

# STATE OF ILLINOIS



## ILLINOIS COMMERCE COMMISSION TRANSPORTATION DIVISION / RAIL SAFETY SECTION

Michael E. Stead

Rail Safety Program Administrator

(Filed in E-Docket and e-mailed to Judge Kirkland-Montaque and as attached)

April 30, 2010

Latrice Kirkland-Montaque  
Chief Administrative Law Judge  
Review and Examination  
Illinois Commerce Commission  
160 N. LaSalle Street  
Chicago, IL 60601-3104

RE: **T10-0017**

Dear Judge Kirkland-Montaque:

The attached Agreed Order is respectfully provided for your approval and submittal to the Commission for the May 19, 2010 Bench Session. The Agreed Order is acceptable to all parties as provided with the included e-mail concurrence documentation.

Also included with this filing are additional Roadway Plans and the current project Cost Estimate (provided as Exhibits A and B respectively).

Please note that the caption of the case has been revised with this filing to include the Illinois Department of Transportation as a Respondent as originally requested by the City of Chicago in paragraph number 12 of its Petition.

With this filing, the parties respectfully request that the May 4, 2010, Hearing be cancelled and the record be marked Heard and Taken.

If you have any questions, or require additional information, please contact me at (312) 636-7760 or [bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov).

Very truly yours,

A handwritten signature in black ink that reads "Brian Vercruysse".

Brian Vercruysse  
Senior Rail Safety Specialist

Certificate of Service

I, Brian Vercruysse, Senior Rail Safety Specialist for the Illinois Commerce Commission, hereby certify that the AGREED ORDER for T10-0017 were docketed on e-Docket and e-mailed to the parties listed below on April 30, 2010.

RAIL SAFETY SECTION STAFF  
ILLINOIS COMMERCE COMMISSION



By: \_\_\_\_\_  
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Senior Rail Safety Specialist

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(312) 853-9627

**STATE OF ILLINOIS**

**ILLINOIS COMMERCE COMMISSION**

City of Chicago, Cook County, Illinois, :  
Petitioner, :  
 :  
v. : T10-0017  
 :  
CSX Transportation, Inc, and Illinois Department :  
of Transportation. :  
Respondents. :  
 :  
Petition for funding from the Grade Crossing :  
Protection Fund to make vertical clearance :  
improvements underneath the elevated viaduct :  
containing tracks of CSX Transportation, Inc. :  
through the reconstruction of 79th Street, a :  
roadway in the City of Chicago, County of Cook :  
and State of Illinois and to establish the terms and :  
conditions of the project between the City of :  
Chicago and CSX Transportation, Inc. :

**AGREED ORDER**

By the Commission:

On February 8, 2010, the City of Chicago (“City”) filed with the Illinois Commerce Commission (“the Commission”) a verified Petition in the above captioned matter naming as respondent CSX Transportation, Inc. (“CSX”), and the Illinois Department of Transportation (“Department”), in which it requested the Commission’s authorization for funding from the Grade Crossing Protection Fund to make vertical clearance improvements underneath the elevated viaduct containing tracks of CSX through the reconstruction of 79<sup>th</sup> Street, a roadway in the City of Chicago, Cook County, Illinois and to establish the terms and conditions of the project between the City of Chicago and CSX.

**PROCEDURAL HISTORY**

Pursuant to due notice given in accordance with the law and rules and regulations of the Commission, the matter came on for hearing before a duly authorized Administrative Law Judge of the Commission at the Commission’s Chicago office on April 20, 2010. Petitioner and Respondent were represented by counsel. Brian Vercruysse, Senior Rail Safety Specialist of the Commission’s Railroad Section (“Staff”) also appeared. During the Hearing, the parties indicated that they were coordinating an Agreed Order, the terms of which would be acceptable to all parties. Consistent with similar projects, the City and CSX are completing a Preliminary Engineering Agreement (“PEA”) and a Construction Agreement to address specific costs, staging, and access.

On April \_\_, 2010, the Agreed Order was filed with concurrence documentation from all parties. Also included with the filing was a detailed cost estimate, and plan sheets to supplement those provided with the City's Petition. On \_\_\_\_\_, 2010 the case was marked "Heard and Taken".

