

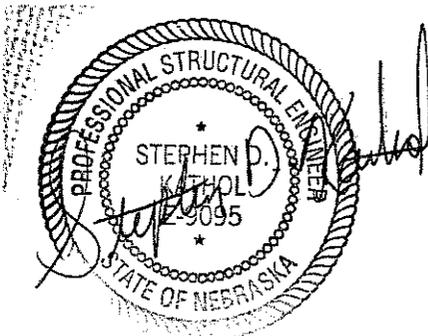


ADDENDUM NO. 1
City of Lincoln
"O" Street, 2nd Street to 9th Street (Harris Overpass)
Bridge C.I.P. #701781
State Project BR-5266(1) CN 12572
SPEC. NO. 07-186
June 19, 2007

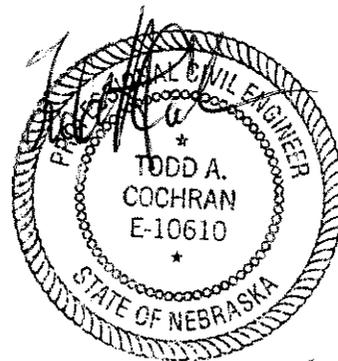
TO ALL PROSPECTIVE BIDDERS:

Note: Bidders are instructed to attach this page of Addendum No. 1 to the inside cover of the contract folder and to sign and fax to Mary Lowe (402-441-6576), as evidence that this Addendum No. 1 has been received. Failure to do so may result in the rejection of the Bid.

Company/Contact Person



6/15/07



6-15-07

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1. STORM SEWER PIPE QUANTITY MODIFICATIONS

The following revisions have been made:

- The quantities for 15” and 18” RCP Storm Sewer, Cl. III have been modified

The following plan sheets have been revised to include this revision:

- Sheet numbers 1, 2, 59

The following quantities have been modified:

Item Number	Item	Old Quantity	New Quantity	Quantity Differential
21.0100	18” RCP Storm Sewer, Cl. III	445 L.F.	484 L.F.	+39 L.F.
21.0110	15” RCP Storm Sewer, Cl. III	255 L.F.	66 L.F.	-189 L.F.

2. 12” RCP STORM SEWER, CL. III

The following revisions have been made:

- The item 12” RCP Storm Sewer, Cl. III has been added to the plans.

The following plan sheets have been revised to include this revision:

- Sheet number 59

The Specifications have been modified to include the item 12” RCP Storm Sewer, Cl. III in Group 4 of the special provisions with the following language:

-----Begin Section in Special Provisions-----

12” RCP STORM SEWER, CL. III

12” RCP Storm Sewer, Cl. III shall conform to the materials, construction methods, measurement and payment as described in chapter 21 and all other chapters referenced therein of the 2006 City of Lincoln Standard Specifications for Municipal Construction.

-----End Section in Special Provisions-----

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The following quantities have been modified:

- The quantity for 12” RCP Storm Sewer, Cl. III is a new item and the following quantity has been added to the plans:

Item Number	Item	Old Quantity	New Quantity	Quantity Differential
50.0005	12” RCP Storm Sewer, Cl. III	N/A	150 L.F.	N/A

3. 9TH AND “O” STREET INTERSECTION CONSTRUCTION PHASING

The third sentence in the first paragraph in the section entitled, “9th and “O” Street Intersection Construction Phasing” shall be completely removed from the documents and replaced with the following:

----- Begin Sentence-----

During weekend work as previously defined, the Contractor shall maintain at least two lanes of open thru traffic.

----- End Sentence -----

4. COPING

Revisions have been made to the plans to separate the coping which is essentially integral to the reinforced paving from the stand-alone type of coping.

The following plans have been revised:

- Plan sheets number 11 and 14

The following revisions have been made to the plans:

- Sheet 11 - A tabulation on sheet number 11 has been created with the heading “Integral Coping (Subsidiary)”
- Sheet 14 - the 9” Reinforced Concrete Pav’t and Concrete Coping on Roadway detail has been modified to show the portion of the detail considered Integral Coping (Subsidiary)

The Special Provisions shall be modified to include a new section under Group 9 as follows:

----- Begin Section in Special Provisions-----

INTEGRAL COPING (SUBSIDIARY)

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Integral Coping (Subsidiary) shall be constructed according to the special details in the plans and according to the description, material requirements, and construction methods in section 714, and all other sections referenced therein, of the 2007 Nebraska Department of Roads Standard Specifications for Highway Construction. Integral coping shall not be measured or paid for separately, but shall be considered subsidiary to items for which payment is made.

----- End Section in Special Provisions-----

The following quantities have been modified:

Item Number	Item	Old Quantity	New Quantity	Quantity Differential
50.0005	Coping	971 L.F.	516 L.F.	-455 L.F.

5. LEVELING PAD QUANTITY CORRECTION

A correction to the bid item Leveling Pad has been made to the plans.

The following plans have been revised:

- Plan sheets number 3 and 11

The following changes have been made to the plans:

- Sheet 3 – the quantity has been corrected in the Summary of Quantities
- Sheet 11 – 2 line items in the tabulation for the Leveling Pad have been corrected

The following quantities have been modified:

Item Number	Item	Old Quantity	New Quantity	Quantity Differential
50.0005	Leveling Pad	961 L.F.	872 L.F.	-89 L.F.

6. HAULING CONTAMINATED SOIL

The following revisions have been made:

- The bid item “Hauling Contaminated Soil” has been added to the plans.

The following plan sheets have been revised to include this revision:

- Sheet number 2

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The following quantities have been modified:

- The following new bid item has been added to the plans

Item Number	Item	Old Quantity	New Quantity	Quantity Differential
50.0035	Hauling Contaminated Soil	N/A	735 Tons	N/A

A new section for Hauling Contaminated Soils shall be added to the Special Provisions:

----- Begin Section -----

HAULING CONTAMINATED SOIL

The bid item Hauling Contaminated Soil shall cover excavated contaminated soil as described in the revised special provision “Contaminated Materials”, per Addendum 1. If contaminated soils are discovered, the Contractor shall discontinue work in the area and notify the Contract Administrator who will conduct necessary testing to assess the level of contaminants. If it is deemed necessary and if directed by the Contract Administrator, the contractor shall haul away excavated materials to the City of Lincoln landfill. If it is determined that the contaminated materials cannot be disposed of in the City of Lincoln landfill, the unit price for hauling and disposing the materials at an appropriate disposal facility will be negotiated as extra work.

Contractor shall provide, haul and place backfill material in conformance with the Specifications and Special Provisions.

Hauling Contaminated Soil shall be measured per ton and shall be full compensation for hauling, disposal and/or landfill fees, backfilling with suitable material, and all labor, tools, equipment and all other incidentals necessary to complete the work.

----- End Section -----

7. STREET LIGHT NOTES ON PLAN SHEETS 73 AND 81

The following plans have been revised:

- Plan sheets number 73 and 81

The following corrections shall be made to the plans:

Plan Sheet 73: Note "Street Light Pole "B" (Relocated) - Sta. 8+24, 38' Lt." on sheet 73 shall be revised to read "Street Light Pole "C" (Relocated) - Sta. 8+24, 38' Lt."

Plan Sheet 81: Note "Street Light Pole "B" (Relocated) - Sta. 8+24, 38' Lt." on sheet 81 shall be revised to read "Street Light Pole "C" (Relocated) - Sta. 8+24, 38' Lt."

No quantities are affected by these sheet note changes.

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8. SPECIAL STREET LIGHT TYPE “A” AND TYPE “F” IN SPECIAL PROVISIONS

The lamp catalog numbers for Special Street Light Type “A” and Special Street Type “F” shall be modified in the Special Provisions as follows:

- Special Street Light, Type “A” catalog number “GVU 175MH 24 N S N S N” shall be replaced with the catalog number “GVU 175MH 24 N 3 N S N”
- Special Street Light, Type “F” catalog number “GVU 175MH 24 N S N S N” shall be replaced with the catalog number “GVU 175MH 24 N 3 N S N”

9. BID FORM

A revised bid form incorporating the above revisions is attached and shall replace the previous bid form in the Contract Documents.

10. CORE-OUT OPTION FOR INTERMEDIATE FOUNDATION IMPROVEMENTS

The option to core-out the existing soil and replace with backfill described in the special provision “Intermediate Foundation Improvements” does not apply and shall not be used to the improvements required at the east end of the project.

11. STATUS OF RIGHT-OF-WAY

The Contractor shall not be allowed access to the Burlington Santa Fe Railway tracts until the City of Lincoln has full rights to access the property. The Contractor shall not conduct construction activities on tracts 9, 10, and 12 until notice is given to the Contractor. A condemnation hearing was held June 8, 2007 and a decision was issued by the panel. Fees and court costs are pending and will be paid into court once final costs are identified.

12. CONTAMINATED MATERIALS

The Special Provision “Contaminated Materials” on page 105 shall be deleted in its entirety and replaced with the following:

----- Begin Section -----

CONTAMINATED MATERIALS

Limited environmental soil and groundwater sampling and testing was performed for portions of the project area. Copies of the report are available for review and can be

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requested through the City of Lincoln Engineering Services Department. These tests have identified potential for certain contaminants within the project area. Soil samples were screened and tested for Volatile Organic Compounds (VOC's), Total Extractable Hydrocarbons (TEH) and Polychlorinated Biphenyls (PCB's). Groundwater samples were screened and tested for Volatile Organic Compounds (VOC's), Semi-Volatile Organic Compounds (SVOC's) and Total Extractable Hydrocarbons (TEH). These tests have detected and identified some concentration of these contaminants in some locations throughout the project site.

