



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

February 4, 2019

Addendum No. 1

RE: Contract # C204286

WBS # 45930.3.1, Etc.

STBGIM-0040(090), NHPIM-0040(085)

Haywood County (I-5922, I-5923)

I-40 FROM THE TENNESSEE STATE LINE TO MP-15

February 19, 2019 Letting

To Whom It May Concern:

Reference is made to the plans (Sketch Maps) and proposal form furnished to you on this project.

The following revisions have been made to the Sketch Maps:

Sheet No.	Revisions
2A-1	Typical #1 revised to depict existing OGAFc layer and a note added.

Please void the above listed sheet in your plans and staple the revised sheet thereto.

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated 02-04-2019".
Table of Contents	Revised to add: INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES
G-2 and G-3	Added Project Special Provision entitled <u>INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES.</u>
R-1 and R-2	Added Project Special Provision entitled <u>EXISTING BARRIER WALL REMOVAL.</u>

Please void the above listed pages in your proposal and staple the revised pages thereto.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov

On the item sheets the following pay item quantities have been revised:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
0044-4510000000-N-1190	Law Enforcement	100 HR	1,000 HR
0062-0257000000-E-SP	Existing Barrier Wall Removal	New Pay Item	24,576 LF

The Contractor's bid must include these pay item revisions.

The electronic bidding file has been updated to reflect these revisions. Please download the Addendum File and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

Ronald E. Davenport, Jr.

F81B6038A47A442...

Ronald. E. Davenport, Jr., PE
State Contract Officer

RED/jjr

Attachments

cc: Mr. Lamar Sylvester, PE	Mr. Ray Arnold, PE
Mr. Brian Burch, PE	Ms. Jaci Kincaid
Mr. Ron Hancock, PE	Mr. Mike Gwyn
Mr. Jon Weathersbee, PE	Ms. Lori Strickland
Mr. Ken Kennedy, PE	Mr. Alex Foster
Mr. Mitchell Dixon	Ms. Penny Higgins
Project File (2)	Mr. Alex Foster

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No.1 DATED 02-04-2019

DATE AND TIME OF BID OPENING: **FEBRUARY 19, 2019 AT 2:00 PM**

CONTRACT ID C204286
WBS 45930.3.1, 45932.3.1

FEDERAL-AID NO. STBGIM-0040(090), NHPIM-0040(085)
COUNTY HAYWOOD
T.I.P. NO. I-5922, I-5923
MILES 15.000
ROUTE NO. I 40
LOCATION I-40 FROM THE TENNESSEE STATE LINE TO MP-15.

TYPE OF WORK PAVEMENT REHAB, CONC BARRIER, AND GUARDRAIL.

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

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2. For **New Year's Day**, between the hours of **thirty (30) minutes before sunset** December 31st until **thirty (30) minutes after sunrise** January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until **thirty (30) minutes after sunrise** the following Tuesday.
3. For **Thanksgiving**, between the hours of **thirty (30) minutes before sunset** Tuesday and **thirty (30) minutes after sunrise** Monday.
4. For **Christmas**, between the hours of **thirty (30) minutes before sunset** the Friday **before the week of Christmas Day** and **thirty (30) minutes after sunrise** the following Monday **after the week of Christmas Day**.
5. For **Leaf Season**, from **October 1st** through **October 31st**.

The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Five Hundred Dollars (\$ 500.00)** per fifteen (15) minute time period.

INTERMEDIATE CONTRACT TIME NUMBER 2 AND LIQUIDATED DAMAGES:

(2-20-07) (Rev. 6-18-13)

108

SP1 G14 H

The Contractor shall complete the work required of **constructing the median barrier wall from Mile Marker 0 to Mile Marker 4** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **January 2, 2020**.

The completion date for this intermediate contract time is **May 16, 2020**.

The liquidated damages are **Two Thousand Dollars (\$ 2,000.00)** per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 3 AND LIQUIDATED DAMAGES:

(6-18-13)

108

SP1 G14 K

The Contractor shall complete the work required of **Map #11** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **April 1, 2019**.

