

**DEPARTMENT OF TRANSPORTATION**

ESC/OE MS #43  
1727 30TH Street, 2ND Floor  
Sacramento, CA 95816



January 18, 2001

03-Sac,ED-50-19.4/37.2,0.0/1.2  
03-4416U4  
ACNH-P050(103)E  
CMLN-6157(010)E

Addendum No. 1

Dear Contractor:

This addendum is being issued to the contract for construction on State highway in SACRAMENTO AND EL DORADO COUNTIES NEAR FOLSOM FROM 0.7 km WEST OF SUNRISE BOULEVARD OVERCROSSING TO LATROBE ROAD UNDERCROSSING.

Submit bids for this work with the understanding and full consideration of this addendum. The revisions declared in this addendum are an essential part of the contract.

Bids for this work will be opened on January 30, 2001.

This addendum is being issued to revise the Notice to Contractors and Special Provisions, the Proposal and Contract, and the Federal Minimum Wages with Modification Number 18 dated 12-22-00. A copy of the modified wage rates are available for the contractor's use on the Internet Site:

**[http://www.dot.ca.gov/hq/esc/oe/weekly\\_ads/addendum\\_page.html](http://www.dot.ca.gov/hq/esc/oe/weekly_ads/addendum_page.html)**

In the Special Provisions, Landscape Signature and Seal sheet is added as attached.

In the Special Provisions, Section 5-1.017, "CONTRACT BONDS," is revised as follows:

"Attention is directed to Section 3-1.02, "Contract Bonds," of the Standard Specifications and these special provisions.

The payment bond shall be in a sum not less than one hundred percent of the total amount payable by the terms of the contract."

In the Special Provisions, SECTION 4, "BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES," is revised as attached.

In the Special Provisions, Section 10-1.02, "WATER POLLUTION CONTROL," is revised as attached.

In the Special Provisions, Section 10-1.14, "MAINTAINING TRAFFIC," Lane Closure Chart No. 9 is revised and Lane Closure Chart Nos. 13 and 14 are added as attached.

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In the Special Provisions, Section 39, "ASPHALT CONCRETE," the fourth paragraph in Subsection 39-5.03, "VERIFICATION," is revised as follows:

"Quality control test results are verified if the  $t$ -value computed is less than or equal to  $t_{crit}$  ( $t \leq t_{crit}$ ), or the difference between the means of the quality control test results and verification test results are within an allowable testing difference. Quality control test results are not verified if the  $t$ -value computed is greater than  $t_{crit}$  ( $t > t_{crit}$ ), and the difference between the means exceeds the allowable testing difference. The allowable testing difference shall be as follows:"

In the Proposal and Contract, the Engineer's Estimate Item 2 is revised as attached.

To Proposal and Contract book holders:

Replace page 3 of the Engineer's Estimate in the Proposal with the attached revised page 3 of the Engineer's Estimate. The revised Engineer's Estimate is to be used in the bid.

Indicate receipt of this addendum by filling in the number of this addendum in the space provided on the signature page of the proposal.

Submit bids in the Proposal and Contract book you now possess. Holders who have already mailed their book will be contacted to arrange for the return of their book.

Inform subcontractors and suppliers as necessary.

This office is sending this addendum by UPS overnight mail to Proposal and Contract book holders to ensure that each receives it.

If you are not a Proposal and Contract book holder, but request a book to bid on this project, you must comply with the requirements of this letter before submitting your bid.

Sincerely,

ORIGINAL SIGNED BY

REBECCA D. HARNAGEL, Chief  
Office of Plans, Specifications & Estimates  
Division of Office Engineer

Attachments

**CONTRACT NO. 03-4416u4**

**The special provisions contained herein have been prepared by or under the direction of the following Registered Person.**

**LANDSCAPE**

*Lynne H. Cunningham*

LICENSED LANDSCAPE ARCHITECT



CONTRACT NO. 03-4416U4  
ADDED PER ADDENDUM NO. 1 DATED JANUARY 18, 2001

#### **SECTION 4. BEGINNING OF WORK, TIME OF COMPLETION AND LIQUIDATED DAMAGES**

Attention is directed to the provisions in Sections 8-1.03, "Beginning of Work," 8-1.06, "Time of Completion," 8-1.07, "Liquidated Damages," and 20-4.08, "Plant Establishment Work," of the Standard Specifications and these special provisions.

The Contractor shall begin work within 15 calendar days after the contract has been approved by the Attorney General or the attorney appointed and authorized to represent the Department of Transportation.