Based on the laboratory analytical results contained within the environmental sampling report, contaminant concentrations appear to be below action levels used for evaluating risk to human health from direct contact with impacted materials. The apparent health risk issue for construction workers conducting subsurface activities at certain locations is potential exposure to volatile organic hydrocarbons through vapor inhalation. The Contractor shall develop a health and safety plan for construction activities located in contaminated areas. The plan shall be developed based on the results contained in the environmental sampling report and should include air monitoring for organic vapors. The Contractor shall submit the health and safety plan to the Contract Administrator for review prior to the Contractor beginning any excavation activities.

The environmental sampling report indicates that materials excavated at Abutment No. 1 and Pier No 5, 10 and 14 (Prestressed “I” Girder alternate) or Abutment No. 1 and Pier No. 4, 9 and 13 (Welded Plate Girder alternate) may contain higher levels of contaminants. If contaminated soils are discovered, the Contractor shall discontinue work in the area and notify the Contract Administrator who will conduct necessary testing to assess the level of contaminants. If it is deemed necessary and if directed by the Contract Administrator, the contractor shall haul away excavated materials to the City of Lincoln landfill. The cost of landfill fees, backfilling with suitable backfill material, hauling all material, labor and equipment shall be paid for under the bid item “HAULING CONTAMINATED SOILS”. If it is determined that the contaminated materials cannot be disposed in the City of Lincoln landfill, the unit price for hauling and disposing the materials at an appropriate disposal facility will be negotiated as Extra Work. If some contamination is discovered but the excavated soils are deemed acceptable as determined by the Contract Administrator, or if no contamination is discovered, the excavated material may be used as backfill and will be paid for under the appropriate Abutment or Pier Excavation bid item.

The contractor shall become familiar with the available Geotechnical Engineering Report and assess the need and potential for dewatering activities associated with groundwater at identified contaminated locations. If dewatering is required, and the groundwater extracted contains contamination, the groundwater shall be collected and stored in an appropriate container and disposed of properly on a periodic basis. The Contractor shall

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provide an oil-water separator, as necessary, during dewatering activities. Payment for disposal of groundwater if required will be paid for as Extra Work.

If contaminated soils, contaminated groundwater, free product as liquid or vapor or unexpected subsurface conditions are encountered in excavated areas in addition to those listed above, the contractor shall immediately notify the Contract Administrator and discontinue work in the area until notified to resume work. The Contract Administrator will conduct necessary testing and assessment of the contaminated material at no cost to the contractor. After testing and assessment is complete, the Contract Administrator will notify the Contractor of appropriate handling and if disposal of the material is necessary. The contractor shall proceed with work in other areas outside the contaminated area while the Contract Administrator assesses the type and extent of contamination. No additional payment, changes in schedule, or extension of completion dates for stand-by time will be allowed. If it is deemed necessary, and if directed by the Contract Administrator, the contractor shall haul away excavated materials to an appropriate disposal facility. The cost of landfill fees, backfilling with suitable backfill material, hauling all material, labor and equipment shall be paid for at the unit price for “HAULING CONTAMINATED SOILS”.

The City has obtained an NPDES general permit. Copies of the permit are available upon request. The contractor shall comply with all federal, state, and local worker safety requirements for conducting work in areas with contamination. Time and costs for Contractor to obtain necessary training and certifications to work in areas with contamination shall be made at the sole cost to the contractor. No allowances for changes in schedules, completion dates, or payment shall be made except as noted elsewhere.

----- End Section -----

13. MECHANICALLY STABILIZED EARTH WALLS WITH CONCRETE FACING PANELS

The Special Provision “Mechanically Stabilized Earth Walls With Concrete Facing Panels ” on page 35 shall be deleted in its entirety and replaced with the following:

----- Begin Section -----

MECHANICALLY STABILIZED EARTH WALLS WITH CONCRETE FACING PANELS

The following items associated with the construction of mechanically stabilized earth (MSE) walls shown in the contract bid schedule shall conform to the description, material

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requirements, construction methods, and basis of payment according to the 2007 Nebraska Department of Roads Standard Specifications for Highway Construction and applicable supplemental specifications, specifically, but not limited to, Section 714 and all referenced sections therein:

Coping
Concrete Leveling Pad
Concrete Face Panels
Select Granular Backfill for MSE Walls

In addition to the standard specifications referenced above, the Contractor shall refer to the special provision titled “INTERMEDIATE FOUNDATION IMPROVEMENTS AND INTERMEDIATE FOUNDATION IMPROVEMENTS VERIFICATION PROGRAM” when designing and constructing the MSE walls.

Paragraph 9.b of Section 714 of the Standard Specifications for Highway Construction is void and superseded by the following:

Intermediate foundation improvements are required as detailed in the special provision “INTERMEDIATE FOUNDATION IMPROVEMENTS AND INTERMEDIATE FOUNDATION IMPROVEMENTS VERIFICATION PROGRAM”. The purpose of the intermediate foundation improvements is to control settlement, increase the allowable bearing capacity, and improve global stability beneath the proposed MSE Walls and proposed fill areas. Therefore, the allowable bearing capacity of the underlying soils is dependent upon the design of the Intermediate Foundation Improvements. The MSE wall supplier shall closely coordinate the soil design parameters with the Intermediate Foundation Improvement supplier. Maximum settlement criteria is provided in the special provision “INTERMEDIATE FOUNDATION IMPROVEMENTS AND INTERMEDIATE FOUNDATION IMPROVEMENTS VERIFICATION PROGRAM” and should also be closely coordinated with the supplier of the Intermediate Foundation Improvement and the MSE wall shall be designed accordingly.

The geotechnical engineering report is available upon request from the City. The MSE wall supplier shall obtain and become familiar with the information contained in this report. As noted in the report, the MSE wall will meet global stability requirements based on a maximum embankment height of 24.5 feet at the west end and a maximum embankment height of 14.5 feet at the east end and a reinforcement length of 0.7 times the height of the wall. If the design of the MSE wall falls outside of these parameters, the MSE wall supplier shall repeat the global stability analysis to ensure external stability.

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Paragraph 9.e of Section 714 of the Standard Specifications for Highway Construction is amended to include the following:

The Select Granular Backfill Internal Friction Angle is specified 34 degrees according to AASHTO T 236 on samples compacted to 95 percent density according to ASHTO T 99. If the vendor’s design uses a friction angle less than 34 degrees, this lower value shall be taken as the minimum required and the vendor shall provide certified documentation to state the design parameter.

During construction of the MSE wall, a representative of the wall manufacturer shall be on site to observe and approve the construction of at least the first 3 courses of the MSE wall at each abutment. The wall manufacturer’s representative must have authority and technical expertise to approve proper construction of the MSE wall.

Concrete face panels shall be textured. Texture pattern shall be ashlar stone texture. Work required to construct face panel texture such as labor, tools, equipment, and all other incidentals shall not be paid for separately but shall be subsidiary to the item Concrete Face Panels.

----- End Section -----

14. PRE-BID MEETING NOTES AND QUESTIONS AND ANSWERS

Pre-Bid meeting notes and a pre-bid meeting attendee list are attached and shall be considered as part of this addendum. The following are questions asked at the pre-bid meeting along with answers:

Question 1:

Why wasn’t the contaminated soil handled on a case-by-case basis instead of calling for certain excavation.

Answer to Question 1:

The environmental sampling report predicted higher contaminant levels at certain locations. At these locations, the soil was specified to be removed. However, we will re-examine this issue. *Subsequently, the special provision Contaminated Materials was revised and the bid item Hauling Contaminated Soil was added per Addendum 1.*

Question 2:

Is the parts per million (ppm) pertaining to contamination specified in the documents?

Answer to Question 2:

The ppm is described in the environmental sampling report. A pdf copy of the report is on the CD given to plan holders.

Question 3:

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How is contaminated soil disposal for the core-out option of soil improvements paid?

Answer to Question 3:

Contaminated soil disposal for the core-out option for the foundation improvements shall be a part of the cost for the item “Intermediate Foundation Improvements” and shall be the responsibility of the Contractor and not paid for as extra work.

Question 4:

Is there a cost available from the railroads for an additional track crossing?

Answer to Question 4:

The BNSF Railroad Company has estimated that the cost of installing and removing temporary crossings may be around \$2,000 per lineal foot. This number is a rough estimate only and is not based on any design.

Question 5:

The specifications call out a \$50,000 fine per incident for track delays outside of work windows. With the radius of operation defined as 200 miles, will the railroads provide the Contractor with a maximum amount of delay cost?

Answer to Question 5:

There is no overall maximum amount for train delay fines, as this depends on the extent and number of incidents.

Question 6:

Is the coping a separate item at the bridge or is the coping quantity integral with the pavement?

Answer to Question 6:

See Item Number 4, Coping above.

Question 7:

Where are the dimensions for the entrance marker?

Answer to Question 7:

Entrance marker details are shown on sheet 20. Further marker details and dimensions are furnished on sheet 256.

Question 8:

Is the cast-in-place concrete finish an NDOR rubbed finish?

