



# Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

September 7, 2005

SUBJECT: FAI Route 94/90

Project ACIM-094-3(398)055

Section (1818, ETC, 2324.6-1P)R-9

Cook County, Contract No. 62302

Item No. 2X, October 7, 2005 Letting

Addendum A

## **NOTICE TO PROSPECTIVE BIDDERS:**

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

1. Revised page v of the Table of Contents
2. Revised pages 4 – 9 & 153 of the Special Provisions.
3. Added pages 250 - 259 to the Special Provisions.
4. Revised entire Schedule of Prices.
5. Revised sheets 3 – 12, 14 – 21, 23 – 34, 50, 52, 57, 59, 60 – 68, 86, 90, 91, 94 – 96, 100 – 105, 111, 120, 122, 125, 132 – 154, 156, 158, 159, 161 – 163, 168, 171 – 194, 196 – 198, 200, 202, 208 – 210, 214 – 220, 222, 224, 226, 239, 256, 266, 267, 269, 270, 274, 278 – 285, 292, 298 – 300, 303, 304, 315, 316, 320, 321, 324, 329, 331, 335, 336, 390, 400, 408, 409 - 424, 424A, 424B, 453 – 456, 475, 479, 481, 482, 502 – 543, 558 – 561, 567 – 589, 592, 593, 595, 597 and 598 of the Plans.
6. Added sheets 25A, 150A, 248A, 249A, 338A, 338B, 338C and 338D to the Plans.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

Michael L. Hine  
Engineer of Design  
and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' with a small 'P.E.' to the right.

By: Ted B. Walschleger, P. E.  
Engineer of Project Management

cc: Diane O'Keefe, Region 1, District 1; N. R. Stoner; Roger Driskell; R. E. Anderson;  
Estimates; Design & Environment File

TBW:TK:jc

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Revised 09-07-2005

**MAINTENANCE OF ROADWAYS**

Effective: September 30, 1985

Revised: November 1, 1996

Beginning on the date that work begins on this project, the Contractor shall assume responsibility for normal maintenance of all existing roadways within the limits of the improvement. This normal maintenance shall include all repair work deemed necessary by the Engineer, but shall not include snow removal operations. Traffic control and protection for maintenance of roadways will be provided by the Contractor as required by the Engineer.

If items of work have not been provided in the contract, or otherwise specified for payment, such items, including the accompanying traffic control and protection required by the Engineer, will be paid for in accordance with Article 109.04 of the Standard Specifications.

**STATUS OF UTILITIES TO BE ADJUSTED**

| Name of Utility | Type           | Location                                    | Estimated Dates for Start and Completion of Relocation or Adjustment  |
|-----------------|----------------|---|---|
| City of Chicago | 54" Sewer      | approx Sta. 1385+44                         | Sewer to remain in place. Contractor responsible for pipe protection during construction per plan drawings and for permanent sewer cap protection as per plan.      |
| City of Chicago | 36" Water Main | approx Sta. 1533+36 (46 <sup>th</sup> St.)  | Water Main to remain in place. Contractor responsible for pipe protection during construction per plan drawings and for permanent sewer cap protection as per plan. |
| City of Chicago | 24" Water main | Approx. Sta. 1543+92 (45 <sup>th</sup> St.) | Existing water main abandoned and new 24" water main in 42" casing pipe constructed under Contract 62692.   |
| City of Chicago | 60" sewer      | Approx. Sta. 1546+42 (44 <sup>th</sup> Pl.) | Sewer to remain in place. Contractor responsible for pipe protection during construction.   |

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FAI Route 94/90 (Dan Ryan Expressway)  
 31st Street to 71st Street (SB Express Lanes)  
 Section (1818, ETC, 2324.6-1P)R-9  
 Cook County

|                           |                                 |  |  |
|---------------------------|---------------------------------|--|--|
| City of Chicago           | 6-D City Electric Duct Crossing | Approx. Sta. 1588+98 (38 <sup>th</sup> St.)              | Conflicting information has been received. S.U.E. Quality Level "A" test holes have been requested for this duct. No elevation information on this duct crossing is currently available.   |
| City of Chicago           | 24" water main                  | Approx. Sta. 1595+02 (37 <sup>th</sup> St.)              | Existing water main abandoned and new 24" water main in 42" casing pipe constructed under Contract 62691.  |
| City of Chicago           | 36" watermain                   | Approx. Sta. 1628+30 (32 <sup>nd</sup> St.)              | Existing water main abandoned and new 36" water main in 54" casing pipe constructed under Contract 62691.  |
| Chicago Transit Authority | Various                         | From Station 1367+00 to Station 1638+44 (project limits) | The Contractor is alerted that there are existing surface and underground facilities within the CTA operating area. These facilities may include, but are not limited to, Power Distribution Cables, Train Control Signal Cables, and Communication Service Lines. The exact location of these facilities is not known. It will be the Contractor's responsibility to obtain this information from the CTA before proceeding with any work within the CTA operating area. Extreme caution must be exercised by the Contractor when doing any excavation or other sub-surface work within the CTA operating area. |

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|                           |                                     |   |  |
|---------------------------|-------------------------------------|---|--|
| Chicago Transit Authority | Electrical Duct in 54" Steel Casing | Approx. Sta. 1578+18 (40 <sup>rd</sup> St.) | There is no anticipated conflict with this duct crossing.  |
| Chicago Transit Authority | 1" water supply                     | Approx. Sta. 1621+65 (33 <sup>rd</sup> St.) | New 1" service line constructed under Contract 62691   |
| People's Energy           | 24" Gas                             | approx Sta. 1372+04 (70 <sup>th</sup> St.)  | There is no anticipated conflict with this gas main.   |
| People's Energy           | 16" Gas Main                        | approx. Sta. 1421+50 (63 <sup>rd</sup> St.) | Per People Energy this gas main crossing has been purged and abandoned, People Energy has tested gas main and found no contamination. Contractor shall remove the existing pipe if it is in conflict                               |
| People's Energy           | 20" Gas Main                        | approx. Sta. 2461+84 (57 <sup>th</sup> St.) | Proposed underdrains may be in conflict with this gas main. The gas main will remain in place and a note will be added to the status of utilities that underdrain profiles may have to be adjusted in the field to avoid conflict. |
| People's Energy           | 20" Gas Main                        | approx. Sta. 1527+11 (47 <sup>th</sup> St.) | Proposed underdrains may be in conflict with this gas main. The gas main will remain in place and a note will be added to the status of utilities that underdrain profiles may have to be adjusted in the field to avoid conflict. |
| People's Energy           | 36" Gas Main                        | Approx. Sta. 1628+89 (32 <sup>nd</sup> St.) | There is no anticipated conflict with this gas main crossing.  |
| SBC                       | 9-MCD                               | Approx. Sta. 1636+20 (31 <sup>st</sup> St.) | There is no anticipated conflict with this duct crossing.  |

