



TRANSPORTATION CABINET

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

Steven L. Beshear
Governor

Michael W. Hancock, P.E.
Secretary

December 11, 2012

CALL NO. 205
CONTRACT ID NO. 121359
ADDENDUM # 2

Subject: Nelson-Washington Counties, 121GR12D059-BRO
Letting December 14, 2012

- (1) Revised - Plan Sheets - R1, R2b, R2d, R16, & R17
- (2) Revised - Table of Contents - Page 2 of 159
- (3) Added - Note - Page 15(a) of 159
- (4) Revised - Material Summary - Pages 105-108 of 159
- (5) Revised - Bid Items - Pages 156-159 of 159

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

Plan revisions are available at <http://www.lynnimaging.com/kytransportation/>.

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

Sincerely,

A handwritten signature in blue ink that reads "Ryan Griffith".

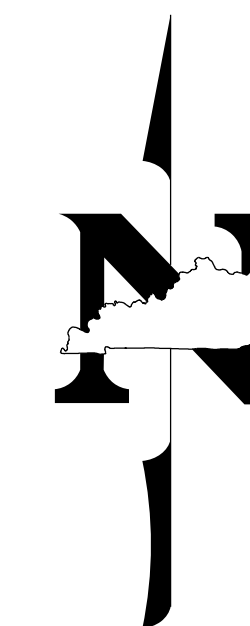
Ryan Griffith
Director
Division of Construction Procurement

RG:ks
Enclosures



An Equal Opportunity Employer M/F/D

COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	RI



Commonwealth of Kentucky DEPARTMENT OF HIGHWAYS

PLANS OF PROPOSED PROJECT

US 150 ROAD AND BRIDGE IMPROVEMENTS

NELSON COUNTY - BRO 1501(109) WASHINGTON COUNTY - BRO 1501(110)

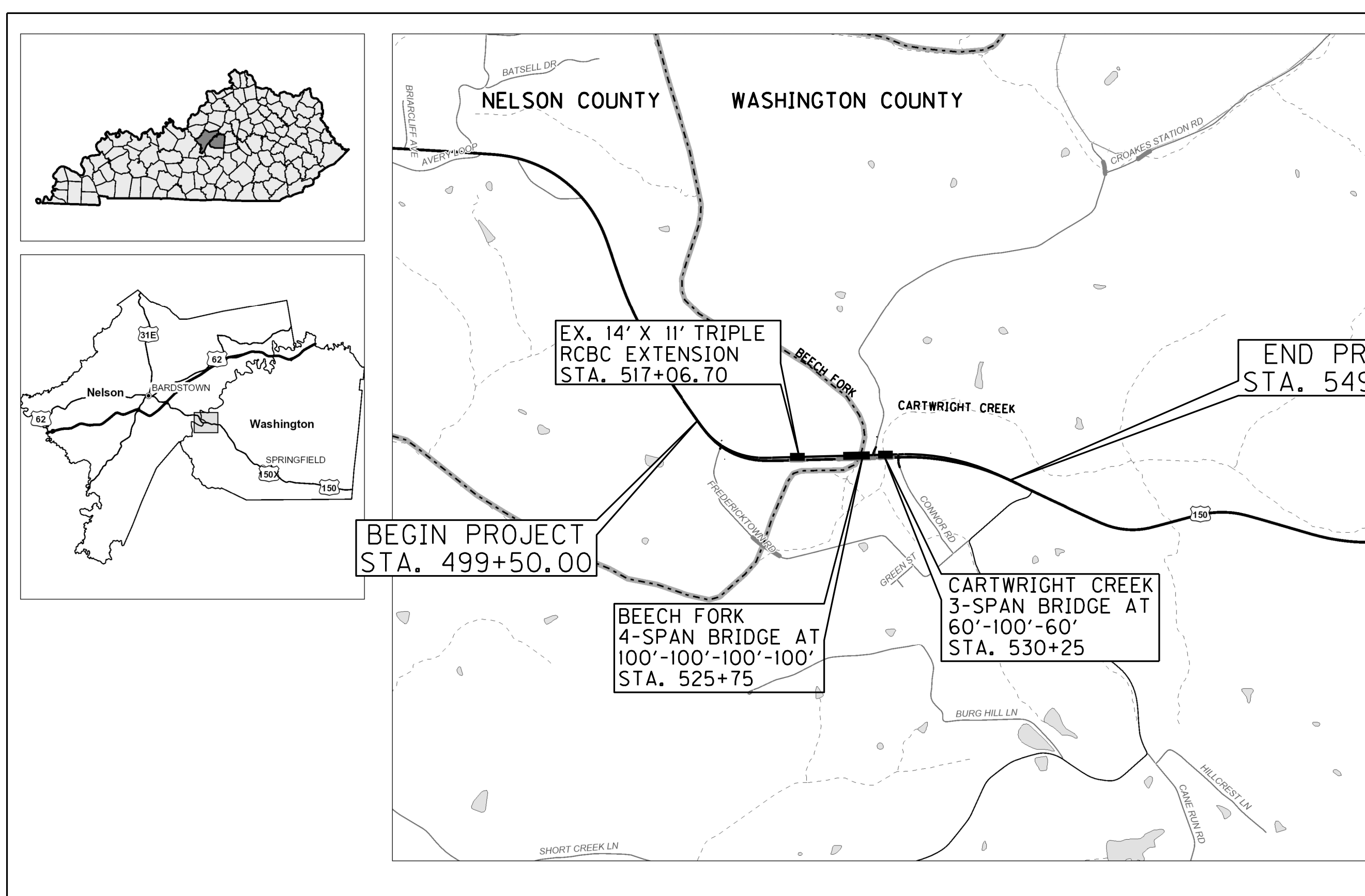
INDEX OF SHEETS	
SHEET NO.	DESCRIPTION
R1	LAYOUT SHEET
R2-R2F	TYPICAL SECTIONS, SUMMARY OF QUANTITIES & GENERAL NOTES
R3-R10	PLAN AND PROFILE SHEETS
R11	RIGHT OF WAY SUMMARY SHEET
R12	RIGHT OF WAY STRIP MAP SHEET
R13-R13B	DETAIL SHEETS
R14-R30	MAINTENANCE OF TRAFFIC
R31-R35	EROSION CONTROL PLANS
R36	COORDINATE CONTROL SHEET
R37	PIPE DRAINAGE SHEET
R38	SITUATION SURVEY SHEET - TRIPLE BOX CULVERT
R39-R44	SOIL PROFILE SHEETS
X1-X26	CROSS SECTIONS

TOTAL SHEETS	
(R) ROADWAY	44
(S) STRUCTURE	55
(T) TRAFFIC	20
(U) UTILITY	20
(X) CROSS SECTIONS	26

SHEETS NOT INCLUDED IN TOTAL SHEETS
R2A-R2F, R13A-R13B

STANDARD DRAWINGS	
NUMBER	
RBB-001-07	RDI-001-09
RBC-001-10	RDI-020-08
RBC-002-02	RDI-021
RBC-003-07	RDX-060-03
RBI-001-10	RDX-210-02
RBI-002-06	RDX-220-04
RBM-115-09	RDX-225
RBR-001-11	RDX-230
RBR-010-05	RGS-001-06
RBR-015-04	RGX-010-03
RBR-016-04	RGX-100-05
RBR-020-05	RGX-105-07
RBR-035-10	RPM-110-06
RDD-040-04	TTC-100-03
RDH-020-03	TTC-135-01
	TTC-155-01
	TTC-160-01
	TTD-120-01
	TTD-125-01

SEPIAS	
005	RIGHT-OF-WAY MOMUMENTS
007	GUARDRAIL END TREATMENT TYPE 2A
008	GUARDRAIL COMPONENTS
009	CRASH CUSHION TYPE VI-BT
011	SHOULDER RUMBLE STRIPS



BASE PLANS ON 2012 STANDARD DRAWINGS AND SPEC BOOK

THESE PLANS ARE FOR GRADE, DRAIN, AND SURFACING

THE CONTROL OF ACCESS ON THIS PROJECT SHALL BE BY PERMIT

DESIGN CRITERIA

CLASS OF HIGHWAY	RURAL ARTERIAL
TYPE OF TERRAIN	ROLLING
DESIGN SPEED	55 MPH
REQUIRED NPSD	495
REQUIRED PSD	1985
LEVEL OF SERVICE	
ADT PRESENT (2011)	8000
ADT FUTURE (2031)	11000
DHV	1100
D %	
T %	15.1 (2011), 18.4 (2031)

GEOGRAPHIC COORDINATES

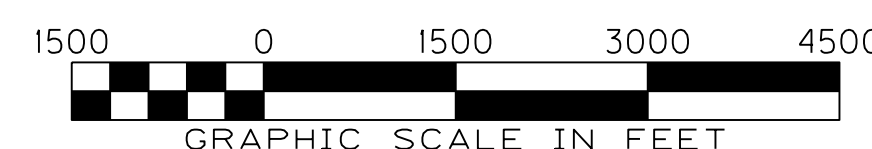
LATITUDE 37 DEGREES 45 MINUTES 48 SECONDS NORTH
LONGITUDE 85 DEGREES 20 MINUTES 40 SECONDS WEST