The completion date for this intermediate contract time is **July 1, 2019**.

The liquidated damages are **Two Hundred Fifty Dollars (\$ 250.00)** per calendar day.

INTERMEDIATE CONTRACT TIME NUMBER 4 AND LIQUIDATED DAMAGES:

(6-18-13)

108

SP1 G14 L

The Contractor shall complete the work required of constructing the paved shoulders, excluding milled rumble strips as shown on Typical 1, convert existing drainage structures to traffic bearing drop inlets, patch around the traffic bearing drop inlets and place temporary pavement markings from **Mile Marker 0 to Mile Marker 4** and shall place and maintain traffic on same.

The date of availability for this intermediate contract time is **April 1, 2019**.

The completion date for this intermediate contract time is **January 1, 2020**.

The liquidated damages are **Two Thousand Dollars (\$2,000.00)** per calendar day.

MAJOR CONTRACT ITEMS:

(2-19-02)

104

SP1 G28

The following listed items are the major contract items for this contract (see Article 104-5 of the *2018 Standard Specifications*):

Line #	Description
10	Asphalt Concrete Surface Course, Type S9.5 D
14	Patching Existing Pavement
18	Concrete Barrier Type Single Slope Double Faced

SPECIALTY ITEMS:

(7-1-95)(Rev. 1-17-12)

108-6

SP1 G37

Items listed below will be the specialty items for this contract (see Article 108-6 of the *2018 Standard Specifications*).

Line #	Description
23-32	Guardrail
49-54	Long-Life Pavement Markings
61	Permanent Pavement Markers

FUEL PRICE ADJUSTMENT:

(11-15-05) (Rev. 2-18-14)

109-8

SP1 G43

Revise the *2018 Standard Specifications* as follows:

Page 1-87, Article 109-8, Fuel Price Adjustments, add the following:

The base index price for DIESEL #2 FUEL is \$ **1.8075** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

Description	Units	Fuel Usage Factor Diesel
Unclassified Excavation	Gal/CY	0.29
Borrow Excavation	Gal/CY	0.29
Class IV Subgrade Stabilization	Gal/Ton	0.55
Aggregate Base Course	Gal/Ton	0.55
Sub-Ballast	Gal/Ton	0.55
Asphalt Concrete Base Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Intermediate Course, Type _____	Gal/Ton	2.90
Asphalt Concrete Surface Course, Type _____	Gal/Ton	2.90
Open-Graded Asphalt Friction Course	Gal/Ton	2.90
Permeable Asphalt Drainage Course, Type _____	Gal/Ton	2.90
Sand Asphalt Surface Course, Type _____	Gal/Ton	2.90
Aggregate for Cement Treated Base Course	Gal/Ton	0.55
Portland Cement for Cement Treated Base Course	Gal/Ton	0.55

PROJECT SPECIAL PROVISIONS**ROADWAY****SHOULDER RECONSTRUCTION PER SHOULDER MILE:**

(1-18-00) (Rev 9/28/18)

SP1 R07 BR (Rev)

Description

The Contractor shall place graded stone material along the completed edge of pavement and construct shoulders as shown on the sketch map or as directed by the Engineer. The area shall be backfilled and compacted to the satisfaction of the Engineer.

Materials

The graded stone material shall meet the requirements of Section 545-2 of the *2018 Standard Specifications*. Acceptance of graded stone material will be made by visual inspection and approval by the Engineer as being satisfactory.

Construction Methods

Prior to adding the graded stone material, the existing shoulder shall be scarified to provide the proper bond and the placed graded stone material compacted to the satisfaction of the Engineer.

Measurement and Payment

Shoulder Reconstruction will be measured and paid as the actual number of miles of shoulders that have been reconstructed. Measurement will be made along the surface of each shoulder to the nearest 0.01 of a mile. Such price will be full compensation for furnishing the graded stone material, hauling, placing, and compaction.