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|     |                      |   |   |
|-----|----------------------|---|---|
| SBC | 48" Duct             | Approx. Sta.<br>1595+94<br>(37 <sup>th</sup> St.) | There is no anticipated conflict with this duct crossing.   |
| SBC | 18-MCD<br>(24" Duct) | Approx. Sta.<br>1580+19<br>(39 <sup>th</sup> St.) | There is no anticipated conflict with this duct crossing.   |
| SBC | 36-MCD               | Approx. Sta.<br>1565+19<br>(Root St.)             | SBC is in proposed excavate and place existing granular mat. Contractor must use extreme caution                    |
| SBC | 36-MTD               | Approx. Sta.<br>1542+87<br>(45 <sup>th</sup> St.) | There is no anticipated conflict with this crossing.  |
| SBC | 36-MTD               | Approx. Sta.<br>1537+45<br>(46 <sup>th</sup> St.) | There is no anticipated conflict with this crossing.  |
| SBC | 18-MTD               | (51 <sup>st</sup> St.)                            | According to SBC this crossing is about 5 feet deep should not be in conflict for pavement structure reconstruction |
| SBC | Duct                 | Approx. Sta.<br>1441+42 (60 <sup>th</sup> St.)    | SBC indicated that this duct is abandoned. It is not in conflict with proposed construction.                        |
| SBC | 30-MTD               | Approx. Sta.<br>1423+01 (63 <sup>rd</sup> St.)    | There is no anticipated conflict with this duct crossing.   |
| SBC | 36-MTD Crossing      | Approx. Sta.<br>1412+87<br>(Wentworth Ave.)       | There is no anticipated conflict with duct crossing   |
| SBC | 18-MTD               | Approx. Sta.<br>1378+20 (69 <sup>th</sup> St.)    | There is no anticipated conflict with this duct crossing.   |

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|       |                   |   |  |
|-------|-------------------|---|--|
| ComEd | 15" Concrete Duct | Approx. Sta.<br>1634+80 (31 <sup>st</sup><br>St.) | Duct is currently not in use, carrying no ComEd cables. ComEd indicated that this duct does not need to be maintained, but would like to keep it if possible. This duct should remain in place if possible. No reliable elevation information on this duct is currently available. |
| ComEd | 15" Concrete Duct | Approx. Sta.<br>1565+43 (Root<br>St.)             | This duct is currently not in use, carrying no Com Ed cables<br>If this crossing is in conflict, Com ED is responsible for removal. or protection Otherwise, Contractor must use extreme caution   |
| ComEd | 6H x 3W Duct      | Approx. Sta.<br>1551+55 (44 <sup>th</sup><br>St.) | There are no anticipated conflicts with this duct crossing.  |
| ComEd | 6H x 3W Duct      | Approx. Sta.<br>1441+83 (60 <sup>th</sup><br>St.) | ComEd is removing the top 3 rows (33" approx) from this duct package because of a conflict with contract 62586. No conflict is anticipated with this contract.   |
| ComEd | Duct              | Approx. Sta.<br>1421+58 (63 <sup>rd</sup><br>St.) | Top two rows of duct were removed in contract 62589 and can be removed as needed for the express lane reconstruction   |
| ComEd | Duct              | Approx. Sta.<br>1379+75 (69 <sup>th</sup><br>St.) | There are no anticipated conflicts with this duct crossing.  |

The above represents the best information available to the Department and is included for the convenience of the bidder. The applicable portions of Article 105.07 and 107.31 of the Standard Specifications shall apply.

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**CONTRACTOR COOPERATION**

The Contractor's attention is directed to the fact that other separate contracts may be under construction during the duration of this Contract and that the Contractor will be governed by Article 105.08 of the Standard Specifications.

The Contractor will coordinate proposed project start dates and sequence of construction with the Engineer and other Contractors to present an effective and timely schedule for successful completion of the project.

No additional compensation will be allowed the Contractor for the above requirements or for any delays or inconvenience resulting from the activities of other contractors.

**COORDINATION WITH ADJACENT AND/OR OVERLAPPING CONTRACTS**

This Contract abuts and/or overlaps with other concurrent Contracts as listed below. Each Contract includes work items requiring close coordination between the Contractors regarding the sequence and timing for the execution of such work items.

- |                               |   |
|-------------------------------|---|
| Contract 60308 (Dan Ryan # 4) | Bridge Rehabilitation at Root Street                |
| Contract 62583 (Dan Ryan #2)  | Lighting and Surveillance Design                    |
| Contract 62585 (Dan Ryan #5)  | NB Ramps from 31 <sup>st</sup> St. to Pershing Road |

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OVERALL GOAL SET FOR THE DEPARTMENT. As a requirement of compliance with 49 CFR part 26, the Department has set an overall goal for DBE participation in its federally assisted contracts. That goal applies to all federal-aid funds the Department will expend in its federally assisted contracts for the subject reporting fiscal year. The Department is required to make a good faith effort to achieve the overall goal. The dollar amount paid to all approved DBE firms performing work called for in this contract is eligible to be credited toward fulfillment of the Department's overall goal.

CONTRACT GOAL TO BE ACHIEVED BY THE CONTRACTOR. This contract includes a specific DBE utilization goal established by the Department. The goal has been included because the Department has determined that the work of this contract has subcontracting opportunities that may be suitable for performance by DBE companies. This determination is based on an assessment of the type of work, the location of the work, and the availability of DBE companies to do a part of the work. The assessment indicates that, in the absence of unlawful discrimination, and in an arena of fair and open competition, DBE companies can be expected to perform 20.00% of the work. This percentage is set as the DBE participation goal for this contract. Consequently, in addition to the other award criteria established for this contract, the Department will award this contract to a bidder who makes a good faith effort to meet this goal of DBE participation in the performance of the work. A bidder makes a good faith effort for award consideration if either of the following is done in accordance with the procedures set forth in this Special Provision:

- (a) The bidder documents that firmly committed DBE participation has been obtained to meet the goal; or
- (b) The bidder documents that a good faith effort has been made to meet the goal, even though the effort did not succeed in obtaining enough DBE participation to meet the goal.

DBE LOCATOR REFERENCES. Bidders may consult the DBE Directory as a reference source for DBE companies certified by the Department. In addition, the Department maintains a letting and item specific DBE locator information system whereby DBE companies can register their interest in providing quotes on particular bid items advertised for letting. Information concerning DBE companies willing to quote work for particular contracts may be obtained by contacting the Department's Bureau of Small Business Enterprises at telephone number (217)785-4611, or by visiting the Department's web site at [www.dot.state.il.us](http://www.dot.state.il.us).

BIDDING PROCEDURES. Compliance with the bidding procedures of this Special Provision is required prior to the award of the contract and the failure of the as-read low bidder to comply will render the bid not responsive.

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## RECLAIMED GRANULAR MATERIAL

An existing granular sub-base/subgrade of variable thickness is present beneath the Dan Ryan Expressway. The contractor shall reclaim the clean, existing aggregate material from beneath the existing pavement and reuse that material as the 12 inches layer of aggregate below the Aggregate Sub-base, Type B, 12" inches specified in the Special Provision for Extended Life Concrete Pavement (30 Year). The existing granular material is to be removed down to the bottom of the earthen subgrade or to depth of 44 inches below the proposed top of pavement, which ever depth is reached first. Any surplus materials not needed for the 12 inch layer or not meeting the gradation requirements shall be disposed of by the contractor according to Article 202.03 of Standard Specifications.

To be used in reconstruction, the reclaimed aggregate shall meet the minimum gradation requirements as follows:

| <u>Sieve Size</u> | <u>Percent Passing</u> |
|-------------------|------------------------|
| inch              | 100                    |
| 1 inch            | 60-100                 |
| ½ inch            | 50-90                  |
| # 4 sieve         | 10-60                  |
| #16 sieve         | 10-50                  |
| #200 sieve        | 0-15                   |

The reclaimed aggregate is to be placed below bottom of sub-base granular material type B-12" and compacted in accordance with applicable portions of Section 311 of the Standard Specifications. It may also be substituted for Porous Granular Embankment Subgrade. Use of this material will not be permitted in the Sub-base Granular Material Type B 12". The contractor is responsible to prevent contamination during excavation and handling and is responsible for proper stockpiling procedures. In areas where the granular material does not extend down to a depth of 44 inches below the proposed top of pavement, the remaining earthen subgrade should be excavated to the grades shown in the plans in accordance with the applicable portions of Section 202 of Standard Specifications.