DESIGNED

% RESTRICTED SD	
LEVEL OF SERVICE	
MAX. DISTANCE W/O PASSING	

LENGTH	LIN. FT.	MILES	ADDED	DEDUCTED	FOR EQUALITIES	LIN. FT.	ADDED	DEDUCTED	FOR EQUALITIES	LIN. FT.	ADDED	DEDUCTED	FOR EQUALITIES	LIN. FT.	ADDED	DEDUCTED	FOR EQUALITIES	LIN. FT.	
5025	0.951																		
RAILROAD CROSSINGS NO. _____ LIN. FT. _____																			
BRIDGES <u>620</u> _____ LIN. FT. _____																			

LAYOUT MAP



Commonwealth of Kentucky
DEPARTMENT OF HIGHWAYS
COUNTY OF
NELSON / WASHINGTON

ITEM NO. 4-1068.00 & 4-1069.00
PROJECT NUMBER: BRO 1501(109), FD52 090 0150 007-008
LETTING DATE: _____
RECOMMENDED BY: _____ PROJECT MANAGER DATE: _____
PLAN APPROVED BY: _____ STATE HIGHWAY ENGINEER DATE: _____

HDR
401 W. MAIN ST., SUITE 500
ONE RIVERFRONT PLAZA
LOUISVILLE, KY 40202
PHONE: (502) 584-4118
FAX: (502) 589-3009



Kelly R. Meyer

FILE NAME: L:\HOR CONTRACTS 50000 SERIES\CON059100--KYTC LAB US150 IMP\03.00 DELIVERABLES\2012.09.10 FINAL DELIVERABLE\04-1068.00 & 04-1069.00
USER: jmcammio
DATE PLOTTED: December 5, 2012
E-SHEET NAME: R001000LS
MicroStation v8.11.9.357

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	R2B

ITEM	DESCRIPTION	UNIT	NELSON COUNTY	WASHINGTON COUNTY	PROJECT TOTAL
0078	CRUSHED AGGREGATE SIZE NO. 2 ①	TONS	919	776	1695
2599	FABRIC GEOTEXTILE TYPE IV ①	SQ YD	13928	11756	25684
2230	EMBANKMENT IN PLACE ⑤	CU YD	25800	16449	42249
2242	WATER ⑥	M GAL	774	654	1428
2545	CLEARING AND GRUBBING ⑦	LS	1	1	2
2429	R/W MONUMENTS, TYPE I	EACH	5	10	15
2432	WITNESS POST	EACH	2	2	4
21289ED	LONGITUDINAL EDGE KEY	LF	850	0	850
2585	EDGE KEY	LF	55	58	113
2600	FABRIC GEOTEXTILE TYPE IV FOR PIPE ⑨	SQ YD	78	35	113
1845	ISLAND INTEGRAL CURB ⑭	LF	50	150	200
2081	JPC PAVEMENT-8 IN SHOULDER ⑭	SQ YD	89	89	178
21415ND	EROSION CONTROL ③	LS	1	1	2
5985	SEEDING & PROTECTION ⑫ ⑬	SQ YD	33870	21331	55201
2483	CHANNEL LINING CL2 ⑧	TON	49	38	87
2690	SAFELADING ②	CY	3	3	6
2306IEN	DEBRIS REMOVAL ⑪	CY	1	1	2
2726	STAKING	LS	1	1	2
5950	EROSION CONTROL BLANKET ⑮	SQ YD	1634	1356	2990
6510	PAVE STRIPING-TEMP PAINT-4 IN	LF	7275	6600	13875
6514	PAVE STRIPING-PERM PAINT-4 IN	LF	10900	9200	20100
2696	SHOULDER RUMBLE STRIPS - SAWED	LF	4875	3950	8825
2650	MAINTAIN AND CONTROL TRAFFIC ② ⑰	LS	1	1	2
2671	PORTABLE CHANGEABLE MESSAGE SIGN ②	EACH	1	1	2
2014	BARRICADE TYPE III ②	EACH	3	3	6
2562	SIGNS ②	SQ FT	100	100	200
2381	REMOVE GUARDRAIL ⑩	LF	3463	3764	7227
2397	TEMPORARY GUARDRAIL ②	LF	50	50	100
8903	CRASH CUSHION TY VI - CLASS BT TL3 ②	EACH	0	3	3
3171	CONCRETE BARRIER WALL TYPE 9T ②	LF	440	240	680
23237ENIOW	WATERBLAST STRIPE REMOVAL ②	LF	1700	2600	4300
2568	MOBILIZATION	LS	1	1	2
2569	DEMOBILIZATION	LS	1	1	2
10020NS	FUEL ADJUSTMENT	DOLL	7604	7425	15029
10030NS	ASPHALT ADJUSTMENT	DOLL	9236	10217	19453
2731	REMOVE STRUCTURE ②	LS	1	-	1
2731	REMOVE STRUCTURE ③	LS	-	1	1
2351	GUARDRAIL - STEEL W BEAMS-S FACE ⑯	LF	1641	1112.5	2753.5
2391	GUARDRAIL END TREATMENT TYPE 4A ⑯	EACH	2	1	3
2371	GUARDRAIL END TREATMENT TYPE 7 ⑯	EACH	0	3	3
2360	GUARDRAIL TERMINAL SECTION NO. 1 ⑯	EACH	3	4	7
2363	GUARDRAIL CONNECTOR TO BRIDGE END TYPE A ⑯	EACH	2	6	8
1987	GUARDRAIL DELINEATORS - BI-DIRECTIONAL WHITE	EACH	20	15	35

NOTES:

- ① ESTIMATED QUANTITY FOR POSSIBLE SUBGRADE STABILIZATION (WORKING PLATFORM). THE TOTALS ARE ESTIMATED AND WILL ONLY BE PAID AS AUTHORIZED BY THE ENGINEER. SEE GEOTECHNICAL NOTE #5.
- ② ASSOCIATED WITH MAINTENANCE OF TRAFFIC.
- ③ SEE EROSION CONTROL PLAN SHEET R31.
- ④ ESTIMATED QUANTITY. ASSOCIATED WITH EROSION CONTROL. FINAL QUANTITY COORDINATED WITH THE ENGINEER.
- ⑤ EARTHWORK - THE VALUES SHOWN ARE BASED ON THE CROSS SECTION TOTALS. AUTHORIZED ADJUSTMENTS WILL CONFORM TO SECTION 204.04.02 OF THE SPECIFICATIONS.

COMMON
20,803 CU YD From Cross Sections 20 CU YD Ditch Exc. from Pipe Sections 890 CU YD Subgrade Stabilization ①
21,713 CU YD TOTAL
EMBANKMENT
32,990 CU YD From Cross Sections 32,990 CU YD TOTAL
FOR BIDDING
32,990 CU YD From Cross Sections 9,259 CU YD Emb. Found. Benching 0 CU YD Transverse Benching
42,249 CU YD TOTAL

- ⑥ FOR CONTROLLING DUST CAUSED BY MAINTAINING TRAFFIC ONLY. ESTIMATED AT 1500 MGAL/MILE.
- ⑦ APPROXIMATELY 10 ACRES.
- ⑧ INCLUDES QUANTITY SHOWN ON PIPE DRAINAGE SUMMARY.
- ⑨ FOR WRAPPING PIPE TRENCH BACKFILL.
- ⑩ REMOVED GUARDRAIL IS TO DELIVERED TO: BAILEY BRIDGE LOT IN FRANKFORT.
- ⑪ POSSIBLE DEBRIS REMOVAL AT PIERS DURING BRIDGE CONSTRUCTION. SEE GENERAL NOTE SHEET R2F.
- ⑫ ALL DISTURBED AREAS WILL RECEIVE SEED, UNLESS OTHERWISE NOTED.
- ⑬ TYPE II
- ⑭ AT BRIDGE ENDS.
- ⑮ ALL GRASS LINED DITCHES. SEE DITCH CONSTRUCTION NOTES.
- ⑯ QUANTITIES FROM SHEET R2E.
- ⑰ INCLUDES TEMPORARY DRAINAGE STRUCTURES.

① QUANTITIES ARE SEPARATED BY COUNTY. THE ② OF BEECH FORK HAS BEEN USED AS THE COUNTY LINE BETWEEN NELSON COUNTY AND WASHINGTON COUNTY. REMOVAL OF BEECH FORK BRIDGE IS ASSIGNED TO NELSON COUNTY. REMOVAL OF CARTWRIGHT CREEK BRIDGE IS ASSIGNED TO WASHINGTON COUNTY.

