SB lanes.	Loch		Mike Henggeler
117	NE corner of NE 102nd Terr – Sidewalk ramp landing too small.	Design/Plan Error	Design/Plan Error (Waiting On Revised Plans to Submit Price)	
118	SE corner of NE 102nd Terr – Sidewalk ramp landing too small.	Design/Plan Error	Design/Plan Error (Waiting On Revised Plans to Submit Price)	
	NE 103rd			
119	Cross hatching (diagonal yellow) pavement striping across from railings N of Oakbrook entrance is peeling up.	Twin Traffic		
120	NW corner – Sidewalk ramp has too much slope and curb lip too high.			
121	SW corner –Sidewalk ramp landing too small.	Design/Plan Error	Design/Plan Error (Waiting On Revised Plans to Submit Price)	
122	North of NE 103rd – Sidewalk crack.			
123	Sta. 0+480, Left. A ponding point was noted in the westbound lane. Also, the contractor did not construct a smooth transition from the new pavement to the existing pavement. The contractor needs to remove and replace 2 panels to correct the ponding, achieve positive drainage, and correct the transition to the existing pavement.		Review ???	
	NE 104th			
124	South of School, Fire hydrant set too low.	Linaweaver		
	NE 105th			
125	NW corner of NE 105th St, truncated domes sheared off and need to be replaced.			
126	South of NE 105th, west side, fire hydrant too low.	Linaweaver		
	NE 106th			

Pour Back on 4-28-2010

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Pour Back on 4-28-2010

127	10636 N Oak north flare of driveway approach is too small. Looks like it is only about 2.5' wide instead of 5' wide.	Loch	Review ???	Mike Henggeler
128	Remove tree located to the north of the driveway at 10636 N Oak per plan.	Loch (Completed)	Completed	
129	Correct the school zone time on the sign to read 7:30 to 9:30 AM (not 7:30 to 9:00 AM).	Twin Traffic	Design/Plan Error (Need RFP for Price Proposal)	
130	Fire hydrant set too low.	Linaweaver		
131	In front of house 10606 N Oak, sidewalk is cracked. 4-27-2010 pour back	Loch		Mike Henggeler
132	North of NE 106th – Water proof patched holes. Verify underdrain was installed behind wall and is connected to inlet FF1.		Underdrain eliminated via revised plans.	
133	North side NE 106th – Graffiti on both sides of wall.	Loch	Review ???	Mike Henggeler
134	Complete top brick placement between wall blocks and concrete ribbon under hand rail.	Schrimpf Landscaping	Schrimpf Landscaping (Waiting for Approved/Executed Change Order)	
135	Complete added hand rail extensions at modular walls per change order.	Van's Fence	Change Order #16 (Van's Fence Price Increase Submitted 12/21/2009)	
	NE 106th Terr			
136	106th Terr, SW corner. Sidewalk ramp has too much slope in landing.	Loch	Review ???	Mike Henggeler
137	Construct ADA wheel chair ramp at the NW corner of NE 106th Terr & N Oak. pour back complete	Loch 4-20-2010	Waiting on Revised Plan Sheets & Change Order Randy Edson approved on 4-19-2010	
	NE 108th St			
138	Construct ADA wheel chair ramp at the SW corner of NE 108th St & N Oak. pour on	Loch 4-27-2010	Waiting on Revised Plan Sheets & Change Order	
	NE 109th St			
139	Remove and replace broken curb on the SW corner of NE 109th St.	Loch	Completed	Mike Henggeler
	NE 109th Terr			
140	Address P.O. question at 303 NE 109th Terr regarding alleged damage to existing asphalt driveway.		Not Disturbed by Loch	
	NE 110th			
141	Bad curb south of the SW corner of NE 110th St and south of the AT&T manhole (in street).	Loch	Review ???	Mike Henggeler
142	Check ADA Ramp to driveway at 11033 N Oak. The slope on the north side appears to be greater than minimum requirement.	Loch	Review ???	Mike Henggeler
143	Remove silt & gravel from storm line from V2 to Pine Lake.			
	NE 111th St			
144	Asphalt overlays thinner than 2" were made. Make smooth the transition asphalt from the PC concrete pavement to the matchpoint in NE 111th St. intersection.			
145	Remove "Van's" fence sign from wooden fences throughout site.	Van's Fence	Completed	
	Storm Sewer			
146	At 107th/N. Oak, 1st Inlet, apartment side, south side	Loch	Completed	
147	At 107th/N. Oak, 1st Inlet, Mullins Plaza side, north side	Loch	Completed	
148	N. Oak NB lane, 1st Inlet south of 107th/N. Oak, wall side	Loch	Completed	
149	1st inlet south of 110th	Loch	Completed	
150	Across from T1, between 11005 & 11001 N Oak	Loch	Completed	
151	North of 109th, on N Oak	Loch	Completed	
152	South of water tower entrance, on N Oak	Loch	Completed	
153	North of Karapat, on N Oak	Loch	Completed	
154	Inlet south of 108th, east side of N Oak	Loch	Completed	

