TRANSPORTATION CABINET
Frankfort, Kentucky 40622
www.transportation.ky.gov/

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

May 14, 2014

CALL NO. 113
CONTRACT ID NO. 141023
ADDENDUM # 1

Subject: Jefferson County, NHPP IM 2651 (019)
Letting May 30, 2014

(1) Revised - Plan Sheets - R2C, R25, R26, R29 & R30
(2) Revised - Bid Items - Pages 197-201

Proposal revisions are available at http://transportation.ky.gov/Construction-Procurement/.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

Diana Castle Radcliffe

Diana Castle Radcliffe
Director
Division of Construction Procurement

DR:ks
Enclosures

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R2C

REVISED 5-12-14

GENERAL SUMMARY

ITEM	DESCRIPTION	UNIT	PARTIALLY CONTROLLED				FULLY CONTROLLED ACCESS									
			KY 61 MAINLINE		COMMERCE & COOPER CHAPEL ROAD		KY 61 MAINLINE		I-265 EASTBOUND OFF RAMP		I-265 WESTBOUND OFF RAMP				PARTIALLY CONTROLLED ACCESS TOTAL	FULLY CONTROLLED ACCESS TOTAL	PROJECT TOTAL
78	CRUSHED AGGREGATE SIZE NO. 2	TON	6		2		9		4		3				8	16	24
1000	PERFORATED PIPE - 4 IN (2)	L.F	1645		1000		1725		925		600				2645	3250	5895
1001	PERFORATED PIPE - 6 IN (2)	L.F					625								0	625	625
1010	NON - PERFORATED PIPE - 4 IN (2)	L.F	60		40		80		135		85				100	300	400
1011	NON - PERFORATED PIPE - 6 IN (2)	L.F					100								0	100	100
1020	PERFORATED PIPE HEADWALL TYPE 1 - 4 IN (2)	EACH			2		2		2						2	4	6
1024	PERFORATED PIPE HEADWALL TYPE 2 - 4 IN (2)	EACH	2				3		2		1				2	6	8
1028	PERFORATED PIPE HEADWALL TYPE 3 - 4 IN (2)	EACH	3				3				2				3	5	8
1029	PERFORATED PIPE HEADWALL TYPE 3 - 6 IN (2)	EACH					1								0	1	1
1032	PERFORATED PIPE HEADWALL TYPE 4 - 4 IN (2)	EACH	1												1	0	1
1690	FLUME INLET TYPE 1	EACH	1												1	0	1
1691	FLUME INLET TYPE 2	EACH	5				9								5	9	14
1810	STANDARD CURB AND GUTTER	L.F.	982		648		168								1630	168	1798
1825	ISLAND CURB AND GUTTER	L.F.	365		750		848								1115	848	1963
1845	ISLAND INTEGRAL CURB	L.F.							400						0	400	400
1923	STANDARD BARRIER MEDIAN - TYPE 5	SQ.YD.					151								0	151	151
1982	DELINEATOR FOR GUARDRAIL - WHITE	EACH			6		30		12						6	42	48
2091	REMOVE PAVEMENT	SQ. YD.							811						0	811	811
2159	TEMP DITCH	L.F.	1371		1743		1979		983		669				3114	3631	6745
2200	ROADWAY EXCAVATION (12)	CU.YD.	2642		3468		7075		2317		560				6110	9952	16062
2242	WATER (13)	MGAL	1		1				1		1				2	2	4
2351	GUARDRAIL - STEEL W BEAM - SINGLE FACE (1)	L.F.	412.5		537.5		1950		1150						950	3100	4050
2360	GUARDRAIL TERMINAL SECTION NO. 1 (1)	EACH	1						1						1	1	2
2367	GUARDRAIL END TREATMENT - TYPE 1 (1)	EACH	1		1										2	0	2
2369	GUARDRAIL END TREATMENT - TYPE 2A (1)	EACH					2								0	2	2
2381	REMOVE GUARDRAIL (10)	L.F.			325		1800		583						325	2383	2708
2391	GUARDRAIL END TREATMENT - TYPE 4A (1)	EACH							2						0	2	2
2483	CHANNEL LINING CLASS II	TON	667				62		93		155				667	310	977
2484	CHANNEL LINING CLASS III (6)	TON			17										17	0	17
2545	CLEARING AND GRUBBING (4)	L.S.	1				1								1	1	1 (7)
2562	TEMPORARY SIGNS	SQ. FT.	122		82		122		158		158				204	438	642
2568	MOBILIZATION	L.S.	1				1								1	1	1 (7)
2569	DEMOBILIZATION	L.S.	1				1								1	1	1 (7)
2585	EDGE KEY	L.F.	60		191		87								251	87	338
2596	FABRIC - GEOTEXTILE TYPE I (11)	SQ.YD.	550		40		54		107		152				590	313	903
2600	FABRIC GEOTEXTILE TYPE IV FOR PIPE (3)	SQ.YD.			166										166	0	166
2650	MAINTAIN & CONTROL TRAFFIC	L.S.	1				1								1	1	1 (7)
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	3				1		1		1				3	3	6 (9)
2676	MOBILIZATION FOR MILLING & TEXTURING	L.S.			1										1	0	1
2677	ASPHALT PAVE MILLING & TEXTURING (8)	TON			196										196	0	196
2701	TEMPORARY SILT FENCE	L.F.	1416		1414		3134		983		669				2830	4786	7616
2703	SILT TRAP TYPE A	EACH	2		1		4		1		1				3	6	9
2704	SILT TRAP TYPE B	EACH	2		1		4		1		1				3	6	9
2705	SILT TRAP TYPE C	EACH	2		1		4		1		1				3	6	9
2706	CLEAN SILT TRAP TYPE A	EACH	6		3		12		3		3				9	18	27
2707	CLEAN SILT TRAP TYPE B	EACH	6		3		12		3		3				9	18	27
2708	CLEAN SILT TRAP TYPE C	EACH	6		3		12		3		3				9	18	27
2709	CLEAN TEMPORARY SILT FENCE	L.F.	1416		1414		3134		983		669				2830	4786	7616
2720	SIDEWALK - 4 INCH CONCRETE	SQ.YD.	18		605										623	0	623
2721	REMOVE CONCRETE SIDEWALK	SQ.YD.			33										33	0	33
2726	STAKING	L.S.	1				1								1	1	1 (7)
2775	ARROW PANEL	EACH	1		1		1		1		1				2	3	5 (9)
3240	BASE FAILURE REPAIR	SQ. YD.			334										334	0	334

NOTES:

(1) CARRIED OVER FROM GUARDRAIL SUMMARY
(2) CARRIED OVER FROM PERF. PIPE SUMMARY
(3) CARRIED OVER FROM PIPE SUMMARY
(4) APPROXIMATE 12.5 AC.
(5) INCLUDES 1500 S.Y. FOR SLOPES STEEPER THAN 4:1
(6) INCLUDES 17 TONS FOR RCBC
(7) LUMP SUM ITEM SHALL BE BID AS A UNIT OF '1' BUT SHALL INCLUDE BOTH PARTIALLY CONTROLLED AND FULLY CONTROLLED ACCESS AREAS.
(8) FOR MILLING ADJACENT TO EXISTING GUTTER ON THE SOUTH SIDE OF COOPER CHAPEL RD.
(9) SHALL BE USED AS REQUIRED FOR ENTIRE PROJECT REGARDLESS OF ACCESS TYPE.
(10) SEE SPEC. 719.03.07 FOR SALVAGED MATERIAL INSTRUCTIONS.
(11) TYPE I GEOTEXTILE FABRIC TO BE USED AT AGGREGATE LINED DITCHES.
(12) INCLUDES 4,617 CY FOR EMBANKMENT BENCHES.
(13) FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC.