② BEECH FORK BRIDGE
③ CARTWRIGHT CREEK BRIDGE

GENERAL SUMMARY

FILE NAME: L:\HDR CONTRACTS 50000 SERIES\CON059100--KYTC LAB US150 IMP\03.00 DELIVERABLES\2012.09.10 FINAL DELIVERABLE\04-1068.00 & 04-1069.00
 USER: jmcammio
 DATE PLOTTED: December 5, 2012
 E-SHEET NAME: R0040BSU
 MicroStation v8.11.9.357

GENERAL SUMMARY

COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	R2B

REVISED 12-10-2012

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2731	REMOVE STRUCTURE (C)	LS	-	1	1
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- NOTES:**
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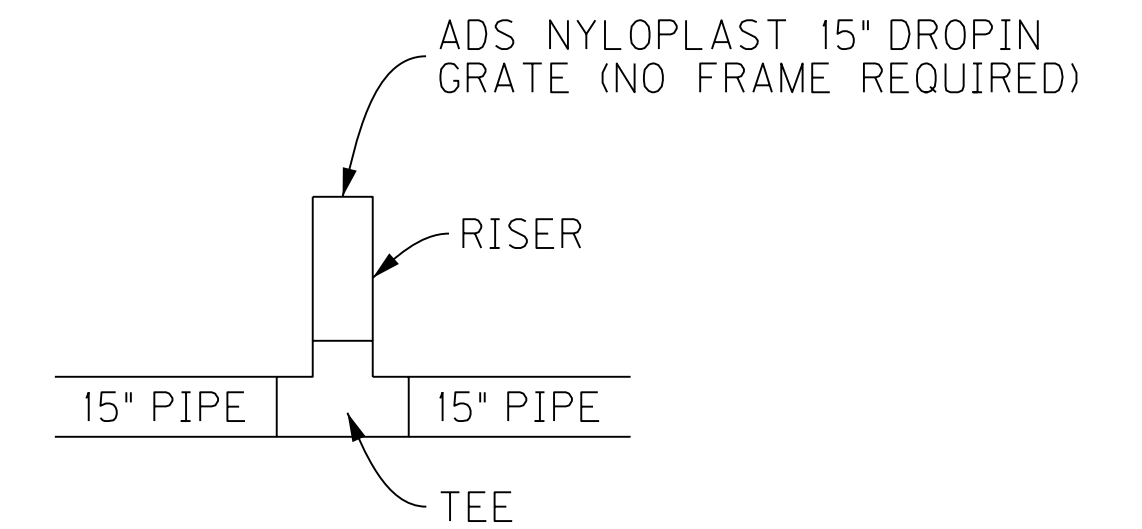
(B) BEECH FORK BRIDGE
(C) CARTWRIGHT CREEK BRIDGE

GENERAL SUMMARY

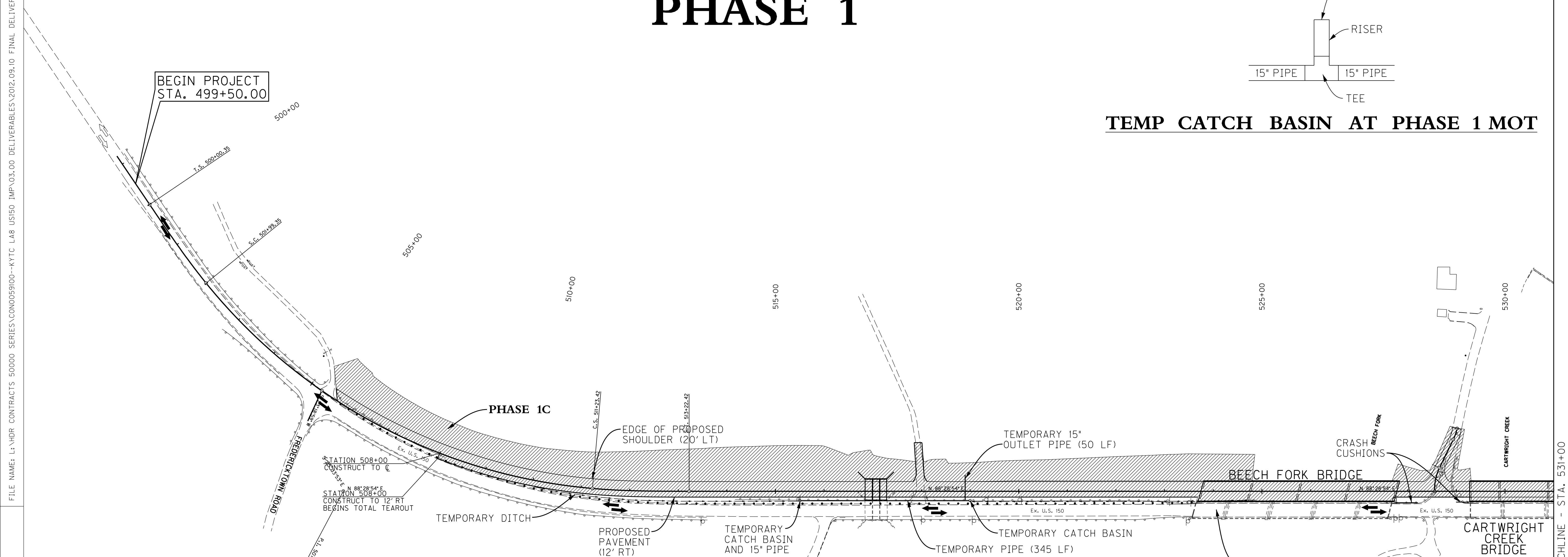
FILE NAME: L:\NDR CONTRACTS 50000 SERIES\CON059100--KYTC LAB US150 IMP\03.00 DELIVERABLES\2012.09.10 FINAL DELIVERABLE\04-1068.00 & 04-1069.00
 USER: jmcconnor
 DATE PLOTTED: December 5, 2012
 E-SHEET NAME: R0040BSU
 MicroStation v8.11.9.357

COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	R16

MAINTENANCE OF TRAFFIC PHASE 1



TEMP CATCH BASIN AT PHASE 1 MOT



PHASE 1A NOTES

1. TRAFFIC WILL REMAIN IN THE EXISTING LANES FOR THE DURATION OF PHASE 1, EXCEPT AS NOTED BELOW.
2. THE TRIPLE BOX CULVERT EXTENSION AND ASSOCIATED WORK NEEDS TO BE CONSTRUCTED FIRST TO ENABLE WIDENING OF THE ROADWAY.
3. TEMPORARY PAVEMENT WIDENING ADJACENT TO THE EXISTING ROADWAY (STATION 543+68 TO 552+00 RT) WILL NEED TO BE CONSTRUCTED INITIALLY DURING PHASE 1A TO ALLOW THE TRAFFIC SHIFT IN PHASE 1B. REMOVE SECTIONS OF THE EXISTING GUARDRAIL AS REQUIRED. RELOCATE THE EXISTING END TREATMENT. GUARDRAIL REMOVAL PAID PER THE UNIT PRICE. THE END TREATMENT RELOCATING IS INCIDENTAL TO THE GUARDRAIL REMOVAL BID ITEM.
4. THE EXISTING BRIDGE BARRIER WALLS (NORTH SIDE ONLY) ARE REMOVED FROM THE TWO BRIDGES. REFERENCE IS MADE TO THE "BRIDGE CONSTRUCTION PHASING TYPICAL SECTIONS".
5. USE WATERBLASTING TO REMOVE THE EXISTING STRIPES IN THE BRIDGE VICINITY AND WHERE NECESSARY.

PHASE 1B NOTES

6. SHIFT TRAFFIC TO THE TEMPORARY PAVEMENT AS INDICATED.

PHASE 1C NOTES

7. THE BRIDGES AND AS MUCH ROADWAY LENGTH AS POSSIBLE ARE CONSTRUCTED WITHOUT IMPACTING THE EXISTING US150 TRAFFIC PATTERN.
8. THE EXISTING GUARDRAIL ON THE NORTH SIDE OF ROAD WILL NEED TO REMAIN IN PLACE UNTIL THE PROPOSED EMBANKMENT IS CONSTRUCTED, AFTER THE GUARDRAIL IS REMOVED, THE TEMPORARY PIPE AND CATCH BASINS AS INDICATED ON THE MOT CROSS SECTIONS ARE CONSTRUCTED.

TEMPORARY DRAINAGE

STA. 515+50, 19.4' RT - TEMPORARY CATCH BASIN
 STA. 518+90 - 15" OUTLET PIPE
 STA. 519+00, 19.1' RT - TEMPORARY CATCH BASIN
 TOTAL TEMP. PIPE = 395 LF

LEGEND

- TRAFFIC LOCATION THIS PHASE
- EXISTING TRAFFIC
- CHANNELIZATION DEVICES
- TEMPORARY PAVEMENT
- PERMANENT CONSTRUCTION
- TEMPORARY DITCH

SCALE: 1"=100'