The work (except plant establishment work) shall be diligently prosecuted to completion before the expiration of **300 WORKING DAYS** beginning on the fifteenth calendar day after approval of the contract.

The Contractor shall pay to the State of California the sum of \$ 4,200 per day, for each and every calendar day's delay in finishing the work (except plant establishment work) in excess of the number of working days prescribed above.

The Contractor shall diligently prosecute all work (including plant establishment) to completion before the expiration of **1050 WORKING DAYS** beginning on the fifteenth calendar day after approval of the contract.

The Contractor shall pay to the State of California the sum of \$300 per day, for each and every calendar day's delay in completing the work in excess of the number of working days prescribed above.

In no case will liquidated damages of more than \$ 4,200 per day be assessed.

## 10-1.02 WATER POLLUTION CONTROL

Water pollution control work shall conform to the provisions in Section 7-1.01G, "Water Pollution," of the Standard Specifications and these special provisions.

This project lies within the boundaries of the Central Valley Regional Water Quality Control Board and shall conform to the requirements of the National Pollutant Discharge Elimination System (NPDES) Permit for General Construction Activities No. CAS000002, Order No, 99-08-DWQ, and the NPDES Permit for the State of California Department of Transportation Properties, Facilities, and Activities, No. CAS000003, Order No, 99-06-DWQ issued by the State Water Resources Control Board. These Permits, hereafter referred to as the "Permits," regulate storm water discharges associated with construction activities.

Water pollution control work shall conform to the requirements in the "Storm Water Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual" and the "Construction Site Best Management Practices (BMPs) Manual", and addenda thereto issued up to, and including, the date of advertisement of the project, hereafter referred to respectively as the "Preparation Manual" and the "Construction Site BMP Manual" and collectively as the "Manuals." Copies of the manuals and the Permits may be obtained from the Department of Transportation, Material Operations Branch, Publication Distribution Unit, 1900 Royal Oaks Drive, Sacramento, California 95815, Telephone: (916) 445-3520.

The Contractor shall know and fully comply with the applicable provisions of the Manuals, Permits, and Federal, State, and local regulations that govern the Contractor's operations and storm water discharges from both the project site and areas of disturbance outside the project limits during construction. The Contractor shall maintain copies of the Permits at the project site and shall make the Permits available during construction.

Unless arrangements for disturbance or use of areas outside the project limits are made by the Department and made part of the contract, it is expressly agreed that the Department assumes no responsibility for the Contractor or property owner with respect to any arrangements made between the Contractor and property owner. The Contractor shall implement, inspect and maintain all necessary control practices to satisfy all applicable Federal, State, and Local laws and or regulations that govern water quality for areas used outside of the highway right-of-way or areas arranged for the specific use of the contractor for this project. No compensation shall be provided for installing, inspecting, and maintaining control practices on property not specifically arranged for and provided for by the Department for the execution of the project.

The Contractor shall be responsible for the costs and for liabilities imposed by law as a result of the Contractor's failure to comply with the provisions set forth in this section "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the manuals, Permits and Federal, State and local regulations. Costs and liabilities include, but are not limited to, fines, penalties, and damages whether assessed against the State or the Contractor, including those levied under the Federal Clean Water Act and the State Porter Cologne Water Quality Act.

In addition to the remedies authorized by law, some of the money due the Contractor under the contract, as determined by the Department, may be retained by the State of California until disposition has been made of the costs and liabilities.

The retention of money due the Contractor shall be subject to the following:

- A. The Department will give the Contractor 30 days notice of the Department's intention to retain funds from partial payments which may become due to the Contractor prior to acceptance of the contract. Retention of funds from payments made after acceptance of the contract may be made without prior notice to the Contractor.
- B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.06, "Partial Payments," of the Standard Specifications.
- C. If the Department has retained funds and it is subsequently determined that the State is not subject to the costs and liabilities in connection with the matter for which the retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of the retention.

Conformance with the provisions of this section "Water Pollution Control" shall not relieve the Contractor from the Contractor's responsibilities, as provided in Section 7, "Legal Relations and Responsibilities," of the Standard Specifications.

The Contractor shall notify the Engineer immediately upon request from the regulatory agencies to enter, inspect, sample, monitor or otherwise access the project site or the Contractor's records.