EARTHWORK SUMMARY

COM =	11,445 C.Y.
EMB BENCH =	4,617 C.Y
TOTAL EXC. =	16,062 C.Y.
EMBANKMENT =	7,452 C.Y.
EMB. BENCH =	4,617 C.Y.
TOTAL EMB. =	12,069 C.Y.

GENERAL SUMMARY SHEET
SHEET 1 OF 2

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R2C

GENERAL SUMMARY

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GENERAL SUMMARY SHEET
SHEET 1 OF 2

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R25

REVISED 5-12-14

TRAFFIC MANAGEMENT GENERAL NOTES

TRAFFIC CONTROL GENERAL

Unless otherwise directed or approved by the Engineer, maintenance and control of traffic during construction shall be in accordance with these plans, KYTC Standard Specifications and Standard Drawings, and the Manual on Uniform Traffic Control Devices (MUTCD), current editions.
Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic during construction shall be incidental to "Maintain and Control Traffic ".

PROJECT PHASING & CONSTRUCTION PROCEDURES

Lane closures will not be allowed during the following days and hours:

5:00 a.m.-7:00 p.m	Monday through Friday
All Day Friday through Sunday	Thunder Over Louisville Weekend 2014
All Day Friday through Sunday	Easter Weekend 2014
All Day Friday through Sunday	Kentucky Oaks/Derby Weekend 2014
All Day Friday through Monday	Memorial Day Weekend 2014
All Day Thurs. 4th through Sun. 6th	Independence Day Weekend 2014
All Day Friday through Monday	Labor Day Weekend 2014
All Day Thursday through Sunday	Thanksgiving Weekend 2014
All Day Wed. 24th through Thurs. 1st	Christmas/New Years Week 2014-2015
All Day Friday through Sunday	Thunder Over Louisville Weekend 2015
All Day Friday through Sunday	Easter Weekend 2015
All Day Friday through Sunday	Kentucky Oaks/Derby Weekend 2015
All Day Friday through Monday	Memorial Day Weekend 2015

During allowable hours, single lane closures will be allowed when required by the actual work in progress. Maintain a minimum of one traffic lane on KY-61 and one lane on the ramps at all times during construction. The clear lane widths shall be 10 feet min. for one lane on KY 61, 10 feet min. on ramps and 9 feet min. on Cooper Chapel Drive. Close the adjacent lane when workers or equipment are present within 10 feet of traffic.

Night work is allowed on this project.

LANE & SHOULDER CLOSURES

Long term lane closures will not be allowed. Do not leave short term lane closures in place during non working hours. The lengths of lane closures shall be only that needed for actual operations in accordance with the phasing specified herein. Channelization devices for lane closures shall be Drums, no alternates.

Shoulder closures on KY-61, the ramps and Cooper Chapel Drive are proposed during construction; however maintain the maximum width of shoulder allowed by active operations at any time. Channelization devices for shoulder closures shall be Drums, no alternates due to the close proximity of the work required and the limited area to manage traffic.

A pavement edge that traffic is not expected to cross, except accidentally, should be treated as follows:

- Less than two inches - No protection required. Warning signs should be placed in advance and throughout the drop-off area.
- two to four inches - Place plastic drums or vertical panels every 100 feet on tangent sections for speeds of 50 MPH or greater. Cones may be used in place of plastic drums, panels and barricades during daylight hours. For tangent sections with speeds less than 50 MPH and for curves, devices should be placed every 50 feet. Spacing for tapers shall be in accordance with the Manual on Uniform Traffic Control Devices, current edition.
- Greater than four inches - Positive separation or DGA wedge with 3:1 or flatter slope needed and at end of each workday, wherby the Contractor shall only engage in amount of work that can be wedged and re-opening to traffic during non-work periods. If there is 5 feet or more distance between the edge of pavement and the drop-off, drums, panel or barricades may be used. If there is less than 5 feet of seperation, a DGA wedge will be required, in addition to the drums or panels, during non-work periods. If the drop off is greater than 12 inches, a minimum 10 foot seperation from traffic is strongly encouraged.

  For temporary conditions, drop-offs greater than four inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area.

  Payment will be allowed for the DGA material used for wedging.

PORTABLE CHANGEABLE MESSAGE SIGNS

Provide 6 Portable Changeable Message Signs for the project. Locations for the Portable Changeable Message Signs shall include placement on I-265 in advance of both the I-265 westbound off ramp and the I-265 eastbound off ramp. The portable changeable message signs shall warn the public of possible traffic queuing on I-265 due to construction on the I-265 off ramps and KY 61. The Engineer may adjust the locations of the Portable Changeable Message Signs based on the queue lengths observed during construction. Portable Changeable Message Signs shall be moved as directed by the Engineer as the work progresses. All other Portable Changeable Message Signs locations shall be as directed by the Engineer. The Engineer will designate the messages to be provided. Operate the Portable Changeable Message Signs as directed by the Engineer. In the event of damage or mechanical/electrical failure, repair or replace the Portable Changeable Message Sign within 24 hours. The department will measure for payment the maximum number of signs in concurrent use at the same time on a single day during the contract. Individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Portable Changeable Message Signs shall remain the property of the contractor after construction is complete.

ARROW PANELS

Use Arrow Panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of Arrow Panels in concurrent use at the same time on a single day during the contract. Individual Arrow Panel will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged Arrow Panels directed by the Engineer to be replaced due to poor condition or readability will not be measured for payment. Arrow Panels shall remain the property of the Contractor after construction is complete.

COORDINATION OF WORK

Be advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. Coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority of work phasing on the various projects.

LIQUIDATED DAMAGES AND DISINCENTIVES

The following disincentives will be assessed if all lanes are not open except for during the permitted hours as defined under Lane Closures. This Disincentive also will be assessed to any lane closure not specifically permitted in the Traffic Control Plan. Contrary to the KYTC Std. Spec 108.90 this Disincentive will also be assessed during the months of December through March and shall be assessed for each hour or part of an hour that a lane closure remains in place during periods prohibited by the Traffic Control Plan.

1" Hour @ $1,000.00
2" Hour @ $,2,000.00
Each Hour Thereafter @ $5,000.00

Contrary to the KYTC Std. Spec 108.90 Liquidated Damages and Disincentives will be assessed regardless of whether seasonal limitations prohibit the Contractor from performing work on the controlling operation.
All Liquidated Damages and Disincentives will be applied accumulatively.
All other applicable portions of the KYTC Std. Spec 108.90 shall apply.

PROJECT PHASING

PHASE I

1-1. Temporary adjustment of existing traffic signs and traffic signals as directed by the Engineer shall be considered incidental to the bid item for maintain and control traffic. Install temporary erosion control devices, traffic drums and signing, prepare site for construction, construct earthwork, remove required pavement, construct drainage features and pavement widening (do not construct final overlay surfacing at this time) Maintain traffic for each roadway location as described below. See details sheets for typical sections, drums locations and construction area locations.

1-2. For KY-61, maintain traffic along edge of the existing raised median.

1-3. For Cooper Chapel Road, Construct full depth shoulder paving along northern edge under traffic using temporary evening lane closure with flaggers. Open back to traffic and maintain the majority of the traffic along the existing centerline. Maintain existing sidewalk accessibility at all times.

