



PAT McCRORY
Governor

NICHOLAS J. TENNYSON
Secretary

March 17, 2016

ADDENDUM # 3

To: Plan Holders

From: Wanda H. Austin, P.E.
Division 14 Contract Officer

A handwritten signature in blue ink, consisting of the letters 'WA' with a small 'DS' above the 'A'. The signature is enclosed in a blue rectangular box.

RE: **Questions/Concerns & Answers/Clarifications, Revised
Pay Item List and Revised Typical Section**

Contract ID: DN00455
County: Polk
Letting Date: March 22, 2016

A bidder has posed the following questions/concerns regarding the above contract; the answers/clarifications statements to these questions have been provided below:

- QUESTION/CONCERN: "There are only one set of pay items and one set of plans, but it is our understanding that both Option 1 and Option 2 are to be priced. Can you please clarify the bidding procedures for these options?"
- ANSWER/CLARIFICATION: "**Incorrect, only Option 1 is to be priced. When Option 2 plans are completed and assuming Option 2 is selected a Supplemental Agreement will be processed for the revision.**"
- QUESTION/CONCERN: "Is there a summary of quantities for this project?"
- ANSWER/CLARIFICATION: "**No, this content (Summary of Quantities) has been eliminated from projects since 2014; 'ELMINATION OF THE SUMMARY OF QUANTITIES SHEET 8-1, starting with the January 21, 2014 letting, traditional sheet number 3, Summary of Quantities, will be eliminated from the let plans. The elimination of this sheet will increase the Department's efficiency when electronically signing and sealing final plans.'**"
- QUESTION/CONCERN: "There is no pavement section or spec for the 5" monolithic concrete island. Please clarify."



- **ANSWER/CLARIFICATION: “The monolithic concrete island does not change. Previously, we had listed the roundabout as a lump sum pay item. Now, the roundabout is indicated as pay item 265500000-E 5” Monolithic Concrete Islands (Keyed In)(Roundabout). Reference NCDOT Std Dwg 852.01, as well as Section 852 Traffic Islands and Medians in the 2012 Standard Specifications for Roads and Structures.”**
- QUESTION/CONCERN: “On the overall sheet and sheet 5A, plans show areas of asphalt removal for John Shehan Road that stop at the new layout connection, however the profiles sheets indicate this roadway is coming out. Please clarify that this entire roadway is to be removed to the limits of the new pavement typical section at station 12+64.93.”
- **ANSWER/CLARIFICATION: “Only the asphalt is to be removed. Roadbed to be removed by grading company for TIEC, under separate project. TIEC will grade the area at a later date.”**
- QUESTION/CONCERN: “Plans do not indicate any asphalt removal with the Pea Ridge Road right-of-way that is to be vacated.
 - Please clarify is this to be removed or if it will remain.
 - If removal is to be included, the pay item for the asphalt removal appears insufficient.”
- **ANSWER/CLARIFICATION: “Asphalt in Pea Ridge Rd to remain and be removed by grading contractor for TIEC, under separate project.”**
- QUESTION/CONCERN: “Is there a soils report available showing the existing pavement section for John Shehan Road and Pea Ridge Road?”
- **ANSWER/CLARIFICATION: “No soils report available.”**
- QUESTION/CONCERN: “It appears that during construction of the round-about certain areas may require temporary paving to maintain traffic. If required, how is this to be paid for?”
- **ANSWER/CLARIFICATION: “The entire footprint will be binder. Then traffic will be shifted in quadrants for island and roundabout**



construction. The revised typical section (see attached) address some of this concept. Bottom line - the 'temporary asphalt' is included in the B25.0B quantities."