## **STORM WATER POLLUTION PREVENTION PLAN PREPARATION, APPROVAL AND AMENDMENTS**

As part of the water pollution control work, a Storm Water Pollution Prevention Plan, hereafter referred to as the "SWPPP," is required for this contract. The SWPPP shall conform to the provisions in Section 7-1.01G, "Water Pollution," of the Standard Specifications, the requirements in the Manuals, the requirements of the Permits, and these special provisions. Upon the Engineer's approval of the SWPPP, the SWPPP shall be deemed to fulfill the provisions in Section 7-1.01G of the Standard Specifications for development and submittal of a Water Pollution Control Program.

No work having potential to cause water pollution, as determined by the Engineer, shall be performed until the SWPPP has been approved by the Engineer.

The Contractor shall designate a Water Pollution Control Manager. The Water Pollution Control manager shall be responsible for the preparation the SWPPP and any required modifications or amendments and shall be responsible for the implementation and adequate functionality of the various control practices employed. The Water Pollution Control manager shall serve as the primary contact for all issues related to the SWPPP or its implementation. The Contractor shall submit to the Engineer a statement of qualifications, describing the training, previous work history and expertise of the individual selected by the Contractor to serve as Water Pollution Control Manager for the Engineers review. The Engineer reserves the right to reject any the Contractor's submission of a Water Pollution Control Manager if the submitted qualifications are deemed to be inadequate by the Engineer.

Within 30 days after the approval of the contract, the Contractor shall submit 3 copies of the draft SWPPP to the Engineer for review. The Engineer will have 15 days to review the SWPPP. If revisions are required, as determined by the Engineer, the Contractor shall revise and resubmit the SWPPP within 15 days of receipt of the Engineer's comments. The Engineer will have 10 days to review the revisions. Upon the Engineer's approval of the SWPPP, 4 approved copies of the SWPPP, incorporating the required changes, shall be submitted to the Engineer. In order to allow construction activities to proceed, the Engineer may conditionally approve the SWPPP while minor revisions are being completed.

The SWPPP shall apply to all areas that are directly related to construction including, but not limited to staging areas, storage yards, material borrow areas, and access roads within or outside of the highway right-of-way.

The SWPPP shall incorporate control practices in the following six categories:

- A. Soil stabilization;
- B. Sediment control;
- C. Wind erosion control;
- D. Tracking control;
- E. Non-storm water control; and
- F. Waste management and material pollution control.

The Contractor shall develop a Water Pollution Control Schedule that shall describe the timing of grading or other work activities that could affect water pollution and it shall be updated by the Contractor to reflect any changes in the Contractors operations that would affect the necessary implementation of control practices.

The Contractor shall incorporate the "Minimum Requirements" presented in the Preparation Manual into the SWPPP. In addition to the "Minimum Requirements" presented in the Preparation Manual, the Contractor shall complete the BMP Consideration Checklist presented in the Preparation Manual. The Contractor shall identify and incorporate into the SWPPP the control practices selected by the Contractor or as directed by the Engineer.

The SWPPP shall include, but not limited to, the items described in the Manuals, Permits and related information contained in the contract documents. In addition the SWPPP shall include a copy of the following: Notice of Intent (NOI).

The Contractor shall prepare an amendment to the SWPPP whenever there is a change in construction activities or operations which may affect the discharge of pollutants to surface waters, ground waters, municipal storm drain systems, or if the Contractor's activities or operations violate any condition of the Permits or when deemed necessary by the Engineer. Amendments shall show additional control practices or revised operations, including those areas or operations not shown in the initially approved SWPPP. Amendments to the SWPPP shall be prepared, and submitted for review and approval in the same manner as specified for the SWPPP approval. Subsequent amendments shall be submitted in a time frame acceptable to the Engineer, but in no case later than the time frame specified for the initial submittal and review of the SWPPP.

The Contractor shall keep one copy of the approved SWPPP and approved amendments at the project site. The SWPPP shall be made available upon request of a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency or the local storm water management agency. Requests by the public shall be directed to the Engineer.

## **SCHEDULE OF VALUES**

The Contractor shall submit with the SWPPP, for approval by the Engineer, a schedule of values detailing the cost breakdown of the contract lump sum item for Water Pollution Control. The schedule of values shall include all of the Special Requirements and all of the control practices selected by the Contractor, excluding contract temporary control practices shown in the contract plans or for which there is a separate contract item of work. The Contractor shall indicate the quantities, unit cost and total cost for each control practice listed in the schedule of values. The sum of the total costs for the units of work listed in the schedule of values shall be equal to the contract lump sum price for Water Pollution Control.