1-4. For the I-265 Off Ramps, install temporary advance signing on I-265 as shown in Detail A on sheet R26. Each advance sign shall have the 'ON RAMP' plaque displayed underneath. The 'ON RAMP' sign is shown in Detail F on sheet R26. The distances for sign locations are shown on sheet R26, however; the Engineer may adjust the locations of the signs based on queue lengths observed during construction. Individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed and relocated.

1-5. For I-265 Eastbound Off Ramp, maintain one lane of traffic along northern edge of the ramp. Adjust traffic signal as conditions require.

1-6. For I-265 Westbound Off Ramp, maintain traffic along north edge of the ramp.

PHASE II

2-1. Remove drums placed in Phase I. Relocate or adjust existing traffic signs and traffic signals as directed by the Engineer, construct pavement overlay and permanent pavement marking, install drums along edge of KY-61 SB lane adjacent to left turn lane extension construction area, prepare site for construction, construct earthwork, remove required pavement, construct pavement widening. Construct median curb, gutter and pavment work at KY-61 ramp crossing locations. Complete pavement overlay and permanent pavement marking. Maintain proposed sidewalk access on Cooper Chapel Road at all times.

2-2. Remove all drums, temporary signing and temporary markings. Open to traffic.

TRAFFIC MANAGEMENT
GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R25

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A pavement edge that traffic is not expected to cross, except accidentally, should be treated as follows:

- Less than two inches - No protection required. Warning signs should be placed in advance and throughout the drop-off area.
- two to four inches - Place plastic drums or vertical panels every 100 feet on tangent sections for speeds of 50 MPH or greater. Cones may be used in place of plastic drums, panels and barricades during daylight hours. For tangent sections with speeds less than 50 MPH and for curves, devices should be placed every 50 feet. Spacing for tapers shall be in accordance with the Manual on Uniform Traffic Control Devices, current edition.
- Greater than four inches - Positive separation or DGA wedge with 3:1 or flatter slope needed and at end of each workday, wherby the Contractor shall only engage in amount of work that can be wedged and re-opening to traffic during non-work periods. If there is 5 feet or more distance between the edge of pavement and the drop-off, drums, panel or barricades may be used. If there is less than 5 feet of seperation, a DGA wedge will be required, in addition to the drums or panels, during non-work periods. If the drop off is greater than 12 inches, a minimum 10 foot seperation from traffic is strongly encouraged.

  For temporary conditions, drop-offs greater than four inches may be protected with plastic drums, vertical panels or barricades for short distances during daylight hours while work is being done in the drop-off area.

  Payment will be allowed for the DGA material used for wedging.

PORTABLE CHANGEABLE MESSAGE SIGNS

Provide 6 Portable Changeable Message Signs for the project. Locations for the Portable Changeable Message Signs shall include placement on I-265 in advance of both the I-265 westbound off ramp and the I-265 eastbound off ramp. The portable changeable message signs shall warn the public of possible traffic queuing on I-265 due to construction on the I-265 off ramps and KY 61. The Engineer may adjust the locations of the Portable Changeable Message Signs based on the queue lengths observed during construction. Portable Changeable Message Signs shall be moved as directed by the Engineer as the work progresses. All other Portable Changeable Message Signs locations shall be as directed by the Engineer. The Engineer will designate the messages to be provided. Operate the Portable Changeable Message Signs as directed by the Engineer. In the event of damage or mechanical/electrical failure, repair or replace the Portable Changeable Message Sign within 24 hours. The department will measure for payment the maximum number of signs in concurrent use at the same time on a single day during the contract. Individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Portable Changeable Message Signs shall remain the property of the contractor after construction is complete.

ARROW PANELS

Use Arrow Panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of Arrow Panels in concurrent use at the same time on a single day during the contract. Individual Arrow Panel will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged Arrow Panels directed by the Engineer to be replaced due to poor condition or readability will not be measured for payment. Arrow Panels shall remain the property of the Contractor after construction is complete.

COORDINATION OF WORK

Be advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. Coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority of work phasing on the various projects.

LIQUIDATED DAMAGES AND DISINCENTIVES

The following disincentives will be assessed if all lanes are not open except for during the permitted hours as defined under Lane Closures. This Disincentive also will be assessed to any lane closure not specifically permitted in the Traffic Control Plan. Contrary to the KYTC Std. Spec 108.90 this Disincentive will also be assessed during the months of December through March and shall be assessed for each hour or part of an hour that a lane closure remains in place during periods prohibited by the Traffic Control Plan.

1" Hour @ $1,000.00
2" Hour @ $,2,000.00
Each Hour Thereafter @ $5,000.00

Contrary to the KYTC Std. Spec 108.90 Liquidated Damages and Disincentives will be assessed regardless of whether seasonal limitations prohibit the Contractor from performing work on the controlling operation.
All Liquidated Damages and Disincentives will be applied accumulatively.
All other applicable portions of the KYTC Std. Spec 108.90 shall apply.

PROJECT PHASING

PHASE I

1-1. Temporary adjustment of existing traffic signs and traffic signals as directed by the Engineer shall be considered incidental to the bid item for maintain and control traffic. Install temporary erosion control devices, traffic drums and signing, prepare site for construction, construct earthwork, remove required pavement, construct drainage features and pavement widening (do not construct final overlay surfacing at this time) Maintain traffic for each roadway location as described below. See details sheets for typical sections, drums locations and construction area locations.

1-2. For KY-61, maintain traffic along edge of the existing raised median.

1-3. For Cooper Chapel Road, Construct full depth shoulder paving along northern edge under traffic using temporary evening lane closure with flaggers. Open back to traffic and maintain the majority of the traffic along the existing centerline. Maintain existing sidewalk accessibility at all times.

1-4. For the I-265 Off Ramps, install temporary advance signing on I-265 as shown in Detail A on sheet R26. Each advance sign shall have the 'ON RAMP' plaque displayed underneath. The 'ON RAMP' sign is shown in Detail F on sheet R26. The distances for sign locations are shown on sheet R26, however; the Engineer may adjust the locations of the signs based on queue lengths observed during construction. Individual signs will be measured only once for payment, regardless of how many times they are set, reset, removed and relocated.

1-5. For I-265 Eastbound Off Ramp, maintain one lane of traffic along northern edge of the ramp. Adjust traffic signal as conditions require.

1-6. For I-265 Westbound Off Ramp, maintain traffic along north edge of the ramp.

PHASE II

2-1. Remove drums placed in Phase I. Relocate or adjust existing traffic signs and traffic signals as directed by the Engineer, construct pavement overlay and permanent pavement marking, install drums along edge of KY-61 SB lane adjacent to left turn lane extension construction area, prepare site for construction, construct earthwork, remove required pavement, construct pavement widening. Construct median curb, gutter and pavment work at KY-61 ramp crossing locations. Complete pavement overlay and permanent pavement marking. Maintain proposed sidewalk access on Cooper Chapel Road at all times.

2-2. Remove all drums, temporary signing and temporary markings. Open to traffic.

