PROFESSIONAL CIVIL ENGINEER
HOLLY S. LIONBERGER
E-10660
01/26/07
STATE OF NEBRASKA

ADDENDUM #1
TO SPEC. 07-037 & 07-038

Paving & Water Main Project 540009 & 700268, South Street from 8th to 17th St.

And

South Street Streetscape Project TCEP 227-105-04

Bids to be opened on Wednesday, January 31, 2007.

Please note the following:

1. Special Provisions have been added for Bored Water Main Pipe Material and Pedestrian Light Poles Certification, see attached.

2. Plan revisions have been made specifying bored watermain at the intersection of 13th and South Street and bored traffic signal conduit at the intersections of 9th, 10th, 13th and 16th and South Street. The City furnished pole on the SE corner of 13th and South Street has been changed to a Type MA-1 pole, also the power supply has been moved closer to the intersection from what was shown on original plans. See attached plan revisions and bid item schedule. Remove and replace the original bid item schedule with the attached.

3. A Prebid meeting was held on January 17, 2007 at 2:30 PM at Lincoln Wastewater. Meeting minutes and attendance sheet are attached.

Please note the following questions:

1. **Are these projects Federally funded?**

Answer Project 07-037 has some Federal Funds for colored concrete.
Project 07-038 does have Federal Funds.

2. **Do these project have DBE goals?**

Answer No.

3. **Is fusible pvc pipe acceptable for specified bored sections?**

Answer No.

All other terms and conditions to remain unchanged.

Dated this 26th day of January, 2007.

Purchasing Department

Vince M. Mejer

Purchasing Agent

SPECIAL PROVISIONS
CITY OF LINCOLN, NEBRASKA

South Street, 8th St. to 17th St.
Project 540009

These Special Provisions are being released as part of:

Addendum #1
Spec. 07-037 & 07-038
Paving & Water Main Project 540009 & 700268, South Street from 8th to 17th Street
South Street Streetscape Project TCEP 227-105-04.

These Special Provisions amend or supplement the City of Lincoln Standard Specifications for Municipal Construction, 2006 Edition, and other provisions of the Contract Documents as indicated herein. All provisions that are not so amended or supplemented remain in full force and effect.

WATER MAINS

The following are modifications or additions to parts of Chapter 23 – Water Mains, of the City of Lincoln Standard Specifications For Municipal Construction:

Bored Water Main Pipe Material

The pipe material required for the Water Main within the areas identified to be bored 40-feet or longer as shown on the plans, shall be manufactured only from water distribution pipe and couplings conforming to AWWA C900. Restrained joint pipe shall also meet all performance requirements of AWWA C900. Pipe, couplings, and all thrust restraint components used thereon shall be completely non-metallic to eliminate corrosion problems. The Contractor shall furnish CERTAINTEED – "CERTA-LOK" restrained joint C900 PVC pipe, or approved equal. Pipe material other than Certa-Lok must be approved prior to ordering.

TRAFFIC SIGNAL AND STREET LIGHTING

The following are modifications or additions to parts of Chapter 24, Traffic Signal and Street Lighting, of the City of Lincoln Standard Specifications For Municipal Construction:

Pedestrian Light Poles Certification

The Contractor shall supply certification from the manufacturer that the pedestrian light poles will accommodate the specified banners.

South Street Rehab and Streetscape Pre-Bid Meeting
January 17, 2007 2:30 p.m.
Lincoln Wastewater Training Room
AGENDA

1. Sign-in

2. Introductions/Roles

3. Project Ties

4. Project Letting Wednesday, January 31, 2007 12:00 noon

5. Project Overview
    a. Street Rehab
        i. 8th Street to 10th Street
        ii. 10th Street to 13th Street
        iii. 14th Street
        iv. 13th Street to 17th Street
    b. Watermain
    c. Stormsewer
    d. Traffic Signals and Street Lighting
    e. Streetscape