MAINTENANCE OF TRAFFIC
 PLAN SHEET - PHASE 1
 SHEET 1 OF 2

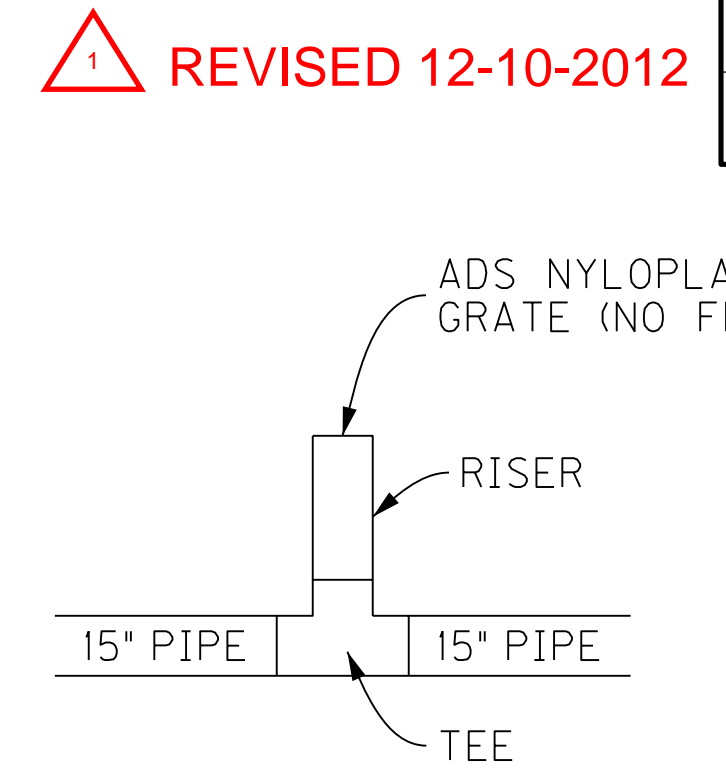
FILE NAME: L:\HOR CONTRACTS 50000 SERIES\CON059100--KYTC LAB US150 IMP\03.00 DELIVERABLES\2012.09.10 FINAL DELIVERABLE\04-1068.00 & 04-1069.00
 USER: jincamino
 DATE PLOTTED: December 5, 2012
 E-SHEET NAME:
 MicroStation v8.11.9.357

MATCHLINE - STA. 531+00

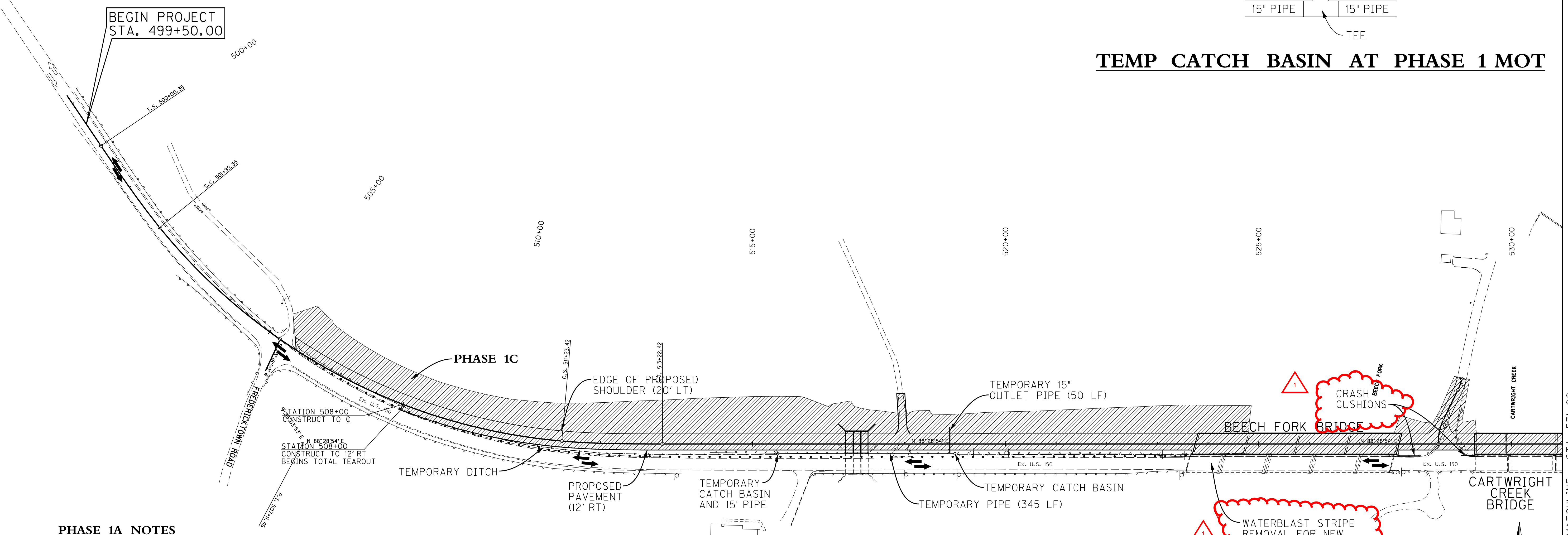
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 MicroStation v8.11.9.357

MAINTENANCE OF TRAFFIC PHASE 1

COUNTY OF NELSON WASHINGTON	ITEM NO. 4-1068.00	SHEET NO. R16
	4-1069.00	



TEMP CATCH BASIN AT PHASE 1 MOT



PHASE 1A NOTES

1. TRAFFIC WILL REMAIN IN THE EXISTING LANES FOR THE DURATION OF PHASE 1, EXCEPT AS NOTED BELOW.
2. THE TRIPLE BOX CULVERT EXTENSION AND ASSOCIATED WORK NEEDS TO BE CONSTRUCTED FIRST TO ENABLE WIDENING OF THE ROADWAY.
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5. USE WATERBLASTING TO REMOVE THE EXISTING STRIPES IN THE BRIDGE VICINITY AND WHERE NECESSARY.

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TEMPORARY DRAINAGE

STA. 515+50, 19.4' RT - TEMPORARY CATCH BASIN
 STA. 518+90 - 15" OUTLET PIPE
 STA. 519+00, 19.1' RT - TEMPORARY CATCH BASIN
 TOTAL TEMP. PIPE = 395 LF

LEGEND

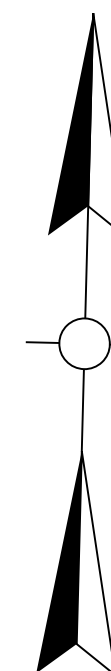
- TRAFFIC LOCATION THIS PHASE
- EXISTING TRAFFIC
- CHANNELIZATION DEVICES
- TEMPORARY PAVEMENT
- PERMANENT CONSTRUCTION
- TEMPORARY DITCH

SCALE: 1"=100'

MAINTENANCE OF TRAFFIC
 PLAN SHEET - PHASE 1
 SHEET 1 OF 2

COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	R17

MAINTENANCE OF TRAFFIC PHASE 1



PHASE 1A NOTES

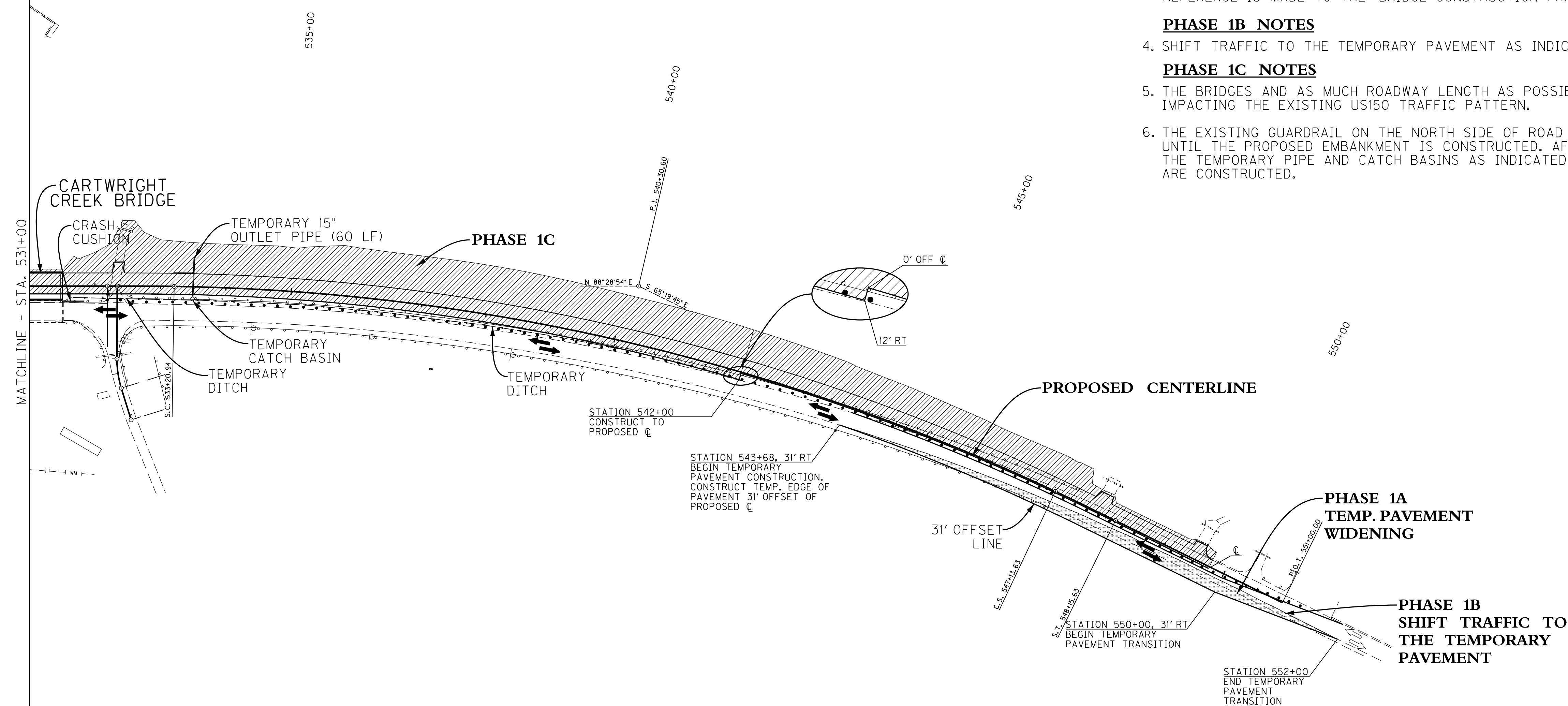
1. TRAFFIC WILL REMAIN IN THE EXISTING LANES FOR THE DURATION OF PHASE 1, EXCEPT AS NOTED BELOW.
2. TEMPORARY PAVEMENT WIDENING ADJACENT TO THE EXISTING ROADWAY (STATION 543+68 TO 552+00 RT) WILL NEED TO BE CONSTRUCTED INITIALLY DURING PHASE 1A TO ALLOW THE TRAFFIC SHIFT IN PHASE 1B. REMOVE SECTIONS OF THE EXISTING GUARDRAIL AS REQUIRED. RELOCATE THE EXISTING END TREATMENT. GUARDRAIL REMOVAL PAID PER THE UNIT PRICE. THE END TREATMENT RELOCATING IS INCIDENTAL TO THE GUARDRAIL REMOVAL BID ITEM.
3. THE EXISTING BRIDGE BARRIER WALLS (NORTH SIDE ONLY) ARE REMOVED FROM THE TWO BRIDGES. REFERENCE IS MADE TO THE "BRIDGE CONSTRUCTION PHASING TYPICAL SECTIONS".