### **PETITIONER'S EVIDENCE**

The City requested an Order from the Commission authorizing the vertical clearance safety improvements at the 79<sup>th</sup> Street highway-rail underpass of CSX's tracks (AAR/DOT #163 445A, Railroad Milepost DC-22.35) and further requested the Grade Crossing Protection Fund ("GCPF") pay a substantial portion of the cost. By lowering the elevation of the 79<sup>th</sup> Street roadway pavement, the improvement will increase the vertical clearance under the railroad structure from 13'-0" to 14'-6", thereby significantly reducing the possibility of trucks hitting the railroad structure.

In its Petition, the City indicated that the current cost estimate for the project is \$3,030,420, of which the City is requesting the GCPF contribute 60% (\$1,818,252). Upon execution of the PEA and Construction Agreement, the contracts will include an estimate of reimbursable expenses for the project. The CSX will only bill for actual costs and expenses incurred. It is anticipated that the project will begin after the execution of a Construction Agreement between the City and CSX and after the issuance of the Commission Order and will be completed within twenty-four (24) months of the date of the Order.

The City provided the testimony of Anthony Rainey, Project Manager for the Chicago Department of Transportation. Mr. Rainey confirmed the facts outlined in the City's Petition. Mr. Rainey further highlighted the need for the project as he has witnessed trucks scraping the lower portion of the bridge beams as they travel under the viaduct. Mr. Rainey testified that with approval, the project will be initiated in the Spring of 2011.

### **RESPONDENT CSX POSITION**

Upon the City's execution of a PEA and Construction Agreement, the CSX has no present objection to the City's Petition.

In the event that the City and CSX are unable to negotiate and execute a PEA and forthcoming Construction Agreement, then upon written motion by any party, this matter shall be set for evidentiary hearing before the Chief Administrative Law Judge. Upon the execution of the PEA and Construction Agreement by the City and CSX, then CSX will have no objection to the City's Petition.

### **RESPONDENT DEPARTMENT POSITION**

The Department has no objection to the City's Petition.

**STAFF POSITION**

Staff supports the City's Petition and concurs with the use of the GCPF in an amount not to exceed 60% of the project cost (\$1,818,252)

**COMMISSION FINDINGS AND CONCLUSIONS**

The Commission, having reviewed the entire record, finds that:

- (1) The Commission has jurisdiction over the parties and the subject matter of this proceeding;
- (2) the recitals of fact set forth in the prefatory portion of this Order are supported by the evidence and are adopted as findings of fact;
- (3) Petitioner proposes to construct, or cause to be constructed, certain vertical clearance safety improvements at the 79<sup>th</sup> Street highway-rail underpass of CSX's tracks (AAR/DOT #163 445A, Railroad Milepost DC-22.35) located in the City of Chicago, Cook County, Illinois.
- (4) the cost for lowering the pavement under the structure at 79<sup>th</sup> Street is estimated to be \$3,030,420. The Grade Crossing Protection Fund should pay 60% of the total costs, not to exceed \$1,818,252. The City should pay the remainder of the project costs, including the CSX's Reimbursable Expenses.
- (5) 625 ILCS 5/18c-1701 and 1704 require each "person", as defined by Section 18c- 1104, to comply with every regulation or order of the Commission. These sections further provide that any person who fails to comply with a Commission regulation or order shall forfeit to the state not more than \$1,000 for each such failure, with each day's continuance of the violation being considered a separate offense. While the Commission expects all parties to comply with this Order in all matters addressed herein and in a timely manner, the Commission advises that any failure to comply may result in the assessment of such sanctions.

IT IS THEREFORE ORDERED by the Illinois Commerce Commission that permission and authority be, and they are hereby, granted to the City of Chicago to construct, or cause to be constructed, certain vertical clearance safety improvements at the 79<sup>th</sup> Street highway-rail underpass of CSX's tracks (AAR/DOT #163 445A, Railroad Milepost DC-22.35) located in the City of Chicago, Cook County, Illinois, as set forth in the plan sheets included by the City of Chicago in its Petition and as included with the filing of the Agreed Order.

IT IS FURTHER ORDERED that the costs of making the improvements hereinbefore required shall be divided among the parties and the Grade Crossing Protection Fund of the Motor Fuel Tax Law, as set forth in Finding four (4) of this Order.

IT IS FURTHER ORDERED that subsequent to the execution of a PEA and Construction Agreement with CSX, the City is hereby required and directed to proceed immediately in performing the work set forth hereinabove and shall complete the work by September 1, 2013.