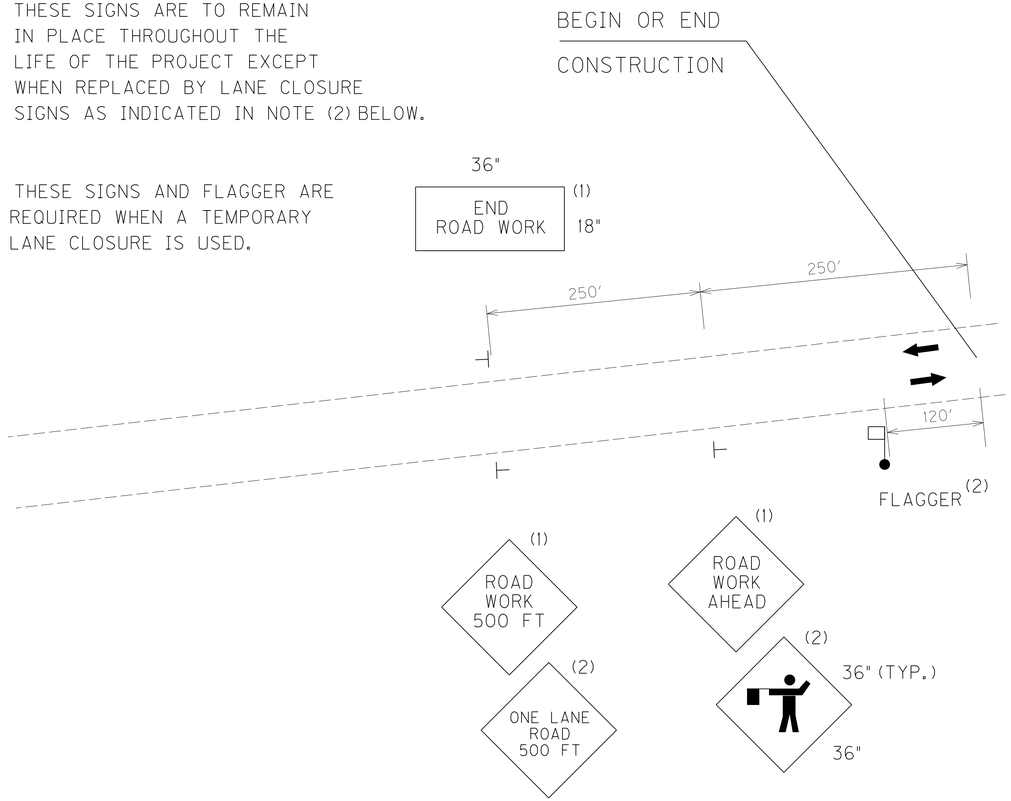
TRAFFIC MANAGEMENT
GENERAL NOTES

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R26

REVISED 5-12-14

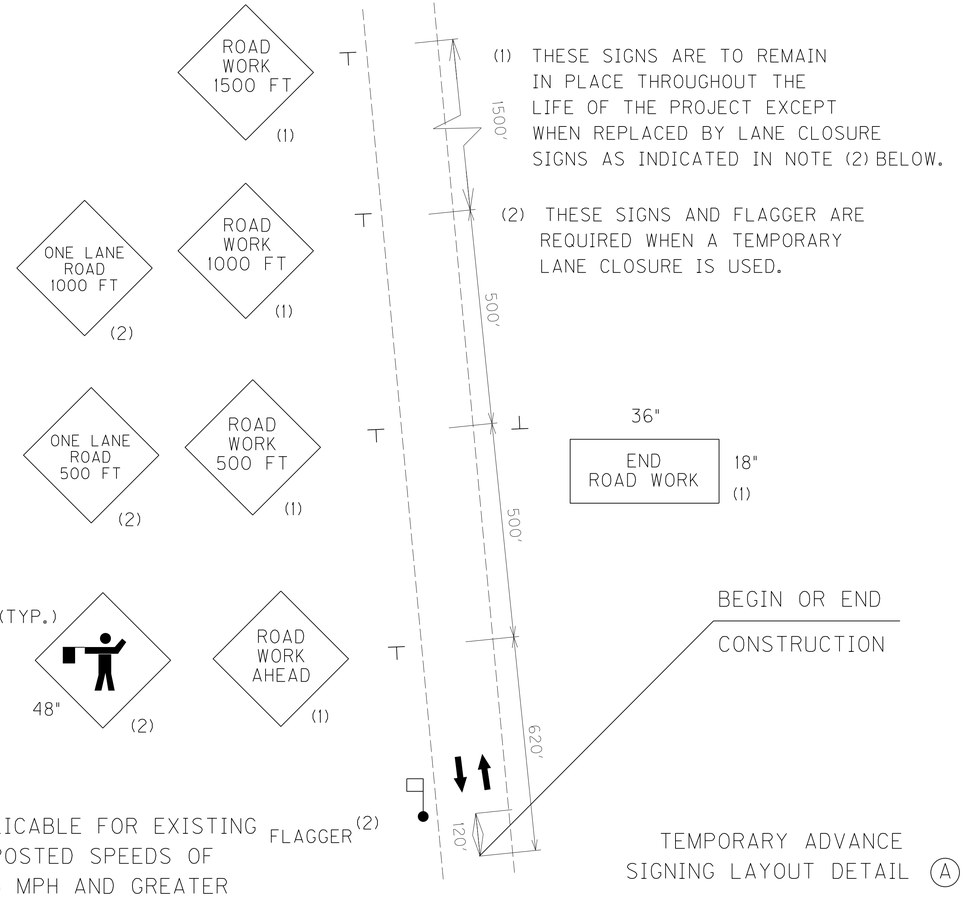
(1) THESE SIGNS ARE TO REMAIN IN PLACE THROUGHOUT THE LIFE OF THE PROJECT EXCEPT WHEN REPLACED BY LANE CLOSURE SIGNS AS INDICATED IN NOTE (2) BELOW.

(2) THESE SIGNS AND FLAGGER ARE REQUIRED WHEN A TEMPORARY LANE CLOSURE IS USED.



APPLICABLE FOR EXISTING POSTED SPEEDS LESS THAN 45 MPH

TEMPORARY ADVANCE SIGNING LAYOUT DETAIL (C)



(1) THESE SIGNS ARE TO REMAIN IN PLACE THROUGHOUT THE LIFE OF THE PROJECT EXCEPT WHEN REPLACED BY LANE CLOSURE SIGNS AS INDICATED IN NOTE (2) BELOW.

(2) THESE SIGNS AND FLAGGER ARE REQUIRED WHEN A TEMPORARY LANE CLOSURE IS USED.

APPLICABLE FOR EXISTING POSTED SPEEDS OF 45 MPH AND GREATER

TEMPORARY ADVANCE SIGNING LAYOUT DETAIL (A)

SIGN DETAIL (E)

W20-1 (36"x36")

SIGN DETAIL (D)

R2-1 (24"x30")

SIGN DETAIL (B)

R2-1 (24"x30")

SIGN DETAIL (F)