6. Utilities
    a. Lincoln Wastewater Department
        i. Coordinated repairs as listed
    b. Lincoln Water System
        i. Coordinate service tap replacement with plumber at 844 South St
    c. Watershed Management
    d. Aquila
        i. To be included in addendum – Coordinate anode work on 12" main between 15th Street and 17th Street
    e. LES
    f. Time Warner Cable
    g. Windstream Communications

7. Right-of-Way
    a. Has been acquired
    b. Building at 1325 South Street to be demolished by March 12, 2007

8. Permits
    a. NPDES
        i. Contractor to cosign NPDES permit and follow requirements

9. Project Phasing
    a. Phase I – South Street between 13th and 16th Street (bank driveway) including the 13th Street intersection
    b. Phase II – South Street between 16th (bank driveway) and 17th Street including the intersection of 16th and South Street
    c. Phase III – South Street between 10th and 13th Street
    d. Phase IV – South Street between 8th and 10th Street including the intersections of 9th and 10th and South Street

10. Contract Time
    a. Anticipate notice to proceed March 12, 2007
    b. 140 calendar days total, but not past September 14, 2007 final completion
    c. 10 days each for intersections of 9th, 10th, and 13th and South Street

11. Incentives/Disincentives and Lane Rental
    a. $1,500 per single lane closure per direction per day Lane Rental
    b. $2,000 per calendar day for failure to complete work at intersections of 9th, 10th, and 13th and South Street Disincentive
    c. $1,500 per calendar day up to maximum of $27,000 for completion of work for all phases Incentive
    d. $2,000 per calendar day up to maximum of $8,000 per intersection for completion of work at intersections of 9th, 10th, and 13th and South Street Incentive

12. Special Traffic Control Provisions
    a. Only one phase completely closed at a time; lane closures with approval
    b. Intersections of 9th and 10th Street need to be coordinated with City project at 9th and 10th and Van Dorn Streets
        i. Letting date of March 28, 2007
        ii. Completion date of July 13, 2007 – **Changed to July 20, 2007**
    c. 9th and 10th Street intersections cannot be closed at same time; Traffic restored east of 9th Street before 9th Street intersection closed
    d. Intersections of 9th, 10th, and 13th and South Street fully open for UNL home football games
    e. Access to businesses and residences to be maintained at all times
    f. ADA compliant pedestrian access to be maintained at all times
    g. Access to at least one drive at Lancaster Manor from South Street

13. Construction Staking by City Surveyors

14. Questions/Concerns

PRE-BID MEETING MINUTES
SOUTH Street REHAB & StreetSCAPE
PROJECT 540009 & 700268
SPEC. NO. 07-037 & 07-038

JANUARY 17, 2007, 2:30 TO 3:30

INTRODUCTIONS:
City Design Manager - Holly Lionberger
City Construction Project Manager - Steve Faust
Design Consultant - n/a
Staking - City Surveyors

CONTRACT TIME:
Advertisement Date : January 5, 2007
Bid Letting Date: January 31, 2007
Anticipated Notice to Proceed: March 12, 2007
Anticipated Completion Date: 140 calendar days, but not past September 14, 2007
10 calendar days for each intersection of 9th, 10th & 13th Street

PERMITS:
NPDES - Approved
Contractor is required to co-sign the NOI

STATUS OF ROW - All ROW has been acquired, the building at 1325 South Street is scheduled to be demolished by March 12, 2007.

PHASING: 4 Phases
South Street from 13th to 16th Street (bank entrance) including the 13th Street Intersection
South Street from 16th (bank entrance) to 17th Street including the 16th Street Intersection
South Street from 10th to 13th Street
South Street from 8th to 10th including the intersections of 9th & 10th Street

UTILITIES:
Alltel/Windstream - Mostly aerial cable from 8th to 14th Street, 14th Street on is underground and should have clearance, they would like to change 5 manhole lids..

LES - 1 Distribution Pole at SE corner of 13th & South to be relocated. The Contractor will be required to provide verification from the manufacture that the pedestrian light pole arms are compatible with the proposed banners.