IT IS FURTHER ORDERED that all bills for expenditures authorized to be reimbursed from the Grade Crossing Protection Fund shall be submitted to the District 1 Office of the Illinois Department of Transportation, 201 West Center Court, Schaumburg, Illinois, 60196-1096. The Department shall send a copy of all bills received to the Director of Processing and Information, Transportation Division of the Commission.

IT IS FURTHER ORDERED that any person making a Request for an Extension of Time up to 30 days to complete a project ordered by the Commission must file a request with the Director of Processing and Information no later than 14 days in advance of the scheduled deadline. An Administrative Law Judge will consider and decide the request.

IT IS FURTHER ORDERED that any person making a Request for an Extension of Time that exceeds 30 days must file a Petition For Supplemental Order with the Director of Processing and Information no later than 21 days in advance of the scheduled deadline. The Commission will decide Petitions for Supplemental Orders.

IT IS FURTHER ORDERED that requests For Extension of Time and Petitions for Supplemental Orders must include the reason(s) the additional time is needed to complete the work and the time within which the project will be completed. Prior to submitting a Request for Extension of Time or a Petition for Supplemental Order, the person must notify the Commission's Rail Safety Program Administrator that it is unable to complete the project within the ordered timeframe.

IT IS FURTHER ORDERED that the Commission or its Administrative Law Judge reserves the right to deny Petitions for Supplemental Orders and Requests for Extension of Time, if the reason(s) supporting the request is (are) insufficient or where it appears the person has not made a good faith effort to complete the project within the allotted time. Failure of the Commission or Administrative Law Judge to act on a pleading prior to the deadline means the originally ordered completion date remains in effect.

IT IS FURTHER ORDERED that the City of Chicago shall file a written report within ninety (90) days from the date of this Order to the Director of Processing and Information, Transportation Division of the Commission, supplying the name, title, mailing address, phone number, facsimile number, and electronic mail address of the City of Chicago employee responsible for management of this project.

IT IS FURTHER ORDERED that the City of Chicago shall at six (6) month

intervals from the date of the Commission Order subsequent to this Agreement, until the project has been completed, submit written reports to the Director of Processing and Information, Transportation Division of the Commission, stating the status of expenditures of the total Project from the Grade Crossing Protection Fund and percentage of completion of the entire project. If the project is behind schedule, the report must also include a brief explanation of the reason(s) for the delay.

IT IS FURTHER ORDERED that the City of Chicago be, and it is hereby, required and directed to submit a written notice, to the Director of Processing and Information, Transportation Division of the Commission, of the date the work herein required of it has been completed, said notice shall be submitted within five (5) days after said completion date.

IT IS FURTHER ORDERED that, subject to Section 18c-2201 and 18c-2206 of the Law, this is a final decision subject to the Administrative Review Law.

By Order of the Commission this 19<sup>th</sup> day of May 2010.

MANUEL FLORES  
ACTING CHAIRMAN

## Vercruysse, Brian

---

**From:** Pace, Jack [jack.pace@cityofchicago.org]  
**Sent:** Monday, April 26, 2010 3:12 PM  
**To:** Vercruysse, Brian; @ Streicher, Paul; Camarena, Gloria M; Harpring, Jeff L; Johnson, Jason L  
**Subject:** RE: T10-0017 - 79th Street Vertical Clearance Project at the CSX - City of Chicago

Brian:

The City has reviewed the proposed revised Agreed Order and exhibits and concur with it being filed with the ALJ. The only typo we noted was on p. 2 under the heading Petitioner's Evidence, where the order refers to California Avenue instead of 79th Street.

The City also has reviewed and signed the revised PEA and will be sending the signed originals to URS. Paul, I will send you a copy of the executed PEA when I receive it.

Jack

---

**From:** Vercruysse, Brian [bvercruy@icc.illinois.gov]  
**Sent:** Friday, April 23, 2010 10:32 AM  
**To:** Pace, Jack; @ Streicher, Paul; Camarena, Gloria M; Harpring, Jeff L; Johnson, Jason L  
**Subject:** T10-0017 - 79th Street Vertical Clearance Project at the CSX - City of Chicago

Good morning,

Please see the revised Agreed Order as discussed at the Hearing on Tuesday. The language from the California Avenue order is utilized. I have also included the full filing pdf to show the Cost Estimate and Plan exhibits I believe should be included for the record.