155	Inlet at 10700 N Oak, across from L3	Loch	Completed
156	From Pine Lake to Curb Inlet V-1, remove construction gravel from storm sewer system.	Loch	Completed
	WATER		
157	Check on location of hydrant at the NE corner of Karapat & N Oak to see if the plan location is further south.	Linaweaver	Explanation Provided in 3/1/2010 Letter
158	Cover over main to be 42", currently at 28" according to the valve for the 12" main at the SE corner of Karapat & N Oak.	Linaweaver	Explanation Provided in 3/1/2010 Letter
159	Clean out curb stops/valves located in and near concrete flatwork to remove concrete (e.g. in sidewalk at 10730, 10600, and 10618 N Oak).	Linaweaver	
160	Lower the service line at 10618 N Oak; it is too shallow (in danger of freezing).	Linaweaver	Explanation Provided in 3/1/2010 Letter
161	Relocate water valve casting away from ADA truncated dome panel in WCR at SW corner of NE 102nd St.	Linaweaver	Explanation Provided in 3/1/2010 Letter
162	Relocate water valve casting away from ADA truncated dome panel in WCR at NE corner of NE Locust St.	Linaweaver	
163	96th & N Oak Station 0+987+57 SE corner. 1. East valve cut PVC riser to below lid level.	Linaweaver	
164	9620 N Oak Station 1+133.2 Hydrant, (Across street). 1. Remove chipped paint and repaint green.	Linaweaver	
165	Locust & N Oak Station 1+226.3 1. North valve cut PVC riser below bottom of lid.	Linaweaver	
166	Locust & N Oak, Existing hydrant in work area. 1. Locate buried hydrant valve lid & ring and adjust to grade.	Linaweaver	
167	9807 N Oak Station 1+486.00, Hydrant. 1. Remove chipped paint and repaint green.	Linaweaver	
168	98th Terr. & N Oak (400 NE 98th Terr.) Station 1+505.9 1. Needs longer extension.	Linaweaver	
169	9931 N Oak Station 1+637, Hydrant. 1. Raise hydrant to finish grade (18" to 21" from grade to nozzle). 2. Remove chipped paint and repaint green. 3. Tighten bolt on extension or provide single extension.	Linaweaver	
170	101st & N Oak Station 1+938, Hydrant. 1. Cut back poly wrap. 2. Remove chipped paint and repaint green.	Linaweaver	
171	101st & N Oak Station 1+867.6, South valve. SE corner. 1. Center standpipe over valve nut & make valve operable. 2. Provide single extension.	Linaweaver	
172	101st & N Oak Station 1+870.5, SE corner, West valve. 1. Center standpipe over valve nut & make valve operable. 2. Provide single extension.	Linaweaver	
173	101st & N Oak Station 2+081, SE corner, N valve. 1. Provide single extension.	Linaweaver	
174	101st & N Oak Station 1+871.3, SE corner, Line valve. 1. Provide single extension.	Linaweaver	
175	101st & N Oak Station 1+938, Hydrant. 1. Very stiff to operate, Repair hydrant. 2. Cut PVC riser to below lid level. 3. Remove chipped paint and repaint green.	Linaweaver	WSD to Repair Completed WSD to Repair
176	101st Place & N Oak Station 2+072. NW corner, Valve in sidewalk.	Linaweaver	