Answer to Question 8: All cast-in-place concrete, except the bridge deck, shall have the “Ordinary Surface Finish” specified in Section 704 of the 2007 NDOR Standard Specification for Highway Construction. All typical defects shall be repaired as specified. If unusually large holes, honeycombs, cracks or other defects exist in the concrete surface along the visible pedestrian areas, the Contract Administrator has the option to direct the Contractor to repair the surface using a “Rubbed Finish” as defined in

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Section 704 of the 2007 NDOR Standard Specification for Highway Construction. Any surfaces requiring a Rubbed Finish for repair shall be at the expense of the Contractor.

Question 9:

Can the Contractor compensate for structural backfill material behind the MSE walls which does not conform to the prescribed friction angles by extending the structural tie-backs?

Answer to Question 9:

See section in Addendum #1 titled **MECHANICALLY STABILIZED EARTH WALLS
WITH CONCRETE FACING PANELS**

Question 10:

Who is testing the backfill?

Answer to Question 10:

The City of Lincoln will be responsible for all material testing on this project.

Question 11:

Is the cap for the paving included in the earthwork quantity?

Answer to Question 11:

Attached to this addendum is a sketch showing the methodology used to measure the earthwork and the structural backfill for the bid item quantities shown on the bid form. This sketch is for measurement information only and shall not be the basis for design. The Contractor is responsible for providing the MSE wall design.

Question 12:

The June 6, 2008 completion date for the parking under the bridge could be a very tight date for the Contractor to accomplish if there are weather delays, etc. Is there a cap on the quantity of the high-early strength concrete the Contractor can use? Will the City of Lincoln allow flyash for subgrade stabilization?

Answer to Question 12

The primary intent for the use of 9” High-Early Strength Concrete is to reestablish traffic movements at critical areas of the project such as at the 9th and “O” Street intersection. Use of 9” high-early strength concrete outside of use for the 9th and “O” Street intersection phasing should be requested by the Contractor for approval by the City. The City will evaluate its use on a case-by-case basis depending on the schedule and situation. The City will allow flyash for use in subgrade preparation if needed. The City will negotiate a price during construction as conditions require.

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Question 13:

Will the attendee list be made available to the bidders?

Answer to Question 13:

A copy of the sign-in sheet for the pre-bid meeting is attached to this addendum.

Question 14:

What are the track numbers?

Answer to Question 14:

Track numbers are not shown in the plans. Tracks are described in the documents by proximity to the piers.

Question 15:

Are railroad crossings paid by the City?

Answer to Question 15:

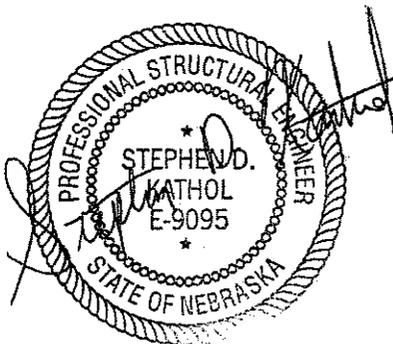
3 crossings have been paid for by the City of Lincoln. Any further crossings shall be paid by the Contractor. Contractor will have to coordinate price with the railroads.

Question 16:

Is the gated crossing considered one of the 3 crossings previously mentioned?

Answer to Question 16:

Yes. But that gates and fencing will be paid for as specified in the special provision Temporary Access Fence With Dual-Hinged Gate.



6/15/07



6-15-07



HARRIS OVERPASS

PRE-BID MEETING
10:00 – 12:00 P.M. JUNE 7, 2007
LINCOLN WASTEWATER TRAINING ROOM
2400 THERESA STREET

SIGN-IN SHEET

NAME	COMPANY	CONTACT E-MAIL	SIGNATURE
GARY SANDQUIST	UNITED CONTRACTORS, Inc.		<i>Gary Sandquist</i>
CHUCK KADLECZEK	UNITED CONTRACTORS, Inc.	chuckkadleczeck@unitedcontractors.net	<i>Chuck Kadleczeck</i>
MIKE JEFFRIES	United Contractors, Inc.	mikejeffries@unitedcontractors.net	<i>Mike Jeffries</i>
TONY RATHBUN	FLATIRON CONSTRUCTORS	TRATHBUN@FLATIRONCORP.COM	<i>Tony Rathbun</i>
NICK GRAEBEL	HAWKINS	ngraebel@hawkinsl.com	<i>Nick Graebel</i>
TER BUTLER	HAWKINS	tbutler@hawkinsl.com	<i>Ter Butler</i>
KRIS HUMPHREY	PWTU	khumphrey@lincoln.neg	<i>Kris Humphrey</i>
LARRY KATHOL	LES	lkathol@les.com	<i>Larry Kathol</i>
Jeff Haase	TSA	jhaase@schemmer.com	<i>Jeff Haase</i>



HARRIS OVERPASS

PRE-BID MEETING
10:00 - 12:00 P.M. JUNE 7, 2007
LINCOLN WASTEWATER TRAINING ROOM
2400 THERESA STREET

SIGN-IN SHEET

NAME	COMPANY	CONTACT E-MAIL	SIGNATURE
Michelle Backemeyer	CITY RE	mBackemeyer@LINCOLN.NE.gov	Michelle Backemeyer
Clint Thomas	"	CTThomas@LINCOLN.NE.gov	Clint Thomas
Bruce Sweeney	City - Engr. Services	bsweeney@lincoln.ne.gov	Bruce W. Sweeney
Doug Mohrman	Concrete Industries	doug77@concreteindustries.com	Doug Mohrman
Gary Walsh	LLCHD	gwalsh@lincoln.ne.gov	Gary Walsh
Karla Welding	City / Solid Waste	kwelding@lincoln.ne.gov	Karla M. Welding
Greg Topil	City Eng.	gtopil@lincoln.ne.gov	Greg Topil
Roger R. Tiedeman	Public Works Maint.		Roger R. Tiedeman
Darin Biessecker	Public Works Utilities	dbiessecker@lincoln.ne.gov	Darin Biessecker



HARRIS OVERPASS

PRE-BID MEETING
10:00 - 12:00 P.M. JUNE 7, 2007
LINCOLN WASTEWATER TRAINING ROOM
2400 THERESA STREET

SIGN-IN SHEET

NAME	COMPANY	CONTACT E-MAIL	SIGNATURE
Andy Radler	Eng Ser.	aradler@lincoln.ne.gov	<i>Andy Radler</i>
Wayne Burcham	" "	wburcham@lincoln.ne.gov	<i>Wayne Burcham</i>
Don Briggs	FHWA	DANNY.BRIGGS@DOT.GOV	<i>Don Briggs</i>
MARK TRAMONCE	NDOR	marktramonce@dot.state.nv.us	<i>Mark Tramonce</i>
Cuba MUEHLER	NDOR	cmuehler@dot.state.nv.us	<i>Cuba Muehler</i>
ERNEST MURILLO	NDOR		<i>Ernest Murillo</i>
LARRY DWENSONG	Eng. Ser.	ldwensong@lincoln.ne.gov	<i>Larry Dwensong</i>
Raitis TIGERIS	NDOR	raitistigeris@dot.state.nv.us	<i>Raitis Tigeris</i>
John MILLER	"	"	<i>John Miller</i>



HARRIS OVERPASS

PRE-BID MEETING
10:00 – 12:00 P.M. JUNE 7, 2007
LINCOLN WASTEWATER TRAINING ROOM
2400 THERESA STREET

SIGN-IN SHEET

NAME	COMPANY	CONTACT E-MAIL	SIGNATURE
Ed Stevens	Time Warner	Ed.Stevens@TWable.com	
LeRoy Meints	LWS		
Ken Smith	PWC	KetSmith@lincoln.ne.gov	
Randy Kreifels	Aquila	randy.kreifels@aquila.com	
DARRIN WORRELL	AQUILA	darrin.worrell@aquila.com	
KEN ADAMS	WINDSTREAM	charles.adams@windstream.com	
Steve Kathol	Schemmer	SKathol@schemmer.com	
Doug Holle	Schemmer	Dholle@schemmer.com	
Todd Cochran	"	Tcochran@schemmer.com	



HARRIS OVERPASS

PRE-BID MEETING
10:00 – 12:00 P.M. JUNE 7, 2007
LINCOLN WASTEWATER TRAINING ROOM
2400 THERESA STREET

MEETING SUMMARY NOTES

I. INTRODUCTIONS

II. PROJECT OVERVIEW

- a. Construction Limits
 - 2nd street to 9th Street
 - Similar touchdown points as existing bridge
- b. Pavement Construction
 - Approaches on both ends
 - Asphalt access road in UP property
- c. Parking Lot Construction
 - Total reconstruction of the parking area below the bridge. Partial reconstruction of Lumberworks parking lot
- d. Utility Construction
 - Storm Sewer work
 - Water main work (additional hydrants, relocation of watermain in frontage road)
 - Sanitary sewer reconstruction beneath two columns and around a third
- e. Bridge Construction
 - 1886 feet CL Abutment to CL Abutment structure length
 - Crosses 7 UPRR and 16 BNSF track (depending on how you count them). 3 mainline tracks and 1 passenger line track.
 - Passes over Historic Haymarket District from midway between 8th and 9th on the east and 7th street on the west.
- f. Alternate Bids
 - Prestressed Concrete I- Girder (NU1600) and Welded Plate Girder alternates are included
 - Prestressed Concrete I-Girder – 15 spans
 - Welded Plate Girder- 14 spans
 - Group 15 bridge items and Group 7 Street Light Only items contain bid items for each alternate. The remaining bid item groups contain bid items applicable to either alternate.