Aquila - Coordinate anode work on 12" main between 15th & 17th Street. Need to verify depth at 15th & South Street.

Time Warner - Did not attend.

Watershed - Work as shown in plans and specials

Water - Work as shown in plans and specials, including NW corner of 9th & South where a new restaurant needs to have the existing tap replaced and will need to coordinate with Mark Morris of John's Plumbing.

Wastewater - Coordinate repairs as stated in the Specials.

Questions:

1. **Why is the 13th Street intersection watermain open cut with a 10-day restriction when the other time restricted intersections specify bored watermain?**
   The plans have been revised to specify bored watermain at the 13th and South Street intersection. See attached revised plan sheets and Project Item Schedule.

2. **In Phase 3, 10th to 13th Street, the drive into Lancaster Manor must have access at all times, how is that possible?**
   This access is for emergency personnel. Pavement will need to be left in place allowing access to Lancaster Manor until new pavement is placed and can be used for the access.

3. **For the remove/replace bid items, how it the contractor paid, by what's removed or by what's put back?**
   The contractor is paid based on what's put back.

4. **The Streetscape project does not specify years of experience and number of installations for the colored, stenciled concrete, but the Rehab project does?**
   The years of experience and number of installations required in the Installer Qualifications for colored, stenciled concrete in the Rehab project have been eliminated.

5. **Why is shake on specified instead of integral? Is roller stamp acceptable?**
   Stamping is not permitted. Shake on color is specified instead of integral color so that stenciling can be used instead of stamping. A smooth surface is required.

6. **Do the lane closures permitted outside of the closed phase need to follow peak hour restrictions?**
   No - approved lane closures do not need to follow the peak hour restrictions.

7. **Temporary Signals?**
   The City will allow the use of temporary signals only if absolutely needed and approved by the Engineer. To help the Contractor accomplish this, the conduit within the intersections have been changed to bored.

8. **There are poles listed in the Paving Project and the Streetscape Project, are they the same poles?**
   Yes, they are the same poles. The bid item is in the Rehab plan set and the poles are shown in the streetscape project for information only. The streetscape plans incorrectly note that the poles are LES supplied. These poles are to be supplied by the Contractor.

MEETING ATTENDANCE

CITY OF LINCOLN
NEBRASKA
MAYOR COLEEN J. SENG
lincoln.ne.gov

Type and/or Topic:

Date & Time of Meeting: Location:

Chair (Staff Representative): Secretary:

Name (Please Print)	Organization	Phone No.	E-Mail
Holly Lionberger	Eng Services	441-8400	hlionberger@lincoln.ne.gov
Dan Hassler	City Lab	441-7714	dhassler@lincoln.ne.gov
Steve Samuelson	Constructors		
Joe Glaser	TRAFCON	434-1776	joeg@trafconinc.com
YVETTE BUTT	LEGRANDE E/C	423-4076	tldirt@alltel.net
[illegible]	" "	" "	" "
LARRY KATHOL	LINCOLN ELECTRIC	467-7642	lkathol@les.com
Paul Claus	Commonwealth Ele	473-2232	
Paul Hoeyemeyer	" "	450-2160	
Eric Anderson	Constructor Inc	434-1711	
DEREK BOOKSTROM	BOOKSTROM	464-4342	
Matt Martin	Dobson	474-5715	mmartin@dobsonbrothers.com
BOB Irwin	Stephens & Smith Const.	479-6405	rirwin@stephensandsmith.com
Todd Rose	" " "	540-7494	trose@stephensandsmith.com
Steve Owen	LWS	441-5925	sowen@lincoln.ne.gov
Leroy Maints	LWS	441-5923	lmaints@lincoln.ne.gov
Casey Thompson	TCW Const	475-5030	cthompson@tcwconstruction.com
Bruce Sweney	ES-City	441-8403	bsweney@lincoln.ne.gov
GREG TOPIL	ES	441-8237	gtopil@lincoln.ne.gov
KELLY STECKMEYER	ES	441-7454	KSTECKMEYER " " " "
Devin Biesecker	PW+U	441-4955	dbiesecker@lincoln.ne.gov
CLINT THOMAS	City R.E	441-7569	CThomas@Lincoln.NE.gov
Wayne Burcham	City Eng. Services	441-6094	wburcham@Lincoln.ne.gov