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	1. Center standpipe over valve nut & make valve operable.		
	2. Provide extension	Linaweaver	
177	101st Place & N Oak, NE 101st Place median.		Completed
	1. Remove wood forms surrounding the two concrete valve pads.		WSD to Repair
	1. Very stiff to operate, Repair hydrant.	Linaweaver	
178	101st Place & N Oak Station 2+100.8, Hydrant north of intersection.		WSD to Repair
	1. Very stiff to operate, Repair hydrant.	Linaweaver	
179	10201 N Oak (Go-Pet-Go) Station 2+150. Between sidewalk and curb.		
	1. Provide extension.	Linaweaver	
180	10245 N Oak Station 2+245, Hydrant. (Across street).		Constructed to Plan
	1. The hydrant was constructed approximately 824 mm left of plan location.		
	2. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		Completed
	3. Remove chipped paint and paint green.		
	4. Provide extension.	Linaweaver	
181	102nd Terr. & N Oak, Station 2+320, East side, South 12" valve.		
	1. Insufficient ground cover, 35", 12" top of nut.	Linaweaver	
182	102nd Terr. & N Oak, Station 2+320, East side, East valve.		
	1. Provide extension.	Linaweaver	
183	102nd Terr. & N Oak, Station 2+320, East side, 12" North valve.		WSD to Repair
	1. Difficult to operate needs repair.	Linaweaver	
184	102nd Terr. & N Oak, Station 2+300, West side, 12" East valve. (In street).		
	1. Extension not on nut, inoperable.	Linaweaver	
185	102nd Terr. & N Oak, Station 2+300, West side, 12" South valve.		
	1. Provide extension.	Linaweaver	
186	102nd Terr. & N Oak, Station 2+300, West side, West valve.		
	1. Provide extension.	Linaweaver	
187	102nd Terr. & N Oak, Station 2+320, West side, Hydrant.		
	1. Provide extension.		
	2. Cut PVC riser below bottom of lid.	Linaweaver	
188	103rd & N Oak. Station 2+465.5, South 12" valve.		
	1. Insufficient ground cover 29", 6" top of valve nut.	Linaweaver	
189	103rd & N Oak. Station 2+465.5, North 12" valve.		
	1. Insufficient ground cover 30", 7" top of valve nut.	Linaweaver	
190	103rd & N Oak. Station 2+465.5, West valve, in street.		
	1. Center standpipe over valve nut & make valve operable.		
	2. Cut PVC riser below bottom of lid. (2" to 3" separation between PVC risers).		
	3. Provide extension.	Linaweaver	
191	103rd & N Oak. Station 2+460, Hydrant.		
	1. Remove chipped paint and repaint green.		
	2. Remove poly wrap.	Linaweaver	
192	10400 N Oak, Station 2+612, Hydrant, (Across street).		
	1. Lower hydrant to 18"to 21" from CL of nozzle to top of grade. Remove poly wrap.	Linaweaver	
193	10418 N Oak, Station 2+772, across street, Hydrant.		Completed
	1. Valve stem broken.		Completed
	2. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		Completed
	3. Locate buried hydrant valve lid & ring and adjust to grade.		
	4. Provide extension.		