Payment will be made under:

Pay Item

Shoulder Reconstruction

Pay Unit

Shoulder Mile

CONSTRUCTION SEQUENCE:

(7-1-95) (Rev. 8-21-12)

560

SP1 R34R

Pave each section of roadway begun in a continuous operation. Do not begin work on another section of roadway unless satisfactory progress is being made toward completion of intersections and all other required incidental work by satisfactorily furnishing additional paving equipment and personnel, except for milling and patching operations.

EXISTING BARRIER WALL REMOVAL:**Description**

Remove and properly dispose of existing barrier wall at locations where proposed concrete barrier is to be placed and as directed by the Engineer.

Construction Methods

Perform work in accordance with the applicable requirements of Section 225 of the *Standard Specifications* and as directed by the Engineer.

Measurement and Payment

Existing Barrier Wall Removal will be measured and paid per linear foot of existing barrier wall satisfactorily removed and disposed of.

Payment will be made under:

Pay Item	Pay Unit
Existing Barrier Wall Removal	LF

PRICE ADJUSTMENT - ASPHALT BINDER FOR PLANT MIX:

(11-21-00)

620

SP6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the *2018 Standard Specifications*.

The base price index for asphalt binder for plant mix is \$ **495.56** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **January 1, 2019**.

ASPHALT CONCRETE SURFACE COURSE COMPACTION:

(7-1-95) (Rev. 8-21-12)

SP6 R49R

Compact the asphalt surface course on this project in accordance with Subarticle 610-9 of the *2018 Standard Specifications* and the following provision:

Perform the first rolling with a steel wheel roller followed by rolling with a self-propelled pneumatic tired roller with the final rolling by a steel wheel roller.

MILLING ASPHALT PAVEMENT:

(1-15-19)

607

SP6 R59

Revise the *2018 Standard Specifications* as follows:

Page 6-5, Article 607-2, EQUIPMENT, lines 14-16, delete the seventh sentence of this Article and replace with the following:

Use either a non-contacting laser or sonar type ski system with a minimum of three referencing stations mounted on the milling machine at a length of at least 24 feet.

OPEN GRADED ASPHALT FRICTION COURSE, PERMEABLE ASPHALT DRAINAGE COURSE, AND ULTRA-THIN BONDED WEARING COURSE:

(4-17-12)(Rev. 12-15-15)

609, 610

SP6 R62

When producing and constructing open graded asphalt friction course, permeable asphalt drainage course, and ultra-thin bonded wearing course revise the *2018 Standard Specifications* as follows:

Page 6-9, Subarticle 609-6(B) Required Sampling and Testing Frequencies, delete the third paragraph and replace with the following:

Sample and test the completed mixture from each mix design per plant per year at the following minimum frequency during mix production:

<u>Accumulative Production Increment</u>	<u>Number of Samples per Increment</u>
500 tons	1

County : Haywood

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0996000000-N	350	PIPE CLEAN OUT	120 EA		
0004	1245000000-E	SP	SHOULDER RECONSTRUCTION	23.18 SMI		
0005	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	254,815 SY		
0006	1297000000-E	607	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/4")	484,586 SY		
0007	1308000000-E	607	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")	18,888 SY		
0008	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	8,000 TON		
0009	1523000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	13,107 TON		
0010	1524200000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	53,560 TON		
0011	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	1,174 TON		
0012	1577000000-E	620	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX	3,828 TON		
0013	1662000000-E	650	OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	12,696 TON		
0014	1704000000-E	SP	PATCHING EXISTING PAVEMENT	24,000 TON		
0015	1840000000-E	665	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	316,800 LF		
0016	2407000000-N	840	STEEL FRAME WITH TWO GRATES, STD 840.37	77 EA		
0017	2473000000-N	SP	GENERIC DRAINAGE ITEM STEEL PLATE FOR PULL BOXES	6 EA		