MEETING ATTENDANCE

CITY OF LINCOLN
NEBRASKA
MAYOR COLEEN J. SENG
lincoln.ne.gov

Type and/or Topic:

Date & Time of Meeting: Location:

Chair (Staff Representative): Secretary:

Name (Please Print)	Organization	Phone No.	E-Mail
Michael McCullough	Pavers Inc	786 5900	MMcCullough@Pavers inc
Dave Edwards	T.C.W Const. Inc.	525-4631	dedwards@TCWconstruction.com
Mary Lowe	Eng Services	441-7540	mlowe@LINCOLN.NE.gov

MEETING ATTENDANCE

CITY OF LINCOLN
NEBRASKA
MAYOR COLEEN J. SENG
lincoln.ne.gov

Type and/or Topic:

Date & Time of Meeting: Location:

Chair (Staff Representative): Secretary:

Name (Please Print)	Organization	Phone No.	E-Mail
Ken Adams	Windstream	436-5794	charles.adams@windstream.com
Curt Weber	City	441-7563	cweber@lincoln.ne.gov
Bill Dibbert	Engr. Services	441-8338	bdibbert "
Rick Bartek	City - Survey	441-7613	rbartek@Lincoln.ne.gov
Jon Brakeman	" "	441-7712	jbrakeman@lincoln.ne.gov
Randy Kreifels	Aquila	437-1215	randy.kreifels@aquila.com

PROFESSIONAL CIVIL ENGINEER
HOLLY S. LIONBERGER
E-10660
STATE OF NEBRASKA

City of Lincoln

Project Item Schedule

540009

Description: South St, 8th to 18th
Location: South St. 8th to 17th
Work Type: PAVEMENT REPAIR OR REHABILITATION
Road Type: ARTERIAL
Bid opening Date: 01/31/2007 AT 12:00 pm.

Project Items

Item Number	Quantity	Unit	Unit Price	Extension
	Section: 1 PAVING ITEMS			
01.0100	7.000	CY	$	$
Pavt & Sidewalk Rem				
01.0120	45.000	SY	$	$
6" Conc Base				
01.0140	1,035.000	TON	$	$
AC Surface Course, For Art				
01.0190	9.000	EA	$	$
Std Monument Box (In Place)				
01.0210	960.000	LF	$	$
Ty "A" Sawing				
01.0220	182.000	LF	$	$
Ty "B" Sawing				
01.0230	851.000	LF	$	$
Ty "C" Sawing				
01.0250	1,738.000	LF	$	$
Wheel Sawing				
06.0020	36.000	LF	$	$
Combined Curb & Gutter				

Item Number	Quantity	Unit	Unit Price	Extension
06.0040	340.000	LF	$	$
Conc Median Curb				
06.0050	14.000	EA	$	$
Conc Median Nose, (In Place)				
10.0010	128.000	TON	$	$
Crushed Rock Surfacing (In Place)				
50.0040	668.000	SY	$	$
Misc Remove Replace 9" Stamped & Dyed Conc. Pavt. (L3500)				
50.0040	555.000	SY	$	$
Misc Remove Repalce 9" Stamped & Dyed Conc. Pavt. (L5500)				
50.0045	6,385.000	SF	$	$
Misc 6" DYED & STAMPED CONC. MEDIAN SURFACING				
99.0302	13,501.000	SY	$	$
Rem & Repl 9" Conc Pavt, (L3500)				
99.0303	2,775.000	SY	$	$
Rem & Repl 9" Conc Pavt, (L5500)				
99.0402	2,172.000	SY	$	$
Rem & Repl 8" Conc Base, (L3500)				
99.0403	725.000	SY	$	$
Rem & Repl 8" Conc Base, (L5500)				
99.0501	7.000	HRS	$	$
72" Power Grinder				
99.0502	8.000	HRS	$	$
16" Power Grinder				
99.0504	12.000	HRS	$	$
Power Broom				
99.0505	5.000	HRS	$	$
Power Flusher				