	5. Remove chipped paint and repaint green.		
194	10424 N Oak, existing hydrant, on corner.	Linaweaver	
	1. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		Not in Original Plans (Complete Via Change Order)
	2. Locate buried hydrant valve lid & ring and adjust to grade.		Not in Original Plans (Complete Via Change Order)
195	10522 N Oak, Station 2+919 Hydrant across street.	Linaweaver	
	1. Remove chipped paint and repaint green.		
	2. Cut PVC riser below bottom of lid.		
	3. Plumb hydrant.		
196	105th & N Oak, Station 2+775, 8" West valve.	Linaweaver	
	1. Locate buried hydrant valve lid & ring and adjust to grade.		Completed
	2. Provide pad.		Completed
197	10612 N Oak, Station 2+998, North valve.	Linaweaver	
	1. Provide single extension.		
198	10618 N Oak, Station 3+037, hydrant across street.	Linaweaver	
	1. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		Completed
	2. Remove chipped paint and repaint green.		
	3. Provide extension.		
199	106th Terr. & N Oak Station 3+085, West valve.	Linaweaver	
	1. Provide extension and retest valve.		
200	106th Terr. & N Oak Station 3+085, North valve.	Linaweaver	
	1. Center standpipe over valve nut & make valve operable.		
	2. Provide extension and retest valve.		
201	107th & N Oak, Station 3+175, South valve.	Linaweaver	
	1. Provide extension and test.		
	2. Cut PVC riser below bottom of lid.		
202	107th & N Oak, Station 3+175, North valve.	Linaweaver	
	1. Center standpipe over valve nut & make valve operable.		
	2. Provide extension and test.		
203	107th & N Oak, Station 3+191, Hydrant across street.	Linaweaver	
	1. Center standpipe over valve nut & make valve operable.		
	2. Cut PVC riser below bottom of lid.		
	3. Remove chipped paint and repaint green.		
	4. Remove poly wrap.		
204	10718 N Oak, Station 3+330, Hydrant across street.	Linaweaver	
	1. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		Completed
	2. Valve stem broken, needs valve pad & extension.		Completed
205	108th & Searcy Creek Pkwy, Station 3+445, east side.	Linaweaver	
	1. Locate buried hydrant valve lid & ring and adjust to grade.		Completed
	2. Work incomplete in this area.		Completed
206	108th & Searcy Creek Pkwy, Station 3+420 west side.	Linaweaver	
	1. Locate buried valve lid & ring and adjust to grade.		Not in Original Plans (Complete Via Change Order)
	2. Work incomplete in this area.		Not in Original Plans (Complete Via Change Order)
207	108th & Searcy Creek Pkwy, Station 3+593, Hydrant east side.	Linaweaver	
	1. Raise hydrant to finish grade (18" to 21" from grade to nozzle).		
	2. Remove chipped paint and repaint green.		
208	Karapat & N Oak, Station 3+583, 12" line valve.	Linaweaver	

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	1. Insufficient ground cover 35.5", 12" top of valve nut.		
209	Karapat & N Oak, Station 3+594, 12" North valve.	Linaweaver	
	1. Insufficient ground cover 28", 4.5" top of valve nut.		
210	Karapat & N Oak, Station 3+583, Hydrant.	Linaweaver	
	1. Center standpipe over valve nut & make valve operable.		
	2. Wrong color, repaint Black.		
	3. Raise hydrant to finish grade (18" to 21" from grade to nozzle). Note no finished grade.		
211	Water Service Drive & N Oak. Station 3+684, 12" South valve.	Linaweaver	
	1. Insufficient grade, 28.5" to top of pipe.		
212	Water Service Drive & N Oak. Station 3+684, 8" West valve.	Linaweaver	
	1. Insufficient grade, 12" to top of nut.		
213	Water Service Drive & N Oak. Station 3+718, Hydrant.	Linaweaver	
	1. Plumb fire hydrant.		Completed
	2. Raise hydrant to finish grade (18" to 21" from grade to nozzle). Note no finished grade.		Completed
	3. Replace cap with spec. listed cap.		
214	11005 N Oak, Station 3+882, Hydrant.	Linaweaver	
	1. Raise hydrant to finish grade (18" to 21" from grade to nozzle). Note no finished grade.		
	2. Locate buried valve lid & ring and adjust to grade.		
	3. Provide pad.		
215	11005 N Oak, Station 3+858, 12" north & south valves.	Linaweaver	
	1. Provide extension and test.		
216	11005 N Oak, Station 3+858, 8" West valve.	Linaweaver	
	1. Center standpipe over valve nut & make valve operable.		
	2. Provide extension and test.		
	3. Grade incomplete, large sink hole west of west valve at valve.		
	4. Provide pad.		
217	11035 N Oak, Rear yard, Station 3+970. 2-12" valves.	Linaweaver	
	1. North valve needs pad.		
	2. South valve needs pad and PVC riser cut below lid.		
218	9620 N Oak, Curb Stop.	Linaweaver	
	1. Curb stop & meter full of water, no inspection made.		
	2. Curb stop in sidewalk.		
219	9931 N Oak, Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
220	10078, 80 & 82 N Locust.	Linaweaver	
	1. Curb stop in sidewalk.		
221	10400 N Oak. Curb stop.	Linaweaver	
	1. Fails minimum ground cover, has 12" extension, maybe 14" top of corp.		
	2. Curb stop in sidewalk.		
222	10406 N Oak. Curb stop.	Linaweaver	
	1. Fails minimum ground cover, has 12" extension, maybe 12" top of corp.		
	2. Curb stop in sidewalk.		
223	10412 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk, unable to open		Existing Curb Stop (Not Included In Contract)