- **QUESTION/CONCERN:** "The Traffic Control Plan does not appear to account for construction of portions of John Shehan Road or Pea Ridge Road or the construction of Ramp 'A'. Is a revised TCP forthcoming? Please clarify."
- **ANSWER/CLARIFICATION:** "The plans have been modified and quantities include 3" B25.0B under the earthen roundabout area for traffic control purposes. The B25.0B quantity has been adjusted to 3380 tons. The line item 015600000-E Removal of Existing Asphalt Pavement has been increased from 6189 square yards by 805 square yards for a new total of 6994 square yards so that the 3" of B25.0B can be removed from the earthen island area."
- **QUESTION/CONCERN:** "On Sheet 2 the Typical Section @ Round-A-Bout has a pavement section of 2" S9.5B, 3" I19.0B, and 5" B25.0B. Beneath this detail is a note that state 'Typical Phase 1-6 Pavement Section'.
 - Phase 1-4 include the round-a-bout as well as all the Ramp A & B construction, all of Pea Ridge Road north of the round-a-bout, and portions of Pea Ridge Road south and John Shehan Road to the bike path. Can you please confirm the intent was to use this section for these areas and not just the 18' thru lane of the round-a-bout?
 - Phase 5-6 include areas where Pea Ridge Road south and John Shehan Road tie into existing roads, and include 4' bike paths. Please clarify which typical is to be used in these tie-in locations."
- **ANSWER/CLARIFICATION:** "The intent was to provide an asphalt surface beneath the roundabout to implement the TCP. A revised sheet 2 is forthcoming"
- **QUESTION/CONCERN:** "On Sheet 2 the Typical Section #3 is indicated for the 4' bike path which has a pavement section of 2" S9.5B, I19.0B, and 11" ABC. There are certain locations on both Pea Ridge and John Shehan Roads where it appears the bike path stops for turn outs and/or turn lanes. Please



clarify which typical is to be used in the instances, #1 or #3.”

- **ANSWER/CLARIFICATION: “The travel lane typical should remain the same. The bicycle lane typical terminates in the locations shown on the plans. At these locations, the bicycle lane is replaced with earthen shoulder.”**

Pay Item Changes:

See attached revised Pay Item Sheet.

- **Line # 0008, 0156000000-E REMOVAL OF EXISTING ASPHALT PAVEMENT increased from 6189 square yards by 805 square yards for a new total of 6994 square yards.**
- **Line # 0021, Item Number 1489000000-E, ASPHALT CONC BASE COURSE, TYPE B25.0B quantity has been increased from 2,930 tons to 3380 tons.**

Revised Plan Sheet # 2, Typical Section

See attached revised plan sheet # 2.

Please insert this letter, the attached revised pay item sheets, and the attached revised plan sheet into the addendum section of the proposal and sign the verification. Thank you for your attention to this matter.



County : Polk

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.	
0003	0001000000-E	200	CLEARING & GRUBBING .. ACRE(S)	Lump Sum	L.S.	
0004	0036000000-E	225	UNDERCUT EXCAVATION	300 CY		
0005	0106000000-E	230	BORROW EXCAVATION	27,000 CY		
0006	0134000000-E	240	DRAINAGE DITCH EXCAVATION	500 CY		
0007	0141000000-E	240	BERM DITCH CONSTRUCTION	300 LF		
0008	0156000000-E	250	REMOVAL OF EXISTING ASPHALT PAVEMENT	6,994 SY		
0009	0222000000-E	SP	GEOTEXTILE FOR ROCK EMBANKMENTS	100 SY		
0010	0318000000-E	300	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	15 TON		
0011	0335300000-E	305	18" DRAINAGE PIPE	762 LF		
0012	0335400000-E	305	24" DRAINAGE PIPE	200 LF		
0013	0453000000-E	310	*** PIPE END SECTION (18)	1 EA		
0014	0453000000-E	310	*** PIPE END SECTION (24)	1 EA		
0015	0995000000-E	340	PIPE REMOVAL	40 LF		
0016	1011000000-N	500	FINE GRADING	Lump Sum	L.S.	
0017	1121000000-E	520	AGGREGATE BASE COURSE	8,702 TON		
0018	1220000000-E	545	INCIDENTAL STONE BASE	135 TON		
0019	1245000000-E	SP	SHOULDER RECONSTRUCTION	0.94 SMI		