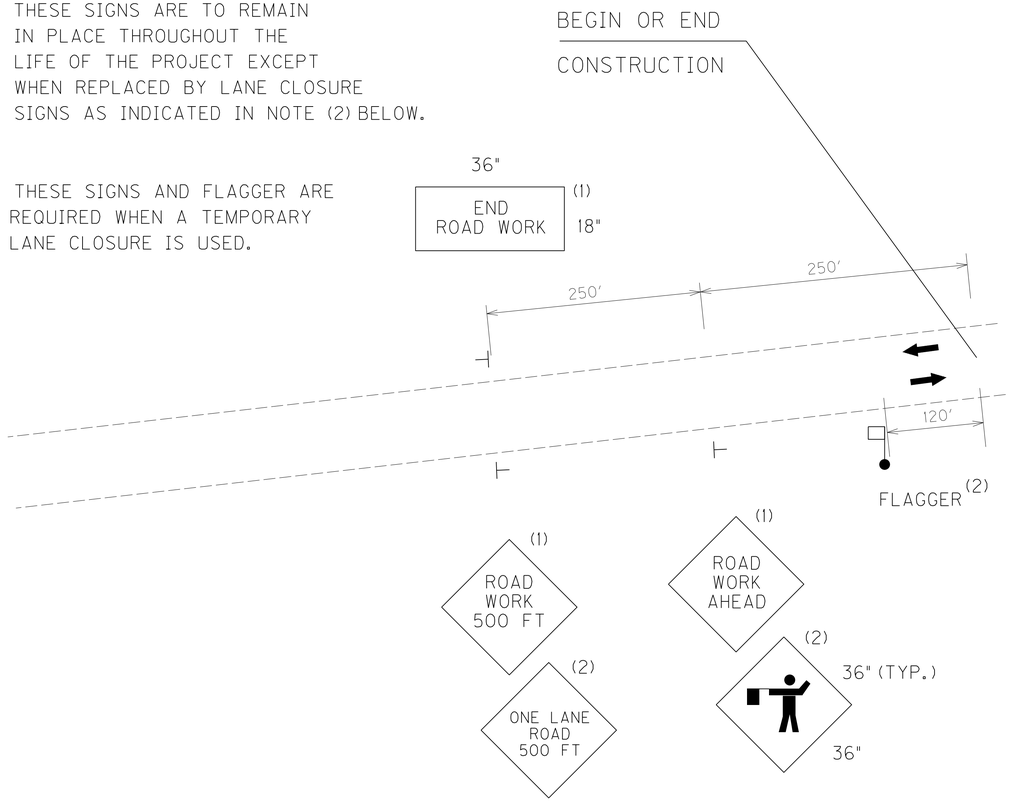
W13-4P (36"x36")

TRAFFIC MANAGEMENT DETAILS
TEMPORARY ADVANCE
SIGNING LAYOUTS

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R26

(1) THESE SIGNS ARE TO REMAIN IN PLACE THROUGHOUT THE LIFE OF THE PROJECT EXCEPT WHEN REPLACED BY LANE CLOSURE SIGNS AS INDICATED IN NOTE (2) BELOW.

(2) THESE SIGNS AND FLAGGER ARE REQUIRED WHEN A TEMPORARY LANE CLOSURE IS USED.

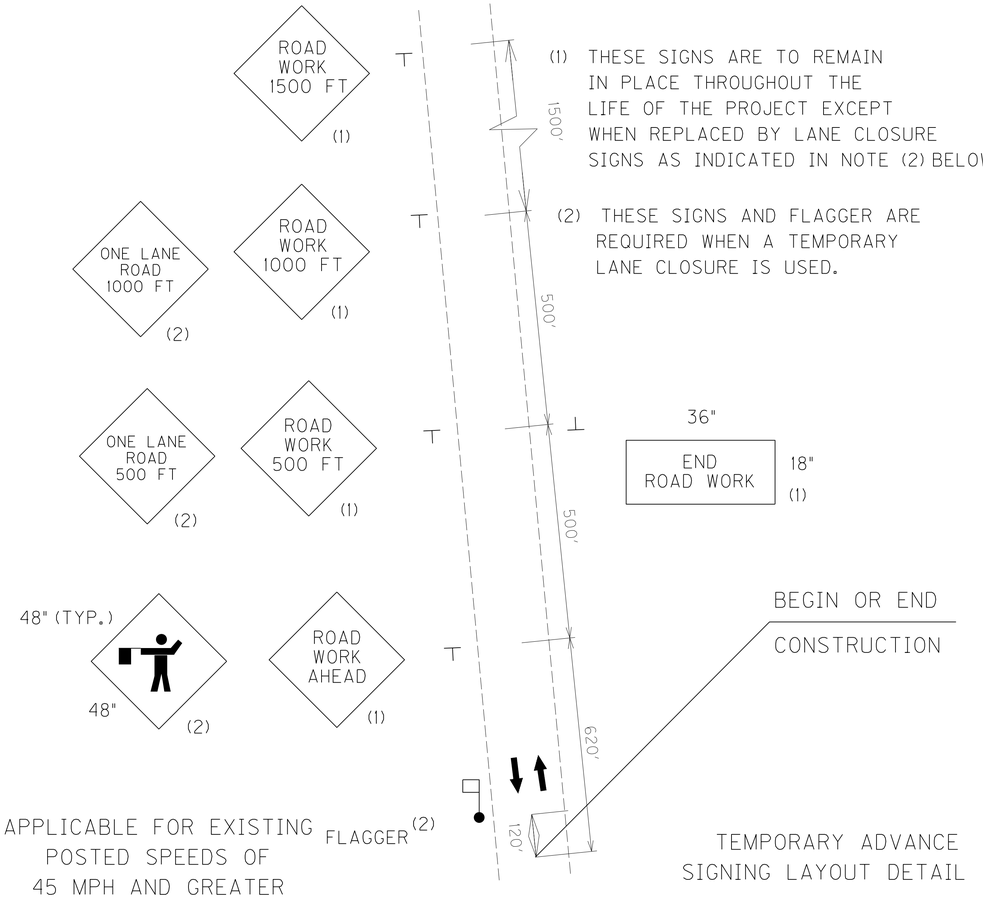


APPLICABLE FOR EXISTING POSTED SPEEDS LESS THAN 45 MPH

TEMPORARY ADVANCE SIGNING LAYOUT DETAIL (C)

(1) THESE SIGNS ARE TO REMAIN IN PLACE THROUGHOUT THE LIFE OF THE PROJECT EXCEPT WHEN REPLACED BY LANE CLOSURE SIGNS AS INDICATED IN NOTE (2) BELOW.

(2) THESE SIGNS AND FLAGGER ARE REQUIRED WHEN A TEMPORARY LANE CLOSURE IS USED.



APPLICABLE FOR EXISTING POSTED SPEEDS OF 45 MPH AND GREATER

TEMPORARY ADVANCE SIGNING LAYOUT DETAIL (A)

SIGN DETAIL (E)

W20-1 (36"x36")

SIGN DETAIL (D)

R2-1 (24"x30")

SIGN DETAIL (B)

R2-1 (24"x30")

SIGN DETAIL (F)

W13-4P (36"x36")

TRAFFIC MANAGEMENT DETAILS
TEMPORARY ADVANCE
SIGNING LAYOUTS

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R29

REVISED 5-12-14

MATCHLINE STA. 46+75
I-265 EB OFF RAMP

MATCHLINE STA. 127+00

130+00

135+00

140+00

45+00

KY 61/Preston Highway

Gene Snyder Freeway
I-265

1-2

2-1

1-4

1-5

B

A

A WITH F
(ON I-265)

0' 50' 100' 200'

SCALE: 1"=50'

MAINLINE
TRAFFIC MANAGEMENT PLAN
STA 127+00 to STA 142+00

TRAFFIC MANAGEMENT QUANTITY SUMMARY

ITEM	QUANTITY
SIGNS	280 S.F.

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R29

MATCHLINE STA. 46+75
I-265 EB OFF RAMP

130+00

135+00

140+00

MATCHLINE STA. 127+00

KY 61/Preston Highway

Gene Snyder Freeway
I-265

45+00

1-4

1-2

2-1

1-5

B

A

A WITH F
(ON I-265)

TRAFFIC MANAGEMENT QUANTITY SUMMARY

ITEM	QUANTITY
SIGNS	280 S.F.