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224	10418 N Oak. Curb stop.	Linaweaver	
	1. No extension, reviewing for proper ground cover.		Existing Curb Stop (Not Included In Contract)
	2. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
225	10500 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk, unable to open		
226	10512 N Oak. Curb stop.	Linaweaver	
	1. Unable to open		
	2. Bolt broken on box.		
227	10514 N Oak. Curb stop.	Linaweaver	
	1. No inspection, bolt cross threaded.		
228	10518 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
229	10522 N Oak. Curb stop.	Linaweaver	
	1. Not able to locate, possible around 48' east & 7' south of NE corner.		
230	10600 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Bolts tab broken off box.		
231	10606 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
232	10612 N Oak. Curb stop.	Linaweaver	
	1. Not able to locate, 41' east 7 22' north of ne corner or 38' east & 5'north of se corner.		
233	10618 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Bolts tab broken off box.		
234	10630 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
235	10636 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
236	10642 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
237	10700 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
	2. Bolts tab broken off box.		Existing Curb Stop (Not Included In Contract)
	3. Reset meter box lid and ring, ring sitting on loose bricks.		Existing Curb Stop (Not Included In Contract)
	4. Water service line is too shallow.		Existing Curb Stop (Not Included In Contract)
238	10706 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
239	10724 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)

	2. Bolt cross threaded.		Existing Curb Stop (Not Included In Contract)
	3. Remove dirt from riser and test corp.		Existing Curb Stop (Not Included In Contract)
240	10730 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		Existing Curb Stop (Not Included In Contract)
	2. Replace broken lid.		Existing Curb Stop (Not Included In Contract)
241	10920 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
242	11001 N Oak. Curb stop.	Linaweaver	
	1. No inspection, bolt cross threaded.		
	2. Grade not completed and inspect for depth of corp.		
243	11005 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Replace broken lid.		
244	11015 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
245	10025 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Bolts tab broken off box.		
246	11027 N Oak. Curb stop.	Linaweaver	
	1. Check elevation after sod set.		
247	11029 N Oak. Curb stop.	Linaweaver	
	1. Full of dirt, Recheck when removed.		
	2. Riser offset, not able to reach corp.		
	3. Check elevation after sod set.		
248	11031 N Oak. Curb stop.	Linaweaver	
	1. Full of dirt. Recheck when removed.		
	2. Check elevation after sod set.		
249	11033 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Couldn't remove lid.		
250	11035 N Oak. Curb stop.	Linaweaver	
	1. Curb stop in sidewalk.		
	2. Couldn't remove lid.		
251	11037 N Oak. Curb stop.	Linaweaver	
	1. Full of dirt. Recheck when removed.		Not in Original Plans (Complete Via Change Order)
252	11039 N Oak. Curb stop.	Linaweaver	
	1. Full of dirt. Recheck when removed.		Not in Original Plans (Complete Via Change Order)
253	304 NE 109th Street. Curb stop.	Linaweaver	
	1. Not ready, no grade.		Not in Original Plans (Complete Via Change Order)
254	303 NE 109th Street. Curb stop.	Linaweaver	
	1. Not ready, no grade.		Not in Original Plans (Complete Via Change Order)
255	10830 N Oak. Curb stop.	Linaweaver	

	1. Not ready, no grade.		Not in Original Plans (Complete Via Change Order)
256	316 NE 109th Street. Curb stop.	Linaweaver	
	1. Not ready, no grade.		Not in Original Plans (Complete Via Change Order)
257	305 NE 109th Terr. Curb stop.	Linaweaver	
	1. Not ready, no grade.		Not in Original Plans (Complete Via Change Order)
258	510 NE 106th Street. Curb stop & meter. Sheet 230.	Linaweaver	
	1. Reset meter box lid and ring, ring sitting on dirt. Grout bricks.		Service no longer exists. Deleted from project.
	2. Not able to locate curb stop.		Service no longer exists. Deleted from project.
259	108th & N. Oak	Linaweaver	
	1. Expose and raise to grade 24" BFV cover (buried under pavement)		Completed
260	109th & N. Oak Water Tower	Linaweaver	
	1. Relocate hydrant out of sidewalk.		Completed
	2. Pour valve pad.		Completed