County : Haywood

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0018	2703000000-E	854	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE DOUBLE FACED)	22,176 LF		
0019	2703000000-E	854	CONCRETE BARRIER, TYPE ***** (SINGLE SLOPE)	2,400 LF		
0020	2710000000-N	854	CONCRETE BARRIER TRANSITION SECTION	8 EA		
0021	2850000000-N	858	GENERIC DRAINAGE ITEM ADJUSTMENT OF OPEN THROAT CATCH BASIN	64 EA		
0022	2995000000-N	SP	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO TRAFFIC BEARING DROP INLET	77 EA		
0023	3030000000-E	862	STEEL BEAM GUARDRAIL	50,500 LF		
0024	3060000000-E	862	STEEL BEAM GUARDRAIL, DOUBLE FACED	200 LF		
0025	3075000000-E	862	TRIPLE CORRUGATED STEEL BM GUARDRAIL	50 LF		
0026	3090000000-N	862	TRIPLE CORRUGATED STEEL BEAM GUARDRAIL TERMINAL SECTIONS	2 EA		
0027	3150000000-N	862	ADDITIONAL GUARDRAIL POSTS	20 EA		
0028	3180000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE ***** (III SHOP CURVED)	7 EA		
0029	3215000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE III	25 EA		
0030	3287000000-N	SP	GUARDRAIL END UNITS, TYPE TL-3	102 EA		
0031	3360000000-E	863	REMOVE EXISTING GUARDRAIL	50,800 LF		
0032	3435000000-N	SP	GENERIC GUARDRAIL ITEM MEDIAN BARRIER REMOVABLE GATE	3 EA		
0033	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	1,355 SF		
0034	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	261 SF		

County : Haywood

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0035	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	15 SF		
0036	4415000000-N	1115	FLASHING ARROW BOARD	3 EA		
0037	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	4 EA		
0038	4422000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	40 DAY		
0039	4430000000-N	1130	DRUMS	250 EA		
0040	4434000000-N	SP	SEQUENTIAL FLASHING WARNING LIGHTS	30 EA		
0041	4465000000-N	1160	TEMPORARY CRASH CUSHIONS	32 EA		
0042	4480000000-N	1165	TMA	3 EA		
0043	4485000000-E	1170	PORTABLE CONCRETE BARRIER	42,640 LF		
0044	4510000000-N	1190	LAW ENFORCEMENT	1,000 HR		
0045	4516000000-N	1180	SKINNY DRUM	300 EA		
0046	4589000000-N	SP	GENERIC TRAFFIC CONTROL ITEM PORTABLE QUEUE WARNING SYSTEM DEPLOYMENT	Lump Sum	L.S.	
0047	4600000000-N	SP	GENERIC TRAFFIC CONTROL ITEM CONNECTED LANE CLOSURE DEVICE	6 EA		
0048	4609000000-N	SP	GENERIC TRAFFIC CONTROL ITEM PORTABLE QUEUE WARNING SYSTEM	150 DAY		
0049	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	25,600 LF		
0050	4688000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	359,740 LF		
0051	4695000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	3,000 LF		

