



LORAIN COUNTY ENGINEER

KEN CARNEY, P.E., P.S.

SEPTEMBER 24, 2018

NOTICE TO BIDDERS
LORAIN COUNTY
COOPER FOSTER PARK ROAD
WIDENING AND RECONSTRUCTION PROJECT
PID 100171
AMHERST AND LORAIN CITIES

ADDENDUM #2

ATTENTION BIDDERS:

The following as addition to, and modifications in, the Contract Document will be included in and become part of, any Contract, which may be executed for the construction of this project. Bidders are, therefore, instructed to take the following into account in rendering any Bid for this work.

- 1.) See the attached "Pre-Bid Questions and Answers"
- 2.) New Bid Proposal Sheets (1 thru 9) are being provided. These **MUST** be used when submitting bids on this project. Any bid that does not use these sheets will be considered Non-Responsive.
- 3.) See the attached PN 124 (10/18/2013) – A+B Bidding

THANK YOU,

SHAUN J. DUFFALA, PE

*****Please sign below to confirm acknowledgement of receipt and return via: Fax at 1-440-329-5587 before bid opening*****

Signature: _____ Company: _____

Date: _____

THIS ADDENDUM MUST ACCOMPANY YOUR BID PACKET



Pre-Bid Questions and Answers

PID 100171

The following bid questions have been submitted as of 9/21/18 and the following responses (in italics) are being issued to all plan holders:

- 1.) Cooper Foster Park road is very busy and narrow. Maintaining 2-way or Alternating 2-Way traffic via Traffic Signal or Flaggers is not possible while installing the Storm Sewer. Would it be acceptable to set up the Detour and maintain 1-Way Traffic East Bound Only during the Storm Sewer Installation just like the plans show for building the Roadway?

This would be acceptable. However, please be aware of the A+B bidding requirements as noted on sheet 9 of the plans and the answer to pre-bid question #2. The maximum number of days that Cooper Foster Park Rd can be down to one lane of one way traffic for the entirety of the project is 180 days.

- 2.) The A&B Bidding Table in Plan Sht 9 states that whenever Cooper Foster Park road is down to 1 Lane Traffic, it will be counted against the 180 days set up to build the project. As stated above in Item #1, Cooper Foster Park Road is very busy and tight and with a detour as proposed above, can this note be removed?

The following paragraph from sheet 9 of the plans should be removed:

"IF THE CONTRACTOR UTILIZES SHORT TERM CLOSURES OF ONE LANE ON COOPER FOSTER PARK ROAD THROUGH THE USE OF FLAGGERS, CLOSURE MORE THAN 4 HOURS WILL COUNT AS HALF A DAY, AND CLOSURES MORE THAN 8 HOURS WILL COUNT AS AN ENTIRE DAY FOR THE A+B BIDDING"

This paragraph shall be replaced with the following:

"IF THE CONTRACTOR UTILIZES SHORT TERM CLOSURES OF ONE LANE (WHILE MAINTAINING TWO WAY TRAFFIC) ON COOPER FOSTER PARK ROAD THROUGH THE USE OF FLAGGERS OR TEMPORARY SIGNALS TO WORK ON PAVEMENT ITEMS OR OTHER ITEMS NOT ASSOCIATED WITH UTILITIES, A CLOSURE OF MORE THAN 4 HOURS WILL COUNT AS HALF A DAY, AND CLOSURES MORE THAN 8 HOURS WILL COUNT AS AN ENTIRE DAY FOR THE A+B BIDDING. HOWEVER, IF THE CONTRACTOR USES THIS TYPE OF CLOSURE TO WORK SOLELY ON UTILITIES (I.E. STORM SEWERS, WATER MAIN, ETC.) THAN THE CLOSURE SHALL NOT COUNT TOWARD THE A+B BIDDING."

The intent of the change in the paragraph is to allow for storm sewers to be constructed in the winter or ahead of the road work if the contractor chooses and for that time to not count toward the A+B bidding, but two way traffic MUST be maintained. If the detour were to be put in place as shown on sheet 17 and only one way traffic allowed while constructing the storm sewer or other utilities, than that time would count toward the A+B bidding.