Method of Measurement. This work will be measured for payment in their original positions, as EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL and the volumes computed in cubic yards by the method of average end areas.

EARTH EXCAVATION shall be measured for payment in accordance with Section 202 of the Standard Specifications.

Basis of Payment. The use of reclaimed sub-base granular material will be paid for at the contract unit price per cubic yard for EXCAVATE AND PLACE EXISTING GRANULAR MATERIAL, which price shall include excavation, stockpiling, placing, and compacting the granular material. Earth excavations will be paid for at contract unit price per cubic yard for EARTH EXCAVATION.

Added 09-07-2005

## **NON-SPECIAL WASTE WORKING CONDITIONS**

This work shall be according to Article 669 of the Standard Specifications for Road and Bridge Construction adopted January 1, 2002 and the following:

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is prequalified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval.

General. Implementation of this Special Provision will likely require the Contractor to subcontract for the execution of certain activities. It will be the Contractor's responsibility to assess the working conditions and adjust anticipated production rates accordingly.

The Contractor shall manage all contaminated materials as non-special waste as previously identified. This work shall include monitoring and potential sampling, analytical testing, and management of material contaminated by regulated substances.

The Contractor shall excavate and dispose of any soil classified as a non-special waste as directed by this project or the Engineer. Any excavation or disposal beyond what is required by this project or the Engineer shall be at the Contractor's expense. The information provided by the District and preliminary environmental site assessment (PESA) report, available through the District's Environmental Studies Unit, revealed the following locations must be continuously monitored for worker protection and soil contamination. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit which ever is less. The Environmental Firm shall continuously monitor for worker protection and soil contamination within the following areas as classified below.

1. Station 1373+00 to Station 1385+00 (proposed SB Express I-94 CL) 0 to 60 feet LT 0 to 10 feet RT – non-special waste. Contaminants of concern sampling parameters: BETX and PNAs.
2. Station 1520+00 to Station 1536+00 (proposed SB Express I-94 CL) 0 to 80 feet LT 0 to 15 feet RT – non-special waste. Contaminants of concern sampling parameters: BETX and PNAs.

## **PROGRESS SCHEDULE**

Description. This work shall consist of preparing, revising and updating a detailed progress schedule based upon the Critical Path Method (CPM). This work shall also consist of performing time impact analysis of the progress schedule based upon the various revisions and updates as they occur.

Requirements. The software shall produce an electronic progress schedule for submission to the department that is 100% compatible with Primavera SureTrak 3.0 Project Manager, published by Primavera Systems, Inc.

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Format. The electronic schedule format shall contain the following:

- (a) Project Name: (Optional).
- (b) Template: Construction.
- (c) Type: SureTrak: Native file format for stand-alone contracts.
- (d) Planning Unit: Days (calendar working).
- (e) Number/Version: Original or updated number.
- (f) Start Date: Not later than ten days after execution of the contract.
- (g) Must Finish Date: Completion date for completion date contracts.
- (h) Project Title: Contract number.
- (i) Company Name: Contractor's name.

Calendars.

- (a) Completion Date Contracts. The base calendar shall show the proposed working days of the week and the proposed number of work hours per day.
- (b) Working Days Contracts. The base calendar shall show the distribution of working days according to the following table:

| MONTH     | WORKING DAYS |
|-----------|--------------|
| MAY       | 15           |
| JUNE      | 17           |
| JULY      | 17           |
| AUGUST    | 17           |
| SEPTEMBER | 16           |
| OCTOBER   | 16           |
| NOVEMBER  | 14           |

The number of days shown above shall not be exceeded. The proposed number of hours to be worked per day shall also be shown. No work shall be shown during the period of December 1 and April 30.

Schedule Development. The detailed schedule shall incorporate the entire contract time. The minimum number of activities shown on the schedule shall represent the work incorporating the pay items whose aggregate contract value constitutes 80 percent of the total contract value. These pay items shall be determined by starting with the pay item with the largest individual contract value and adding subsequent pay item contract values in descending order until 80 percent of the contract value has been attained. Any additional activities required to maintain the continuity of the schedule logic shall also be shown.

The following shall be depicted in the schedule for each activity:

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- (a) Activity Identification (ID) Numbers. The Contract shall utilize numerical designations to identify each activity. Numbering of activities shall be in increments of not less than ten digits.
- (b) A description of the work represented by the activity (maximum forty-five characters). The use of descriptions referring to a percentage of a multi-element item (i.e., construct deck 50%) shall not be used. Separate activities shall be included to represent different elements of multi-element items (i.e., forms, reinforcing, concrete, etc.). Multiple activities with the same work description shall include a location as part of the description.
- (c) Proposed activity duration shall be shown in whole days. The Contractor shall provide production rates to justify the activity duration. Schedule duration shall be contiguous and not interruptible.

The schedule shall indicate the sequence and interdependence of activities required for the prosecution of the work. The schedule logic shall not be violated.

Activities should be broken down such each activity encompasses a single operation or tightly-integrated operations in a single, contiguous and continuous area of the project, with no activity exceeding \$200,000 without the consent of the Engineer.

Total Float shall be calculated as finish float. The schedule shall be calculated using retained logic. The Contractor shall not sequester float by calendar manipulations or extended duration. Float is not for the exclusive use or benefit of either the Department or the Contractor.

#### Tabular Reports.

- (a) The following tabular reports will be required with each schedule submission:
  - (1) Classic Gantt
  - (2) Pert with Time Scale
- (b) The heading of each tabular report shall include, but not be limited to, the project name, contract number, Contractor name, report date, data date, report title and page number.
- (c) Each of the tabular reports shall also contain the following minimum information for each activity.
  - (1) Activity ID
  - (2) Activity Description
  - (3) Original Duration (calendar day/working day)
  - (4) Remaining Duration (calendar day/working day)
  - (5) Activity Description

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- (6) Early Start Date
- (7) Late Start Date
- (8) Early Finish Date
- (9) Late Finish Date
- (10) Percent Complete
- (11) Total Float
- (12) Calendar ID
- (13) Work performed by DBE Subcontractors and Trainees shall be shown in the Gantt Report.

- (d) Reports shall be printed in color on 11 in. x 17 in. (minimum) size sheets. The Classic Gantt shall show all columns, bars, column headings at the top, time scale at the top and shall show relationships.

Submission Requirements. The initial schedule shall be submitted prior to starting work but no later than five calendar days after execution of the contract. Updated schedules shall be submitted according to Article 108.02 except that as a minimum, updated schedules will be required at the 25, 50, and 75 percent completion points of the contract. The Engineer will withhold progress payments if the Contractor does not submit acceptable initial or updated schedules as required.

Updating.

- (a) The Contractor shall not make any changes to the original duration, activity relationships, constraints, costs, add or delete activities, or alter the schedule's logic when updating the schedule.
- (b) The originally approved baseline CPM schedule will be designated as the "Target Schedule" and shall only be changed based on a Change Order that extends the Contract duration. All updates will be plotted against the "Target Schedule." If the Contractor believes any such changes result in an overall increase in the contract time, the Contractor shall immediately submit a request for extension of time along with the changed progress schedule and a detailed justification for the time extension request in accordance with Article 108.08.
- (c) The updated information shall include the original schedule detail and the following additional information:
  - (1) Actual start dates
  - (2) Actual finish dates
  - (3) Activity percent completion
  - (4) Remaining duration of activities in progress
  - (5) Identified or highlighted critical activities

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- (d) The Contractor shall submit scheduling documents in the same formats and number as indicated in this section.
- (e) Upon receipt of the CPM schedule update, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer, within fourteen (14) Days after receipt of the Updated CPM Schedule and supporting documents, will approve or reject it with written comments. If the Updated CPM schedule is rejected, the Contractor must submit a Revised Updated CPM Schedule within seven (7) Days after the date of rejection.
- (f) The updated progress schedule must accurately represent the Project's current status.