- Contractors encouraged to develop bids for both alternates, but only submit the lowest bid.
- g. Existing Plans, Soils Report and Environmental Report Availability
- Available on CD from the City.

III. PRIVATE UTILITY CONSTRUCTION

- Windstream is relocating a fiberoptic duct bank north of "O" East and west of 3rd Street
- Windstream has an overhead line along the east side of 8th Street which needs relocated
- The existing conduit on the bridge will be abandoned and removed as part of the bridge demo
- LES has the overhead transmission main along 8th Street
- Time Warner relocated an underground cable in 8th Street
- Aquila will relocated a 2" gas main along the frontage road

IV. SITE ACCESS

- a. Status of Temporary Easement Acquisition
- All temporary easements acquired except the BNSF easement. A condemnation meeting is scheduled for Friday.
- b. Staging Areas
- Set aside a staging area east of the passenger line between 'N' and 'O'
- c. Contractor's use of Lumberworks Parking Lot
- Not a staging area.
- d. Railroad Construction Crossings
- Temporary construction permits have been submitted to BNSF to provide access across the track between piers 5 and 10 (concrete alternate) or Piers 4 and 9 (steel alternate)- awaiting approval from BNSF
 - Contractor shall enter into agreement with BNSF for use of temporary crossings and secure applicable insurance.
 - Crossing will be installed by BSNF. Cost for identified crossings will be paid for by the City
 - Any additional crossings desired will be paid for by the contractor.
 - Gate and fencing requirements on west side of staging area to prevent trespassing of vehicles across temporary rail crossing

V. RAILROAD REQUIREMENTS

- a. Right of Entry Agreement
- Before beginning work on RR property, must contact BNSF 30 days in advance and enter into right-of-entry agreement with UPRR.
- b. Utility/Fiber optic line coordination
- During design we worked with RR's to identify utility locations. However, Contractor is responsible for working with each RR company to identify and verify utility and fiber optic line locations.
- c. UPRR Track Condition
- UPRR tracks are out of service and are expected to remain out of service during the duration of the project.
- d. UPRR Access Road

- Description of location and work
- e. UPRR Signboard
 - Contractor shall not disturb the existing billboard at the west end of UP's property
- f. BNSF Track Condition
 - 3 mainline tracks and 1 passenger line with approximately 88 freight trains and 2 passenger trains per day.
- g. BNSF Work Windows
 - 2-3 hour windows.
 - Work windows may not be allowed in the 4th Quarter
- h. Flagging
 - Flagging will be required on BNSF tracks
 - Flagging is not anticipated on UPRR tracks- If it is necessary flagging cost will be paid directly by the City
 - Allowance of \$240,239 has been established to pay for flagging costs. Flagging costs within this allowance will be paid directly by the City. Flagging costs exceeding this value will be deducted from the amount due to the contractor. If the total flagging cost is less than the allowance, the City will split the difference with the contractor.
- i. BNSF Communication Line
 - Point out location of line
 - Line must not be compromised
- j. Amtrak Coordination
 - Coordinate with Amtrak for work items affecting their operations

VI. PROJECT REQUIREMENTS

- a. Anticipated NTP Date
 - August 10, 2007
- b. Road Closure Date
 - November 12, 2007
- c. Phase I Completion Date
 - Limits of Phase I- bridge portions east of pier 9 (steel alternate) or pier 10 (concrete alternate) as required to safely restore traffic and pedestrians below the bridge.
 - Concrete coating, installation of special street light, type C and installation of pavement markings can be completed later.
 - Phase I completion date- June 6, 2008
 - \$3500/day incentive/disincentive for Phase 1
- d. Phase II Completion Date
 - All remaining work necessary to restore 4 lanes of traffic and pedestrian access on "O" street.
 - Includes reconstruction of BNSF and UPRR access roads.
 - Pedestrian lighting in barrier rail is optional for this phase
 - Phase II completion Date- November 12, 2008
 - \$11,000/day incentive/disincentive for Phase 2
 - Maximum incentive for phase I and Phase II combined is \$700,000
- e. Ancillary Work Phase Completion Date

- All remaining work (staining below deck, seeding/sodding, project clean-up, restoration of RR's property)
- Completion date- May 30, 2009
- f. Liquidated Damages
 - \$2000/day for each phase
- g. 9th/⁰' Street Phasing
 - Work over three consecutive weekends
 - Friday 9:00 a.m. to Monday 6:00 a.m.
 - Two lanes must remain open during weekend work
 - All through lanes open all other times
- h. Lane Rentals
 - \$2350 per lane per day for lane closures not permitted by these specification
- i. LES High Voltage Line Shutdown
 - Not allowed from May through September
 - Maximum notice appreciated but no less than 5 days notice for request to deenergize
- j. Soil Improvements
 - Existing compressible soil layers on each bridge approach
 - Intermediate foundation improvement designed by contractor to meet tolerances in specifications
 - No vibratory equipment related to this process is allowed in the haymarket area
- k. Covered Pedestrian Walkways
 - Required to allow pedestrians to cross "O" Street safely and access adjacent businesses
- l. Protection of historic brick and curbs
 - Barriers required
- m. Project Environment- Haymarket Buildings- Load Conditions
 - All Haymarket building have basements
 - Loads within 6 feet of building shall not exceed 100 pounds per square foot.
 - Loads between 6 feet and 25 feet shall not exceed legal highway loads as defined by the State of Nebraska
 - Higher loads within these limits may be possible but shall be verified by a professional engineer licensed in Nebraska. Maximum load is dependent on load magnitude, footprint, and distance from the building.
- n. Dust control and debris handling
 - Contractor shall make efforts to control dust and debris from escaping the project limits per Health Department requirements
- o. Fiberglass Conduit System
 - The bid is to provide installation and materials
 - United Fiberglass materials are listed, however, other manufacturers make products to satisfy the requirements.
 - Paid from Junction Box to Junction Box
 - Does not include the fiber optic cable and sock to go in one of the conduits
- p. Weather Station

- City will supply the pole, exact length not known
 - City will provide the components and cables,
 - Contractor responsible to mount the components on the pole
- q. Lighting Control System
- Metered lighting system only
 - Photocell controlled
- r. Signal Controller Replacement at 9th/"O" Street
- Review the note listed on sheets 79 & 87
 - The signal should remain in operation during base removal and construction

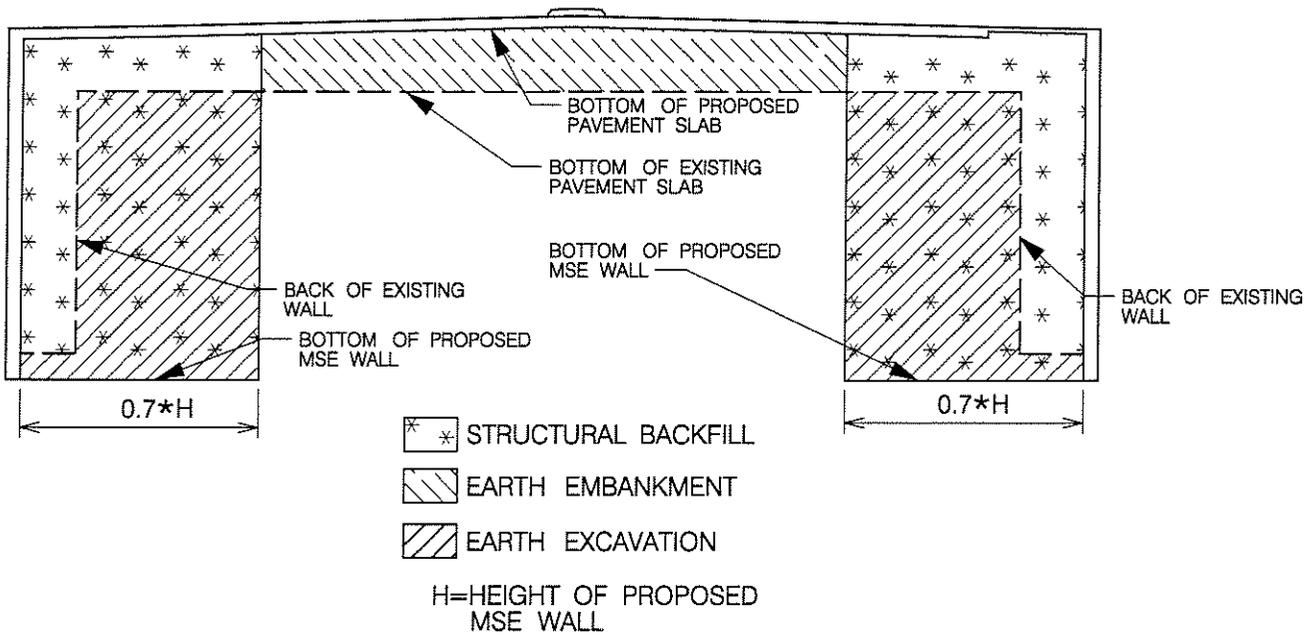
VII. QUESTIONS

See Addendum Number 1 for Questions and Answers

EARTHWORK MEASUREMENT DIAGRAM
FOR ADDENDUM NUMBER 1

NOTE:

DIAGRAM INTENDED TO REFLECT THE METHODOLOGY FOR MEASUREMENT OF EXCAVATION, EMBANKMENT, AND STRUCTURAL BACKFILL SHOWN IN THE SUMMARY OF QUANTITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR DESIGN OF MSE WALL.