Upon approval in writing the schedule of values will be used to determine progress payments for water pollution control during the progress of the work. The schedule of values will be used as the basis for calculating any adjustment in compensation for the contract item for water pollution control due to changes in the work ordered by the Engineer.

## **SWPPP IMPLEMENTATION**

Upon approval of the SWPPP, the Contractor shall be responsible throughout the duration of the project for installing, constructing, inspecting, and maintaining, removing and disposing of the control practices included in the SWPPP and any amendments. Unless otherwise directed by the Engineer or specified in these special provisions, the Contractor's responsibility for SWPPP implementation shall continue throughout any temporary suspension of work ordered in conformance with the provisions in Section 8-1.05, "Temporary Suspension of Work," of the Standard Specifications. Requirements for installation, construction, inspection, maintenance, removal, and disposal of control practices are specified in the Manuals and these special provisions.

If the Contractor or the Engineer identifies a deficiency in any aspect of the implementation of the approved SWPPP or amendments, the deficiency shall be corrected immediately. The deficiency may be corrected at a later date and time if requested by the Contractor and approved by the Engineer in writing, but not later than the onset of precipitation. If the Contractor fails to correct the identified deficiency by the date agreed or prior to the onset of precipitation the project shall be in noncompliance. Attention is directed to Section 5-1.01 "Authority of the Engineer" of the Standard Specifications and the payment section of these special provisions for possible noncompliance penalties.

The Engineer may order the suspension of construction operations which create water pollution or if the Contractor fails to conform to "Water Pollution Control" as determined by the Engineer.

Implementation of water pollution control practices may vary by season. The Construction Site BMP Manual and these special provisions shall be followed for control practice selection of year round, rainy season and non-rainy season water pollution control practices.

**RAINY SEASON REQUIREMENTS:** Soil stabilization and sediment control practices as prescribed in the Special Requirements and applicable Preparation Manual "Minimum Requirements" shall be provided throughout the rainy season, defined as between October 15 and April 15.

An implementation schedule of required soil stabilization and sediment control practices for DSA's shall be completed not later than 20 days prior to the beginning of each and every rainy season. The implementation schedule shall identify the soil stabilization and sediment control practices to be implemented and the dates on which the implementation will be 25 percent, 50 percent and 100 percent complete, respectively. Construction activities beginning during the rainy season shall implement applicable soil stabilization and sediment control practices.

Throughout the defined rainy season, the active DSA of the project site shall be not more than 2 hectares. The Engineer may approve, on a case-by-case basis, expansions of the active, disturbed soil area limit. An adequate quantity of soil stabilization and sediment control materials shall be maintained on site sufficient to protect the unprotected DSA. A detailed plan for the mobilization of sufficient labor and equipment shall be maintained to deploy the control practices required to protect the project site prior to the onset of precipitation events.

**NON-RAINY SEASON REQUIREMENTS:** The non-rainy season shall be defined as all days outside the defined rainy season. The Contractor's attention is directed to the Construction Site BMP Manual for soil stabilization and sediment control implementation requirements on DSA's during the non-rainy season. Disturbed Soil Areas (DSAs) within the project shall be protected as prescribed in the Construction Site BMP Manual with an effective combination of soil stabilization and sediment control.

## MAINTENANCE

To ensure the proper implementation and functioning of control practices, the Contractor shall regularly inspect and maintain the construction site for the control practices identified in the SWPPP. The construction site shall be inspected by the Contractor as follows:

- A. Prior to a forecast storm;
- B. After a precipitation event which causes site runoff;
- C. At 24 hour intervals during extended precipitation events;
- D. Routinely, a minimum of once every two weeks outside of the defined rainy season;
- E. Routinely, a minimum of once every week during the defined rainy season.

The Contractor shall use the Storm Water Quality Construction Site Inspection Checklist provided in the Preparation Manual or an alternative inspection checklist provided by the Engineer. One copy of each site inspection record shall be submitted to the Engineer within 24 hours of completing the inspection.

## REPORTING REQUIREMENTS:

**REPORT OF DISCHARGES, NOTICES OR ORDERS:** If the Contractor identifies any discharge into receiving waters in a manner causing, or potentially causing a condition of pollution, or if the project receives a written notice or order from any regulatory agency, the Contractor shall immediately inform the Engineer. The Contractor shall submit a written report to the Engineer within 7 days of the discharge event, notice, or order. The report shall include the following information:

- A. The date, time, location, nature of the operation, and type of discharge, including the cause or nature of the notice or order.
- B. The control practices deployed before the discharge event, or prior to receiving the notice or order.
- C. The date of deployment and type of control practices deployed after the discharge event, or after receiving the notice, or order, including additional measures installed or planned to reduce or prevent reoccurrence.
- D. An implementation and maintenance schedule for any affected control practices.