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0020	1330000000-E	607	INCIDENTAL MILLING	420		SY
0021	1489000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0B	3,380		TON
0022	1498000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	3,100		TON
0023	1519000000-E	610	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2,619		TON
0024	1575000000-E	620	ASPHALT BINDER FOR PLANT MIX	443		TON
0025	1693000000-E	654	ASPHALT PLANT MIX, PAVEMENT REPAIR	100		TON
0026	2275000000-E	SP	FLOWABLE FILL	50		CY
0027	2286000000-N	840	MASONRY DRAINAGE STRUCTURES	13		EA
0028	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	2		EA
0029	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	5		EA
0030	2374000000-N	840	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	5		EA
0031	2549000000-E	846	2'-6" CONCRETE CURB & GUTTER	1,410		LF
0032	2655000000-E	852	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	2,170		SY
0033	2657000000-E	852	*** MONOLITHIC CONCRETE MEDIAN (****) (5", KEYED IN)	600		SY
0035	2845000000-N	858	ADJUSTMENT OF METER BOXES OR VALVE BOXES	5		EA
0036	3030000000-E	862	STEEL BM GUARDRAIL	50		LF
0037	3270000000-N	SP	GUARDRAIL ANCHOR UNITS, TYPE 350	2		EA

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0038	3500000000-E	866	WOVEN WIRE FENCE, *** FABRIC (48)	782	LF	
0039	3509000000-E	866	4" TIMBER FENCE POSTS, 7'-6" LONG	100	EA	
0040	3515000000-E	866	5" TIMBER FENCE POSTS, 8'-0" LONG	8	EA	
0041	3566000000-E	867	WOVEN WIRE FENCE RESET	1,556	LF	
0042	3656000000-E	876	GEOTEXTILE FOR DRAINAGE	81	SY	
0043	4096000000-N	904	SIGN ERECTION, TYPE D	4	EA	
0044	4102000000-N	904	SIGN ERECTION, TYPE E	4	EA	
0045	4108000000-N	904	SIGN ERECTION, TYPE F	4	EA	
0046	4400000000-E	1110	WORK ZONE SIGNS (STATIONARY)	72	SF	
0047	4405000000-E	1110	WORK ZONE SIGNS (PORTABLE)	150	SF	
0048	4410000000-E	1110	WORK ZONE SIGNS (BARRICADE MOUNTED)	420	SF	
0049	4420000000-N	1120	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA	
0050	4435000000-N	1135	CONES	50	EA	
0051	4445000000-E	1145	BARRICADES (TYPE III)	180	LF	
0052	4455000000-N	1150	FLAGGER	40	DAY	
0053	4650000000-N	1251	TEMPORARY RAISED PAVEMENT MARKERS	300	EA	
0054	4685000000-E	1205	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	400	LF	
0055	4725000000-E	1205	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	11	EA	

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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0056	4810000000-E	1205	PAINT PAVEMENT MARKING LINES (4")	61,281	LF	
0057	4835000000-E	1205	PAINT PAVEMENT MARKING LINES (24")	104	LF	
0058	4905000000-N	1253	SNOWPLOWABLE PAVEMENT MARKERS	40	EA	
0059	4915000000-E	1264	7' U-CHANNEL POSTS	120	EA	
0060	6000000000-E	1605	TEMPORARY SILT FENCE	3,300	LF	
0061	6006000000-E	1610	STONE FOR EROSION CONTROL, CLASS A	20	TON	
0062	6009000000-E	1610	STONE FOR EROSION CONTROL, CLASS B	100	TON	
0063	6012000000-E	1610	SEDIMENT CONTROL STONE	100	TON	
0064	6015000000-E	1615	TEMPORARY MULCHING	1	ACR	
0065	6018000000-E	1620	SEED FOR TEMPORARY SEEDING	200	LB	
0066	6021000000-E	1620	FERTILIZER FOR TEMPORARY SEED- ING	100	TON	
0067	6024000000-E	1622	TEMPORARY SLOPE DRAINS	100	LF	
0068	6030000000-E	1630	SILT EXCAVATION	650	CY	
0069	6036000000-E	1631	MATTING FOR EROSION CONTROL	7,000	SY	
0070	6037000000-E	SP	COIR FIBER MAT	160	SY	
0071	6042000000-E	1632	1/4" HARDWARE CLOTH	200	LF	
0072	6071010000-E	SP	WATTLE	99	LF	
0073	6084000000-E	1660	SEEDING & MULCHING	4.25	ACR	
0074	6087000000-E	1660	MOWING	4	ACR	