3.) Sht 32 and Sht 113 Sta 60+35 D-70 to D-69. Plans show 34"x53" Elliptical Pipe. No Bid Item?

The drainage subsummary on SH 24 lists the item D-69, 51 feet of 34"x53" conduit type B, 706.04, SH 19 mistakenly shows pay item 611E52402 – 22"x 34" Conduit Type B, 706.04. This should be removed from the list and replaced with Item 611E52902 – 34" x 53" Conduit Type B, 706.04. No changes to the quantities are needed. Updated bid proposal sheets are included with this addendum and are required to be used.

4.) Detector Loop proposed to be replaced. Do not see a Bid item for this Work?

"Item 632E26501 – Detector Loop, As per plan" has been added to the updated bid proposal sheets. There is a quantity of 1 each on the subsummary and included in the notes.

5.) Is Cold Mix required for Storm Sewers and if so, how will this be paid?

Cold Mix is not required. Backfill requirements for 611 items should be in accordance with Item 611.06:

"611.06 Bedding and Backfill. Place and compact bedding and backfill as described in the installation plan. Record any deviations from the installation plan on the construction inspection forms and revise the installation plan.

Wrap coarse aggregate bedding and backfill with geotextile fabric, Type A below groundwater elevation. Place geotextile fabric, Type A above coarse aggregate backfill for the full width of the trench. Shape the bedding with recesses to receive the bell of bell-and-spigot conduit. Loosen the bedding in the middle third to seat the conduit. If using LSM for bedding, also use LSM for backfill to at least 6 inches (150 mm) over the top of the conduit. Install bedding and backfill for Type F conduits for underdrain outlets according to 605.03.C. Conduit Manufacturers may approve materials listed in 611.02 for Final Backfill for use as Bedding and Structural Backfill for Type F conduits on slopes 3:1 or greater. Conduit Manufacturers may approve materials listed in 611.02 for Final Backfill for use as Structural Backfill for conduit Types D and E and drainage structures not located in pavement. Identify the use of Final Backfill materials proposed for Bedding and Structural Backfill in the Installation Plan and cross-section details.

Ensure compaction density complies with the installation plan by performing compaction testing according to Supplement 1015 and the manufacturer's recommendation. Final Backfill shall meet or exceed the requirements of 203. If Structural Backfill Type 3 or open graded material is used, vibrate, tamp or compact to the compaction level required by the manufacturer in the installation plan."

If it is requested of the Contractor to place cold mix on crossings or other areas due to the amount of traffic it would be eligible to be paid under Item 614 - Asphalt Concrete for Maintaining Traffic .

6.) For Pipe Removal Items: Is Granular Backfill required?

Backfill requirements should follow Item 202.02: "Use removed or excavated materials in the Work when the material conforms to the specifications; if not, then dispose of the material according to 105.16 and 105.17.

Do not remove any item in use by traffic until after making arrangements to accommodate traffic.

When backfilling is required, backfill the resulting cavities, voids, or trenches with either Item 203 embankment material or Item 611 Structural Backfill Type 1 or 2. Use Item 611 Structural Backfill when the removed item is under the proposed pavement or paved shoulder and when the site limits the use of compaction equipment larger than an 8-ton (7 metric tons) roller; otherwise the Contractor may use Item 203 embankment material. Place and compact the embankment or Item 611 Structural Backfill according to 203.

For backfilled areas outside the plan construction limits, provide a final grade that presents a neat, well-drained appearance that conforms to the final topography and prevents water from draining onto adjacent properties."

7.) I do not see any Bid Items for Temp. Striping removal? How will this be paid?

The removal of the work zone pavement markings shall be incidental to the corresponding Item 614 work zone pavement marking.

8.) Is October 31, 2020 the completion date or is this supposed to be October 19th, 2019?

Completion date has been changed to May 31, 2020 on the proposal sheets provided with this addendum.

9.) Can the bid date be backed up a few days?

Addendum #1 was issued on 9/21/2018. The bid date per the addendum has been moved to 10/2/2018 at 2:00 p.m.

10.) Are there Soil Borings? If rock is encountered, how will this be paid?

Soil borings were completed in October 2009. Anyone who would like a copy (pdf) of the borings please contact Shaun Duffala at sduffala@loraincounty.us. No additional payment for excavation of rock will be paid.