PHASE 1B NOTES

4. SHIFT TRAFFIC TO THE TEMPORARY PAVEMENT AS INDICATED.

PHASE 1C NOTES

5. THE BRIDGES AND AS MUCH ROADWAY LENGTH AS POSSIBLE ARE CONSTRUCTED WITHOUT IMPACTING THE EXISTING US150 TRAFFIC PATTERN.
6. THE EXISTING GUARDRAIL ON THE NORTH SIDE OF ROAD WILL NEED TO REMAIN IN PLACE UNTIL THE PROPOSED EMBANKMENT IS CONSTRUCTED. AFTER THE GUARDRAIL IS REMOVED, THE TEMPORARY PIPE AND CATCH BASINS AS INDICATED ON THE MOT CROSS SECTIONS ARE CONSTRUCTED.



LEGEND

	TRAFFIC LOCATION THIS PHASE
	EXISTING TRAFFIC
	CHANNELIZATION DEVICES
	TEMPORARY PAVEMENT
	PERMANENT CONSTRUCTION
	TEMPORARY DITCH

MAINTENANCE OF TRAFFIC
PLAN SHEET - PHASE 1
SHEET 2 OF 2

SCALE: 1"=100'

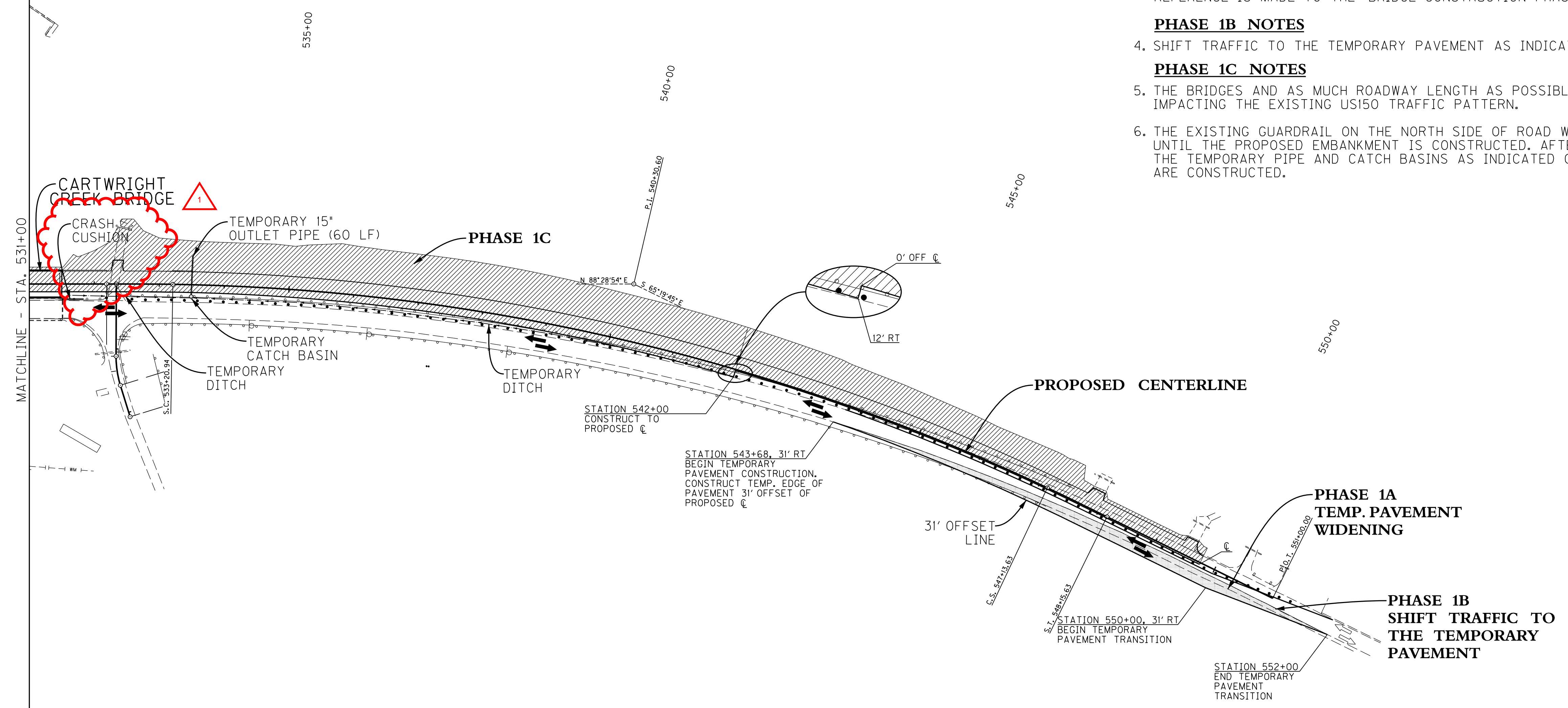
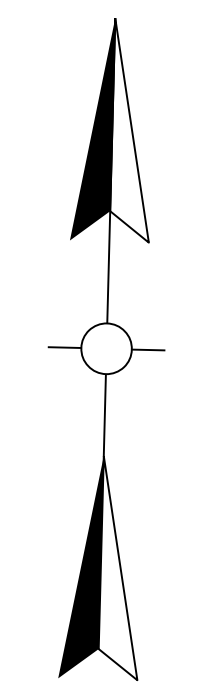
FILE NAME: L:\HOR CONTRACTS 50000 SERIES\CON059100--KYTC LAB US150 IMP\03.00 DELIVERABLES\2012.09.10 FINAL DELIVERABLE\04-1068.00 & 04-1069.00
 USER: jmcammio
 DATE PLOTTED: December 5, 2012
 E-SHEET NAME:
 MicroStation v8.11.9.357

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COUNTY OF	ITEM NO.	SHEET NO.
NELSON WASHINGTON	4-1068.00 4-1069.00	R17

MAINTENANCE OF TRAFFIC PHASE 1

REVISED 12-10-2012



PHASE 1A NOTES

1. TRAFFIC WILL REMAIN IN THE EXISTING LANES FOR THE DURATION OF PHASE 1, EXCEPT AS NOTED BELOW.
2. TEMPORARY PAVEMENT WIDENING ADJACENT TO THE EXISTING ROADWAY (STATION 543+68 TO 552+00 RT) WILL NEED TO BE CONSTRUCTED INITIALLY DURING PHASE 1A TO ALLOW THE TRAFFIC SHIFT IN PHASE 1B. REMOVE SECTIONS OF THE EXISTING GUARDRAIL AS REQUIRED. RELOCATE THE EXISTING END TREATMENT. GUARDRAIL REMOVAL PAID PER THE UNIT PRICE. THE END TREATMENT RELOCATING IS INCIDENTAL TO THE GUARDRAIL REMOVAL BID ITEM.
3. THE EXISTING BRIDGE BARRIER WALLS (NORTH SIDE ONLY) ARE REMOVED FROM THE TWO BRIDGES. REFERENCE IS MADE TO THE "BRIDGE CONSTRUCTION PHASING TYPICAL SECTIONS".

PHASE 1B NOTES

4. SHIFT TRAFFIC TO THE TEMPORARY PAVEMENT AS INDICATED.

PHASE 1C NOTES

5. THE BRIDGES AND AS MUCH ROADWAY LENGTH AS POSSIBLE ARE CONSTRUCTED WITHOUT IMPACTING THE EXISTING US150 TRAFFIC PATTERN.
6. THE EXISTING GUARDRAIL ON THE NORTH SIDE OF ROAD WILL NEED TO REMAIN IN PLACE UNTIL THE PROPOSED EMBANKMENT IS CONSTRUCTED. AFTER THE GUARDRAIL IS REMOVED, THE TEMPORARY PIPE AND CATCH BASINS AS INDICATED ON THE MOT CROSS SECTIONS ARE CONSTRUCTED.