County : Polk

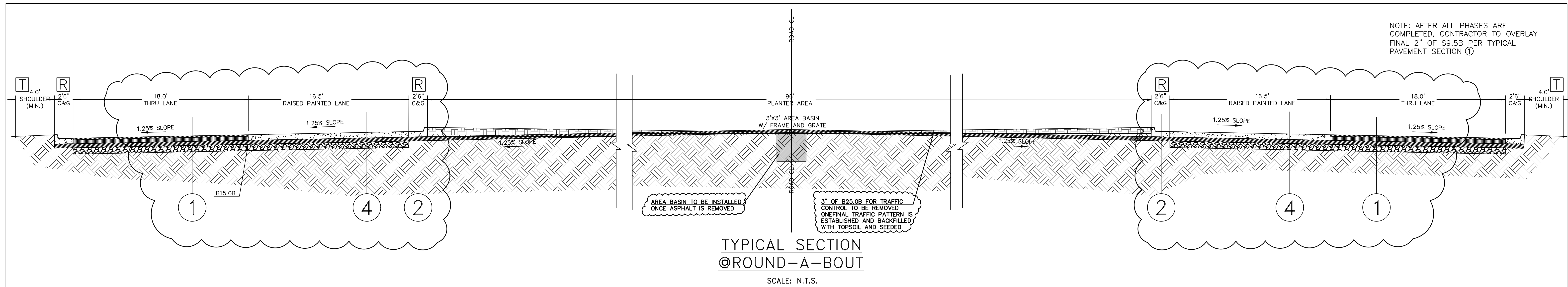
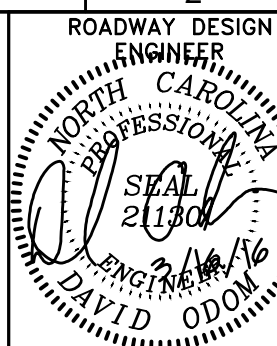
Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
0075	6090000000-E	1661	SEED FOR REPAIR SEEDING	50	LB	
0076	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	100	TON	
0077	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50	LB	
0078	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	3	EA	
0079	7980000000-N	SP	GENERIC SIGNAL ITEM (TEMP SIGNAL - 1 PAIR; PRE-TIM ED OR ACTUATED)	1	EA	

