



STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
PO BOX 778
DOVER, DELAWARE 19903

JACK MARKELL
GOVERNOR

JENNIFER COHAN
SECRETARY

VIA WEBSITE POSTING

(302) 760-2030
FAX (302) 739-2254

April 6, 2015

Contract No. T201506701.01
Micro-Surfacing, North FY 15-16
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 1 for the referenced contract consisting of the following:

1. The date for the receipt of bids has been moved to Tuesday, April 14, 2015.
2. The following Plan Sheets have been deleted and replaced with the following revised pages: 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41 and 42.

Please note the revision listed above and submit your bid based upon this information.

Sincerely,

signature on file

James H. Hoagland
Contract Services Administrator

:jhh
Enclosure

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT T201506701.01

MICRO-SURFACING, NORTH, FY15-16

NEW CASTLE COUNTY

ADVERTISEMENT DATE: March 9, 2015

COMPLETION TIME: 145 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2001

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time ~~April 7, 2015~~ **April 14, 2015**

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 1

ASHLAND SCHOOL RD FROM MOUNT CUBA RD TO OLD KENNETT RD

LENGTH 2.4457 km 1.52 MIL

GENERAL IMPROVEMENTS

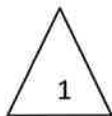
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 1

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	200 TON	
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	14,400 S.Y.	
406001	BITUMINOUS CONCRETE PATCHING	2,500 SY-IN	
406507	CRACK SEALING	3,000 L.F.	
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10 EA-DY	
743050	FLAGGER, NEW CASTLE COUNTY, STATE	100.00 HOUR	
743082	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	10.00 HOUR	
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F.	



Addendum #1 Revised Quantities For Item
Numbers 401823, 403512, 406001, 406507,
743004, 762001

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 2

BRACKENVILLE RD FROM MILLCREEK RD TO BARLEY MILL RD

LENGTH 3.8777 km 2.41 MILE

GENERAL IMPROVEMENTS

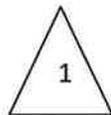
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 2

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	1,000 TON	△
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	31,100.00 S.Y.	
406001	BITUMINOUS CONCRETE PATCHING	19,000 SY-IN	△
406507	CRACK SEALING	9,000.00 L.F.	
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY	
743050	FLAGGER, NEW CASTLE COUNTY, STATE	600 HOUR	△
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	60 HOUR	△
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	460.00 L.F.	
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	200.00 S.F.	
748019	TEMPORARY MARKINGS, PAINT, 4"	40,000 L.F.	△
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	200.00 S.F.	
748530	REMOVAL OF PAVEMENT STRIPING	2,000.00 S.F.	
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	32,500.00 L.F.	
762001	SAW CUTTING, BITUMINOUS CONCRETE	1,000 L.F.	△
743007	TRAFFIC OFFICERS	8 HOUR	△



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 743050, 743062, 748019, 762001. Added Item 743007

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 3

CAMPBELL RD FROM NEW LONDON RD TO KENNETT PIKE

LENGTH 1.9308 km 1.2 MILE

GENERAL IMPROVEMENTS

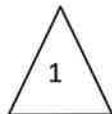
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 3

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, F 64-22, PATCHING	300 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	15,700.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	4,000 SY-IN 
406507	CRACK SEALING	5,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	150 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	20.00 HOUR
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	115.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	25.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	18,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	25.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	1,000.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	14,400.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	300 L.F. 
743007	TRAFFIC OFFICERS	8 HOUR 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 748019, 762001. Added Item 743007

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 4

CENTER MILL RD FROM OLD KENNETT RD TO ASHLAND CLINTON SCHOOL RD

LENGTH 1.2068 km 0.75 MILE

GENERAL IMPROVEMENTS

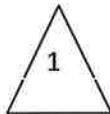
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 4

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	150 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	6,800.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	2,000 SY-IN 
406507	CRACK SEALING	2,000.00 L.F.
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	75 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	10.00 HOUR
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 743050, 762001.