0' 50' 100' 200'

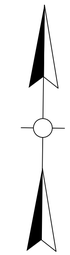
SCALE: 1"=50'

MAINLINE
TRAFFIC MANAGEMENT PLAN
STA 127+00 to STA 142+00

MicroStation v8.11.7.443
E-SHEET NAME:
USER: dplincks
DATE PLOTTED: May 8, 2014
FILE NAME: J:\1158.06\PHASE2\CAD\PLANS\R0290MT.DGN

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R30

REVISED 5-12-14



A WITH F
(ON I-265)

B

40+00

45+00

I-4

MATCHLINE STA. 46+75

SAN

TRAFFIC MANAGEMENT QUANTITY SUMMARY

ITEM	QUANTITY
SIGNS	158 S.F.

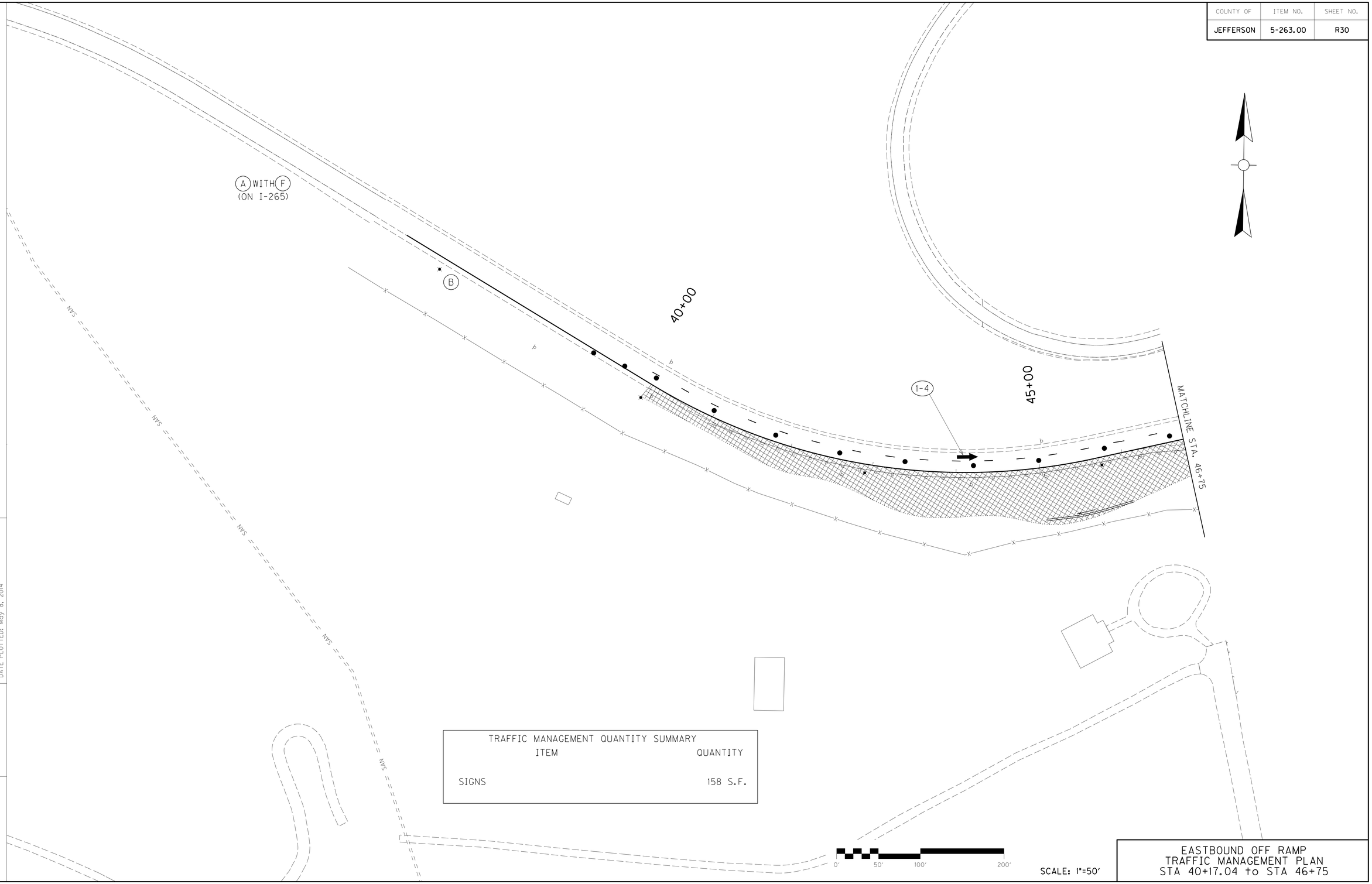
0' 50' 100' 200'

SCALE: 1"=50'

EASTBOUND OFF RAMP
TRAFFIC MANAGEMENT PLAN
STA 40+17.04 to STA 46+75

FILE NAME: J:\1158.06\PHASE2\CAD\PLANS\R03000MT.DGN
USER: dplincks
DATE PLOTTED: May 8, 2014
E-SHEET NAME:
MicroStation v8.11.7.443

COUNTY OF	ITEM NO.	SHEET NO.
JEFFERSON	5-263.00	R30



TRAFFIC MANAGEMENT QUANTITY SUMMARY

ITEM	QUANTITY
SIGNS	158 S.F.

SCALE: 1"=50'

EASTBOUND OFF RAMP
TRAFFIC MANAGEMENT PLAN
STA 40+17.04 to STA 46+75

MicroStation v8.11.7.443
E-SHEET NAME:
USER: dplincks
DATE PLOTTED: May 8, 2014
FILE NAME: J:\1158.06\PHASE2\CAD\PLANS\R03000MT.DGN