County : Haywood

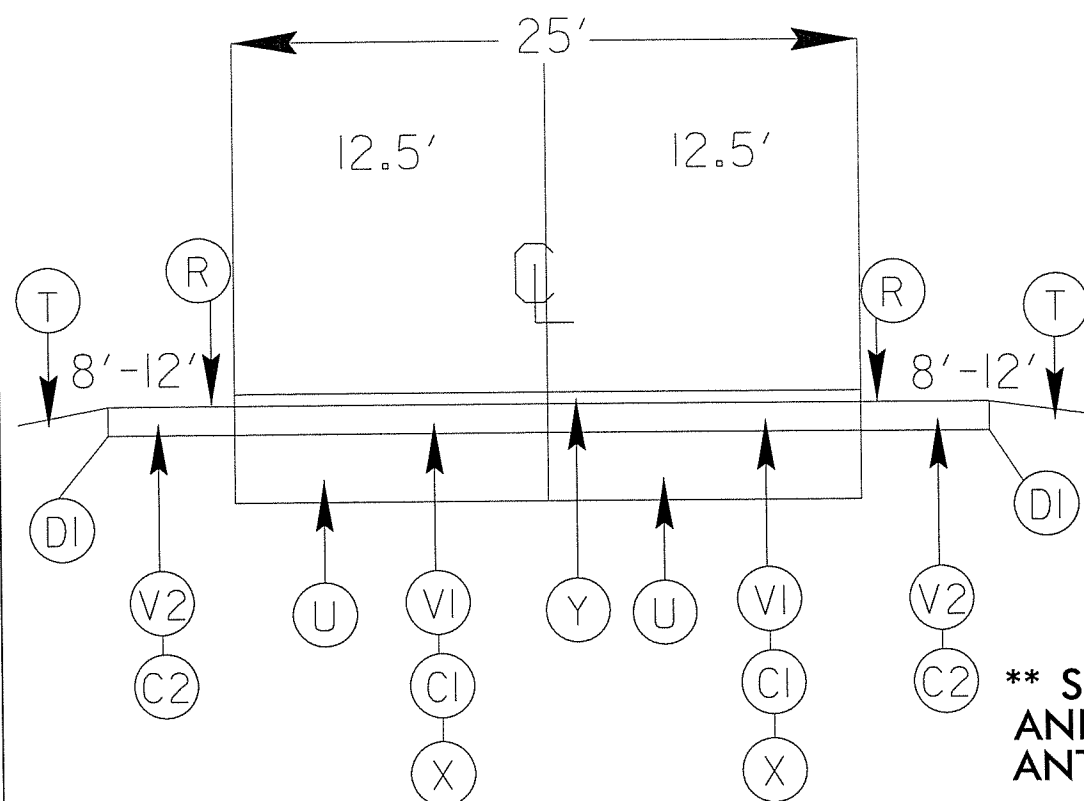
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0052	4700000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	444 LF		
0053	4721000000-E	1205	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	64 EA		
0054	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	73 EA		
0055	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	17,200 LF		
0056	4815000000-E	1205	PAINT PAVEMENT MARKING LINES (6")	372,150 LF		
0057	4825000000-E	1205	PAINT PAVEMENT MARKING LINES (12")	3,200 LF		
0058	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	200 LF		
0059	4845000000-N	1205	PAINT PAVEMENT MARKING SYMBOL	4 EA		
0060	4855000000-E	1205	REMOVAL OF PAVEMENT MARKING LINES (6")	27,650 LF		
0061	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	6,076 EA		
0062	0257000000-E	SP	GENERIC GRADING ITEM EXISTING BARRIER WALL REMOVAL	24,576 LF		

1007/Feb01/Q2204183.18/D203725700000/E62

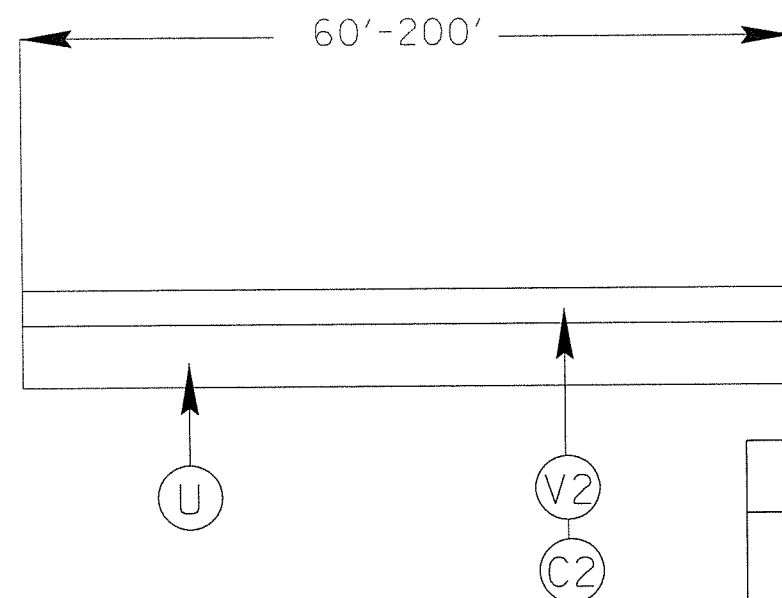
Total Amount Of Bid For Entire Project :