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 5

CENTERVILLE RD FROM HILLSIDE RD TO BARLEY MILL RD

LENGTH 1.6895 km 1.05 MILE

GENERAL IMPROVEMENTS

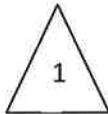
WARM MIX PATCHING, CRACK SEALING, MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 5

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	930 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	14,350.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	16,250 SY-IN 
406507	CRACK SEALING	6,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	450 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	40 HOUR 
748019	TEMPORARY MARKINGS, PAINT, 4"	17,000 L.F. 
748530	REMOVAL OF PAVEMENT STRIPING	1,500.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	11,250.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	1,000.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	30 SF 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	30 SF 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 762001. Added Item 748015, 748026

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 6

CORNER KETCH RD FROM SR 72 TO CORNER KETCH RD

LENGTH 2.4779 km 1.54 MILE

GENERAL IMPROVEMENTS

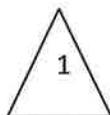
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 6

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	500 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	22,500.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	6,000 SY-IN 
406507	CRACK SEALING	6,000.00 L.F.
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	300 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	30 HOUR 
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	150.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	40,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	150.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	1,000 S.F. 
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	32,800.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	400 L.F. 
743007	TRAFFIC OFFICERS	8 HOUR 
743010	FURNISH AND MAINTAIN TRUCK-MOUNTED ATTENUATOR, TYPE II	4 EA-DY 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 743050, 743062, 748019, 748530, 762001. Added Item 743007, 743010

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 7

EVANSON RD FROM VALLEY RD TO DOE RUN RD

LENGTH 0.7723 km 0.48 MILE

GENERAL IMPROVEMENTS

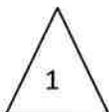
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 7

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	150 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	6,300.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	2,500 SY-IN 
406507	CRACK SEALING	3,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	90 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	10.00 HOUR
748019	TEMPORARY MARKINGS, PAINT, 4"	2,500 L.F. 
748530	REMOVAL OF PAVEMENT STRIPING	1,000 S.F. 
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	1,500.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507 743050, 748019, 748530, 762001.

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 8

HILLSIDE MILL RD FROM MT CUBA RD TO RT 82

LENGTH 1.3355 km 0.83 MILE

GENERAL IMPROVEMENTS

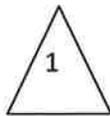
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 8

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	150 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	7,900.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	2,500 SY-IN 
406507	CRACK SEALING	2,000.00 L.F.
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	120 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	20 HOUR 
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 743050, 743062, 762001.

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 9

LITTLE BALTIMORE RD FROM VALLEY RD TO DOE RUN RD

LENGTH 1.2872 km 0.8 MILE

GENERAL IMPROVEMENTS

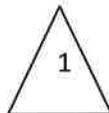
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 9

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	300 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	12,800.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	4,000 SY-IN 
406507	CRACK SEALING	4,000.00 L.F.
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	250 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	30 HOUR 
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	60.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	15,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	60.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	1,000.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	8,100.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 
743010	FURNISH AND MAINTAIN TRUCK-MOUNTED ATTENUATOR, TYPE II	4 EA-DY 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 743050, 743062, 748019, 762001. Added Item 743010

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 10

MONTCHANIN RD FROM BUCK RD TO KIRK RD

LENGTH 1.1263 km 0.7 MILE

GENERAL IMPROVEMENTS

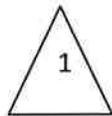
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 10

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, F 64-22, PATCHING	300 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	9,100.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	4,000 SY-IN 
406507	CRACK SEALING	4,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	120 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	10.00 HOUR
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	260.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	16,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	260.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	2,000.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	14,300.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 
743010	FURNISH AND MAINTAIN TRUCK-MOUNTED ATTENUATOR, TYPE II	4 EA-DY 
743007	TRAFFIC OFFICERS	40 HOUR 
746924	FURNISH AND INSTALL LOOP WIRE 1 - CONDUCTOR #14 AWG ENCASED	230 LF 
763502	MAINTENANCE OF RAIL ROAD TRAFFIC	LUMP SUM 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 748019, 762001. Added Item 743010, 743007, 746924, 763502

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 11

OLD KENNETT RD FROM KENETT PIKE TO PA LINE

LENGTH 4.6983 km 2.92 MILE

GENERAL IMPROVEMENTS

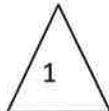
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 11

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, F 64-22, PATCHING	2,000 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	37,800.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	25,000 SY-IN 
406507	CRACK SEALING	10,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	500 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	50 HOUR 
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	130.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	38,600.00 L.F.
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	130.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	2000 S.F. 
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	38,500.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	1,200 L.F. 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748530, 762001.