141023

PROPOSAL BID ITEMS

Report Date 5/13/14

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00003		CRUSHED STONE BASE	11,170.00	TON		$	
0020	00071		CRUSHED AGGREGATE SIZE NO 57	5,547.00	TON		$	
0030	00078		CRUSHED AGGREGATE SIZE NO 2	10,756.00	TON		$	
0040	00100		ASPHALT SEAL AGGREGATE	29.00	TON		$	
0050	00103		ASPHALT SEAL COAT	4.00	TON		$	
0060	00190		LEVELING & WEDGING PG64-22	1,299.00	TON		$	
0070	00212		CL2 ASPH BASE 1.00D PG64-22	552.00	TON		$	
0080	00214		CL3 ASPH BASE 1.00D PG64-22	4,327.00	TON		$	
0090	00221		CL2 ASPH BASE 0.75D PG64-22	1,387.00	TON		$	
0100	00307		CL2 ASPH SURF 0.38B PG64-22	790.00	TON		$	
0110	02069		JPC PAVEMENT-10 IN	3,236.00	SQYD		$	
0120	02101		CEM CONC ENT PAVEMENT-8 IN	118.00	SQYD		$	
0130	02599		FABRIC-GEOTEXTILE TYPE IV	43,239.00	SQYD		$	
0140	22906ES403		CL3 ASPH SURF 0.38A PG64-22	2,676.00	TON		$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0150	00078		CRUSHED AGGREGATE SIZE NO 2	24.00	TON		$	
0160	01000		PERFORATED PIPE-4 IN	5,895.00	LF		$	
0170	01001		PERFORATED PIPE-6 IN	625.00	LF		$	
0180	01010		NON-PERFORATED PIPE-4 IN	400.00	LF		$	
0190	01011		NON-PERFORATED PIPE-6 IN	100.00	LF		$	
0200	01020		PERF PIPE HEADWALL TY 1-4 IN	6.00	EACH		$	
0210	01024		PERF PIPE HEADWALL TY 2-4 IN	8.00	EACH		$	
0220	01028		PERF PIPE HEADWALL TY 3-4 IN	8.00	EACH		$	
0230	01029		PERF PIPE HEADWALL TY 3-6 IN	1.00	EACH		$	
0240	01032		PERF PIPE HEADWALL TY 4-4 IN	1.00	EACH		$	
0250	01690		FLUME INLET TYPE 1	1.00	EACH		$	
0260	01691		FLUME INLET TYPE 2	14.00	EACH		$	
0270	01810		STANDARD CURB AND GUTTER	1,798.00	LF		$	
0280	01825		ISLAND CURB AND GUTTER	1,963.00	LF		$	
0290	01845		ISLAND INTEGRAL CURB	400.00	LF		$	
0300	01923		STANDARD BARRIER MEDIAN TYPE 5	151.00	SQYD		$	
0310	01982		DELINEATOR FOR GUARDRAIL MONO DIRECTIONAL WHITE	48.00	EACH		$	
0320	02091		REMOVE PAVEMENT	811.00	SQYD		$	
0330	02159		TEMP DITCH	6,745.00	LF		$	
0340	02200		ROADWAY EXCAVATION	16,062.00	CUYD		$	
0350	02242		WATER	4.00	MGAL		$	
0360	02351		GUARDRAIL-STEEL W BEAM-S FACE	4,050.00	LF		$	
0370	02360		GUARDRAIL TERMINAL SECTION NO 1	2.00	EACH		$	
0380	02367		GUARDRAIL END TREATMENT TYPE 1	2.00	EACH		$	
0390	02369		GUARDRAIL END TREATMENT TYPE 2A	2.00	EACH		$	
0400	02381		REMOVE GUARDRAIL	2,708.00	LF		$	
0410	02391		GUARDRAIL END TREATMENT TYPE 4A	2.00	EACH		$	
0420	02483		CHANNEL LINING CLASS II	977.00	TON		$	

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PROPOSAL BID ITEMS

Report Date 5/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0430	02484		CHANNEL LINING CLASS III	17.00	TON		$	
0440	02545		CLEARING AND GRUBBING 12.5 ACRES	1.00	LS		$	
0450	02562		TEMPORARY SIGNS REVISED: 5-13-14	642.00	SQFT		$	
0460	02585		EDGE KEY	338.00	LF		$	
0470	02596		FABRIC-GEOTEXTILE TYPE I	903.00	SQYD		$	
0480	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	166.00	SQYD	$2.00	$	$332.00
0490	02650		MAINTAIN & CONTROL TRAFFIC	1.00	LS		$	
0500	02671		PORTABLE CHANGEABLE MESSAGE SIGN	6.00	EACH		$	
0510	02676		MOBILIZATION FOR MILL & TEXT	1.00	LS		$	
0520	02677		ASPHALT PAVE MILLING & TEXTURING	196.00	TON		$	
0530	02701		TEMP SILT FENCE	7,616.00	LF		$	
0540	02703		SILT TRAP TYPE A	9.00	EACH		$	
0550	02704		SILT TRAP TYPE B	9.00	EACH		$	
0560	02705		SILT TRAP TYPE C	9.00	EACH		$	
0570	02706		CLEAN SILT TRAP TYPE A	27.00	EACH		$	
0580	02707		CLEAN SILT TRAP TYPE B	27.00	EACH		$	
0590	02708		CLEAN SILT TRAP TYPE C	27.00	EACH		$	
0600	02709		CLEAN TEMP SILT FENCE	7,616.00	LF		$	
0610	02720		SIDEWALK-4 IN CONCRETE	623.00	SQYD		$	
0620	02721		REMOVE CONCRETE SIDEWALK	33.00	SQYD		$	
0630	02726		STAKING	1.00	LS		$	
0640	02775		ARROW PANEL	5.00	EACH		$	
0650	03240		BASE FAILURE REPAIR	334.00	SQYD		$	
0660	05950		EROSION CONTROL BLANKET	5,180.00	SQYD		$	
0670	05952		TEMP MULCH	30,260.00	SQYD		$	
0680	05953		TEMP SEEDING AND PROTECTION	15,130.00	SQYD		$	
0690	05963		INITIAL FERTILIZER	1.20	TON		$	
0700	05964		20-10-10 FERTILIZER	1.60	TON		$	
0710	05985		SEEDING AND PROTECTION	30,260.00	SQYD		$	
0720	05989		SPECIAL SEEDING CROWN VETCH	7,010.00	SQYD		$	
0730	05990		SODDING	544.00	SQYD		$	
0740	05992		AGRICULTURAL LIMESTONE	2.60	TON		$	
0750	06514		PAVE STRIPING-PERM PAINT-4 IN	24,713.00	LF		$	
0760	06524		PAVE STRIPING-WB PAINT-8 IN W	.16	MILE		$	
0770	06531		PAVE STRIPING REMOVAL-6 IN	1,650.00	LF		$	
0780	06540		PAVE STRIPING-THERMO-4 IN W	198.00	LF		$	
0790	06542		PAVE STRIPING-THERMO-6 IN W	64.00	LF		$	
0800	06544		PAVE STRIPING-THERMO-8 IN W	129.00	LF		$	
0810	06554		PAVE STRIPING-DUR TY 1-4 IN W	850.00	LF		$	
0820	06555		PAVE STRIPING-DUR TY 1-4 IN Y	480.00	LF		$	
0830	06556		PAVE STRIPING-DUR TY 1-6 IN W	2,440.00	LF		$	
0840	06557		PAVE STRIPING-DUR TY 1-6 IN Y	1,675.00	LF		$	
0850	06558		PAVE STRIPING-DUR TY 1-8 IN W	600.00	LF		$	
0860	06565		PAVE MARKING-THERMO X-WALK-6 IN	799.00	LF		$	
0870	06568		PAVE MARKING-THERMO STOP BAR-24IN	487.00	LF		$	
0880	06569		PAVE MARKING-THERMO CROSS-HATCH WHITE AND YELLOW HATCHING	9,374.00	SQFT		$	
0890	06573		PAVE MARKING-THERMO STR ARROW	1.00	EACH		$	