LEGEND

	TRAFFIC LOCATION THIS PHASE
	EXISTING TRAFFIC
	CHANNELIZATION DEVICES
	TEMPORARY PAVEMENT
	PERMANENT CONSTRUCTION
	TEMPORARY DITCH

MAINTENANCE OF TRAFFIC
 PLAN SHEET - PHASE 1
 SHEET 2 OF 2

SCALE: 1"=100'

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SPECIAL NOTE FOR WATERBLASTING STRIPING REMOVAL

This Special Note will apply where indicated on the plans or in the proposal. Section references herein are to the Department's 2012 Standard Specifications for Road and Bridge Construction.

1.0 DESCRIPTION. Remove pavement striping, temporary or permanent, from asphalt or concrete pavement using ultra-high pressure water.

2.0 MATERIALS AND EQUIPMENT.

2.1 Truck Mounted Ultra-high Pressure Pump and Water Tank. Use a truck having a separate hydrostatic transmission capable of speed increments of ± 1 foot per minute at operator's discretion. Use a pump capable of delivering a minimum of 30,000 psi to a bumper mounted deck containing an operator controlled rotating manifold that is speed variable up to at least 3,000 rpm and accepts interchangeable waterjet nozzles. Provide all necessary waterjet nozzle setups and patterns to ensure clean sufficient removal. Ensure the deck's discharge directs the water and removal material in a manner that is not hazardous to vehicles or pedestrians.

2.2 Water. Conform to Section 803.

3.0 CONSTRUCTION. Before starting work, provide the Engineer with a contractor work history of 2 projects where striping removal was completed acceptably for a similar type of pavement. If no history is available, complete 1,000 linear feet of striping removal and obtain the Engineer's approval before continuing.

Conduct striping removal under lane closures meeting the conditions of the MUTCD and Kentucky Standard Drawings and Specifications. Waterblast to remove temporary or permanent striping completely as the Engineer directs. Do not damage the pavement in any way and protect all joint seals. If damage is observed, stop the removal process until the operator can make changes and demonstrate acceptable striping removal. Repair any damage to the pavement. Vacuum all marking material and removal debris concurrently with the blasting operation.

4.0 MEASUREMENT. The Department will measure the quantity in linear feet. When the removal area's width exceeds 8 inches and a second pass is required, the Department will measure the length of the additional pass for Payment. The Department will not measure for payment additional passes for widths of 8 inches or less or passes to further eradicate markings. The Department will not measure repair of damaged pavement for payment and will consider it incidental to this item of work.

5.0 PAYMENT. The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
---	Waterblast Stripe Removal	Linear Foot

The Department will consider payment as full compensation for all work required under this note.

January 1, 2008

MATERIAL SUMMARY

CONTRACT ID: 121359

121GR12D059-BRO

DE09001501259

SPRINGFIELD ROAD (US 150) REPLACE BRIDGE OVER BEECH FORK BRIDGE WITH GRADE, DRAIN & SURFACE, A DISTANCE OF .1 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0010	00078	CRUSHED AGGREGATE SIZE NO 2	919.00	TON
0020	02599	FABRIC-GEOTEXTILE TYPE IV	13,928.00	SQYD
0030	02230	EMBANKMENT IN PLACE - (REVISED: 11-29-12)	25,800.00	CUYD
0040	02242	WATER	774.00	MGAL
0050	02545	CLEARING AND GRUBBING - (NELSON COUNTY - 5.5 ACRES)	1.00	LS
0060	02429	RIGHT-OF-WAY MONUMENT TYPE 1	5.00	EACH
0070	02432	WITNESS POST	2.00	EACH
0080	21289ED	LONGITUDINAL EDGE KEY	850.00	LF
0090	02585	EDGE KEY	55.00	LF
0100	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	78.00	SQYD
0110	01845	ISLAND INTEGRAL CURB - (REVISED: 12-11-12)	50.00	LF
0120	21415ND	EROSION CONTROL - (NELSON COUNTY)	1.00	LS
0130	05985	SEEDING AND PROTECTION	33,870.00	SQYD
0140	02483	CHANNEL LINING CLASS II	49.00	TON
0150	02690	SAFELOADING	3.00	CUYD
0160	23061EN	DEBRIS REMOVAL	1.00	CUYD
0170	02726	STAKING - (NELSON COUNTY)	1.00	LS
0180	05950	EROSION CONTROL BLANKET	1,634.00	SQYD
0190	06510	PAVE STRIPING-TEMP PAINT-4 IN	7,275.00	LF
0200	06514	PAVE STRIPING-PERM PAINT-4 IN	10,900.00	LF
0210	02650	MAINTAIN & CONTROL TRAFFIC - (NELSON COUNTY)	1.00	LS
0220	02671	PORTABLE CHANGEABLE MESSAGE SIGN	1.00	EACH
0230	02014	BARRICADE-TYPE III	3.00	EACH
0240	02562	SIGNS	100.00	SQFT
0250	02381	REMOVE GUARDRAIL	3,463.00	LF
0260	02397	TEMP GUARDRAIL	50.00	LF
0270	02900	INSTALL TEMP CRASH CUSHION	1.00	EACH
0280	03171	CONCRETE BARRIER WALL TYPE 9T	340.00	LF
0290	10020NS	FUEL ADJUSTMENT	7,604.00	DOLL
0300	10030NS	ASPHALT ADJUSTMENT	9,236.00	DOLL
0310	02351	GUARDRAIL-STEEL W BEAM-S FACE	1,641.00	LF
0320	02391	GUARDRAIL END TREATMENT TYPE 4A	2.00	EACH
0330	02360	GUARDRAIL TERMINAL SECTION NO 1	3.00	EACH
0340	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	2.00	EACH
0350	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	20.00	EACH
0360	00440	ENTRANCE PIPE-15 IN	37.00	LF
0370	00462	CULVERT PIPE-18 IN	30.00	LF
0380	02483	CHANNEL LINING CLASS II	6.00	TON
0390	08100	CONCRETE-CLASS A	2.00	CUYD
0400	08150	STEEL REINFORCEMENT	8.00	LB
0410	00001	DGA BASE	7,061.00	TON
0420	00100	ASPHALT SEAL AGGREGATE	43.00	TON

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0430	00103	ASPHALT SEAL COAT	5.00	TON
0440	00301	CL2 ASPH SURF 0.38D PG64-22	739.00	TON
0450	00212	CL2 ASPH BASE 1.00D PG64-22	3,256.00	TON
0460	00018	DRAINAGE BLANKET-TYPE II-ASPH	1,136.00	TON
0490	08100	CONCRETE-CLASS A	425.70	CUYD
0500	08150	STEEL REINFORCEMENT	55,735.00	LB
0510	08003	FOUNDATION PREPARATION - (NELSON COUNTY - 26887)	1.00	LS
0520	02625	REMOVE HEADWALL	2.00	EACH
0530	02568	MOBILIZATION	1.00	LS
0540	02569	DEMOBILIZATION	1.00	LS
0550	02696	SHOULDER RUMBLE STRIPS-SAWED	4,875.00	LF
0560	02731	REMOVE STRUCTURE - (BEECH FORK BRIDGE)	1.00	LS
0570	08100	CONCRETE-CLASS A	321.00	CUYD
0580	08104	CONCRETE-CLASS AA	577.00	CUYD
0590	08150	STEEL REINFORCEMENT	49,539.00	LB
0600	08151	STEEL REINFORCEMENT-EPOXY COATED	189,191.00	LB
0610	08001	STRUCTURE EXCAVATION-COMMON	342.00	CUYD
0620	08002	STRUCTURE EXCAV-SOLID ROCK - (REVISED: 11-29-12)	141.00	CUYD
0630	08019	CYCLOPEAN STONE RIP RAP - (REVISED: 11-29-12)	170.00	TON
0640	02231	STRUCTURE GRANULAR BACKFILL - (REVISED: 11-29-12)	260.00	CUYD
0650	02998	MASONRY COATING - (REVISED: 11-29-12)	2,216.00	SQYD
0660	08046	PILES-STEEL HP12X53	258.00	LF
0680	08094	PILE POINTS-12 IN - (REVISED: 11-29-12)	14.00	EACH
0690	03299	ARMORED EDGE FOR CONCRETE	82.80	LF
0700	21532ED	RAIL SYSTEM TYPE III	806.20	LF
0710	08634	PRECAST PC I BEAM TYPE 4	1,992.50	LF
0720	01093	DUCTILE IRON PIPE-6 IN	2,060.00	LF
0730	03526	GATE VALVE-6 IN	3.00	EACH
0740	20120EC	SOLID SLEEVE-6 IN	1.00	EACH
0750	23310EC	VALVE BOX	3.00	EACH
0760	03545	BEND 22.50 DEG 6 IN	2.00	EACH
0770	03554	BEND 45 DEG 6 IN	5.00	EACH
0780	22605NN	CAP AND BLOCK-6 IN	1.00	EACH
0790	40030	TEMPORARY SILT FENCE	5,300.00	LF
0800	03385	PVC PIPE-6 IN	185.00	LF
0810	03392	PVC PIPE-14 IN	180.00	LF
0820	01073	STEEL ENCASEMENT PIPE-16 IN	220.00	LF
0830	01315	BLOW-OFF ASSEMBLY	1.00	EACH
0840	23363EC	LEAK DETECTION ASSEMBLY	1.00	EACH
0850	24483ED	METER AND BOX	1.00	EACH
0860	23129ND	VALVE BOX AND LID	3.00	EACH
0870	08033	TEST PILES - (26839); (ADDED: 11-29-12)	47.00	LF
0880	02081	JPC PAVEMENT-8 IN SHLD - (ADDED: 12-11-12)	89.00	SQYD
0890	23237EN10W	WATERBLAST STRIPE REMOVAL - (ADDED: 12-11-12)	1,700.00	LF