CONTRACT T201506701

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 12

SHIPLEY RD FROM WILSON RD TO SHIPLEY RD

LENGTH 1.5125 km 0.94 MILE

GENERAL IMPROVEMENTS

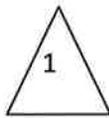
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 12

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	830 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	14,000.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	14,250 SY-IN 
406507	CRACK SEALING	5,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	300 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	30 HOUR 
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	230.00 L.F.
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	160.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	22,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	160.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	1,000.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	17,800.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	500 L.F. 
743007	TRAFFIC OFFICERS	40 HOUR 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 762001. Added Item 743007

CONTRACT T201506701

NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 13 SMITH BRIDGE RD FROM RT 100 TO RIDGE RD

LENGTH 3.1215 km 1.94 MILE

GENERAL IMPROVEMENTS

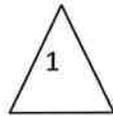
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 13

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	250 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	19,900.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	3,500 SY-IN 
406507	CRACK SEALING	5,000 L.F. 
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	4.00 EA-DY 
743050	FLAGGER, NEW CASTLE COUNTY, STATE	200 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	20.00 HOUR
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	25.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	19,000 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	25.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	500 S.F. 
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	16,500.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	300 L.F. 
763502	MAINTENANCE OF RAILROAD TRAFFIC	LUMP SUM 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 748530 762001. Deleted Item 743010

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 14 SOUTHWOOD RD FROM VALLEY RD TO PA LINE

LENGTH 1.7377 km 1.08 MILE

GENERAL IMPROVEMENTS

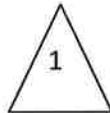
WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 14

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	300 TON	
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	14,800.00 S.Y.	
406001	BITUMINOUS CONCRETE PATCHING	4,000 SY-IN	
406507	CRACK SEALING	5,000 L.F.	
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY	
743050	FLAGGER, NEW CASTLE COUNTY, STATE	300 HOUR	
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	30 HOUR	
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	50.00 S.F.	
748019	TEMPORARY MARKINGS, PAINT, 4"	28,000 L.F.	
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	50.00 S.F.	
748530	REMOVAL OF PAVEMENT STRIPING	500 S.F.	
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	22,400.00 L.F.	
762001	SAW CUTTING, BITUMINOUS CONCRETE	500 L.F.	



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 748530 762001.

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 15

WEDGEWOOD RD FROM MD LINE TO TWEEDS MILL RD

LENGTH 2.1882 km 1.36 MILE

GENERAL IMPROVEMENTS

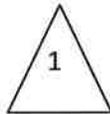
WARM MIX PATCHING, CRACK SEALING, AND MICROSURFACING

COMMENTS:

Please see attached sheets for comments

MATERIAL ESTIMATE FOR LOCATION 15

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	1,000 TON	
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	17,000 S.Y.	
406001	BITUMINOUS CONCRETE PATCHING	19,000 SY-IN	
406507	CRACK SEALING	7,000 L.F.	
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY	
743050	FLAGGER, NEW CASTLE COUNTY, STATE	350 HOUR	
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	20 HOUR	
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	100.00 S.F.	
748019	TEMPORARY MARKINGS, PAINT, 4"	15,000 L.F.	
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	100.00 S.F.	
748530	REMOVAL OF PAVEMENT STRIPING	1,000 S.F.	
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	12,900.00 L.F.	
762001	SAW CUTTING, BITUMINOUS CONCRETE	600 L.F.	



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 748530 762001.