141023

PROPOSAL BID ITEMS

Report Date 5/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0900	06574		PAVE MARKING-THERMO CURV ARROW RIGHT & LEFT ARROWS	46.00	EACH		$	
0910	06575		PAVE MARKING-THERMO COMB ARROW	5.00	EACH		$	
0920	06576		PAVE MARKING-THERMO ONLY	2.00	EACH		$	
0930	06592		PAVEMENT MARKER TYPE V-B W/R	73.00	EACH		$	
0940	06593		PAVEMENT MARKER TYPE V-B Y/R	8.00	EACH		$	
0950	06600		REMOVE PAVEMENT MARKER TYPE V	20.00	EACH		$	
0960	10020NS		FUEL ADJUSTMENT	15,904.00	DOLL	$1.00	$	$15,904.00
0970	10030NS		ASPHALT ADJUSTMENT	23,364.00	DOLL	$1.00	$	$23,364.00
0980	21289ED		LONGITUDINAL EDGE KEY	8,299.00	LF		$	
0990	23131ER701		PIPELINE VIDEO INSPECTION	90.00	LF		$	
1000	23158ES505		DETECTABLE WARNINGS	258.00	SQFT		$	
1010	23274EN11F		TURF REINFORCEMENT MAT 1	200.00	SQYD		$	
1020	23607EC		PAVE MARK THERMO-LANE REDUCTION ARROW	4.00	EACH		$	
1030	24189ER		DURABLE WATERBORNE MARKING-6 IN W	30.00	LF		$	
1040	24190ER		DURABLE WATERBORNE MARKING-6 IN Y	20.00	LF		$	
1050	24679ED		PAVE MARK THERMO CHEVRON	6,374.00	SQFT		$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1060	00521		STORM SEWER PIPE-15 IN	186.00	LF		$	
1070	01480		CURB BOX INLET TYPE B	7.00	EACH		$	
1080	01643		JUNCTION BOX-24 IN	2.00	EACH		$	
1090	01705		REMOVE CURB & GUTTER BOX INLET	4.00	EACH		$	
1100	01756		MANHOLE TYPE A	3.00	EACH		$	
1110	21546ED		CURB BOX INLET TYPE B MODIFIED	1.00	EACH		$	
1120	23795EC		CONNECT STORM LATERAL TO STORM SEWER	7.00	EACH		$	

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1130	02403		REMOVE CONCRETE MASONRY	10.00	CUYD		$	
1140	08002		STRUCTURE EXCAV-SOLID ROCK	13.00	CUYD		$	
1150	08003		FOUNDATION PREPARATION	1.00	LS		$	
1160	08100		CONCRETE-CLASS A	16.00	CUYD		$	
1170	08150		STEEL REINFORCEMENT	1,922.00	LB		$	

Section: 0005 - SIGNING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1180	06201		OSS GALV STEEL CANTILEVER MOD	2.00	EACH		$	
1190	06405		SBM ALUMINUM PANEL SIGNS	1,332.00	SQFT		$	
1200	06406		SBM ALUM SHEET SIGNS .080 IN	98.00	SQFT		$	
1210	06407		SBM ALUM SHEET SIGNS .125 IN	413.00	SQFT		$	

141023

PROPOSAL BID ITEMS

Report Date 5/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1220	06410		STEEL POST TYPE 1	1,098.00	LF		$	
1230	06418		FLEXIBLE DELINEATOR POST-Y	5.00	EACH		$	
1240	06438		OSS ALUMINUM 80 FT TRUSS	1.00	EACH		$	
1250	06451		REMOVE SIGN SUPPORT BEAM	2.00	EACH		$	
1260	06490		CLASS A CONCRETE FOR SIGNS	75.00	CUYD		$	
1270	06491		STEEL REINFORCEMENT FOR SIGNS	5,504.00	LB		$	
1280	20419ND		ROADWAY CROSS SECTION	3.00	EACH		$	
1290	21373ND		REMOVE SIGN	3.00	EACH		$	
1300	21596ND		GMSS TYPE D	4.00	EACH		$	
1310	24631EC		BARCODE SIGN INVENTORY	54.00	EACH		$	

Section: 0006 - SIGNALIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1320	04793		CONDUIT-1 1/4 IN	82.00	LF		$	
1330	04795		CONDUIT-2 IN	240.00	LF		$	
1340	04820		TRENCHING AND BACKFILLING	207.00	LF		$	
1350	04844		CABLE-NO. 14/5C	6,093.00	LF		$	
1360	04845		CABLE-NO. 14/7C	350.00	LF		$	
1370	04886		MESSENGER-15400 LB	1,750.00	LF		$	
1380	04931		INSTALL CONTROLLER TYPE 170	3.00	EACH		$	
1390	04932		INSTALL STEEL STRAIN POLE	12.00	EACH		$	
1400	04950		REMOVE SIGNAL EQUIPMENT	4.00	EACH		$	
1410	06472		INSTALL SPAN MOUNTED SIGN	2.00	EACH		$	
1420	20093NS835		INSTALL PEDESTRIAN HEAD-LED	8.00	EACH		$	
1430	20094ES835		TEMP RELOCATION OF SIGNAL HEAD	66.00	EACH		$	
1440	20188NS835		INSTALL LED SIGNAL-3 SECTION	35.00	EACH		$	
1450	20189NS835		INSTALL LED SIGNAL-5 SECTION	2.00	EACH		$	
1460	20266ES835		INSTALL LED SIGNAL- 4 SECTION	1.00	EACH		$	
1470	21743NN		INSTALL PEDESTRIAN DETECTOR	8.00	EACH		$	
1480	23157EN		TRAFFIC SIGNAL POLE BASE	64.00	CUYD		$	
1490	23222EC		INSTALL SIGNAL PEDESTAL	6.00	EACH		$	
1500	23982EC		INSTALL ANTENNA	4.00	EACH		$	
1510	24133EC		INSTALL SIGNAL SENSOR SYSTEM	4.00	EACH		$	

Section: 0007 - LIGHTING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1520	04700		POLE 30 FT MTG HT	4.00	EACH		$	
1530	04701		POLE 40 FT MTG HT	7.00	EACH		$	
1540	04721		BRACKET 6 FT	2.00	EACH		$	
1550	04722		BRACKET 8 FT	1.00	EACH		$	
1560	04723		BRACKET 10 FT	1.00	EACH		$	
1570	04724		BRACKET 12 FT	5.00	EACH		$	
1580	04725		BRACKET 15 FT	2.00	EACH		$	
1590	04740		POLE BASE	11.00	EACH		$	
1600	04750		TRANSFORMER BASE	11.00	EACH		$	
1610	04770		HPS LUMINAIRE	11.00	EACH		$	

141023

PROPOSAL BID ITEMS

Report Date 5/13/14

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1620	04780		FUSED CONNECTOR KIT	36.00	EACH		$	
1630	04793		CONDUIT-1 1/4 IN	2,735.00	LF		$	
1640	04795		CONDUIT-2 IN	243.00	LF		$	
1650	04820		TRENCHING AND BACKFILLING	2,745.00	LF		$	
1660	04834		WIRE-NO. 6	8,250.00	LF		$	
1670	04940		REMOVE LIGHTING	1.00	LS		$	
1680	20391NS835		ELECTRICAL JUNCTION BOX TYPE A	4.00	EACH		$	
1690	21543EN		BORE AND JACK CONDUIT	170.00	LF		$	

Section: 0008 - WATERLINE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1700	03474		TIE-IN 24 IN	2.00	EACH		$	
1710	22191NN		BEND 45 DEG-24 IN	4.00	EACH		$	
1720	23107ND		CUT AND PLUG-24 IN	1.00	EACH		$	
1730	23194EC		GATE VALVE-24 IN	1.00	EACH		$	
1740	23493EC		AIR RELEASE VALVE-2 IN	1.00	EACH		$	
1750	24012EC		BEND 11.25 DEG-24 IN	1.00	EACH		$	
1760	24425EC		REMOVE PIPE	1.00	LS		$	
1770	24480EC		HYDROSTATIC TEST WATER MAIN	1.00	EACH		$	
1780	24686EC		PRESTR CONC PIPE RESTRAINED JOINTS-24IN	450.00	LF		$	

Section: 0009 - MOBILIZATION AND DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1790	02568		MOBILIZATION	1.00	LS		$	
1800	02569		DEMOBILIZATION	1.00	LS		$	