#### Contractor Changes to the Schedule.

The Contractor shall comply with the following requirements regarding proposed changes to the approved baseline CPM schedule:

- (a) If the Contractor proposes to make any changes in the approved baseline CPM schedule, Contractor shall notify the Engineer in writing, stating the reasons for the change, identifying each changed activity (including duration and interrelationships between activities) and providing a diskette of the proposed changed schedule. Every effort shall be made by the contractor to retain the original Activity ID numbers.
- (b) The Engineer has the authority to approve or disapprove the proposed change in the baseline CPM schedule and will do so in writing within ten (10) Days after receipt to the Contractor's submission. If the Engineer approves the change in the baseline all monthly updates shall be plotted against the new "Target Schedule."
- (c) If the Engineer approves a portion of the change to the baseline CPM schedule, the Contractor shall submit a revised CPM schedule incorporating such change(s) within ten (10) Days after approval along with a written description of the changes(s) to the schedule.

#### Recovery Schedule.

- (a) The Contractor shall maintain an adequate work force and the necessary materials, supplies and equipment to meet the current approved baseline CPM schedule. In the event that the Contractor, in the judgment of the Engineer, is failing to meet the approved CPM schedule including any Contract milestones, the Contractor shall submit a recovery schedule.
- (b) The recovery schedule shall set forth a plan to eliminate the schedule slippage (negative float). The plan must be specific to show the methods to achieve the recovery of time, i.e. increasing manpower, working overtime, weekend work, employing multiple shifts. All costs associated with implementing the recovery schedule shall be at no additional cost to the Department.

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- (c) Upon receipt of the CPM recovery schedule, the Engineer will review the schedule for conformance with the Contract Documents and degree of detail. The Engineer will approve the schedule or reject it with written comments within fourteen (14) Days of receipt of the recovery schedule and supporting documents. If the detailed CPM recovery schedule is rejected, the Contractor shall submit a revised CPM recovery schedule within seven (7) Days of the date of rejection.

Revised Schedule.

- (a) The Engineer may direct the Contractor to revise the approved CPM schedule. Reasons for such direction may include, but are limited to, the following: (1) changes in the Work, (2) re-phasing of the Project or any phase, (3) a change in the duration of the Project or phase, and (4) acceleration of the Project or phase.
- (b) The Engineer will direct the Contractor to provide a revised CPM schedule in writing.
- (c) The Contractor shall provide the revised CPM schedule within ten (10) Days of receipt of the Engineer's written direction.
- (d) The Engineer has the authority, in its sole discretion, to approve or reject the revised CPM schedule and will do so in writing within ten (10) Days after receipt of the Contractor's submission. If the Engineer approves the revised schedule, such schedule will be designated the new "Target Schedule."

The schedule shall be submitted in the Sorted by Activity Layout (SORT4). The activities on the schedule shall be plotted using early start, late start, early finish, late finish and total finish.

For every schedule submission, the Contractor shall submit to the Engineer, four Windows XT compatible compact disks of all schedule data. Included on the disks shall be all of the tabular and graphic reports, network diagrams and bar chart data. Two copies shall be submitted on CD/R disks and two copies shall be submitted on CDD/RW disks. In addition, four plots of the CD/R disks will be approved initial or revised progress schedule for the contract. The approval will be documented by the Engineer on a corresponding plot of the schedule and returned to the Contractor.

Four copies of each schedule submission shall be printed in color on 11 in. x 17 in. (minimum) size sheets showing all columns, bars, column headings at the top, time scale at the top and showing relationships.

The schedule shall indicate the critical path to contract completion. Only one controlling item shall be designated at any point in time on the schedule.

Acceptance or approval of any progress schedule by the Engineer shall not be construed to imply approval of any particular method of construction, sequence of construction, any implied or stated rate of production. Acceptance will not act as a waiver of the obligation of the Contractor to complete the work in accordance with the contract proposal, plans and

Added 09-07-2005

specifications, modify any rights or obligations of the Department as set forth in the contract, nor imply any obligation of a third party. Acceptance shall not be construed to modify or amend the contract or the time limit(s) therein. Acceptance shall not relieve the Contractor of the responsibility for the accuracy of any of the information included on the schedule. Failure of the Contractor to include in the schedule any element of work required for the performance of the contract, any sequence of work required by the contract, or any known or anticipated condition affecting the work shall not excuse the Contractor from completing all work required within the time limit(s) specified in the contract notwithstanding acceptance of the schedule by the Engineer.

Basis of Payment. This work will not be paid for separately, but shall be considered as included in the costs of the various items of work in the contract.

### **PAYROLLS AND PAYROLL RECORDS (BDE)**

Effective: August 10, 2005

FEDERAL AID CONTRACTS. Add the following State of Illinois requirements to the Federal requirements contained in Section V of Form FHWA-1273:

“The payroll records shall include each worker’s name, address, telephone number, social security number, classification, rate of pay, number of hours worked each day, starting and ending times of work each day, total hours worked each week, itemized deductions made, and actual wages paid.

The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work. The submittals shall be on the Department’s form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box (“No Work”, “Suspended”, or “Complete”) checked on the form.”

STATE CONTRACTS. Revise Section IV of Check Sheet #5 of the Recurring Special Provisions to read:

#### **“IV.COMPLIANCE WITH THE PREVAILING WAGE ACT**

1. Prevailing Wages. All wages paid by the Contractor and each subcontractor shall be in compliance with The Prevailing Wage Act (820 ILCS 130), as amended, except where a prevailing wage violates a federal law, order, or ruling, the rate conforming to the federal law, order, or ruling shall govern. The Contractor shall be responsible to notify each subcontractor of the wage rates set forth in this contract and any revisions thereto. If the Department of Labor revises the wage rates, the Contractor will not be allowed additional compensation on account of said revisions.

Added 09-07-2005

2. Payroll Records. The Contractor and each subcontractor shall make and keep, for a period of three years from the date of completion of this contract, records of the wages paid to his/her workers. The payroll records shall include each worker's name, address, telephone number, social security number, classification, rate of pay, number of hours worked each day, starting and ending times of work each day, total hours worked each week, itemized deductions made, and actual wages paid. Upon two business days' notice, these records shall be available, at all reasonable hours at a location within the State, for inspection by the Department or the Department of Labor.
3. Submission of Payroll Records. The Contractor and each subcontractor shall submit payroll records to the Engineer each week from the start to the completion of their respective work. The submittals shall be on the Department's form SBE 48, or an approved facsimile. When there has been no activity during a work week, a payroll record shall still be submitted with the appropriate box ("No Work", "Suspended", or "Complete") checked on the form.

Each submittal shall be accompanied by a statement signed by the Contractor or subcontractor which avers that: (i) such records are true and accurate; (ii) the hourly rate paid to each worker is not less than the general prevailing rate of hourly wages required by the Act; and (iii) the Contractor or subcontractor is aware that filing a payroll record that he/she knows to be false is a Class B misdemeanor.

4. Employee Interviews. The Contractor and each subcontractor shall permit his/her employees to be interviewed on the job, during working hours, by compliance investigators of the Department or the Department of Labor."

## **POROUS GRANULAR EMBANKMENT, SUBGRADE**

This work consists of furnishing, placing, and compacting porous granular material to the lines and grades shown on the plans or as directed by the Engineer in accordance with applicable portions of Section 207 of the Standard Specifications. This work shall be done as field conditions warrant as determined by the Engineer.