City of Lincoln
Project Item Schedule
 701781c

Description: Harris Overpass - Concrete

Location:

Work Type: BRIDGE REPLACEMENT

Road Type: ARTERIAL

Bid opening Date: 06/27/2007 AT 12:00 pm.

Project Items

Item Number	Quantity	Unit	Unit Price	Extension
Section: 1 General				
0.2000	1.000	LS	\$	\$
Const Staking				
0.4000	1.000	LS	\$	\$
Mobilization				
15.0001	1.000	LS	\$	\$
Traffic Ctrl for Const				
50.0060	150.000	CDAY	\$	\$
Misc Dynamic Message Sign				
Section 1 Total:				\$
Section: 2 Grading				
01.0100	4,523.000	CY	\$	\$
Pavt & Sidewalk Rem				
01.0170	11.000	EA	\$	\$
Adj MH to Grade, Cmpl				
01.0180	5.000	EA	\$	\$
Adj Water Valve Box To Grade, Cmpl				
01.0190	2.000	EA	\$	\$
Std Monument Box (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
01.0210 Ty "A" Sawing	1,070.000	LF	\$	\$
01.0220 Ty "B" Sawing	704.000	LF	\$	\$
01.0230 Ty "C" Sawing	611.000	LF	\$	\$
02.0010 Gen Clearing & Grubbing	1.000	LS	\$	\$
02.0100 Earth Excavation	2,869.000	CY	\$	\$
02.0110 Earth Borrow Measured in Embankment (E.Q.)	3,892.000	CY	\$	\$
50.0001 Misc Rem Decorative Post	4.000	EA	\$	\$
50.0001 Misc Rem Bollard	8.000	EA	\$	\$
50.0005 Misc Rem Retaining Wall	751.000	LF	\$	\$
50.0010 Misc Excavation Borrow	1,023.000	CY	\$	\$
50.0015 Misc Remove and Reset Bus Bench	1.000	LS	\$	\$
50.0015 Misc Remove Bridge Structure and Piers	1.000	LS	\$	\$
50.0015 Misc Intermediate Foundation Improvements	1.000	LS	\$	\$
50.0015 Misc Intermediate Foundation Improvements Verification Program	1.000	LS	\$	\$

Item Number	Quantity	Unit	Unit Price	Extension
50.0035	735.000	TON	\$	\$
Misc Hauling Contaminated Soil				
Section 2 Total:				\$
Section: 3 Paving				
01.0160	310.000	TON	\$	\$
Asph Conc for Parking Area				
03.0060	10,632.000	SY	\$	\$
9" PCC Pavt w/ Int Curb				
03.0140	1,563.000	SY	\$	\$
9" RPCC Pavt				
06.0020	873.000	LF	\$	\$
Combined Curb & Gutter				
06.0030	106.000	LF	\$	\$
Conc Barrier Curb (9" X 20")				
06.0050	2.000	EA	\$	\$
Conc Median Nose, (In Place)				
06.0060	398.000	SF	\$	\$
4" Conc Median Surfacing				
07.0020	31,828.000	SF	\$	\$
4" Conc Sidewalk				
07.0030	5,200.000	SF	\$	\$
6" Conc Driveway				
07.0045	4,867.000	SF	\$	\$
5" Conc Bikeway				
07.0100	256.000	SF	\$	\$
Build Detectable Warning Panel				
10.0010	48.000	TON	\$	\$
Crushed Rock Surfacing (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
21.0895	6.000	EA	\$	\$
Storm Sewer MH, 15" - 30" (Cmpl)				
21.1040	2.000	EA	\$	\$
Convert Inlet to MH (Cmpl)				
21.1050	1.000	EA	\$	\$
Tap Ex Storm Sewer MH & Replace				
21.1060	2.000	EA	\$	\$
Tap Ex Storm Sewer Inlet & Replace				
21.1080	1.000	EA	\$	\$
Tap Ex RC Box				
21.1290	103.000	LF	\$	\$
Rem 24" Storm Sewer Pipe				
21.1310	40.000	LF	\$	\$
Rem 18" Storm Sewer Pipe				
21.1325	296.000	LF	\$	\$
Rem 12" Storm Sewer Pipe				
21.1700	2.000	EA	\$	\$
Rem Storm Sewer MH (Cmpl)				
21.1710	3.000	EA	\$	\$
Rem Ex Inlet (Cmpl)				
21.1870	6.000	LF	\$	\$
2' RC Low Flow Liner				
22.0740	0.820	CY	\$	\$
Conc for Plugs & Collars (In Place)				
22.0790	2.000	EA	\$	\$
Fill and Abandon Ex MH (Cmpl)				
50.0001	1.000	EA	\$	\$
Misc Special Grate Inlet at Sta. 9+66.50				

Item Number	Quantity	Unit	Unit Price	Extension
50.0005	56.000	LF	\$	\$
Misc 12" PVC Storm Sewer				
50.0005	150.000	LF	\$	\$
Misc 12" RCP Storm Sewer, CI III				
Section 4 Total:				\$
Section: 5 Traffic Signal Only Items				
24.0157	1.000	EA	\$	\$
Rem Cabinet, Cmpl				
24.0807	5.000	EA	\$	\$
PB-9				
24.0810	12.000	EA	\$	\$
PB-FOR27				
24.0823	4.000	EA	\$	\$
Riser, 4"				
24.0897	660.000	LF	\$	\$
Conduit, 4" B				
24.0904	1,045.000	LF	\$	\$
Conduit, 2" T				
24.0905	175.000	LF	\$	\$
Conduit, 3" T				
24.0906	1,748.000	LF	\$	\$
Conduit, 4" T				
24.0920	4,023.000	LF	\$	\$
Conduit Sock, 3" 3 Cell				
24.0992	1,349.000	LF	\$	\$
Cable, Emergency Detector				
24.1029	1.000	EA	\$	\$
Junction Box, 2' X 2'				

Item Number	Quantity	Unit	Unit Price	Extension
24.1035 Fiber, 12 SM	4,165.000	LF	\$	\$
24.1050 Tracer Wire	2,667.000	LF	\$	\$
24.1054 Cable, No 6 Service	1,070.000	LF	\$	\$
24.1380 Ground Rod, 10'	8.000	EA	\$	\$
24.1422 SL Pole, SL-A-C-35-6-3	1.000	EA	\$	\$
24.5206 Inst DMS Support Pole	2.000	EA	\$	\$
24.6003 Inst Cabinet, B	3.000	EA	\$	\$
24.6004 Inst Cabinet, C	1.000	EA	\$	\$
24.6007 Inst Cabinet, F	1.000	EA	\$	\$
24.6020 Locate Stick	3.000	Ea.	\$	\$
24.6204 Inst and Adj Emergency Receiver	1.000	EA	\$	\$
24.6207 Inst Weather Station	1.000	EA	\$	\$
24.6209 Inst DMS	2.000	EA	\$	\$
50.0001 Misc Install Pavement Weather Sensor	2.000	EA	\$	\$

Item Number	Quantity	Unit	Unit Price	Extension
50.0001	1.000	EA	\$	\$
Misc Install Subsurface Temp. Probe				
50.0001	2.000	EA	\$	\$
Misc Junction Box, Type B				
50.0005	1,304.000	LF	\$	\$
Misc Install Surface Sensor Extension Cable, Type V				
50.0015	1.000	LS	\$	\$
Misc Fiberglass Conduit System				
Section 5 Total:				\$
Section: 7 Street Light Only				
24.0102	1.000	EA	\$	\$
Rem SL, Cmpl				
24.0223	1.000	EA	\$	\$
Rel SL Pole, Cmpl (req found)				
24.0804	4.000	EA	\$	\$
PB-6				
24.0820	5.000	EA	\$	\$
Riser, 1 1/2"				
24.0821	7.000	EA	\$	\$
Riser, 2"				
24.0894	334.000	LF	\$	\$
Conduit, 1 1/2" B				
24.0903	3,913.000	LF	\$	\$
Conduit, 1 1/2" T				
24.1063	1,014.000	LF	\$	\$
Cable, No 4 CG				
24.1064	10,614.000	LF	\$	\$
Cable, No 6 CG				

Item Number	Quantity	Unit	Unit Price	Extension
24.1065	4,301.000	LF	\$	\$
Cable, No 8 CG				
24.1071	2,270.000	LF	\$	\$
Cable, No 2 SL				
24.1072	20,800.000	LF	\$	\$
Cable, No 4 SL				
24.1073	8,232.000	LF	\$	\$
Cable, No 6 SL				
24.1514	1.000	EA	\$	\$
Inst Luminaire, 400W HPSV-SC				
50.0001	2.000	EA	\$	\$
Misc 110V Service Assembly				
50.0001	1.000	EA	\$	\$
Misc 220V Service Assembly				
50.0001	34.000	EA	\$	\$
Misc Special Street Light, Type A				
50.0001	2.000	EA	\$	\$
Misc Special Street Light, Type B				
50.0001	44.000	EA	\$	\$
Misc Special Street Light, Type C				
50.0001	18.000	EA	\$	\$
Misc Special Street Light, Type D				
50.0001	18.000	EA	\$	\$
Misc Special Street Light, Type E				
50.0001	34.000	EA	\$	\$
Misc Special Street Light, Type F				
50.0001	12.000	EA	\$	\$
Misc Special Street Light, Type G				