MATERIAL SUMMARY

BARDSTOWN ROAD (US 150) REPLACE BRIDGE OVER CARTWRIGHT CREEK, 0.1 MILE EAST OF THE NELSON COUNTY LINE BRIDGE WITH GRADE, DRAIN & SURFACE, A DISTANCE OF .1 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0870	00078	CRUSHED AGGREGATE SIZE NO 2	776.00	TON
0880	02599	FABRIC-GEOTEXTILE TYPE IV	11,756.00	SQYD
0890	02230	EMBANKMENT IN PLACE - (REVISED: 11-29-12)	16,449.00	CUYD
0900	02242	WATER	654.00	MGAL
0910	02545	CLEARING AND GRUBBING - (WASHINGTON COUNTY - 4.5 ACRES)	1.00	LS
0920	02429	RIGHT-OF-WAY MONUMENT TYPE 1	10.00	EACH
0930	02432	WITNESS POST	2.00	EACH
0940	02585	EDGE KEY	58.00	LF
0950	02600	FABRIC GEOTEXTILE TY IV FOR PIPE	35.00	SQYD
0960	01845	ISLAND INTEGRAL CURB - (REVISED: 12-11-12)	150.00	LF
0970	21415ND	EROSION CONTROL - (WASHINGTON COUNTY)	1.00	LS
0980	05985	SEEDING AND PROTECTION	21,331.00	SQYD
0990	02483	CHANNEL LINING CLASS II	38.00	TON
1000	02690	SAFELOADING	3.00	CUYD
1010	23061EN	DEBRIS REMOVAL	1.00	CUYD
1020	02726	STAKING - (WASHINGTON COUNTY)	1.00	LS
1030	05950	EROSION CONTROL BLANKET	1,356.00	SQYD
1040	06510	PAVE STRIPING-TEMP PAINT-4 IN	6,600.00	LF
1050	06514	PAVE STRIPING-PERM PAINT-4 IN	9,200.00	LF
1060	02650	MAINTAIN & CONTROL TRAFFIC - (WASHINGTON COUNTY)	1.00	LS
1070	02671	PORTABLE CHANGEABLE MESSAGE SIGN	1.00	EACH
1080	02014	BARRICADE-TYPE III	3.00	EACH
1090	02562	SIGNS	100.00	SQFT
1100	02381	REMOVE GUARDRAIL	3,764.00	LF
1110	02397	TEMP GUARDRAIL	50.00	LF
1120	02900	INSTALL TEMP CRASH CUSHION	1.00	EACH
1130	03171	CONCRETE BARRIER WALL TYPE 9T	240.00	LF
1140	10020NS	FUEL ADJUSTMENT	7,425.00	DOLL
1150	10030NS	ASPHALT ADJUSTMENT	10,217.00	DOLL
1160	02351	GUARDRAIL-STEEL W BEAM-S FACE	1,112.50	LF
1170	02391	GUARDRAIL END TREATMENT TYPE 4A	1.00	EACH
1180	02371	GUARDRAIL END TREATMENT TYPE 7	3.00	EACH
1190	02360	GUARDRAIL TERMINAL SECTION NO 1	4.00	EACH
1200	02363	GUARDRAIL CONNECTOR TO BRIDGE END TY A	6.00	EACH
1210	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	15.00	EACH
1220	00464	CULVERT PIPE-24 IN	25.00	LF
1230	02483	CHANNEL LINING CLASS II	6.00	TON
1240	08100	CONCRETE-CLASS A	2.94	CUYD
1250	08150	STEEL REINFORCEMENT	8.00	LB
1260	00001	DGA BASE	7,460.00	TON
1270	00100	ASPHALT SEAL AGGREGATE	35.00	TON
1280	00103	ASPHALT SEAL COAT	4.00	TON
1290	00301	CL2 ASPH SURF 0.38D PG64-22	728.00	TON
1300	00212	CL2 ASPH BASE 1.00D PG64-22	3,724.00	TON

MATERIAL SUMMARY

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
1310	00018	DRAINAGE BLANKET-TYPE II-ASPH	1,224.00	TON
1340	02568	MOBILIZATION	1.00	LS
1350	02569	DEMOBILIZATION	1.00	LS
1360	02696	SHOULDER RUMBLE STRIPS-SAWED	4,875.00	LF
1370	02731	REMOVE STRUCTURE - (CARTWRIGHT CREEK BRIDGE)	1.00	LS
1380	08100	CONCRETE-CLASS A	210.40	CUYD
1390	08104	CONCRETE-CLASS AA	346.60	CUYD
1400	08150	STEEL REINFORCEMENT	23,743.00	LB
1410	08151	STEEL REINFORCEMENT-EPOXY COATED	97,354.00	LB
1420	08001	STRUCTURE EXCAVATION-COMMON	113.00	CUYD
1430	08002	STRUCTURE EXCAV-SOLID ROCK - (REVISED: 11-29-12)	110.00	CUYD
1440	08019	CYCLOPEAN STONE RIP RAP - (REVISED: 11-29-12)	339.00	TON
1450	02231	STRUCTURE GRANULAR BACKFILL - (REVISED: 11-29-12)	244.00	CUYD
1460	02998	MASONRY COATING - (REVISED: 11-29-12)	922.80	SQYD
1510	08046	PILES-STEEL HP12X53	296.00	LF
1520	08634	PRECAST PC I BEAM TYPE 4	1,096.70	LF
1530	08033	TEST PILES	48.00	LF
1540	03299	ARMORED EDGE FOR CONCRETE	80.00	LF
1550	21532ED	RAIL SYSTEM TYPE III	446.00	LF
1560	08094	PILE POINTS-12 IN	16.00	EACH
1570	01091	DUCTILE IRON PIPE-4 IN	55.00	LF
1580	01093	DUCTILE IRON PIPE-6 IN	830.00	LF
1590	03524	GATE VALVE-4 IN	1.00	EACH
1600	03526	GATE VALVE-6 IN	7.00	EACH
1610	20826ED	SOLID SLEEVE 4IN	1.00	EACH
1620	20120EC	SOLID SLEEVE-6 IN	6.00	EACH
1630	23310EC	VALVE BOX	8.00	EACH
1640	23129ND	VALVE BOX AND LID	8.00	EACH
1650	03545	BEND 22.50 DEG 6 IN	1.00	EACH
1660	24518EC	CAP AND ABANDON	2.00	EACH
1670	22605NN	CAP AND BLOCK-6 IN	1.00	EACH
1680	23741EC	TEE-6 X 6 IN	2.00	EACH
1690	24206EC	TEE AND BLOCK-6 X 6 X 4 IN	1.00	EACH
1700	23330EC	WYE CONNECTION	1.00	EACH
1710	40030	TEMPORARY SILT FENCE	580.00	LF
1720	02606	FIRE HYDRANT	1.00	EACH
1730	22082NN	AIR RELEASE VALVE ASSEMBLY	1.00	EACH
1740	03385	PVC PIPE-6 IN	145.00	LF
1750	03392	PVC PIPE-14 IN	140.00	LF
1760	01073	STEEL ENCASMENT PIPE-16 IN	152.00	LF
1770	03544	BEND 22.50 DEG 4 IN	2.00	EACH
1780	23363EC	LEAK DETECTION ASSEMBLY	1.00	EACH
1790	24483ED	METER AND BOX	1.00	EACH
1800	24569ED	PRESSURE REDUCING VALVE	1.00	EACH
1810	00440	ENTRANCE PIPE-15 IN	32.00	LF
1820	00441	ENTRANCE PIPE-18 IN	48.00	LF
1840	23237EN10W	WATERBLAST STRIPE REMOVAL - (ADDED: 12-11-12)	2,600.00	LF
1850	02081	JPC PAVEMENT-8 IN SHLD - (ADDED: 12-11-12)	89.00	SQYD

PROPOSAL BID ITEMS

Report Date 12/11/12

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0010	00001		DGA BASE	14,521.00	TON		\$	
0020	00018		DRAINAGE BLANKET-TYPE II-ASPH	2,360.00	TON		\$	
0030	00100		ASPHALT SEAL AGGREGATE	78.00	TON		\$	
0040	00103		ASPHALT SEAL COAT	9.00	TON		\$	
0050	00212		CL2 ASPH BASE 1.00D PG64-22	6,980.00	TON		\$	
0060	00301		CL2 ASPH SURF 0.38D PG64-22	1,467.00	TON		\$	