The material shall be used as a bridging layer over soft, pumpy, loose soil and for placing under water and shall conform with Article 1004.06 of the Standard Specifications except the gradation shall be as follows:

1. Crushed Stone, Crushed Blast Furnace Slag and Crushed Concret

| <u>Sieve Size</u> | <u>Percent Passing</u> |
|-------------------|------------------------|
| 200mm (8 inches)  | 100                    |
| *150mm (6 inches) | 97±3                   |
| *100mm (4 inches) | 90±10                  |
| 50mm (2 inches)   | 45±25                  |
| 75 um (#200)      | 5±5                    |

Added 9/7/2005

2. Crushed Gravel

| <u>Sieve Size</u>  | <u>Percent Passing</u> |
|--------------------|------------------------|
| *150 mm (6 inches) | 100                    |
| *100 mm (4 inches) | 90±10                  |
| 50 mm (2 inches)   | 55±25                  |
| 4.75 mm (#4)       | 30±20                  |
| 75 um (#200)       | 5±5                    |

\*For undercut greater than 450 mm (18 inches) the percent passing the 150 mm (6 inches) sieve may be 90+/-10 and the 100 mm (4 inches) sieve requirements eliminated.

The porous granular material shall be placed in one lift when the total thickness to be placed is 600 mm (2 feet) or less or as directed by the Engineer. Each lift of the porous granular material shall be rolled with a vibratory roller meeting the requirements of Article 1101.01 of the Standard Specifications to obtain the desired keying or interlock and compaction. The Engineer shall verify that adequate keying has been obtained.

A 75 mm (3 inches) nominal thickness top lift of capping aggregate having a gradation of CA 6 will be required when Aggregate Subgrade is not specified in the contract and Porous Granular Embankment, Subgrade will be used under the pavement and shoulders. Capping aggregate will not be required when embankment meeting the requirements of Section 207 of the Standard Specifications or granular subbase is placed on top of the porous granular material.

Construction equipment not necessary for the completion of the replacement material will not be allowed on the undercut areas until completion of the recommended thickness of the porous granular embankment subgrade.

Full depth subgrade undercut shall occur at limits determined by the Engineer. A transition slope to the full depth of undercut shall be made outside of the undercut limits at a taper of 300 mm (1 foot) longitudinal per 25 mm (1 inch) depth below the proposed subgrade or bottom of the proposed aggregate subgrade when included in the contract.

If the Engineer determines this work is warranted, the work will be paid for according to Article 109.04 of the Standard Specifications.

Added 9/7/2005

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 Code - 31 - -  
 District - 1 - -  
 Section Number - (1818,ETC,2324.6-1P)R-9

Project Number  
 ACIM-0943/398/055

Route  
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 (SB)

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| Item Number | Pay Item Description  | Unit of Measure | Quantity    | x | Unit Price | = | Total Price |
|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| XX001854    | STAB SUB-BASE 6       | SQ YD           | 215,848.000 |   |            |   |             |
| XX004201    | PAVT REINFORCEMENT 14 | SQ YD           | 146,672.000 |   |            |   |             |
| XX004812    | VIDEO TAPE OF SEWERS  | FOOT            | 713.000     |   |            |   |             |
| XX005489    | STEEL CASING 48       | FOOT            | 85.000      |   |            |   |             |
| X0320870    | BRACED EXCAVATION     | CU YD           | 5,499.000   |   |            |   |             |
| X0322256    | TEMP INFO SIGNING     | SQ FT           | 957.000     |   |            |   |             |
| X0323221    | PLUG & ABAND EX PIPE  | CU YD           | 341.000     |   |            |   |             |
| X0323426    | SED CONT DR ST INL CL | EACH            | 222.000     |   |            |   |             |
| X0323988    | TEMP SOIL RETEN SYSTM | SQ FT           | 51,203.000  |   |            |   |             |
| X0324112    | BARRIER BASE          | FOOT            | 28,985.000  |   |            |   |             |
| X0324431    | TEMP SOIL RET SYS RIP | SQ FT           | 16,000.000  |   |            |   |             |
| X0324455    | DRILL/SET SOLD P SOIL | CU FT           | 37,649.000  |   |            |   |             |
| X0324697    | SOIL STABILIZERS      | POUND           | 163,129.000 |   |            |   |             |
| X0324698    | APPLY DUST SUP AGENTS | UNIT            | 95.000      |   |            |   |             |
| X0325080    | VIDEO TAPING MWRD CUL | FOOT            | 245.000     |   |            |   |             |

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|-------------|-----------------------|-----------------|------------|---|------------|---|-------------|
| X0325081    | CONC SLAB HY DEM      | SQ YD           | 237.000    |   |            |   |             |
| X0325082    | CTA BAR REM           | FOOT            | 22,239.000 |   |            |   |             |
| X0325083    | CTA FENCE             | FOOT            | 21,805.000 |   |            |   |             |
| X0325084    | CTA GATES             | EACH            | 24.000     |   |            |   |             |
| X0325085    | TEMP PAVT INTERSTATE  | SQ YD           | 10,717.000 |   |            |   |             |
| X0325086    | TEMP CTA BALLAST RET  | L SUM           | 1.000      |   |            |   |             |
| X2020300    | EXC & PL EX GRAN MATL | CU YD           | 56,192.000 |   |            |   |             |
| X4210400    | LUG SYSTEM REMOVAL    | EACH            | 2.000      |   |            |   |             |
| X4810100    | TEMP SHOULDERS        | SQ YD           | 7,713.000  |   |            |   |             |
| X4834090    | PCC SHOULDERS 14      | SQ YD           | 58,371.000 |   |            |   |             |
| X5120905    | FUR SOLD PILE W 12X72 | FOOT            | 1,520.000  |   |            |   |             |
| X5120907    | FUR SOLD PIL W 12X120 | FOOT            | 9,180.000  |   |            |   |             |
| X5120952    | FUR SOLD PIL W 24X106 | FOOT            | 5,120.000  |   |            |   |             |
| X6020166    | DR STR T1 SP 2T20F&G  | EACH            | 53.000     |   |            |   |             |
| X6020167    | DR STR T2 SP 2T22F&G  | EACH            | 4.000      |   |            |   |             |

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|-------------|-----------------------|-----------------|------------|---|------------|---|-------------|
| X6063600    | COMB CC&G TM4.24      | FOOT            | 674.000    |   |            |   |             |
| X6370910    | CONC BAR 1F 32HT      | FOOT            | 2,672.000  |   |            |   |             |
| X6370925    | CONC BAR 1F 42 SPL    | FOOT            | 21,311.000 |   |            |   |             |
| X6370927    | CONC BAR 1F 72 SPL    | FOOT            | 166.000    |   |            |   |             |
| X6370930    | CONC BAR 2F 32HT      | FOOT            | 2,677.000  |   |            |   |             |
| X6370935    | CONC BAR 1F 32 MOD    | FOOT            | 815.000    |   |            |   |             |
| X7011008    | TC-PROT ALT ROUTE SN  | CAL MO          | 10.000     |   |            |   |             |
| X7011015    | TR C-PROT EXPRESSWAYS | L SUM           | 1.000      |   |            |   |             |
| X7013820    | TR CONT SURVEIL EXPWY | CAL DA          | 270.000    |   |            |   |             |
| X7015000    | CHANGEABLE MESSAGE SN | CAL MO          | 55.000     |   |            |   |             |
| X7040600    | FUR TEMP CONC BARRIER | FOOT            | 15,863.000 |   |            |   |             |
| X7330105    | OSS WALKWAY TY A      | FOOT            | 56.000     |   |            |   |             |
| X7330110    | OSS WALKWAY CANT TA   | FOOT            | 46.000     |   |            |   |             |
| X8100042    | CON ENC CONC 3 PVC    | FOOT            | 777.000    |   |            |   |             |
| X8160380    | UD 3#2 #4G EPRRH1.25  | FOOT            | 825.000    |   |            |   |             |