11.) The proposal note in the A+B Bidding Contract Table note appears to be missing from the contract book.

The proposal note (PN 124) is being included as part of this addendum. Also being included are updated bid proposal sheets that include a "Part B" as explained in the proposal note.

12.)What does "Item 202-Pavement Removed, Asphalt" include?

This item is to include removal of the asphalt and concrete base as shown as "A" & "B" on the typical sections on sheet 4 of the plans and as called out in 202.05 of the ODOT C&MS:

"If item 202 Pavement Removed is specified in the Contract, remove all asphalt, concrete, or brick from the surface to the bottom of the pavement courses as shown on the plans."

13.)Can you make the office calculations available?

The office calculations are not available as of the time this addendum was completed . If there are any specific questions regarding any of the quantities please forward them to Shaun Duffala at sduffala@loraincounty.us.

TO THE LORAIN COUNTY BOARD OF COMMISSIONERS OF LORAIN COUNTY, OHIO

For the construction of the project known as: LOR-Cooper Foster Park Road

In accordance with the plans and specifications now on file in the office of the Lorain County Engineer
247 Hadaway Street, Elyria, Ohio 44035

The signer of this proposal, as bidder, declares that the only persons, company, or parties interested in this proposal, as principals, are named herein; that he/she has carefully examined the contract documents (Legal Notice, General Provisions, Bonds, Contract, Plans, Specifications, Detailed Provisions, and Engineer's Estimate) and understands that the "Standard Construction and Material Specifications" of the Ohio Department of Transportation, in effect as of the date of this proposal, are incorporated herein as if fully and completed attached hereto, and made a part hereof, that he/she has made all investigations necessary to determine the location, character, and extent of the work, and agrees to furnish all labor, material, and equipment necessary to complete the above mentioned improvement within the time mentioned, for the following prices, to wit:

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
PART A							
		ROADWAY					
1	201	CLEARING AND GRUBBING	LS				
2	202	STRUCTURE REMOVED, AS PER PLAN	LS				
3	202	PAVEMENT REMOVED	4704 SY				
4	202	PAVEMENT REMOVED, ASPHALT	20853 SY				
5	202	BASE REMOVED	19201 SY				
6	202	WALK REMOVED	1027 SF				
7	202	CURB REMOVED	3705 FT				
8	202	PIPE REMOVED, 24" AND UNDER	1492 FT				
9	202	PIPE REMOVED, OVER 24"	75 FT				
10	202	GUARDRAIL REMOVED	25 FT				

**BID PROPOSAL
PAGE 2 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
11	202	MAILBOX REMOVED, AS PER PLAN	5 EACH				
12	202	MANHOLE REMOVED	1 EACH				
13	202	CATCH BASIN REMOVED	22 EACH				
14	SPECIAL	PIPE CLEANOUT, 24" AND UNDER	100 FT				
15	202	REMOVAL MISC.:MAILBOX REMOVED AND RESET	28 EACH				
16	203	EXCAVATION	2957 CY				
17	203	EMBANKMENT	139 CY				
18	204	SUBGRADE COMPACTION	31058 SY				
19	204	EXCAVATION OF SUBGRADE	2020 CY				
20	204	GRANULAR MATERIAL, TYPE B	2020 CY				
21	204	PROOF ROLLING	14 HOUR				
22	204	GEOTEXTILE FABRIC	4041 SY				
23	606	GUARDRAIL, TYPE MGS	37.5 FT				
24	606	ANCHOR ASSEMBLY, TYPE T	2 EACH				
25	608	4" CONCRETE WALK	4623 SF				
26	608	CURB RAMP	652 SF				
27	623	MONUMENT ASSEMBLY REMOVED AND RESET	3 EACH				
28	SPECIAL	MAILBOX SUPPORT SYSTEM, SINGLE	28 EACH				
		EROSION CONTROL					