PROJECT REFERENCE NO.		SHEET NO.
I-5922	I-5923	2A-1
STATE PROJECT	F.A. PROJECT NO.	DESCRIPTION

TYPICAL 1



TYPICAL 3

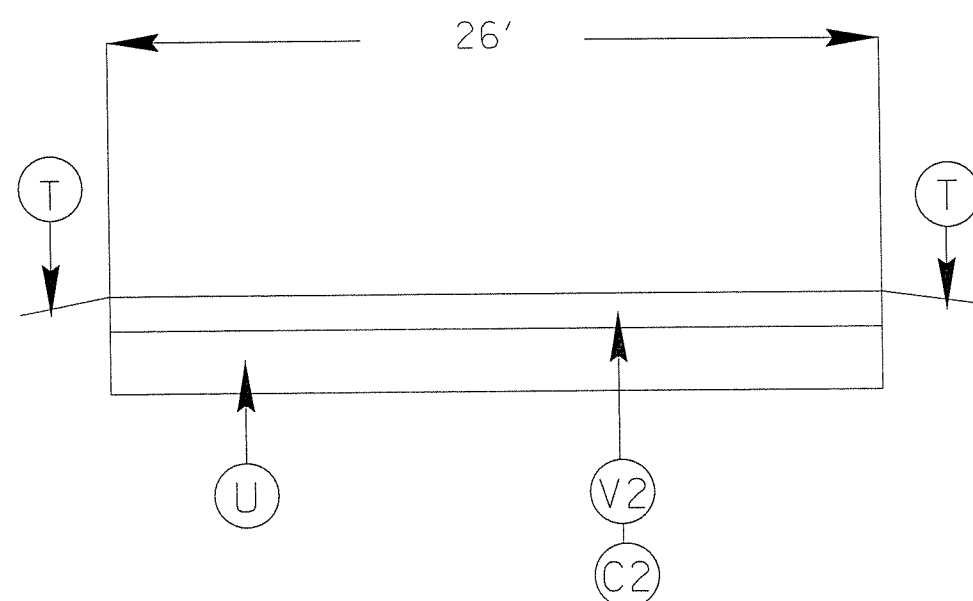


SURFACING SCHEDULE

ITEM NO	DESCRIPTION
C1	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
C2	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS.PER.SQ.YD
D1	PROP. APPROX. VARIABLE DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE,TYPE I19.0C PLACED AT AVERAGE DEPTH OF 114 LBS PER SQ YD. PER 1" DEPTH. TO BE DETERMIED BY PROJECT ENGINEER IN AREAS OF LOW SHOULDER ROLLOVER RATE
R	MILLED RUMBLE STRIPS AS DIRECTED BY THE ENGINEER
T	SHOULDER RECONSTRUCTION AS DIRECTED BY THE ENGINEER
V1	MILLED ASPHALT PAVEMENT 2 1/4" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
V2	MILLED ASPHALT PAVEMENT 1 1/2" IN DEPTH IN LOCATIONS AS DIRECTED BY PROJECT ENGINEER
U	EXISTING ASPHALT
X	OPEN GRADED ASPHALT FRICTION COURSE TYPE FC-1 MODIFIED AT AN AVERAGE RATE OF 90 LBS.PER.SQ.YD
Y	EXISTING 3/4" OGAF

**** SHOULDER MILLING, PAVING, AND RUMBLE STRIPS ARE NOT ANTICIPATED ON MAPS 5 & 6.**

TYPICAL 2



*** NOTE Quantity Included Entrance & Exit Area of Rest Area. ***