Please review and provide your concurrences (e-mail is fine). If all goes well, I would like to file on 4/30 (a week from today) so that we may make the May 19<sup>th</sup> Commission Bench Session.

Thank you very much,  
Brian

Brian Vercruysse  
Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, IL 62701  
M 312-636-7760  
[bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov)

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## Vercruysse, Brian

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**From:** @ Streicher, Paul  
**Sent:** Friday, April 30, 2010 2:35 PM  
**To:** Vercruysse, Brian  
**Cc:** Jack Pace; Gloria M Camarena; Jeff L Harpring; Jason L Johnson; David R. Schmidt  
**Subject:** Re: T10-0017 - 79th Street Vertical Clearance Project at the CSX - City of Chicago

Dear Brian:

Your revised order (043010\_T10-0017\_REV 2 Agreed Order\_79th at Leavitt.doc) is acceptable to CSXT and you have our concurrence to file it with the ALJ.

I also assume that Judge Kirkland-Montaque will strike the status hearing set for May 4th.

Thanks for your efforts.

Paul

-----  
Paul D. Streicher  
Fedota Childers, P.C.  
Three First National Plaza  
70 W. Madison Street, Suite 3900  
Chicago, IL 60602  
(312) 853-9627

On Apr 30, 2010, at 2:13 PM, Vercruysse, Brian wrote:

Paul and Jack,

Per our phone conversation, I have modified the Agreed Order to incorporate the CSX and City of Chicago's comments. Please see attached.

I have also spoken with Judge Kirkland-Montaque regarding the need to update the caption to include IDOT as a Respondent. She is fine with this, and requested that this be identified on the transmittal letter to her.

Paul, please provide final concurrence to the Agreed Order, and I will include your e-mail with those received by the City and IDOT in the filing.

Thank you very much,  
Brian

Brian Vercruysse  
Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, IL 62701  
M 312-636-7760  
[bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov)

## Vercruysse, Brian

---

**From:** Camarena, Gloria M [Gloria.Camarena@illinois.gov]  
**Sent:** Wednesday, April 28, 2010 9:37 AM  
**To:** Pace, Jack; Vercruysse, Brian; @ Streicher, Paul; Harpring, Jeff L; Johnson, Jason L  
**Cc:** Camarena, Gloria M  
**Subject:** RE: T10-0017 - 79th Street Vertical Clearance Project at the CSX - City of Chicago

Brian,

The Illinois Department of Transportation has reviewed the proposed Agreed Order and concurs with it being filed.

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**To:** Vercruysse, Brian; @ Streicher, Paul; Camarena, Gloria M; Harpring, Jeff L; Johnson, Jason L  
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Jack

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**Sent:** Friday, April 23, 2010 10:32 AM  
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**Subject:** T10-0017 - 79th Street Vertical Clearance Project at the CSX - City of Chicago

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Thank you very much,  
Brian

Brian Vercruysse  
Illinois Commerce Commission  
527 E. Capitol Avenue  
Springfield, IL 62701  
M 312-636-7760  
[bvercruy@icc.illinois.gov](mailto:bvercruy@icc.illinois.gov)

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**ENGINEER'S ESTIMATE  
VERTICAL CLEARANCE IMPROVEMENTS - 79TH LEAVITT ST  
CDOT PROJ NO. B-6-128**