Item Number	Quantity	Unit	Unit Price	Extension
13.0280	11.000	LF	\$	\$
Paint Mkg, 8" W				
13.0430	893.000	LF	\$	\$
Polyurea Mkg, 4" Y				
13.0431	2,175.000	LF	\$	\$
Polyurea Mkg, 4" W				
13.0432	46.000	LF	\$	\$
Polyurea Mkg, 8" W				
13.0436	270.000	LF	\$	\$
Polyurea Mkg, 24" W				
13.0560	2.000	EA	\$	\$
Raised Pavt Markers				
14.0001	29.000	EA	\$	\$
Traffic Sign, < 4 Sq Ft				
14.0003	16.000	EA	\$	\$
Traffic Sign, 4 Sq Ft < 9 Sq Ft				
14.0005	2.000	EA	\$	\$
Traffic Sign, 9 Sq Ft or >				
14.0007	240.000	LF	\$	\$
"U" Channel Sign Posts				
14.0009	42.000	LF	\$	\$
Street Name (Round) Posts				
14.0017	1.000	EA	\$	\$
Tubular Marker				
Section 8 Total:				\$
Section: 9 Miscellaneous				
08.0010	1,126.000	LBS	\$	\$
Reinf Stl for Steps & Retain Walls (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
08.0020	5.000	CY	\$	\$
Conc for Steps & Retaining Walls (In Place)				
09.0010	419.000	LF	\$	\$
72" Chain Link Fence (In Place)				
09.0070	312.000	LF	\$	\$
48" Pipe Railing Fence (In Place)				
50.0001	3.000	EA	\$	\$
Misc Inst 6" Bollard				
50.0001	4.000	EA	\$	\$
Misc Foundation for Concrete Light Pedestal				
50.0005	516.000	LF	\$	\$
Misc Coping				
50.0005	872.000	LF	\$	\$
Misc Concrete Leveling Pad				
50.0005	244.000	LF	\$	\$
Misc Pedestrian Barrier Rail on Roadway				
50.0005	335.000	LF	\$	\$
Misc CMP Sleeves				
50.0005	233.000	LF	\$	\$
Misc Pedestrian Railing on Roadway (Special Type B)				
50.0005	1,100.000	LF	\$	\$
Misc Covered Pedestrian Walkway				
50.0010	3,832.000	CY	\$	\$
Misc Select Granular Backfill for MSE Walls				
50.0010	106.000	CY	\$	\$
Misc Class 47BD-4000 Conc for Concrete Rail on Roadway (In Place)				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Concrete Rails on Roadway				

Item Number	Quantity	Unit	Unit Price	Extension
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Markers on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Light Pedestals on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for MSE Walls on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Coping on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Stamped Median on Roadway				
50.0025	34,315.000	LBS	\$	\$
Misc Epoxy Coated Reinf Stl for Concrete Rail on Roadway (In Place)				
50.0045	11,655.000	SF	\$	\$
Misc Concrete Face Panels				
Section 9 Total:				\$
Section: 10 Erosion Control				
30.0050	0.830	AC	\$	\$
Seeding, Ty "B"				
32.0040	2,415.000	LF	\$	\$
Synthetic Fabric Silt Fence Inst				
32.0050	2,415.000	LF	\$	\$
Synthetic Fabric Silt Fence Maint				
32.0070	15.000	EA	\$	\$
Inst Storm Drain Inlet Protection				
32.0080	15.000	EA	\$	\$
Storm Drain Inlet Protection Maint				
50.0035	247.000	TON	\$	\$
Misc Temporary Crushed Rock Surfacing				

Item Number	Quantity	Unit	Unit Price	Extension
			Section 10 Total:	\$
Section: 11 Water Main Replacement				
23.0008	111.000	LF	\$	\$
6" Water Main				
23.0350	1.000	EA	\$	\$
6" x 6" Tapping Sleeve & Valve, MJ				
23.0460	5.000	EA	\$	\$
6" Gate Valve, MJ				
23.0490	3.000	EA	\$	\$
Hydrant, Cmpl L=5.5'				
23.0492	2.000	EA	\$	\$
Hydrant, Cmpl L=6.5'				
23.0530	5.000	EA	\$	\$
6" Retainer Glands, MJ				
23.0538	1.000	EA	\$	\$
6" X 90 Deg Bend, MJ				
23.0546	1.000	EA	\$	\$
6" X 45 Deg Bend, MJ				
23.0594	5.000	EA	\$	\$
6" Anchoring Coupling, MJ (L=18")				
23.0665	1.640	CY	\$	\$
Conc for Thrust Blocks & Anchorages (In Place)				
23.0670	50.000	LBS	\$	\$
Reinf Stl for Thrust Blks & Anchorages				
23.0685	2.000	EA	\$	\$
Reconstruct Water Service				
23.0690	2.000	EA	\$	\$
Loop Water Service				

Item Number	Quantity	Unit	Unit Price	Extension
23.0695	20.000	LF	\$	\$
2" Copper Water Service Pipe				
23.0710	20.000	LF	\$	\$
1" Copper Water Service Pipe				
23.0715	30.000	LF	\$	\$
0.75" Copper Water Service Pipe				
23.0935	242.000	LF	\$	\$
Rem 10" Water Main				
23.0960	2.000	EA	\$	\$
Rem & Salvage Hydrant (Cmpl)				
23.1000	2.000	EA	\$	\$
Rem & Salvage Gate Valve and Box (Cmpl)				
23.1020	1.000	EA	\$	\$
Rem & Salvage Bend				
23.1030	1.000	EA	\$	\$
Rem & Reset Hydrant (Cmpl)				
23.1050	1.000	EA	\$	\$
Rem & Reset Anchoring Coupling				
23.1070	1.000	EA	\$	\$
Rem & Reset Gate Valve and Box, (Cmpl)				
23.1170	1.000	LS	\$	\$
Abandonment of Water Main (In Place)				
50.0001	4.000	EA	\$	\$
Misc 10"x11.25 Degree Bend, M.J.				
50.0001	1.000	EA	\$	\$
Misc 10"x6" Tee, M.J.				
50.0001	1.000	EA	\$	\$
Misc 10"x6" Tapping Sleeve & Valve, M.J.				

Item Number	Quantity	Unit	Unit Price	Extension
50.0001	1.000	EA	\$	\$
Misc 10" Solid Sleeve, M.J.				
50.0001	10.000	EA	\$	\$
Misc 10" Retainer Glands, M.J. (L=12")				
50.0001	1.000	EA	\$	\$
Misc 10" Gate Valve, M.J.				
50.0005	239.000	LF	\$	\$
Misc 10" D.I. Water Main, Class 52				
Section 11 Total:				\$
Section: 13 Waste Water				
20.0389	12.000	LF	\$	\$
Boring for 10" Sanitary Sewer Pipe				
22.0070	97.000	LF	\$	\$
10" Sanitary Sewer Pipe				
22.0700	2.000	EA	\$	\$
Std MH, Ty "S"				
22.0710	21.000	VF	\$	\$
Std MH, Ty "S"				
50.0005	80.000	LF	\$	\$
Misc 10" Sanitary Sewer Pipe (C900 PVC)				
50.0005	80.000	LF	\$	\$
Misc Remove 10" Sanitary Sewer Pipe				
50.0015	1.000	LS	\$	\$
Misc Abandon Sanitary Sewer Pipe				
Section 13 Total:				\$
Section: 14 Bridge				
50.0001	20.000	EA	\$	\$
Misc Steel Diaphragms				

Item Number	Quantity	Unit	Unit Price	Extension
50.0015	1.000	LS	\$	\$
Misc Pier No. 6 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 7 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 8 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 9 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 10 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 11 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 12 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 13 Excavation				
50.0015	1.000	LS	\$	\$
Misc Pier No. 14 Excavation				
50.0015	1.000	LS	\$	\$
Misc Precast/Prestressed Concrete Superstructure at Sta. 21+50.44				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Bridge				
50.0025	1,964,849.000	LBS	\$	\$
Misc Epoxy Coated Reinforcing Steel				
50.0025	83,704.000	LBS	\$	\$
Misc Structural Steel for Superstructure				
50.0025	1,542.000	LBS	\$	\$
Misc Structural Steel for Substructure				

Item Number	Quantity	Unit	Unit Price	Extension
50.0025	48,713.000	LBS	\$	\$
Misc Epoxy Coated Reinforcing Steel for Pavement Approaches				
50.0040	170.000	SY	\$	\$
Misc Subsurface Drainage Matting				
50.0045	31,069.000	SF	\$	\$
Misc Metal Decking				
50.0045	2,133.000	SF	\$	\$
Misc Limestone Veneer				
Section 14 Total:				\$
Section: 15 Architectural Elements				
50.0001	2.000	EA	\$	\$
Misc Landing Marker Cast Cap Stone				
50.0001	2.000	EA	\$	\$
Misc Bridge Entrance Marker Cast Cap Stone				
50.0001	2.000	EA	\$	\$
Misc Bridge Entrance Marker Cast Cap Stone Cornice				
50.0010	81.000	CY	\$	\$
Misc 47-BD-4000 Concrete for Markers and Light Pole Pedestals				
50.0025	9,931.000	LBS	\$	\$
Misc Epoxy Coated Steel for Markers and Light Pedestals				
50.0045	16.000	SF	\$	\$
Misc Limestone Veneer				
Section 15 Total:				\$
Estimate Total:				\$

Company Name: _____

Signature: _____

Date: _____



City of Lincoln
Project Item Schedule
 701781s

Description: Harris Overpass - Steel

Location:

Work Type: BRIDGE REPLACEMENT

Road Type: ARTERIAL

Bid opening Date: 06/27/2007 AT 12:00 pm.