**BID PROPOSAL
PAGE 3 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
29	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	4 CY				
30	659	TOPSOIL	1555 CY				
31	659	SEEDING AND MULCHING	14000 SY				
32	659	REPAIR SEEDING AND MULCHING	700 SY				
33	659	COMMERCIAL FERTILIZER	2 TON				
34	659	LIME	3 ACRE				
35	659	WATER	76 MGAL				
36	832	STORM WATER POLLUTION PREVENTION PLAN	LS				
37	832	EROSION CONTROL	80000 EACH			\$ 1.00	\$ 80,000.00
		DRAINAGE					
38	602	CONCRETE MASONRY	0.9 CY				
39	605	6" SHALLOW PIPE UNDERDRAINS	10439 FT				
40	605	6" UNCLASSIFIED PIPE UNDERDRAINS	148 FT				
41	611	4" CONDUIT, TYPE C, 707.42	8 FT				
42	611	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	620 FT				
43	611	6" CONDUIT, TYPE B FOR DRAINAGE CONNECTION	100 FT				
44	611	6" CONDUIT, TYPE C, 706.08	4 FT				
45	611	6" CONDUIT, TYPE C FOR DRAINAGE CONNECTION	100 FT				
46	611	12" CONDUIT, TYPE B	1695 FT				

**BID PROPOSAL
PAGE 4 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
47	611	12" CONDUIT, TYPE C, 706.02	10 FT				
48	611	12" CONDUIT, TYPE C, 707.12	16 FT				
49	611	12" CONDUIT, TYPE C	274 FT				
50	611	15" CONDUIT, TYPE B	778 FT				
51	611	15" CONDUIT, TYPE C, 706.02	48 FT				
52	611	15" CONDUIT, TYPE C	88 FT				
53	611	18" CONDUIT, TYPE B	100 FT				
54	611	18" CONDUIT, TYPE C, 706.02	88 FT				
55	611	18" CONDUIT, TYPE C	42 FT				
56	611	21" CONDUIT, TYPE B	48 FT				
57	611	21" CONDUIT, TYPE C	122 FT				
58	611	24" CONDUIT, TYPE C, 706.02	8 FT				
59	611	27" CONDUIT, TYPE B, 706.02	4 FT				
60	611	30" CONDUIT, TYPE C, 706.02	2 FT				
61	611	30" CONDUIT, TYPE C	11 FT				
62	611	36" CONDUIT, TYPE C, 706.02	8 FT				
63	611	42" CONDUIT, TYPE B	3316 FT				
64	611	42" CONDUIT, TYPE C	58 FT				
65	611	34" X 53" CONDUIT, TYPE B, 706.04	51 FT				

**BID PROPOSAL
PAGE 5 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
66	611	29" X 45" CONDUIT, TYPE B, 706.04	13 FT				
67	611	CATCH BASIN, NO. 3 WITH DIAGONAL GRATE	3 EACH				
68	611	CATCH BASIN, NO. 3A WITH DIAGONAL GRATE	32 EACH				
69	611	CATCH BASIN, NO. 6	7 EACH				
70	611	CATCH BASIN, NO. 2-2B	13 EACH				
71	611	CATCH BASIN, NO. 2-3	1 EACH				
72	611	CATCH BASIN ADJUSTED TO GRADE	4 EACH				
73	611	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN	9 EACH				
74	611	CATCH BASIN, MISC.: CATCH BASIN, AS PER PLAN	16 EACH				
75	611	INLET, SIDE DITCH	9 EACH				
76	611	MANHOLE, NO. 3	33 EACH				
77	611	MANHOLE, NO. 3 WITH 84" BASE I.D. AND 6" WEIR	2 EACH				
78	611	MANHOLE ADJUSTED TO GRADE	3 EACH				
79	611	MANHOLE RECONSTRUCTED TO GRADE	1 EACH				
80	SPECIAL	MISCELLANEOUS METAL FOR DRAINAGE CONNECTION	500 LB				
81	895	MANUFACTURED WATER QUALITY STRUCTURE, TYPE 1	2 EACH				
		PAVEMENT					
82	301	ASPHALT CONCRETE BASE, PG64-22	19 CY				
83	304	AGGREGATE BASE	4496 CY				