Item Number	Quantity	Unit	Unit Price	Extension
99.0507	25.000	HRS	$	$
10 Cubic Yard Dump Truck				
99.0508	4.000	HRS	$	$
1/2 Cubic Yard Front-End Loader				
99.0509	4.000	HRS	$	$
3 Cubic Yard Front-End Loader				
99.0510	2.000	HRS	$	$
Air Compressor				
99.0601	2,330.000	LF	$	$
Rem & Repl 24" Comb Curb/Gutter				
99.0700	9,063.000	SF	$	$
Rem & Repl 6 " Conc Dr, Wk & Mdn (L3500)				
99.0701	3,031.000	SF	$	$
Rem & Repl 6" Conc Dr, Wk & Mdn (L5500)				
99.0704	455.000	SF	$	$
Rem & Repl 4" Conc Walk (L3500)				
			Section 1 Total:	$
Section: 2 STORM SEWER ITEMS				
21.0050	396.000	LF	$	$
48" RCP Storm Sewer, Cl III				
21.0060	484.000	LF	$	$
42" RCP Storm Sewer, Cl III				
21.0100	28.000	LF	$	$
18" RCP Storm Sewer, Cl III				
21.0110	576.000	LF	$	$
15" RCP Storm Sewer, Cl III				
21.0770	29.000	EA	$	$
72" Storm Sewer Inlet (Cmpl)				

Item Number	Quantity	Unit	Unit Price	Extension
21.0820	1.000	EA	$	$
Grate Inlet, Ty "F-1" (Cmpl)				
21.0880	5.000	EA	$	$
Storm Sewer MH, 42"-48" (Cmpl)				
21.0940	0.400	CY	$	$
Conc for Collars, Elbows & Hdwls (In Place)				
21.0950	50.000	LBS	$	$
Reinf Steel for Collars, Elbows & Hdwls (In Place)				
21.1040	10.000	EA	$	$
Convert Inlet to MH (Cmpl)				
21.1280	407.000	LF	$	$
Rem 30" Storm Sewer Pipe				
21.1290	248.000	LF	$	$
Rem 24" Storm Sewer Pipe				
21.1310	235.000	LF	$	$
Rem 18" Storm Sewer Pipe				
21.1320	411.000	LF	$	$
Rem 15" Storm Sewer Pipe				
21.1700	1.000	EA	$	$
Rem Storm Sewer MH (Cmpl)				
21.1710	21.000	EA	$	$
Rem Ex Inlet (Cmpl)				
21.1730	6.000	EA	$	$
Rem Ex Junction Box (Cmpl)				
			Section 2 Total:	$
Section: 3 WATER MAIN ITEMS				
20.0195	1,062.000	LF	$	$
Boring for 12" Water Main				

Item Number	Quantity	Unit	Unit Price	Extension
23.0005	10.000	LF	$	$
16" Water Main				
23.0006	6,231.000	LF	$	$
12" Water Main				
23.0008	411.000	LF	$	$
6" Water Main				
23.0210	1.000	EA	$	$
16" x 12" Tapping Sleeve & Valve, MJ				
23.0260	1.000	EA	$	$
12" x 12" Tapping Sleeve & Valve, MJ				
23.0280	1.000	EA	$	$
12" x 6" Tapping Sleeve & Valve, MJ				
23.0290	1.000	EA	$	$
12" x 4" Tapping Sleeve & Valve, MJ				
23.0430	16.000	EA	$	$
12" Butterfly Valve, MJ				
23.0460	23.000	EA	$	$
6" Gate Valve, MJ				
23.0490	1.000	EA	$	$
Hydrant, Cmpl L=5.5'				
23.0492	14.000	EA	$	$
Hydrant, Cmpl L=6.5'				
23.0510	132.000	EA	$	$
12" Retainer Glands, MJ				
23.0520	2.000	EA	$	$
8" Retainer Glands, MJ				
23.0530	79.000	EA	$	$
6" Retainer Glands, MJ				