Project Items

Item Number	Quantity	Unit	Unit Price	Extension
Section: 1 General				
0.2000	1.000	LS	\$	\$
Const Staking				
0.4000	1.000	LS	\$	\$
Mobilization				
15.0001	1.000	LS	\$	\$
Traffic Ctrl for Const				
50.0060	150.000	CDAY	\$	\$
Misc Dynamic Message Sign				
Section 1 Total:				\$
Section: 2 Grading				
01.0100	4,523.000	CY	\$	\$
Pavt & Sidewalk Rem				
01.0170	11.000	EA	\$	\$
Adj MH to Grade, Cmpl				
01.0180	5.000	EA	\$	\$
Adj Water Valve Box To Grade, Cmpl				
01.0190	2.000	EA	\$	\$
Std Monument Box (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
01.0210 Ty "A" Sawing	1,070.000	LF	\$	\$
01.0220 Ty "B" Sawing	704.000	LF	\$	\$
01.0230 Ty "C" Sawing	611.000	LF	\$	\$
02.0010 Gen Clearing & Grubbing	1.000	LS	\$	\$
02.0100 Earth Excavation	2,869.000	CY	\$	\$
02.0110 Earth Borrow Measured in Embankment (E.Q.)	3,892.000	CY	\$	\$
50.0001 Misc Rem Decorative Post	4.000	EA	\$	\$
50.0001 Misc Rem Bollard	8.000	EA	\$	\$
50.0001 Misc Rem Retaining Wall	751.000	EA	\$	\$
50.0010 Misc Excavation Borrow	1,023.000	CY	\$	\$
50.0015 Misc Remove and Reset Bus Bench	1.000	LS	\$	\$
50.0015 Misc Rem Bridge Structure and Piers	1.000	LS	\$	\$
50.0015 Misc Intermediate Foundation Improvements	1.000	LS	\$	\$
50.0015 Misc Intermediate Foundation Improvements Verification Program	1.000	LS	\$	\$

Item Number	Quantity	Unit	Unit Price	Extension
50.0005	735.000	LF	\$	\$
Misc Haling Contaminated Soil				
Section 2 Total:				\$
Section: 3 Paving				
01.0160	310.000	TON	\$	\$
Asph Conc for Parking Area				
03.0060	10,632.000	SY	\$	\$
9" PCC Pavt w/ Int Curb				
03.0140	1,563.000	SY	\$	\$
9" RPCC Pavt				
06.0020	873.000	LF	\$	\$
Combined Curb & Gutter				
06.0030	106.000	LF	\$	\$
Conc Barrier Curb (9" X 20")				
06.0050	2.000	EA	\$	\$
Conc Median Nose, (In Place)				
06.0060	398.000	SF	\$	\$
4" Conc Median Surfacing				
07.0020	31,828.000	SF	\$	\$
4" Conc Sidewalk				
07.0030	5,200.000	SF	\$	\$
6" Conc Driveway				
07.0045	4,867.000	SF	\$	\$
5" Conc Bikeway				
07.0100	256.000	SF	\$	\$
Build Detectable Warning Panel				
10.0010	48.000	TON	\$	\$
Crushed Rock Surfacing (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
50.0010	20.000	CY	\$	\$
Misc Rem and Replace 18" Conc Slab				
50.0035	262.000	TON	\$	\$
Misc 6" AC Pavt, Class 2				
50.0035	232.000	TON	\$	\$
Misc Temporary Asphalt				
50.0045	2,908.000	SF	\$	\$
Misc 4" Stamped Conc Median Surfacing				
50.0045	629.000	SF	\$	\$
Misc 6" Conc Driveway (L5500)				
50.0045	443.000	SF	\$	\$
Misc Rem and Repl Brick Sidewalk				
Section 3 Total:				\$
Section: 4 Storm Drainage				
21.0090	385.000	LF	\$	\$
24" RCP Storm Sewer, CI III				
21.0095	79.000	LF	\$	\$
21" RCP Storm Sewer, CI III				
21.0100	484.000	LF	\$	\$
18" RCP Storm Sewer, CI III				
21.0110	66.000	LF	\$	\$
15" RCP Storm Sewer, CI III				
21.0770	7.000	EA	\$	\$
72" Storm Sewer Inlet (Cmpl)				
21.0780	4.000	EA	\$	\$
72" Canted Storm Sewer Inlet (Cmpl)				
21.0850	2.000	EA	\$	\$
Grate Inlet, Ty "H" (Cmpl)				

Item Number	Quantity	Unit	Unit Price	Extension
21.0895	6.000	EA	\$	\$
Storm Sewer MH, 15" - 30" (Cmpl)				
21.1040	2.000	EA	\$	\$
Convert Inlet to MH (Cmpl)				
21.1050	1.000	EA	\$	\$
Tap Ex Storm Sewer MH & Replace				
21.1060	2.000	EA	\$	\$
Tap Ex Storm Sewer Inlet & Replace				
21.1080	1.000	EA	\$	\$
Tap Ex RC Box				
21.1290	103.000	LF	\$	\$
Rem 24" Storm Sewer Pipe				
21.1310	40.000	LF	\$	\$
Rem 18" Storm Sewer Pipe				
21.1325	296.000	LF	\$	\$
Rem 12" Storm Sewer Pipe				
21.1700	2.000	EA	\$	\$
Rem Storm Sewer MH (Cmpl)				
21.1710	3.000	EA	\$	\$
Rem Ex Inlet (Cmpl)				
21.1870	6.000	LF	\$	\$
2' RC Low Flow Liner				
22.0740	0.820	CY	\$	\$
Conc for Plugs & Collars (In Place)				
22.0790	2.000	EA	\$	\$
Fill and Abandon Ex MH (Cmpl)				
50.0001	1.000	EA	\$	\$
Misc Special Grate Inlet at Sta. 9+66.50				

Item Number	Quantity	Unit	Unit Price	Extension
50.0005	56.000	LF	\$	\$
Misc 12" PVC Storm Sewer				
50.0005	150.000	LF	\$	\$
Misc 12" RCP Storm Sewer, CI III				
Section 4 Total:				\$
Section: 5 Traffic Signal Only Items				
24.0157	1.000	EA	\$	\$
Rem Cabinet, Cmpl				
24.0807	5.000	EA	\$	\$
PB-9				
24.0810	12.000	EA	\$	\$
PB-FOR27				
24.0823	4.000	EA	\$	\$
Riser, 4"				
24.0897	660.000	LF	\$	\$
Conduit, 4" B				
24.0904	1,045.000	LF	\$	\$
Conduit, 2" T				
24.0905	175.000	LF	\$	\$
Conduit, 3" T				
24.0906	1,748.000	LF	\$	\$
Conduit, 4" T				
24.0920	4,023.000	LF	\$	\$
Conduit Sock, 3" 3 Cell				
24.0992	1,349.000	LF	\$	\$
Cable, Emergency Detector				
24.1029	1.000	EA	\$	\$
Junction Box, 2' X 2'				

Item Number	Quantity	Unit	Unit Price	Extension
24.1035	4,165.000	LF	\$	\$
Fiber, 12 SM				
24.1050	2,667.000	LF	\$	\$
Tracer Wire				
24.1054	1,070.000	LF	\$	\$
Cable, No 6 Service				
24.1380	8.000	EA	\$	\$
Ground Rod, 10'				
24.1422	1.000	EA	\$	\$
SL Pole, SL-A-C-35-6-3				
24.5206	2.000	EA	\$	\$
Inst DMS Support Pole				
24.6003	3.000	EA	\$	\$
Inst Cabinet, B				
24.6004	1.000	EA	\$	\$
Inst Cabinet, C				
24.6007	1.000	EA	\$	\$
Inst Cabinet, F				
24.6020	3.000	Ea.	\$	\$
Locate Stick				
24.6204	1.000	EA	\$	\$
Inst and Adj Emergency Receiver				
24.6207	1.000	EA	\$	\$
Inst Weather Station				
24.6209	2.000	EA	\$	\$
Inst DMS				
50.0001	2.000	EA	\$	\$
Misc Install Pavement Weather Sensor				