**BID PROPOSAL
PAGE 6 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
84	407	NON-TRACKING TACK COAT	14 GAL				
85	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (446), PG64-22	4 CY				
86	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	6 CY				
87	452	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1	175 SY				
88	452	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1	28557 SY				
89	609	CURB, TYPE 2-A	10970 FT				
		WATER WORK					
90	638	FIRE HYDRANT ADJUSTED TO GRADE	10 EACH				
91	638	VALVE BOX ADJUSTED TO GRADE	19 EACH				
		SANITARY SEWER					
92	611	MANHOLE ADJUSTED TO GRADE	33 EACH				
		TRAFFIC CONTROL					
93	630	GROUND MOUNTED SUPPORT, NO. 2 POST	390 FT				
94	630	SIGN, FLAT SHEET	184.5 SF				
95	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	14 EACH				
96	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	4 EACH				
97	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	4 EACH				
98	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECTION	4 EACH				
99	632	DETECTOR LOOP, AS PER PLAN	1 EACH				

**BID PROPOSAL
PAGE 7 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
100	646	LANE LINE, 6"	0.09 MILE				
101	646	CENTER LINE	1.77 MILE				
102	646	CHANNELIZING LINE, 8"	809.25 FT				
103	646	STOP LINE	288 FT				
104	646	CROSSWALK LINE	473 FT				
105	646	TRANSVERSE/DIAGONAL LINE	40 FT				
106	646	LANE ARROW	57 EACH				
		MISCELLANEOUS STRUCTURE					
107	202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	LS				
108	503	UNCLASSIFIED EXCAVATION	LS				
109	509	EPOXY COATED REINFORCING STEEL	2283 LB				
110	510	DOWEL HOLES WITH CEMENT GROUT	19 EACH				
111	511	CLASS QC1 CONCRETE, FOOTING	8 CY				
112	511	CLASS QC1 CONCRETE, HEADWALL	11 CY				
113	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	31 SY				
114	512	TYPE 2 WATERPROOFING	89 SY				
115	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	4 CY				
		MAINTENANCE OF TRAFFIC					
116	614	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	50 HOUR				

**BID PROPOSAL
PAGE 8 OF 9**

ITEM	ODOT SPEC	MATERIAL DESCRIPTION	ESTIMATED QUANTITY	LABOR PRICE	MAT'L. PRICE	TOTAL UNIT \$	TOTAL BID FOR ITEM
117	614	REPLACEMENT SIGN	10 EACH				
118	614	REPLACEMENT DRUM	25 EACH				
119	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	57 CY				
120	614	WORK ZONE EDGE LINE, CLASS I, 6"	2.27 MILE				
121	614	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	320 FT				
122	614	WORK ZONE STOP LINE, CLASS I	50 FT				
123	614	WORK ZONE ARROW, CLASS I	12 EACH				
124	616	WATER	41 MGAL				
		INCIDENTALS					
125	103	PREMIUM FOR CONTRACT PERFORMANCE BOND, PAYMENT BOND AND MAINTENANCE BOND	LS				
126	614	MAINTAINING TRAFFIC	LS				
127	619	FIELD OFFICE, TYPE B	18 MNTH				
128	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LS				
129	624	MOBILIZATION	LS				

CONTRACTOR'S TOTAL PART A BID: \$ _____

PART B

CALENDAR DAYS OF CONTRACT TIME FOR OPENING TO
UNRESTRICTED TRAFFIC

_____ DAYS X \$1500 PER DAY = _____

CONTRACTOR'S TOTAL PART B BID: \$ _____

CONTRACTOR'S TOTAL PART A+B BID: \$ _____

The undersigned further agrees to accept the foregoing total unit prices as compensation for any small additions or deductions caused by changes or alterations in the plans or specifications for the work.

The undersigned further agrees to commence work on or before _____, 20____, and to complete all work on or before **May 31, 2020**.

A certified check, cashier's check or letter of credit equal to ten percent (10%) of the total amount of the bid, or a bond for the full amount (100%) of the total amount of the bid accompanies this proposal.

On acceptance of this proposal for said work, I/WE do hereby bind myself/ourselves to enter into a written contract with the Board of Commissioners within ten (10) days from the date of the Notice of Award.

*****NOTE: ODOT Specification Item No. 401.20 "Asphalt Price Adjustment" does not apply to this bid or any Contract entered into for this project.**

SIGNATURE TITLE DATE PHONE NUMBER FAX NUMBER

COMPANY NAME STREET ADDRESS CITY STATE ZIP

PN 124 - 10/18/2013 - A + B Bidding

Description.