Item Number	Quantity	Unit	Unit Price	Extension
23.0531	20.000	EA	$	$
4" Retainer Glands, MJ				
23.0544	15.000	EA	$	$
12" X 45 Deg Bend, MJ				
23.0546	11.000	EA	$	$
6" X 45 Deg Bend, MJ				
23.0560	4.000	EA	$	$
12" X 11.25 Deg Bend, MJ				
23.0578	1.000	EA	$	$
12" X 12" Tee, MJ				
23.0580	20.000	EA	$	$
12" X 6" Tee, MJ				
23.0582	2.000	EA	$	$
6" X 6" Tee, MJ				
23.0592	1.000	EA	$	$
6" Anchoring Elbow, MJ				
23.0594	25.000	EA	$	$
6" Anchoring Coupling, MJ (L=18")				
23.0606	1.000	EA	$	$
16" X 12" Cross, MJ				
23.0610	1.000	EA	$	$
12" X 12" Cross, MJ				
23.0624	2.000	EA	$	$
12" X 6" Reducer, MJ				
23.0625	5.000	EA	$	$
6" X 4" Reducer, MJ				
23.0638	4.000	EA	$	$
6" Offset, 24" Drop, MJ				

Item Number	Quantity	Unit	Unit Price	Extension
23.0646	4.000	EA	$	$
16" Solid Sleeve, MJ (L=15")				
23.0648	8.000	EA	$	$
12" Solid Sleeve, MJ (L=12")				
23.0650	1.000	EA	$	$
6" Solid Sleeve, MJ (L=12")				
23.0653	1.000	EA	$	$
8" Dual Purpose Sleeve, MJ (L=12")				
23.0654	4.000	EA	$	$
6" Dual Purpose Sleeve, MJ (L=15")				
23.0655	8.000	EA	$	$
4" Dual Purpose Sleeve, MJ (L=12")				
23.0660	1.000	EA	$	$
12" Plug, MJ				
23.0661	1.000	EA	$	$
8" Plug, MJ				
23.0663	1.000	EA	$	$
4" Plug, MJ				
23.0665	21.000	CY	$	$
Conc for Thrust Blocks & Anchorages (In Place)				
23.0670	755.000	LBS	$	$
Reinf Stl for Thrust Blks & Anchorages				
23.0685	35.000	EA	$	$
Reconstruct Water Service				
23.0710	81.000	LF	$	$
1" Copper Water Service Pipe				
23.0715	156.000	LF	$	$
0.75" Copper Water Service Pipe				

Item Number	Quantity	Unit	Unit Price	Extension
23.0735	36.000	LF	$	$
Boring For 1" Water Service Pipe				
23.0740	60.000	LF	$	$
Boring For 0.75" Water Service Pipe				
23.0930	5.000	LF	$	$
Rem 12" Water Main				
23.0940	10.000	LF	$	$
Rem 8" Water Main				
23.0950	20.000	LF	$	$
Rem 6" Water Main				
23.0955	30.000	LF	$	$
Rem 4" Water Main				
23.1100	5.000	EA	$	$
Rem Hydrant (Cmpl)				
50.0001	1.000	EA	$	$
Misc 12" x 4" REDUCER, M.J.				
50.0001	1.000	EA	$	$
Misc 12" Offset, 24" Drop, M.J.				
50.0015	1.000	LS	$	$
Misc ABANDONMENT OF EXISTING WATER MAIN				
			Section 3 Total:	$
Section: 4 TRAFFIC ITEMS				
24.0101	4.000	EA	$	$
Rem TS, Cmpl				
24.0102	14.000	EA	$	$
Rem SL, Cmpl				
24.0105	3.000	EA	$	$
Rem PB				