Item Number	Quantity	Unit	Unit Price	Extension
50.0001	1.000	EA	\$	\$
Misc Install Subsurface Temp. Probe				
50.0001	2.000	EA	\$	\$
Misc Junction Box, Type B				
50.0005	1,304.000	LF	\$	\$
Misc Install Surface Sensor Extension Cable, Type V				
50.0015	1.000	LS	\$	\$
Misc Fiberglass Conduit System				
Section 5 Total:				\$
Section: 7 Street Light Only				
24.0102	1.000	EA	\$	\$
Rem SL, Cmpl				
24.0223	1.000	EA	\$	\$
Rel SL Pole, Cmpl (req found)				
24.0804	4.000	EA	\$	\$
PB-6				
24.0820	5.000	EA	\$	\$
Riser, 1 1/2"				
24.0821	7.000	EA	\$	\$
Riser, 2"				
24.0894	334.000	LF	\$	\$
Conduit, 1 1/2" B				
24.0903	3,913.000	LF	\$	\$
Conduit, 1 1/2" T				
24.1063	1,014.000	LF	\$	\$
Cable, No 4 CG				
24.1064	10,614.000	LF	\$	\$
Cable, No 6 CG				

Item Number	Quantity	Unit	Unit Price	Extension
13.0280	11.000	LF	\$	\$
Paint Mkg, 8" W				
13.0430	893.000	LF	\$	\$
Polyurea Mkg, 4" Y				
13.0431	2,175.000	LF	\$	\$
Polyurea Mkg, 4" W				
13.0432	46.000	LF	\$	\$
Polyurea Mkg, 8" W				
13.0436	270.000	LF	\$	\$
Polyurea Mkg, 24" W				
13.0560	2.000	EA	\$	\$
Raised Pavt Markers				
14.0001	29.000	EA	\$	\$
Traffic Sign, < 4 Sq Ft				
14.0003	16.000	EA	\$	\$
Traffic Sign, 4 Sq Ft < 9 Sq Ft				
14.0005	2.000	EA	\$	\$
Traffic Sign, 9 Sq Ft or >				
14.0007	240.000	LF	\$	\$
"U" Channel Sign Posts				
14.0009	42.000	LF	\$	\$
Street Name (Round) Posts				
14.0017	1.000	EA	\$	\$
Tubular Marker				
Section 8 Total:				\$
Section: 9 Miscellaneous				
08.0010	1,126.000	LBS	\$	\$
Reinf Stl for Steps & Retain Walls (In Place)				

Item Number	Quantity	Unit	Unit Price	Extension
08.0020	5.000	CY	\$	\$
Conc for Steps & Retaining Walls (In Place)				
09.0010	419.000	LF	\$	\$
72" Chain Link Fence (In Place)				
09.0070	312.000	LF	\$	\$
48" Pipe Railing Fence (In Place)				
50.0001	3.000	EA	\$	\$
Misc Inst 6" Bollard				
50.0001	4.000	EA	\$	\$
Misc Foundation for Concrete Light Pedestal				
50.0005	516.000	LF	\$	\$
Misc Coping				
50.0005	872.000	LF	\$	\$
Misc Concrete Leveling Pad				
50.0005	244.000	LF	\$	\$
Misc Pedestrian Barrier Rail on Roadway				
50.0005	335.000	LF	\$	\$
Misc CMP Sleeves				
50.0005	233.000	LF	\$	\$
Misc Pedestrian Railing on Roadway (Special Type B)				
50.0005	1,100.000	LF	\$	\$
Misc Covered Pedestrian Walkway				
50.0010	3,832.000	CY	\$	\$
Misc Select Granular Backfill for MSE Walls				
50.0010	106.000	CY	\$	\$
Misc Class 47BD-4000 Conc for Concrete Rail on Roadway (In Place)				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Concrete Rails on Roadway				

Item Number	Quantity	Unit	Unit Price	Extension
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Markers on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Light Pedestals on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for MSE Walls on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Coping on Roadway				
50.0015	1.000	LS	\$	\$
Misc Concrete Coating for Stamped Median on Roadway				
50.0025	34,315.000	LBS	\$	\$
Misc Epoxy Coated Reinf Stl for Concrete Rail on Roadway (In Place)				
50.0045	11,655.000	SF	\$	\$
Misc Concrete Face Panels				
Section 9 Total:				\$
Section: 10 Erosion Control				
30.0050	0.830	AC	\$	\$
Seeding, Ty "B"				
32.0040	2,415.000	LF	\$	\$
Synthetic Fabric Silt Fence Inst				
32.0050	2,415.000	LF	\$	\$
Synthetic Fabric Silt Fence Maint				
32.0070	15.000	EA	\$	\$
Inst Storm Drain Inlet Protection				
32.0080	15.000	EA	\$	\$
Storm Drain Inlet Protection Maint				
50.0035	247.000	TON	\$	\$
Misc Temporary Crushed Rock Surfacing				

Item Number	Quantity	Unit	Unit Price	Extension
			Section 10 Total:	\$
Section: 11 Water Main Replacement				
23.0008	111.000	LF	\$	\$
6" Water Main				
23.0350	1.000	EA	\$	\$
6" x 6" Tapping Sleeve & Valve, MJ				
23.0460	5.000	EA	\$	\$
6" Gate Valve, MJ				
23.0490	3.000	EA	\$	\$
Hydrant, Cmpl L=5.5'				
23.0492	2.000	EA	\$	\$
Hydrant, Cmpl L=6.5'				
23.0530	5.000	EA	\$	\$
6" Retainer Glands, MJ				
23.0538	1.000	EA	\$	\$
6" X 90 Deg Bend, MJ				
23.0546	1.000	EA	\$	\$
6" X 45 Deg Bend, MJ				
23.0594	5.000	EA	\$	\$
6" Anchoring Coupling, MJ (L=18")				
23.0665	1.640	CY	\$	\$
Conc for Thrust Blocks & Anchorages (In Place)				
23.0670	50.000	LBS	\$	\$
Reinf Stl for Thrust Blks & Anchorages				
23.0685	2.000	EA	\$	\$
Reconstruct Water Service				
23.0690	2.000	EA	\$	\$
Loop Water Service				

Item Number	Quantity	Unit	Unit Price	Extension
23.0695	20.000	LF	\$	\$
2" Copper Water Service Pipe				
23.0710	20.000	LF	\$	\$
1" Copper Water Service Pipe				
23.0715	30.000	LF	\$	\$
0.75" Copper Water Service Pipe				
23.0935	242.000	LF	\$	\$
Rem 10" Water Main				
23.0960	2.000	EA	\$	\$
Rem & Salvage Hydrant (Cmpl)				
23.1000	2.000	EA	\$	\$
Rem & Salvage Gate Valve and Box (Cmpl)				
23.1020	1.000	EA	\$	\$
Rem & Salvage Bend				
23.1030	1.000	EA	\$	\$
Rem & Reset Hydrant (Cmpl)				
23.1050	1.000	EA	\$	\$
Rem & Reset Anchoring Coupling				
23.1070	1.000	EA	\$	\$
Rem & Reset Gate Valve and Box, (Cmpl)				
23.1170	1.000	LS	\$	\$
Abandonment of Water Main (In Place)				
50.0001	4.000	EA	\$	\$
Misc 10"x11.25 Degree Bend, M.J.				
50.0001	1.000	EA	\$	\$
Misc 10"x6" Tee, M.J.				
50.0001	1.000	EA	\$	\$
Misc 10"x6" Tapping Sleeve & Valve, M.J.				

Item Number	Quantity	Unit	Unit Price	Extension
50.0001	1.000	EA	\$	\$
Misc 10" Solid Sleeve, M.J.				
50.0001	10.000	EA	\$	\$
Misc 10" Retainer Glands, M.J. (L=12")				
50.0001	1.000	EA	\$	\$
Misc 10" Gate Valve, M.J.				
50.0005	239.000	LF	\$	\$
Misc 10" D.I. Water Main, Class 52				
Section 11 Total:				\$
Section: 13 Waste Water				
20.0389	12.000	LF	\$	\$
Boring for 10" Sanitary Sewer Pipe				
22.0070	97.000	LF	\$	\$
10" Sanitary Sewer Pipe				
22.0700	2.000	EA	\$	\$
Std MH, Ty "S"				
22.0710	21.000	VF	\$	\$
Std MH, Ty "S"				
50.0005	80.000	LF	\$	\$
Misc 10" Sanitary Sewer Pipe (C900 PVC)				
50.0005	80.000	LF	\$	\$
Misc Remove 10" Sanitary Sewer Pipe				
50.0015	1.000	LS	\$	\$
Misc Abandon Sanitary Sewer Pipe				
Section 13 Total:				\$
Section: 14 Bridge-Welded Plate Girder				
50.0001	82.000	EA	\$	\$
Misc Expansion Bearing, TFE Type				

Item Number	Quantity	Unit	Unit Price	Extension
50.0045	36,586.000	SF	\$	\$
Misc Metal Decking				
50.0045	1,920.000	SF	\$	\$
Misc Limestone Veneer				
Section 14 Total:				\$
Section: 15 Architectural Elements				
50.0001	2.000	EA	\$	\$
Misc Landing Marker Cast Cap Stone				
50.0001	2.000	EA	\$	\$
Misc Bridge Entrance Marker Cast Cap Stone				
50.0001	2.000	EA	\$	\$
Misc Bridge Entrance Marker Cast Cap Stone Cornice				
50.0010	81.000	CY	\$	\$
Misc 47-BD-4000 Concrete for Markers and Light Pole Pedestals				
50.0025	9,931.000	LBS	\$	\$
Misc Epoxy Coated Steel for Markers and Light Pedestals				
50.0045	16.000	SF	\$	\$
Misc Limestone Veneer				
Section 15 Total:				\$
Estimate Total:				\$

Company Name: _____

Signature: _____ **Date:** _____