Section: 0002 - ROADWAY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0090	00078		CRUSHED AGGREGATE SIZE NO 2	1,695.00	TON		\$	
0100	01845		ISLAND INTEGRAL CURB(REVISED: 12-11-12)	200.00	LF		\$	
0110	01987		DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	35.00	EACH		\$	
0120	02014		BARRICADE-TYPE III	6.00	EACH		\$	
0121	02081		JPC PAVEMENT-8 IN SHLD(ADDED: 12-11-12)	178.00	SQYD		\$	
0130	02230		EMBANKMENT IN PLACE(REVISED: 11-29-12)	42,249.00	CUYD		\$	
0140	02242		WATER	1,428.00	MGAL		\$	
0150	02351		GUARDRAIL-STEEL W BEAM-S FACE	2,753.50	LF		\$	
0160	02360		GUARDRAIL TERMINAL SECTION NO 1	7.00	EACH		\$	
0170	02363		GUARDRAIL CONNECTOR TO BRIDGE END TY A	8.00	EACH		\$	
0180	02371		GUARDRAIL END TREATMENT TYPE 7	3.00	EACH		\$	
0190	02381		REMOVE GUARDRAIL	7,227.00	LF		\$	
0200	02391		GUARDRAIL END TREATMENT TYPE 4A	3.00	EACH		\$	
0210	02397		TEMP GUARDRAIL	100.00	LF		\$	
0220	02429		RIGHT-OF-WAY MONUMENT TYPE 1	15.00	EACH		\$	
0230	02432		WITNESS POST	4.00	EACH		\$	
0240	02483		CHANNEL LINING CLASS II	87.00	TON		\$	
0250	02545		CLEARING AND GRUBBING(NELSON COUNTY - 5.5 ACRES)	1.00	LS		\$	
0260	02545		CLEARING AND GRUBBING(WASHINGTON COUNTY - 4.5 ACRES)	1.00	LS		\$	
0270	02562		SIGNS	200.00	SQFT		\$	
0280	02585		EDGE KEY	113.00	LF		\$	
0290	02599		FABRIC-GEOTEXTILE TYPE IV	25,684.00	SQYD		\$	
0300	02600		FABRIC GEOTEXTILE TY IV FOR PIPE	113.00	SQYD	\$2.00	\$	\$226.00
0310	02650		MAINTAIN & CONTROL TRAFFIC(NELSON COUNTY)	1.00	LS		\$	
0320	02650		MAINTAIN & CONTROL TRAFFIC (WASHINGTON COUNTY)	1.00	LS		\$	
0330	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0340	02690		SAFELOADING	6.00	CUYD		\$	
0350	02696		SHOULDER RUMBLE STRIPS-SAWED	9,750.00	LF		\$	
0360	02726		STAKING(NELSON COUNTY)	1.00	LS		\$	
0370	02726		STAKING(WASHINGTON COUNTY)	1.00	LS		\$	

PROPOSAL BID ITEMS

Report Date 12/11/12

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0380	02731		REMOVE STRUCTURE(BEECH FORK BRIDGE)	1.00	LS		\$	
0390	02731		REMOVE STRUCTURE(CARTWRIGHT CREEK BRIDGE)	1.00	LS		\$	
0400	02900		INSTALL TEMP CRASH CUSHION	2.00	EACH		\$	
0410	03171		CONCRETE BARRIER WALL TYPE 9T	580.00	LF		\$	
0420	05950		EROSION CONTROL BLANKET	2,990.00	SQYD		\$	
0430	05985		SEEDING AND PROTECTION	55,201.00	SQYD		\$	
0440	06510		PAVE STRIPING-TEMP PAINT-4 IN	13,875.00	LF		\$	
0450	06514		PAVE STRIPING-PERM PAINT-4 IN	20,100.00	LF		\$	
0460	10020NS		FUEL ADJUSTMENT	15,029.00	DOLL	\$1.00	\$	\$15,029.00
0470	10030NS		ASPHALT ADJUSTMENT	19,453.00	DOLL	\$1.00	\$	\$19,453.00
0480	21289ED		LONGITUDINAL EDGE KEY	850.00	LF		\$	
0490	21415ND		EROSION CONTROL(NELSON COUNTY)	1.00	LS		\$	
0500	21415ND		EROSION CONTROL(WASHINGTON COUNTY)	1.00	LS		\$	
0510	23061EN		DEBRIS REMOVAL	2.00	CUYD		\$	
0511	23237EN10W		WATERBLAST STRIPE REMOVAL(ADDED: 12-11-12)	4,300.00	LF		\$	

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0520	00440		ENTRANCE PIPE-15 IN	69.00	LF		\$	
0530	00441		ENTRANCE PIPE-18 IN	48.00	LF		\$	
0540	00462		CULVERT PIPE-18 IN	30.00	LF		\$	
0550	00464		CULVERT PIPE-24 IN	25.00	LF		\$	
0560	02483		CHANNEL LINING CLASS II	12.00	TON		\$	
0570	08100		CONCRETE-CLASS A	4.94	CUYD		\$	
0580	08150		STEEL REINFORCEMENT	16.00	LB		\$	

PROPOSAL BID ITEMS

Report Date 12/11/12

Section: 0004 - BRIDGE

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0590	02231		STRUCTURE GRANULAR BACKFILL (REVISED: 11-29-12)	504.00	CUYD		\$	
0600	02625		REMOVE HEADWALL	2.00	EACH		\$	
0610	02998		MASONRY COATING(REVISED: 11-29-12)	3,138.80	SQYD		\$	
0620	03299		ARMORED EDGE FOR CONCRETE	162.80	LF		\$	
0630	08001		STRUCTURE EXCAVATION-COMMON	455.00	CUYD		\$	
0640	08002		STRUCTURE EXCAV-SOLID ROCK(REVISED: 11-29-12)	251.00	CUYD		\$	
0650	08003		FOUNDATION PREPARATION(NELSON COUNTY - 26887)	1.00	LS		\$	
0660	08019		CYCLOPEAN STONE RIP RAP(REVISED: 11-29-12)	509.00	TON		\$	
0670	08033		TEST PILES	48.00	LF		\$	
0671	08033		TEST PILES(26839); (ADDED: 11-29-12)	47.00	LF		\$	
0680	08046		PILES-STEEL HP12X53	554.00	LF		\$	
0700	08094		PILE POINTS-12 IN(REVISED: 11-29-12)	30.00	EACH		\$	
0710	08100		CONCRETE-CLASS A	957.10	CUYD		\$	
0720	08104		CONCRETE-CLASS AA	923.60	CUYD		\$	
0730	08150		STEEL REINFORCEMENT	129,017.00	LB		\$	
0740	08151		STEEL REINFORCEMENT-EPOXY COATED	286,545.00	LB		\$	
0750	08634		PRECAST PC I BEAM TYPE 4	3,089.20	LF		\$	
0760	21532ED		RAIL SYSTEM TYPE III	1,252.20	LF		\$	

PROPOSAL BID ITEMS

Report Date 12/11/12

Section: 0005 - UTILITY

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
0770	01073		STEEL ENCASEMENT PIPE-16 IN	372.00	LF		\$	
0780	01091		DUCTILE IRON PIPE-4 IN	55.00	LF		\$	
0790	01093		DUCTILE IRON PIPE-6 IN	2,890.00	LF		\$	
0800	01315		BLOW-OFF ASSEMBLY	1.00	EACH		\$	
0810	02606		FIRE HYDRANT	1.00	EACH		\$	
0820	03385		PVC PIPE-6 IN	330.00	LF		\$	
0830	03392		PVC PIPE-14 IN	320.00	LF		\$	
0840	03524		GATE VALVE-4 IN	1.00	EACH		\$	
0850	03526		GATE VALVE-6 IN	10.00	EACH		\$	
0860	03544		BEND 22.50 DEG 4 IN	2.00	EACH		\$	
0870	03545		BEND 22.50 DEG 6 IN	3.00	EACH		\$	
0880	03554		BEND 45 DEG 6 IN	5.00	EACH		\$	
0890	20120EC		SOLID SLEEVE-6 IN	7.00	EACH		\$	
0900	20826ED		SOLID SLEEVE 4IN	1.00	EACH		\$	
0910	22082NN		AIR RELEASE VALVE ASSEMBLY	1.00	EACH		\$	
0920	22605NN		CAP AND BLOCK-6 IN	2.00	EACH		\$	
0930	23129ND		VALVE BOX AND LID	11.00	EACH		\$	
0940	23310EC		VALVE BOX	11.00	EACH		\$	
0950	23330EC		WYE CONNECTION	1.00	EACH		\$	
0960	23363EC		LEAK DETECTION ASSEMBLY	2.00	EACH		\$	
0970	23741EC		TEE-6 X 6 IN	2.00	EACH		\$	
0980	24206EC		TEE AND BLOCK-6 X 6 X 4 IN	1.00	EACH		\$	
0990	24483ED		METER AND BOX	2.00	EACH		\$	
1000	24518EC		CAP AND ABANDON	2.00	EACH		\$	
1010	24569ED		PRESSURE REDUCING VALVE	1.00	EACH		\$	
1020	40030		TEMPORARY SILT FENCE	5,880.00	LF		\$	

Section: 0006 - MOBILIZATION / DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	FP	AMOUNT
1030	02568		MOBILIZATION	1.00	LS		\$	
1040	02569		DEMOBILIZATION	1.00	LS		\$	