Item Number		Quantity	Unit	Unit Price	Extension
24.0110	Rem Cable	1,695.000	LF	$	$
24.0144	Rem SW Pole, Cmpl	1.000	EA	$	$
24.0225	Rel Metro Street Name Sign	14.000	EA	$	$
24.0226	Rel LED Sign	2.000	EA	$	$
24.0230	Rel Cable	159.000	LF	$	$
24.0521	Inst and Rem Temp TS, Cmpl	4.000	EA	$	$
24.0804	PB-6	2.000	EA	$	$
24.0807	PB-9	10.000	EA	$	$
24.0810	PB-FOR27	24.000	EA	$	$
24.0821	Riser, 2"	4.000	EA	$	$
24.0897	Conduit, 4" B	2,053.000	LF	$	$
24.0900	Conduit, 1/2" T	104.000	LF	$	$
24.0903	Conduit, 1 1/2" T	2,641.000	LF	$	$
24.0904	Conduit, 2" T	1,519.000	LF	$	$

Item Number		Quantity	Unit	Unit Price	Extension
24.0905	Conduit, 3" T	181.000	LF	$	$
24.0906	Conduit, 4" T	3,537.000	LF	$	$
24.0912	Cable, Coaxial	75.000	LF	$	$
24.0991	Cable, Camera Control	141.000	LF	$	$
24.0992	Cable, Emergency Detector	1,171.000	LF	$	$
24.0994	Cable, Camera Detector	1,679.000	LF	$	$
24.0997	Cable, Camera Power	75.000	LF	$	$
24.1002	Cable, 3/C TS	2,591.000	LF	$	$
24.1004	Cable, 5/C TS	265.000	LF	$	$
24.1005	Cable, 7/C TS	574.000	LF	$	$
24.1010	Cable, 12/C TS	1,679.000	LF	$	$
24.1025	Enclosure, 12 SC Port	1.000	EA	$	$
24.1031	Fiber Fan Out Kit, 12	10.000	EA	$	$
24.1033	Connector, SC (SM)	120.000	EA	$	$

Item Number		Quantity	Unit	Unit Price	Extension
24.1035		5,042.000	LF	$	$
	Fiber, 12 SM				
24.1040		9,905.000	LF	$	$
	Cable, Lead-In				
24.1050		11,636.000	LF	$	$
	Tracer Wire				
24.1054		2,060.000	LF	$	$
	Cable, No 6 Service				
24.1064		274.000	LF	$	$
	Cable, No 6 CG				
24.1065		5,294.000	LF	$	$
	Cable, No 8 CG				
24.1072		548.000	LF	$	$
	Cable, No 4 SL				
24.1073		10,072.000	LF	$	$
	Cable, No 6 SL				
24.1380		13.000	EA	$	$
	Ground Rod, 10'				
24.1458		3.000	EA	$	$
	SL Pole, SL-A-C-40-12T-5				
24.1503		16.000	EA	$	$
	Luminaire, 250W HPSV-SC				
24.1690		3.000	EA	$	$
	Detector, Vehicle 4 Turns				
24.1692		17.000	EA	$	$
	Detector, Vehicle 4 Turns UC				
24.5209		2.000	EA	$	$
	Inst MA Pole, MA-1				

Item Number	Quantity	Unit	Unit Price	Extension
24.5219	11.000	EA	$	$
Inst MA Pole, MA-2				
24.5222	1.000	EA	$	$
Inst MA Pole, MA-2 (MA>50')				
24.5801	14.000	EA	$	$
Inst TS, TS-1, T31				
24.5803	24.000	EA	$	$
Inst TS, TS-1, T36				
24.5804	1.000	EA	$	$
Inst TS, TS-1R, T38				
24.5805	3.000	EA	$	$
Inst TS, TS-1L, T37				
24.5806	1.000	EA	$	$
Inst TS, TS-1L, T32				
24.5807	2.000	EA	$	$
Inst TS, TS-1LL, T51B				
24.5818	2.000	EA	$	$
Inst Reduce Speed on MA				
24.5822	34.000	EA	$	$
Inst PS, PS-1, T13C				
24.6004	4.000	EA	$	$
Inst Cabinet, C				
24.6020	1.000	Ea.	$	$
Locate Stick				
24.6102	34.000	EA	$	$
Inst PPB				
24.6199	14.000	EA	$	$
Inst and Adj Detector Camera				