Bid the time in calendar days that the Bidder proposes to use to substantially complete the project, subject to any minimum and maximum number of days that may be specified for the project.

Incentive/Disincentive (I/D) values are listed for the project in the *A+B Contract Table*. The A+B Contract Table is located in the Plan General Notes.

The Department will adjust bids, for bid comparison purposes only; to include consideration of the days bid and the I/D value for the project.

Contract Segments, Incentives/Disincentives. For this project, the minimum and maximum number of days that may be bid, and the corresponding I/D amounts are as shown in the *A+B Contract Table*.

Definitions.

The following terms are defined:

Minimum Days: This is the minimum number of calendar days that the Bidder may bid for the subject project.

Maximum Days: This is the maximum number of calendar days that the Bidder may bid for the subject project.

Unrestricted Traffic: The affected lanes are open to unrestricted traffic flow with the specified striping and safety features in place.

Substantial Completion: The Project is in its final configuration in accordance with the plans and open to unrestricted traffic.

Consideration of Proposals.

When A+B Bidding is specified, after proposals are opened and read, the Department will compare the proposals based on the adjusted bid, which is determined as follows:

$$\text{Adjusted bid} = A + [B \times (I/D)]$$

Where:

A = Sum of the estimated unit quantities multiplied by the respective unit prices bid;

B = Number of calendar days bid to complete the project

(I/D) = The listed I/D value for the project

Bids that include less than the minimum number of days, or more than the maximum number of days will be considered non-responsive.

The Department will only use adjusted bids to compare proposals and to determine the low bidder.

The Department will make payment for work performed according to the pay provisions of the specified items of work. The Department will make payment for incentives and disincentives as specified in the *A+B Contract Table*.

In C&MS 624, Mobilization, Subsection 624.04, Basis of Payment, the total original contract amount will be only the total of the A Part. The subcontracting limitation will be based on the total of Part A. Any other reference in the plans and specifications to the total contract amount will be considered the total of only Part A, and will not include the sum of the B Parts.

Incentive/Disincentive for Early Completion.

It is in the public's interest that the project be substantially completed at the earliest possible date. The contract provides an incentive/disincentive to encourage the early completion of the project described in the *A+B Contract Table*.

The beginning date for charging calendar days to a project will be the day when traffic on the project is impacted by the construction, unless the beginning date is otherwise stated in the plan notes or specifications. Calendar days will continue to be charged until the segment is determined to be substantially complete.

For the project that is substantially completed in fewer days than bid by the Contractor, the Contractor will earn an incentive. The Department will calculate this incentive payment by multiplying the listed I/D value by the difference in the number of days used by the Contractor to substantially complete the project and the number of days bid for the project.

Correspondingly, for the project that is not substantially completed within the days bid by the Contractor, the Department will charge the Contractor a disincentive. The Department will calculate this disincentive by multiplying the listed I/D value for the project by the difference in the number of days used by the Contractor to substantially complete the project and the number of days bid for the project.

The Department will pay incentives or deduct disincentives, as appropriate, in the progress payment after the project is substantially complete.

Total incentives paid will not exceed five percent of the amount of the total contract unless the Director or his designee determines that the work is so critical that a higher percentage is warranted. There is no limit on the amount of disincentives deducted.

If the Contractor fails to complete the project by final project completion, liquidated damages will be assessed in accordance with Section 108.07 of the C&MS. However, if a disincentive period extends beyond final project completion, the Contractor will be assessed either the disincentive amount or the liquidated damages specified in Section 108.07, whichever is greater, but shall not be assessed the sum of both.

In the event the Contractor impedes the flow of unrestricted traffic subsequent to the substantial completion of any contract segment, the Contractor shall be assessed the daily disincentive amount of any contract segment for each day traffic is restricted.

Extension of contract time will be for calendar days and calculated in accordance with 108.06 except as noted below:

Table 108.06-1 is modified for the work items on the longest path of activities driving the critical work defined in the A+B Contract table as follows:

TABLE 108.06-1 (MODIFIED)

Month	Number of Workdays Lost Due to Weather
December	6
January	8
February	8
March	7
April	6