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NORTH
MAINTENANCE

MICRO-SURFACING, NORTH, FY15-FY16

LOCATION 16

WOLLASTON RD FROM KIRKWOOD HWY TO MILLTOWN RD

LENGTH 0.885 km 0.55 MILE

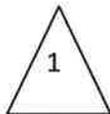
GENERAL IMPROVEMENTS

WARM MIX PATCHING, CRACK SEALING AND MICROSURFACING

COMMENTS:

MATERIAL ESTIMATE FOR LOCATION 16

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, P 64-22, PATCHING	150 TON 
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	6,700.00 S.Y.
406001	BITUMINOUS CONCRETE PATCHING	2,000 SY-IN 
406507	CRACK SEALING	1,500 L.F. 
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	50.00 S.F.
705008	CURB RAMP, TYPE 1	200.00 S.F.
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	10.00 EA-DY
743050	FLAGGER, NEW CASTLE COUNTY, STATE	100 HOUR 
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	10 HOUR 
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLAST IC	25.00 S.F.
748019	TEMPORARY MARKINGS, PAINT, 4"	1,500 L.F. 
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	25.00 S.F.
748530	REMOVAL OF PAVEMENT STRIPING	500.00 S.F.
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	1,100.00 L.F.
762001	SAW CUTTING, BITUMINOUS CONCRETE	200 L.F. 



Addendum #1 Revised Quantities For Item Numbers 401823, 406001, 406507, 743050, 743062, 748019, 762001.

DELAWARE DEPARTMENT OF TRANSPORTATION

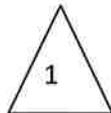
CONTRACT: T201506701

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**NORTH MICRO-SURFACING, NORTH, FY15-FY16
MAINTENANCE**

CONTRACT QUANTITIES SUMMARY SHEET

401823	BITUMINOUS CONCRETE, SUPERPAVE, BITUMINOUS CONCRETE BASE COURSE, 160 GYRATIONS, PG 64-22, PATCHING	8,510	TON	△
403512	POLYMER-MODIFIED EMULSION MICRO-SURFACING	251,150	S.Y.	△
406001	BITUMINOUS CONCRETE PATCHING	130,500	SY-IN	△
406507	CRACK SEALING	77,500	L.F.	△
705007	SIDEWALK SURFACE DETECTABLE WARNING SYSTEM	50.00	S.F.	
705008	CURB RAMP, TYPE 1	200.00	S.F.	
743004	FURNISH AND MAINTAIN PORTABLE CHANGEABLE MESSAGE SIGN	160.00	EA-DY	
743010	FURNISH AND MAINTAIN TRUCK MOUNTED ATTENUATOR, TYPE II	12	EA-DY	△
743050	FLAGGER, NEW CASTLE COUNTY, STATE	4,005	HOUR	△
743062	FLAGGER, NEW CASTLE COUNTY, STATE, OVERTIME	400	HOUR	△
746924	FURNISH & INSTALL LOOP WIRE 1-CONDUCTOR #14 AWG ENCASED IN 1/4" FLEXIBLE TUBING IN A LOOP SAWCUT	1,035	L.F.	△
748015	PERMANENT PAVEMENT STRIPING, SYMBOL/LEGEND ALKYD-THERMOPLASTIC	1,215	S.F.	△
748019	TEMPORARY MARKINGS, PAINT, 4"	272,600	L.F.	△
748026	TEMPORARY MARKINGS, PAINT SYMBOL/LEGEND	1,215	S.F.	△
748530	REMOVAL OF PAVEMENT STRIPING	15,000	S.F.	△
748548	PERMANENT PAVEMENT STRIPING, EPOXY RESIN PAINT, WHITE/YELLOW, 5"	224,050.00	L.F.	
762001	SAW CUTTING, BITUMINOUS CONCRETE	7,200	L.F.	△
763000	INITIAL EXPENSE		LUMP SUM	
763502	MAINTENANCE OF RAILROAD TRAFFIC		LUMP SUM	△
763643	MAINTENANCE OF TRAFFIC, ALL INCLUSIVE		LUMP SUM	
743007	TRAFFIC OFFICERS	104	HOUR	△



Addendum #1 Revised Quantities For Item Numbers 401823, 403512, 406001, 406507, 743010, 743050, 743062, 746924, 748015, 748019, 748026, 748530, 762001, 763502, 743007