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|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| X8210015    | TEMP LUM HPSV 400     | EACH            | 5.000       |   |            |   |             |
| X8950610    | REM REL EXIST LT UNIT | EACH            | 5.000       |   |            |   |             |
| Z0002600    | BAR SPLICERS          | EACH            | 277.000     |   |            |   |             |
| Z0013798    | CONSTRUCTION LAYOUT   | L SUM           | 1.000       |   |            |   |             |
| Z0018500    | DRAINAGE STR CLEANED  | EACH            | 42.000      |   |            |   |             |
| Z0018800    | DRAINAGE SYSTEM       | L SUM           | 1.000       |   |            |   |             |
| Z0026420    | STEEL CASING 60       | FOOT            | 259.000     |   |            |   |             |
| Z0029999    | IMPACT ATTENUATOR REM | EACH            | 6.000       |   |            |   |             |
| Z0030070    | IMP ATTEN SU NAR TL3  | EACH            | 2.000       |   |            |   |             |
| Z0030150    | IMPACT ATTEN NRD TL3  | EACH            | 1.000       |   |            |   |             |
| Z0030250    | IMP ATTN TEMP NRD TL3 | EACH            | 5.000       |   |            |   |             |
| Z0040530    | PIPE UNDERDRAIN REMOV | FOOT            | 494.000     |   |            |   |             |
| Z0048665    | RR PROT LIABILITY INS | L SUM           | 1.000       |   |            |   |             |
| Z0068426    | STEEL CASING 66       | FOOT            | 120.000     |   |            |   |             |
| 20200100    | EARTH EXCAVATION      | CU YD           | 155,251.000 |   |            |   |             |

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|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 20700220    | POROUS GRAN EMBANK    | CU YD           | 965.000     |   |            |   |             |
| 20800150    | TRENCH BACKFILL       | CU YD           | 31,274.000  |   |            |   |             |
| 20900410    | SAND BACKFILL         | CU YD           | 680.000     |   |            |   |             |
| 21001000    | GEOTECH FAB F/GR STAB | SQ YD           | 228,820.000 |   |            |   |             |
| 21101615    | TOPSOIL F & P 4       | SQ YD           | 1,865.000   |   |            |   |             |
| 21101630    | TOPSOIL F & P 8       | SQ YD           | 3,762.000   |   |            |   |             |
| 21101815    | COMPOST F & P 4       | SQ YD           | 3,762.000   |   |            |   |             |
| 21301052    | EXPLOR TRENCH 52      | FOOT            | 1,518.000   |   |            |   |             |
| 25000210    | SEEDING CL 2A         | ACRE            | 1.000       |   |            |   |             |
| 25000400    | NITROGEN FERT NUTR    | POUND           | 105.000     |   |            |   |             |
| 25000500    | PHOSPHORUS FERT NUTR  | POUND           | 105.000     |   |            |   |             |
| 25000600    | POTASSIUM FERT NUTR   | POUND           | 105.000     |   |            |   |             |
| 25100115    | MULCH METHOD 2        | ACRE            | 1.000       |   |            |   |             |
| 25100630    | EROSION CONTR BLANKET | SQ YD           | 5,629.000   |   |            |   |             |
| 28000250    | TEMP EROS CONTR SEED  | POUND           | 117.000     |   |            |   |             |

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|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 28000400    | PERIMETER EROS BAR    | FOOT            | 975.000     |   |            |   |             |
| 28000510    | INLET FILTERS         | EACH            | 221.000     |   |            |   |             |
| 31101810    | SUB GRAN MAT B 12     | SQ YD           | 163,733.000 |   |            |   |             |
| 31101860    | SUB GRAN MAT B 24     | SQ YD           | 62,191.000  |   |            |   |             |
| 42001165    | BR APPR PAVT          | SQ YD           | 452.000     |   |            |   |             |
| 42001300    | PROTECTIVE COAT       | SQ YD           | 231,107.000 |   |            |   |             |
| 42100380    | CONT REINF PCC PVT 14 | SQ YD           | 146,669.000 |   |            |   |             |
| 42101448    | LUG SYSTEM COMPL 48   | EACH            | 3.000       |   |            |   |             |
| 44000013    | BIT SURF REM 5        | SQ YD           | 143.000     |   |            |   |             |
| 44000030    | BIT SURF REM VAR DP   | SQ YD           | 82.000      |   |            |   |             |
| 44000100    | PAVEMENT REM          | SQ YD           | 161,041.000 |   |            |   |             |
| 44000500    | COMB CURB GUTTER REM  | FOOT            | 6,313.000   |   |            |   |             |
| 44000700    | APPROACH SLAB REM     | SQ YD           | 219.000     |   |            |   |             |
| 44001980    | CONC BARRIER REMOV    | FOOT            | 24,320.000  |   |            |   |             |
| 44004250    | PAVED SHLD REMOVAL    | SQ YD           | 62,227.000  |   |            |   |             |

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|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 44201423    | CL C PATCH T1 16      | SQ YD           | 25.000      |   |            |   |             |
| 44201427    | CL C PATCH T2 16      | SQ YD           | 60.000      |   |            |   |             |
| 44201431    | CL C PATCH T3 16      | SQ YD           | 50.000      |   |            |   |             |
| 48202400    | BIT SHLD SUPER 6      | SQ YD           | 36.000      |   |            |   |             |
| 50102400    | CONC REM              | CU YD           | 3.600       |   |            |   |             |
| 50200100    | STRUCTURE EXCAVATION  | CU YD           | 3,306.000   |   |            |   |             |
| 50300225    | CONC STRUCT           | CU YD           | 916.000     |   |            |   |             |
| 50300255    | CONC SUP-STR          | CU YD           | 990.800     |   |            |   |             |
| 50300260    | BR DECK GROOVING      | SQ YD           | 212.000     |   |            |   |             |
| 50300300    | PROTECTIVE COAT       | SQ YD           | 5,001.000   |   |            |   |             |
| 50301245    | FORM CONC REP =< 5    | SQ FT           | 655.000     |   |            |   |             |
| 50301250    | FORM CONC REP > 5     | SQ FT           | 40.000      |   |            |   |             |
| 50700209    | UNTREATED TIMBER LAG  | SQ FT           | 13,827.000  |   |            |   |             |
| 50800205    | REINF BARS, EPOXY CTD | POUND           | 186,068.000 |   |            |   |             |
| 550A0050    | STORM SEW CL A 1 12   | FOOT            | 4,897.000   |   |            |   |             |

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|-------------|----------------------|-----------------|-----------|---|------------|---|-------------|
| 550A0070    | STORM SEW CL A 1 15  | FOOT            | 1,050.000 |   |            |   |             |
| 550A0090    | STORM SEW CL A 1 18  | FOOT            | 37.000    |   |            |   |             |
| 550A0110    | STORM SEW CL A 1 21  | FOOT            | 202.000   |   |            |   |             |
| 550A0120    | STORM SEW CL A 1 24  | FOOT            | 9.000     |   |            |   |             |
| 550A0340    | STORM SEW CL A 2 12  | FOOT            | 4,753.000 |   |            |   |             |
| 550A0360    | STORM SEW CL A 2 15  | FOOT            | 907.000   |   |            |   |             |
| 550A0380    | STORM SEW CL A 2 18  | FOOT            | 2,126.000 |   |            |   |             |
| 550A0400    | STORM SEW CL A 2 21  | FOOT            | 2,835.000 |   |            |   |             |
| 550A0410    | STORM SEW CL A 2 24  | FOOT            | 1,487.000 |   |            |   |             |
| 550A0420    | STORM SEW CL A 2 27  | FOOT            | 2,069.000 |   |            |   |             |
| 550A0430    | STORM SEW CL A 2 30  | FOOT            | 2,698.000 |   |            |   |             |
| 550A0440    | STORM SEW CL A 2 33  | FOOT            | 606.000   |   |            |   |             |
| 550A0450    | STORM SEW CL A 2 36  | FOOT            | 4,527.000 |   |            |   |             |
| 550A0470    | STORM SEW CL A 2 42  | FOOT            | 1,623.000 |   |            |   |             |
| 550A0480    | STORM SEW CL A 2 48  | FOOT            | 164.000   |   |            |   |             |