**T10-0017 Agreed Order Filing  
EXHIBIT B, PAGE 1 of 2**

10/7/2009

| ITEM NO. | CODE NO. | DESCRIPTION  | UNIT | QTY.   | UNIT PRICE  | TOTAL         |
|----------|----------|--|------|--------|-------------|---------------|
| 1        | 20200100 | EARTH EXCAVATION   | CY   | 800    | \$ 40.00    | \$ 32,000.00  |
| 2        | ***      | SPECIAL WASTE HAULING AND DISPOSAL                             | TON  | 4,200  | \$ 35.00    | \$ 147,000.00 |
| 3        | 20800150 | TRENCH BACKFILL  | CY   | 600    | \$ 80.00    | \$ 48,000.00  |
| 4        | ***      | SUB-BASE GRANULAR MATERIAL, TYPE B, 6 - INCH                   | CY   | 600    | \$ 70.00    | \$ 42,000.00  |
| 5        | ***      | CRUSHED STONE (TEMPORARY USE)                                  | TON  | 80     | \$ 25.00    | \$ 2,000.00   |
| 6        | ***      | STABILIZATION STONE  | CY   | 800    | \$ 35.00    | \$ 28,000.00  |
| 7        | 40600100 | BITUMINOUS MATERIALS (PRIME COAT)                              | GAL  | 12     | \$ 10.00    | \$ 120.00     |
| 8        | 40600300 | AGGREGATE (PRIME COAT)   | TON  | 1      | \$ 50.00    | \$ 50.00      |
| 9        | 40600525 | LEVELING BINDER (HAND METHOD), N50                             | TON  | 10     | \$ 250.00   | \$ 2,500.00   |
| 10       | 40600635 | LEVELING BINDER (MACHINE METHOD), N70, 1-1/2"                  | TON  | 10     | \$ 200.00   | \$ 2,000.00   |
| 11       | 40603340 | HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1-1/2"             | TON  | 10     | \$ 200.00   | \$ 2,000.00   |
| 12       | ***      | HIGH-EARLY-STRENGTH P.C.C. PAVEMENT (JOINTED), 10-INCH         | SY   | 3,120  | \$ 55.00    | \$ 171,600.00 |
| 13       | 42001200 | PAVEMENT FABRIC  | SY   | 3,120  | \$ 12.00    | \$ 37,440.00  |
| 14       | 42001300 | PROTECTIVE COAT  | SY   | 4,800  | \$ 2.00     | \$ 9,600.00   |
| 15       | ***      | HIGH-EARLY-STRENGTH P.C.C. DRIVEWAY AND ALLEY PAVEMENT, 8-INCH | SY   | 150    | \$ 85.00    | \$ 12,750.00  |
| 16       | ***      | HIGH-EARLY-STRENGTH P.C.C. SIDEWALK, 5-INCH                    | SF   | 10,800 | \$ 14.00    | \$ 151,200.00 |
| 17       | 44000100 | PAVEMENT REMOVAL   | SY   | 3,125  | \$ 18.00    | \$ 56,250.00  |
| 18       | 44000198 | HOT-MIX ASPHALT SURFACE REMOVAL (VARIABLE DEPTH)               | SY   | 115    | \$ 20.00    | \$ 2,300.00   |
| 19       | ***      | DRIVEWAY AND ALLEY PAVEMENT REMOVAL                            | SY   | 160    | \$ 25.00    | \$ 4,000.00   |
| 20       | 44000500 | COMBINATION CURB AND GUTTER REMOVAL                            | LF   | 1,240  | \$ 6.00     | \$ 7,440.00   |
| 21       | 44000600 | SIDEWALK REMOVAL   | SF   | 10,800 | \$ 3.00     | \$ 32,400.00  |