Item Number	Quantity	Unit	Unit Price	Extension
24.6204	9.000	EA	$	$
Inst and Adj Emergency Receiver				
24.6206	2.000	EA	$	$
Inst Traffic Monitoring Camera				
24.6208	8.000	EA	$	$
Radio Antenna Hardware				
50.0001	7.000	EA	$	$
Misc REMOVE LUMINAIRE				
50.0001	1.000	EA	$	$
Misc RISER, 3"				
50.0001	7.000	EA	$	$
Misc LUMINAIRE, 250W HPSV SC BLACK				
50.0001	7.000	EA	$	$
Misc PAINT POLE BLACK				
50.0001	1.000	EA	$	$
Misc PAINT VEHICLE BARRIER BLACK				
50.0001	9.000	EA	$	$
Misc STREET LIGHT POLE, SL-A-C-40-12T-5-0.25-SC BLACK				
50.0001	1.000	EA	$	$
Misc INSTALL TRAFFIC SIGNAL TS-1L, T33				
50.0001	27.000	EA	$	$
Misc PEDESTRIAN LIGHT POLE				
50.0001	27.000	EA	$	$
Misc LUMINARE, 100W, MH				
50.0001	2.000	EA	$	$
Misc ADJUST PULL BOX TO GRADE				
50.0001	1.000	EA	$	$
Misc RELOCATE TRAFFIC MONITORING CAMERA				
			Section 4 Total:	$

Item Number	Quantity	Unit	Unit Price	Extension
Section: 5 MARKING ITEMS				
13.0180	1,224.000	LF	$	$
Tplastic (Molten) Mkg, 4" Y				
13.0200	497.000	LF	$	$
Tplastic (Molten) Mkg, 4" W				
13.0430	1,254.000	LF	$	$
Polyurea Mkg, 4" Y				
13.0431	3,100.000	LF	$	$
Polyurea Mkg, 4" W				
13.0434	1,873.000	LF	$	$
Polyurea Mkg, 12" W				
13.0436	210.000	LF	$	$
Polyurea Mkg, 24" W				
14.0001	35.000	EA	$	$
Traffic Sign, < 4 Sq Ft				
14.0003	30.000	EA	$	$
Traffic Sign, 4 Sq Ft < 9 Sq Ft				
14.0005	3.000	EA	$	$
Traffic Sign, 9 Sq Ft or >				
14.0007	321.000	LF	$	$
"U" Channel Sign Posts				
			Section 5 Total:	$
Section: 6 MISC. ITEMS				
0.4000	1.000	LS	$	$
Mobilization				
08.0010	948.000	LBS	$	$
Reinf Stl for Steps & Retain Walls (In Place)				

Item Number		Quantity	Unit	Unit Price	Extension
08.0020	Conc for Steps & Retaining Walls (In Place)	18.000	CY	$	$
15.0001	Traffic Ctrl for Const	1.000	LS	$	$
				Section 6 Total:	$
	Section: 7 WASTE WATER ITEMS				
22.0700	Std MH, Ty "S"	3.000	EA	$	$
22.0710	Std MH, Ty "S"	16.300	VF	$	$
22.0780	Rem Sanitary Sewer MH (Cmpl)	3.000	EA	$	$
				Section 7 Total:	$
	Section: 8 Erosion Control Items				
32.0070	Inst Storm Drain Inlet Protection	30.000	EA	$	$
32.0080	Storm Drain Inlet Protection Maint	30.000	EA	$	$
				Section 8 Total:	$
				Estimate Total:	$

Company Name: _____

Signature: _____ **Date:** _____