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|-------------|----------------------|-----------------|-----------|---|------------|---|-------------|
| 550A0640    | STORM SEW CL A 3 12  | FOOT            | 37.000    |   |            |   |             |
| 550A0680    | STORM SEW CL A 3 18  | FOOT            | 292.000   |   |            |   |             |
| 550A0700    | STORM SEW CL A 3 21  | FOOT            | 321.000   |   |            |   |             |
| 550A0710    | STORM SEW CL A 3 24  | FOOT            | 357.000   |   |            |   |             |
| 550A0730    | STORM SEW CL A 3 30  | FOOT            | 238.000   |   |            |   |             |
| 550A0750    | STORM SEW CL A 3 36  | FOOT            | 58.000    |   |            |   |             |
| 550B0050    | STORM SEW CL B 1 12  | FOOT            | 486.000   |   |            |   |             |
| 550B0070    | STORM SEW CL B 1 15  | FOOT            | 26.000    |   |            |   |             |
| 55100300    | STORM SEWER REM 8    | FOOT            | 692.000   |   |            |   |             |
| 55100400    | STORM SEWER REM 10   | FOOT            | 6,619.000 |   |            |   |             |
| 55100500    | STORM SEWER REM 12   | FOOT            | 4,957.000 |   |            |   |             |
| 55100700    | STORM SEWER REM 15   | FOOT            | 3,210.000 |   |            |   |             |
| 55100900    | STORM SEWER REM 18   | FOOT            | 4,072.000 |   |            |   |             |
| 55101100    | STORM SEWER REM 21   | FOOT            | 613.000   |   |            |   |             |
| 55101200    | STORM SEWER REM 24   | FOOT            | 3,683.000 |   |            |   |             |

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 County Name - COOK- -  
 Code - 31 - -  
 District - 1 - -  
 Section Number - (1818,ETC,2324.6-1P)R-9

Project Number  
 ACIM-0943/398/055

Route  
 FAI 94/90  
 (SB)

\* COMPLETE NEW SCHEDULE

| Item Number | Pay Item Description  | Unit of Measure | Quantity   | x | Unit Price | = | Total Price |
|-------------|-----------------------|-----------------|------------|---|------------|---|-------------|
| 55101300    | STORM SEWER REM 27    | FOOT            | 685.000    |   |            |   |             |
| 55101400    | STORM SEWER REM 30    | FOOT            | 1,199.000  |   |            |   |             |
| 55101600    | STORM SEWER REM 36    | FOOT            | 333.000    |   |            |   |             |
| 55101800    | STORM SEWER REM 42    | FOOT            | 57.000     |   |            |   |             |
| 552A1300    | SS JKD CL A 36        | FOOT            | 85.000     |   |            |   |             |
| 552A1500    | SS JKD CL A 42        | FOOT            | 259.000    |   |            |   |             |
| 552A1600    | SS JKD CL A 48        | FOOT            | 161.000    |   |            |   |             |
| 59000100    | EPOXY CRACK SEALING   | FOOT            | 124.000    |   |            |   |             |
| 60107700    | PIPE UNDERDRAINS 6    | FOOT            | 51,849.000 |   |            |   |             |
| 60108200    | PIPE UNDERDRAIN 6 SP  | FOOT            | 636.000    |   |            |   |             |
| 60109000    | P UNDR PER COR S P 12 | FOOT            | 403.000    |   |            |   |             |
| 60109582    | P UNDR FOR STRUCT 6   | FOOT            | 1,100.000  |   |            |   |             |
| 60200105    | CB TA 4 DIA T1F OL    | EACH            | 23.000     |   |            |   |             |
| 60200805    | CB TA 4 DIA T8G       | EACH            | 2.000      |   |            |   |             |
| 60201310    | CB TA 4 DIA T20F&G    | EACH            | 268.000    |   |            |   |             |

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|-------------|----------------------|-----------------|----------|---|------------|---|-------------|
| 60203805    | CB TA 5 DIA T1F OL   | EACH            | 1.000    |   |            |   |             |
| 60205010    | CB TA 5 DIA T20F&G   | EACH            | 2.000    |   |            |   |             |
| 60208210    | CB TC T20F&G         | EACH            | 6.000    |   |            |   |             |
| 60218400    | MAN TA 4 DIA T1F CL  | EACH            | 46.000   |   |            |   |             |
| 60221100    | MAN TA 5 DIA T1F CL  | EACH            | 153.000  |   |            |   |             |
| 60223800    | MAN TA 6 DIA T1F CL  | EACH            | 6.000    |   |            |   |             |
| 60240210    | INLETS TB T1F OL     | EACH            | 1.000    |   |            |   |             |
| 60240324    | INLETS TB T20F&G     | EACH            | 35.000   |   |            |   |             |
| 60248000    | JUNCTION CHAMBER N1  | EACH            | 1.000    |   |            |   |             |
| 60248100    | JUNCTION CHAMBER N2  | EACH            | 1.000    |   |            |   |             |
| 60248200    | JUNCTION CHAMBER N3  | EACH            | 1.000    |   |            |   |             |
| 60248300    | JUNCTION CHAMBER N4  | EACH            | 1.000    |   |            |   |             |
| 60248400    | JUNCTION CHAMBER N5  | EACH            | 1.000    |   |            |   |             |
| 60248500    | JUNCTION CHAMBER N6  | EACH            | 1.000    |   |            |   |             |
| 60248600    | JUNCTION CHAMBER N7  | EACH            | 1.000    |   |            |   |             |

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|-------------|-----------------------|-----------------|------------|---|------------|---|-------------|
| 60248610    | JUNCTION CHAMBER N8   | EACH            | 1.000      |   |            |   |             |
| 60248620    | JUNCTION CHAMBER N9   | EACH            | 1.000      |   |            |   |             |
| 60248630    | JUNCTION CHAMBER N10  | EACH            | 1.000      |   |            |   |             |
| 60248640    | JUNCTION CHAMBER N11  | EACH            | 1.000      |   |            |   |             |
| 60250400    | CB ADJ NEW T1F OL     | EACH            | 35.000     |   |            |   |             |
| 60255800    | MAN ADJ NEW T1F CL    | EACH            | 35.000     |   |            |   |             |
| 60260300    | INLETS ADJ NEW T1F OL | EACH            | 64.000     |   |            |   |             |
| 60500040    | REMOV MANHOLES        | EACH            | 192.000    |   |            |   |             |
| 60500050    | REMOV CATCH BAS       | EACH            | 276.000    |   |            |   |             |
| 60500060    | REMOV INLETS          | EACH            | 53.000     |   |            |   |             |
| 60500105    | FILL MANHOLES         | EACH            | 36.000     |   |            |   |             |
| 60500205    | FILL CATCH BAS        | EACH            | 29.000     |   |            |   |             |
| 60618324    | CONC MEDIAN SURF 6 SP | SQ FT           | 20,342.000 |   |            |   |             |
| 63100085    | TRAF BAR TERM T6      | EACH            | 1.000      |   |            |   |             |
| 63100167    | TR BAR TRM T1 SPL TAN | EACH            | 1.000      |   |            |   |             |