| 22       | ***      | CONCRETE BARRIER WALL REMOVAL                                  | CY   | 47     | \$ 700.00   | \$ 32,900.00  |
| 23       | 44003100 | MEDIAN REMOVAL   | SF   | 390    | \$ 8.00     | \$ 3,120.00   |
| 24       | 50102500 | CONCRETE REMOVAL (SPECIAL)                                     | CY   | 3      | \$ 800.00   | \$ 2,400.00   |
| 25       | 50901765 | PIPE HANDRAIL (SPECIAL)  | LF   | 825    | \$ 70.00    | \$ 57,750.00  |
| 26       | ***      | STORM SEWERS, DIP, CLASS 52, 8-INCH                            | LF   | 40     | \$ 200.00   | \$ 8,000.00   |
| 27       | ***      | STORM SEWERS, ESVCP, TYPE 2, 15-INCH                           | LF   | 56     | \$ 180.00   | \$ 10,080.00  |
| 28       | ***      | STORM SEWERS, DIP, CLASS 52, 18-INCH                           | LF   | 312    | \$ 250.00   | \$ 78,000.00  |
| 29       | ***      | STORM SEWERS, DIP, CLASS 52, 42-INCH                           | LF   | 600    | \$ 480.00   | \$ 288,000.00 |
| 30       | 60100905 | PIPE DRAIN, DIP, 4-INCH  | LF   | 20     | \$ 120.00   | \$ 2,400.00   |
| 31       | ***      | PIPE UNDERDRAIN, PESVCP, 6-INCH                                | LF   | 310    | \$ 65.00    | \$ 20,150.00  |
| 32       | ***      | TRENCH DRAIN   | LF   | 310    | \$ 110.00   | \$ 34,100.00  |
| 33       | ***      | DUCTILE IRON SADDLE OUTLET CONNECTION, 8-INCH DIA.             | EA   | 6      | \$ 2,000.00 | \$ 12,000.00  |
| 34       | ***      | PIPE INSERTED CHECK VALVE, 8-INCH DIA.                         | EA   | 2      | \$ 2,000.00 | \$ 4,000.00   |
| 35       | ***      | MANHOLE OR CATCHBASIN TO BE REMOVED                            | EA   | 8      | \$ 350.00   | \$ 2,800.00   |
| 36       | ***      | GROUT SEWER  | CY   | 11     | \$ 150.00   | \$ 1,650.00   |
| 37       | ***      | MANHOLE, CATCHBASIN, INLET OR WATER VALVE BASIN TO BE ADJUSTED | EA   | 4      | \$ 600.00   | \$ 2,400.00   |
| 38       | ***      | CITY ELECTRIC MANHOLE OR HANDHOLE TO BE ADJUSTED               | EA   | 2      | \$ 600.00   | \$ 1,200.00   |
| 39       | ***      | ADDITIONAL MASONRY   | VLF  | 5      | \$ 150.00   | \$ 750.00     |
| 40       | ***      | DRAIN PIPE REPLACEMENT   | LF   | 10     | \$ 110.00   | \$ 1,100.00   |
| 41       | ***      | INLET, TYPE A (INCLUDING FRAME & LID)                          | EA   | 2      | \$ 3,000.00 | \$ 6,000.00   |
| 42       | ***      | CATCHBASIN, TYPE A, 4' DIAMETER (INCLUDING FRAME AND LID)      | EA   | 6      | \$ 5,000.00 | \$ 30,000.00  |
| 43       | ***      | CATCHBASIN, 6 FT. DIA., SPECIAL (INCLUDING FRAME AND LID)      | EA   | 2      | \$ 8,000.00 | \$ 16,000.00  |