**REPORT OF FIRST TIME NON-STORM WATER DISCHARGE:** The Contractor shall notify the Engineer at least 3 days in advance of each first-time non-storm water discharge event, excluding exempted discharges. The Contractor shall notify the Engineer of each different operation causing a non-storm water discharge and shall obtain field approval for each first-time non-storm water discharge. Non-storm water discharges shall be monitored at each first-time occurrence and routinely thereafter.

**ANNUAL CERTIFICATIONS:** By June 15 of each year, the Contractor shall complete and submit an Annual Construction Activity Certification as contained in the Preparation Manual to the Engineer.

## PAYMENT (Prepare Storm Water Pollution Prevention Plan)

The contract lump sum price paid for prepare storm water pollution prevention plan shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals for doing all the work involved in developing, preparing, obtaining approval of, revising, and amending the SWPPP, as shown on the plans, as specified in the Standard Specifications and these special provisions, and as directed by the Engineer.

Attention is directed to Section 9-1.06, "Partial Payments," and Section 9-1.07, "Payment After Acceptance," of the Standard Specifications. Payments for prepare storm water pollution prevention plan will be made as follows:

- A. After the SWPPP has been approved by the Engineer, 75 percent of the contract item price for prepare storm water pollution prevention plan will be included in the monthly partial payment estimate; and
- B. After acceptance of the contract pursuant to Section 7-1.17, "Acceptance of Contract," payment for the remaining 25 percent of the contract item price for prepare storm water pollution prevention plan will be made in conformance with the provisions in Section 9-1.07.

The contract lump sum price paid for water pollution control shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in installing, constructing, maintaining, removing, and disposing of control practices, including non-storm water and waste management and materials pollution control practices except those shown on the plans and for which there is a contract item of work, and excluding developing, preparing, obtaining approval of, revising, and amending the SWPPP, as directed by the Engineer. Payment for maintaining temporary control practices will be as specified elsewhere in these special provisions.

Adjustments in the items of work and quantities listed in the approved schedule of values shall be made when required to address amendments to the SWPPP and as follows:

- A. Changes to existing control practices listed in the approved schedule of values or the addition of new control practices shall be made by an adjustment in compensation for the listed practices without change to the lump sum price paid for water pollution control.
- B. After considering item A above, changes to the schedule of values resulting in a increase to the contract lump sum price for water pollution control will be considered extra work as provided in Section 4-1.03D of the Standard Specifications.

The cost of maintaining the temporary control practices shall be borne equally by the State and the Contractor as indicated below.

Soil Stabilization:

All temporary control practices except:

SS-1 Scheduling

SS-2 Preservation of Existing Vegetation

Sediment Control:

All temporary control practices:

Tracking Control:

All temporary control practices except:

SC-7 Street Sweeping and Vacuuming

Wind Erosion Control:

All temporary control practices:

Non-Storm Water Control:

No sharing of maintenance costs shall be allowed

Waste Management & Material Control:

No sharing of maintenance costs shall be allowed

The division of cost will be made by determining the cost of maintaining temporary control practices in conformance with the provisions in Section 9-1.03, "Force Account Payment," of the Standard Specifications and paying to the Contractor one-half of that cost. Clean-up, repair, removal, disposal, improper installation, and replacement of temporary control practices damaged through the Contractor's negligence shall not be considered as included in the cost for performing maintenance and no additional compensation will be allowed therefor.

The provisions for sharing maintenance costs shall not relieve the Contractor from the responsibility for providing appropriate maintenance on those items where maintenance costs are not shared.

Those control practices which are shown on the plans and for which there is a contract item of work will be measured and paid for as that contract item of work.

The Engineer will retain an amount equal to 25 percent of the estimated value of the contract work performed during estimate periods in which the Contractor fails to conform to the provisions of this section "Water Pollution Control" as determined by the Engineer.

Retentions for failure to conform to the provisions in this section "Water Pollution Control" shall be in addition to the other retentions provided for in the contract. The amounts retained for failure of the Contractor to conform to the provisions in this section will be released for payment on the next monthly estimate for partial payment following the date that an approved SWPPP has been implemented and maintained, and water pollution is adequately controlled, as determined by the Engineer.