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|-------------|-----------------------|-----------------|-------------|---|------------|---|-------------|
| 63700805    | CONC BAR TRANS        | FOOT            | 1,374.000   |   |            |   |             |
| 66400560    | CH LK FENCE 6 SPL     | FOOT            | 24,264.000  |   |            |   |             |
| 66402900    | CH LK GATE 6X6 SINGL  | EACH            | 24.000      |   |            |   |             |
| 66900200    | NON SPL WASTE DISPOSL | CU YD           | 10,678.000  |   |            |   |             |
| 66900450    | SPL WASTE PLNS/REPORT | L SUM           | 1.000       |   |            |   |             |
| 66900525    | PRI POL-TCLP SOIL ANL | EACH            | 6.000       |   |            |   |             |
| 66900530    | SOIL DISPOSAL ANALY   | EACH            | 2.000       |   |            |   |             |
| 67000600    | ENGR FIELD LAB        | CAL MO          | 10.000      |   |            |   |             |
| 67100100    | MOBILIZATION          | L SUM           | 1.000       |   |            |   |             |
| 70300240    | TEMP PVT MK LINE 6    | FOOT            | 32,439.000  |   |            |   |             |
| 70300510    | PAVT MARK TAPE T3 L&S | SQ FT           | 255.000     |   |            |   |             |
| 70300520    | PAVT MARK TAPE T3 4   | FOOT            | 109,139.000 |   |            |   |             |
| 70300530    | PAVT MARK TAPE T3 5   | FOOT            | 16,776.000  |   |            |   |             |
| 70300550    | PAVT MARK TAPE T3 8   | FOOT            | 17,324.000  |   |            |   |             |
| 70300560    | PAVT MARK TAPE T3 12  | FOOT            | 3,916.000   |   |            |   |             |

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|-------------|-----------------------|-----------------|------------|---|------------|---|-------------|
| 70301000    | WORK ZONE PAVT MK REM | SQ FT           | 58,401.000 |   |            |   |             |
| 70400100    | TEMP CONC BARRIER     | FOOT            | 19,713.000 |   |            |   |             |
| 70400200    | REL TEMP CONC BARRIER | FOOT            | 27,405.000 |   |            |   |             |
| 72000100    | SIGN PANEL T1         | SQ FT           | 12.000     |   |            |   |             |
| 72000200    | SIGN PANEL T2         | SQ FT           | 891.000    |   |            |   |             |
| 72000300    | SIGN PANEL T3         | SQ FT           | 2,342.000  |   |            |   |             |
| 72100100    | SIGN PANEL OVERLAY    | SQ FT           | 3.000      |   |            |   |             |
| 72400320    | REMOV SIGN PANEL T2   | SQ FT           | 64.000     |   |            |   |             |
| 72400330    | REMOV SIGN PANEL T3   | SQ FT           | 1,364.000  |   |            |   |             |
| 72400730    | RELOC SIGN PANEL T3   | SQ FT           | 948.000    |   |            |   |             |
| 72700100    | STR STL SIN SUP BA    | POUND           | 3,150.000  |   |            |   |             |
| 72800100    | TELES STL SIN SUPPORT | FOOT            | 88.000     |   |            |   |             |
| 73000100    | WOOD SIN SUPPORT      | FOOT            | 1,070.000  |   |            |   |             |
| 73300100    | OVHD SIN STR-SPAN T1A | FOOT            | 217.000    |   |            |   |             |
| 73300300    | OVHD SIN STR-SPAN T3A | FOOT            | 137.000    |   |            |   |             |

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| 73302210    | OSS CANT 3CA 3-0X7-0  | FOOT            | 62.000      |   |            |   |             |
| 73304000    | OVHD SIN STR BR MT    | FOOT            | 84.000      |   |            |   |             |
| 73305000    | OVHD SIN STR WALKWAY  | FOOT            | 297.000     |   |            |   |             |
| 73400100    | CONC FOUNDATION       | CU YD           | 10.000      |   |            |   |             |
| 73400200    | DRILL SHAFT CONC FDN  | CU YD           | 223.000     |   |            |   |             |
| 73600100    | REMOV OH SIN STR-SPAN | EACH            | 9.000       |   |            |   |             |
| 73600200    | REMOV OH SIN STR-CANT | EACH            | 2.000       |   |            |   |             |
| 73700300    | REM CONC FDN-OVHD     | EACH            | 18.000      |   |            |   |             |
| 78005100    | EPOXY PVT MK LTR-SYM  | SQ FT           | 254.000     |   |            |   |             |
| 78005110    | EPOXY PVT MK LINE 4   | FOOT            | 104,855.000 |   |            |   |             |
| 78005120    | EPOXY PVT MK LINE 5   | FOOT            | 27,987.000  |   |            |   |             |
| 78005140    | EPOXY PVT MK LINE 8   | FOOT            | 20,967.000  |   |            |   |             |
| 78005150    | EPOXY PVT MK LINE 12  | FOOT            | 5,511.000   |   |            |   |             |
| 78200100    | MONODIR PRIS BAR REFL | EACH            | 1,661.000   |   |            |   |             |
| 78200530    | BAR WALL MKR TYPE C   | EACH            | 445.000     |   |            |   |             |

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| 78201000    | TERMINAL MARKER - DA  | EACH            | 1.000      |   |            |   |             |
| 78300100    | PAVT MARKING REMOVAL  | SQ FT           | 29,997.000 |   |            |   |             |
| 80700140    | GROUND ROD 5/8 X 10   | EACH            | 1.000      |   |            |   |             |
| 80800525    | TEMP WP60 CL4 15MA    | EACH            | 5.000      |   |            |   |             |
| 81000600    | CON T 2 GALVS         | FOOT            | 953.000    |   |            |   |             |
| 81000800    | CON T 3 GALVS         | FOOT            | 15.000     |   |            |   |             |
| 81200270    | CON EMB STR 4 PVC     | FOOT            | 775.000    |   |            |   |             |
| 81302630    | JUN BX NM ES 21X11X8  | EACH            | 1.000      |   |            |   |             |
| 81400200    | HD HANDHOLE           | EACH            | 18.000     |   |            |   |             |
| 81400205    | HD HANDHOLE SPL       | EACH            | 2.000      |   |            |   |             |
| 81500200    | TR & BKFIL F ELECT WK | FOOT            | 948.000    |   |            |   |             |
| 81800700    | A CBL 3-1C2 AL MESS W | FOOT            | 700.000    |   |            |   |             |
| 83600200    | LIGHT POLE FDN 24D    | FOOT            | 65.000     |   |            |   |             |
| 84100110    | REM TEMP LIGHT UNITS  | EACH            | 5.000      |   |            |   |             |
| 84200800    | POLE FOUNDATION RM    | EACH            | 134.000    |   |            |   |             |

CONTRACT NUMBER

62302

THIS IS THE TOTAL BID

\$ \_\_\_\_\_

**NOTES:**

1. Each PAY ITEM should have a UNIT PRICE and a TOTAL PRICE.
2. The UNIT PRICE shall govern if no TOTAL PRICE is shown or if there is a discrepancy between the product of the UNIT PRICE multiplied by the QUANTITY.
3. If a UNIT PRICE is omitted, the TOTAL PRICE will be divided by the QUANTITY in order to establish a UNIT PRICE.
4. A bid may be declared UNACCEPTABLE if neither a unit price nor a total price is shown.