**ENGINEER'S ESTIMATE  
VERTICAL CLEARANCE IMPROVEMENTS - 79TH LEAVITT ST  
CDOT PROJ NO. B-6-128**

10/7/2009

|    |          |   |      |       |                   |                        |
|----|----------|---|------|-------|-------------------|------------------------|
| 44 | ***      | MANHOLE, TYPE A (INCLUDING FRAME AND LID)   | EA   | 4     | \$ 15,000.00      | \$ 60,000.00           |
| 45 | 60401705 | FRAMES, SPECIAL   | EA   | 4     | \$ 250.00         | \$ 1,000.00            |
| 46 | 60404200 | LIDS, SPECIAL   | EA   | 4     | \$ 250.00         | \$ 1,000.00            |
| 47 | ***      | HIGH-EARLY- STRENGTH COMBINATION CONCRETE CURB AND GUTTER, TYPE B-V.12                      | LF   | 415   | \$ 30.00          | \$ 12,450.00           |
| 48 | ***      | HIGH-EARLY-STRENGTH COMBINATION CONCRETE CURB AND GUTTER (SPECIAL)                          | LF   | 825   | \$ 85.00          | \$ 70,125.00           |
| 49 | ***      | HIGH-EARLY-STRENGTH CONCRETE CURB, TYPE 4   | LF   | 20    | \$ 25.00          | \$ 500.00              |
| 50 | ***      | CLASS "SI" CONCRETE (MISCELLANEOUS)   | CY   | 2     | \$ 750.00         | \$ 1,500.00            |
| 51 | 67000400 | ENGINEER'S FIELD OFFICE, TYPE A   | CM   | 6     | \$ 3,000.00       | \$ 18,000.00           |
| 52 | 70101700 | TRAFFIC CONTROL AND PROTECTION  | LS   | 1     | \$ 100,000.00     | \$ 100,000.00          |
| 53 | 70400100 | TEMPORARY CONCRETE BARRIER  | LF   | 80    | \$ 50.00          | \$ 4,000.00            |
| 54 | 78005110 | EPOXY PAVEMENT MARKING - LINE 4-INCH  | LF   | 1,830 | \$ 3.00           | \$ 5,490.00            |
| 55 | 78005150 | EPOXY PAVEMENT MARKING - LINE 12-INCH   | LF   | 30    | \$ 8.00           | \$ 240.00              |
| 56 | Z0018900 | DRILL & GROUT DOWEL BARS  | EA   | 70    | \$ 25.00          | \$ 1,750.00            |
| 57 | Z0019600 | DUST CONTROL WATERING   | UNIT | 1     | \$ 200.00         | \$ 200.00              |
| 58 | Z0030020 | IMPACT ATTENUATOR (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2                                 | EA   | 2     | \$ 16,000.00      | \$ 32,000.00           |
| 59 | Z0048665 | RAILROAD PROTECTIVE LIABILITY INSURANCE   | LS   | 1     | \$ 25,000.00      | \$ 25,000.00           |
| 60 | XX002866 | CONCRETE BARRIER WALL (SPECIAL)   | CY   | 67    | \$ 800.00         | \$ 53,600.00           |
| 61 | ***      | EROSION AND SEDIMENT CONTROL  | LS   | 1     | \$ 10,000.00      | \$ 10,000.00           |
| 62 | ***      | FURNISH SIGN TYPE 1, NON-REFLECTIVE, DOUBLE SIDED   | SF   | 3     | \$ 35.00          | \$ 105.00              |
| 63 | ***      | FURNISH SIGN TYPE 1, REFLECTIVE, TYPE A, DOUBLE-SIDED                                       | SF   | 9     | \$ 50.00          | \$ 450.00              |
| 64 | ***      | FURNISH SIGN TYPE 1, REFLECTIVE, TYPE A, SINGLE-SIDED                                       | SF   | 4     | \$ 45.00          | \$ 180.00              |
| 65 | ***      | FURNISH AND INSTALL POLE, DRILL METHOD  | EA   | 1     | \$ 350.00         | \$ 350.00              |
| 66 | ***      | INSTALL SIGN PANEL (CENTER, FLAG OR BACK-TO-BACK MOUNT)                                     | EA   | 7     | \$ 65.00          | \$ 455.00              |
| 67 | ***      | REMOVE EXISTING SIGN PANEL AND SALVAGE  | EA   | 7     | \$ 65.00          | \$ 455.00              |
| 68 | ***      | REMOVE EXISTING SIGN PANEL AND POLE ASSEMBLY FROM PARKWAY / SIDEWALK AND SALVAGE            | EA   | 1     | \$ 150.00         | \$ 150.00              |
| 69 | ***      | REMOVE EXISTING SIGN PANEL AND POLE ASSEMBLY FROM SIDEWALK / PARKWAY, SALVAGE AND REINSTALL | EA   | 1     | \$ 200.00         | \$ 200.00              |
| 70 | ***      | WATERMAIN INSTALLED IN OPEN CUT - 8 INCH  | LF   | 230   | \$ 325.00         | \$ 74,750.00           |
| 71 | ***      | WATERMAIN INSTALLED IN OPEN CUT - 12 INCH   | LF   | 385   | \$ 500.00         | \$ 192,500.00          |
| 72 | ***      | VALVE INSTALLATION - 8 INCH   | EA   | 2     | \$ 10,000.00      | \$ 20,000.00           |
| 73 | ***      | VALVE INSTALLATION - 12 INCH  | EA   | 2     | \$ 15,000.00      | \$ 30,000.00           |
| 74 | ***      | HYDRANT INSTALLATION  | EA   | 2     | \$ 15,000.00      | \$ 30,000.00           |
| 75 | ***      | 8 INCH SIDE CONNECTION TO 12"   | EA   | 2     | \$ 20,000.00      | \$ 40,000.00           |
|    |          |   |      |       | <b>SUB-TOTAL1</b> | <b>\$ 2,191,900.00</b> |
|    |          |   |      |       | 10% CONTINGENCY   | <b>\$ 219,190.00</b>   |
|    |          |   |      |       | <b>SUB-TOTAL2</b> | <b>\$ 2,411,090.00</b> |
|    |          |   |      |       | 12% SUPERVISION   | <b>\$ 289,330.80</b>   |
|    |          |   |      |       | BOE FA            | <b>\$ 250,000.00</b>   |
|    |          |   |      |       | CDWM FA           | <b>\$ 50,000.00</b>    |
|    |          |   |      |       | RR FA             | <b>\$ 30,000.00</b>    |
|    |          |   |      |       | <b>TOTAL</b>      | <b>\$ 3,030,420.80</b> |