**Lane Closure Chart No. 9  
Multilane Lane Requirements**

Direction: NORTHBOUND AND SOUTHBOUND      Location: Sunrise Boulevard

FROM HOUR TO HOUR	a.m.											p.m.															
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12		
Mondays through Thursdays	1	1	1	1	1																			1	1	1	
Fridays	1	1	1	1	1																						
Saturdays	1	1	1	1	1																						
Sundays																									1	1	1
Day before designated legal holiday & Designated legal holidays																											

**Legend:**

1 One lane, a minimum of 3.4 m wide, shall be open in direction of travel.

No lane closure allowed

**REMARKS:** Two Lanes Available

Ramp closures allowed for one shift only, except for special westbound and eastbound off-ramp closures approved by the Engineer.

<b>Lane Closure Chart No. 13</b>																									
<b>Multilane Lane Requirements</b>																									
Direction: EASTBOUND												Location: 03-Sac-50-19.4/22.76													
FROM HOUR TO HOUR	a.m.											p.m.													
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Mondays	2	2	2	2	2																				
Tuesdays through Thursdays																									
Fridays																							2	2	
Saturdays	2	2	2	2	2	2	2	2	2	2												2	2	2	2
Sundays	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Day before designated legal holidays & Designated legal holidays																									
Legend:																									
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <span>Two adjacent lanes open in direction of travel.</span> </div>																									
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <span>No lane closure allowed</span> </div>																									
REMARKS: <b>THIS CHART FOR STAGE 1 CONSTRUCTION</b>																									
The Contractor will be allowed 4 of these closures to complete base and pavement work.																									

<b>Lane Closure Chart No. 14</b>																								
<b>Multilane Lane Requirements</b>																								
Direction: WESTBOUND												Location: 03-Sac-50-19.4/22.76												
FROM HOUR TO HOUR	a.m.											p.m.												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Mondays	2	2	2	2	2																			
Tuesdays through Thursdays																								
Fridays																							2	2
Saturdays	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Sundays	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Day before designated legal holidays & Designated legal holidays																								
Legend:																								
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <span>Two adjacent lanes open in direction of travel.</span> </div>																								
<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <span>No lane closure allowed</span> </div>																								
REMARKS: <b>THIS CHART FOR STAGE 1 CONSTRUCTION</b>																								
The Contractor will be allowed 3 of these closures to complete base and pavement work.																								

ENGINEER'S ESTIMATE  
03-4416U4

Item	Item Code	Item	Unit of Measure	Estimated Quantity	Unit Price	Item Total
1	070010	PROGRESS SCHEDULE (CRITICAL PATH)	LS	LUMP SUM	LUMP SUM	
2	070018	TIME-RELATED OVERHEAD	WDAY	300		
3 (S)	071301	TEMPORARY FENCE	M	400		
4 (S)	071322	TEMPORARY FENCE (TYPE CL-1.8)	M	120		
5	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	LUMP SUM	LUMP SUM	
6	074020	WATER POLLUTION CONTROL	LS	LUMP SUM	LUMP SUM	
7 (S)	120090	CONSTRUCTION AREA SIGNS	LS	LUMP SUM	LUMP SUM	
8 (S)	120100	TRAFFIC CONTROL SYSTEM	LS	LUMP SUM	LUMP SUM	
9 (S)	020254	TRAFFIC CONTROL SYSTEM (DETOUR) (CONTINGENCY)	LS	LUMP SUM	LUMP SUM	
10 (S)	120120	TYPE III BARRICADE	EA	50		
11 (S)	120149	TEMPORARY PAVEMENT MARKING (PAINT)	M2	390		
12 (S)	120151	TEMPORARY TRAFFIC STRIPE (TAPE)	M	10 700		
13 (S)	120152	TEMPORARY PAVEMENT MARKING (TAPE)	M2	150		
14 (S)	120159	TEMPORARY TRAFFIC STRIPE (PAINT)	M	56 000		
15 (S)	120165	CHANNELIZER (SURFACE MOUNTED)	EA	840		
16 (S)	020036	TRAFFIC PLASTIC DRUM	EA	680		
17 (S)	120300	TEMPORARY PAVEMENT MARKER	EA	6260		
18 (S)	128650	PORTABLE CHANGEABLE MESSAGE SIGN	LS	LUMP SUM	LUMP SUM	
19	129000	TEMPORARY RAILING (TYPE K)	M	41 700		
20 (S)	129100	TEMPORARY CRASH CUSHION MODULE	EA	360		