WALL ITEMS

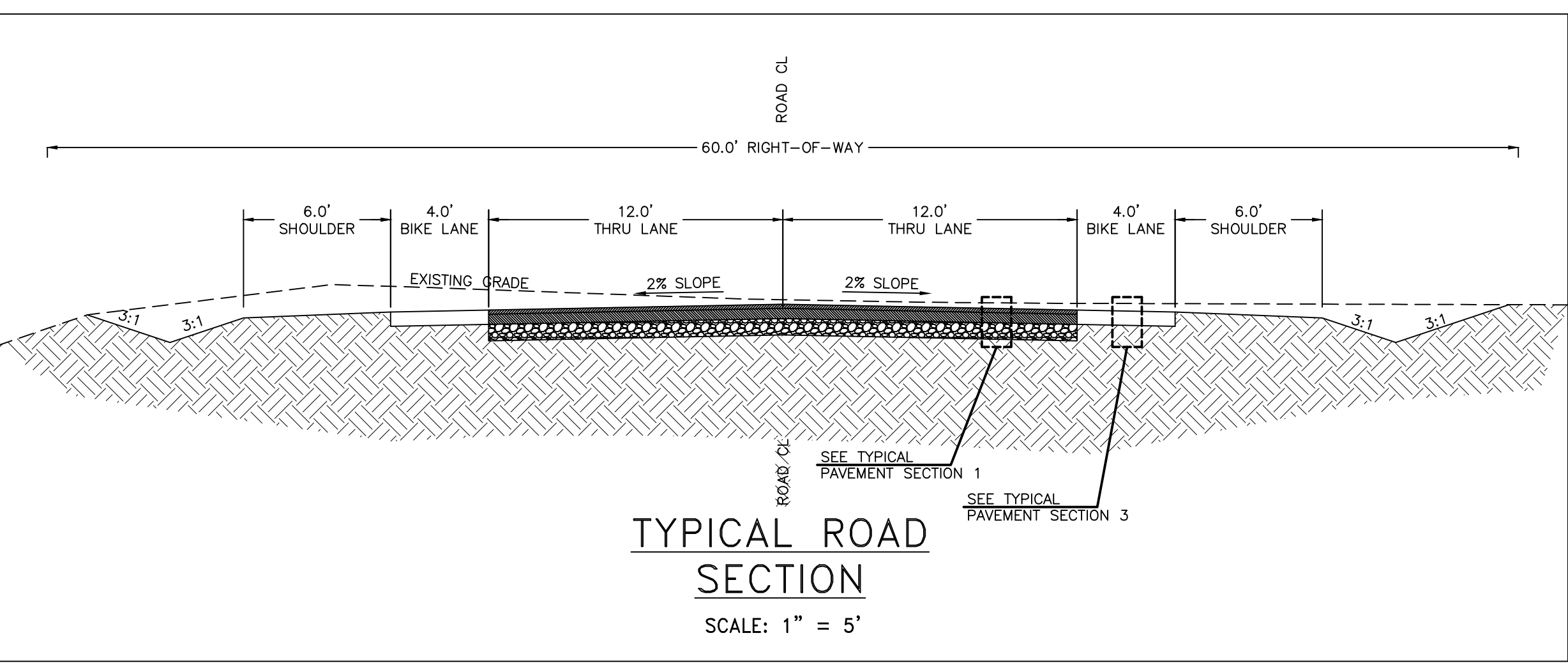
0080	8802030000-E	SP	SEGMENTAL GRAVITY RETAINING WALLS	2,240	SF	
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1551/Mar16/Q139620.19/D272293240000/E79

Total Amount Of Bid For Entire Project :



TYPICAL SECTION @ROUND-A-BOUT
SCALE: N.T.S.



TYPICAL ROAD SECTION
SCALE: 1" = 5'

DIRT VOLUME CHARTS

PEA RIDGE ROAD		ROUND-A-BOUT AREA	
STATIONS	NET (CY)	CUT	FILL
0+00-0+50	(411.71)		1,530.56
0+50-1+00	(669.55)		611.45
1+00-1+50	(868.07)		
1+50-2+00	(643.60)		
2+00-2+50	(252.10)		
2+50-3+00	(101.85)		
3+00-3+50	(77.63)		
3+50-4+00	(81.53)		
4+00-4+50	(158.77)		
4+50-5+00	(216.25)		
5+00-5+50	(139.94)		
5+50-6+00	(97.24)		
6+00-6+50	(31.72)		
6+50-7+00	16.08		
7+00-7+50	46.40		
7+50-8+00	28.74		
8+00-8+50	0.86		
8+50-9+00	60.33		
9+00-9+50	125.45		
9+50-10+00	142.49		
10+00-10+50	97.05		
10+50-11+00	(6.31)		
11+00-11+50	(21.53)		
11+50-12+00	(113.34)		
12+00-12+50	(265.65)		
12+50-12+83	(89.72)		
TOTAL (CY)	(3,729.11)		

SHEHAN ROAD	
STATIONS	NET (CY)
0+00-0+50	2,045.17
0+50-1+00	3,455.48
1+00-1+50	2,786.35
1+50-2+00	2,303.99
2+00-2+50	2,215.18
2+50-3+00	2,475.97
3+00-3+50	2,933.38
3+50-4+00	3,292.85
4+00-4+50	3,552.85
4+50-5+00	2,108.83
5+00-5+50	896.81
5+50-6+00	158.51
6+00-6+50	53.42
6+50-7+00	13.36
7+00-7+50	66.89
7+50-8+00	38.56
8+00-8+50	(10.31)
8+50-9+00	(50.13)
9+00-9+50	(70.60)
9+50-10+00	(53.16)
10+00-10+50	(44.69)
10+50-11+00	(10.99)
11+00-11+50	(14.56)
11+50-12+00	(21.01)
12+00-12+50	(29.43)
12+50-12+65	(101.55)
TOTAL (CY)	27,991.17

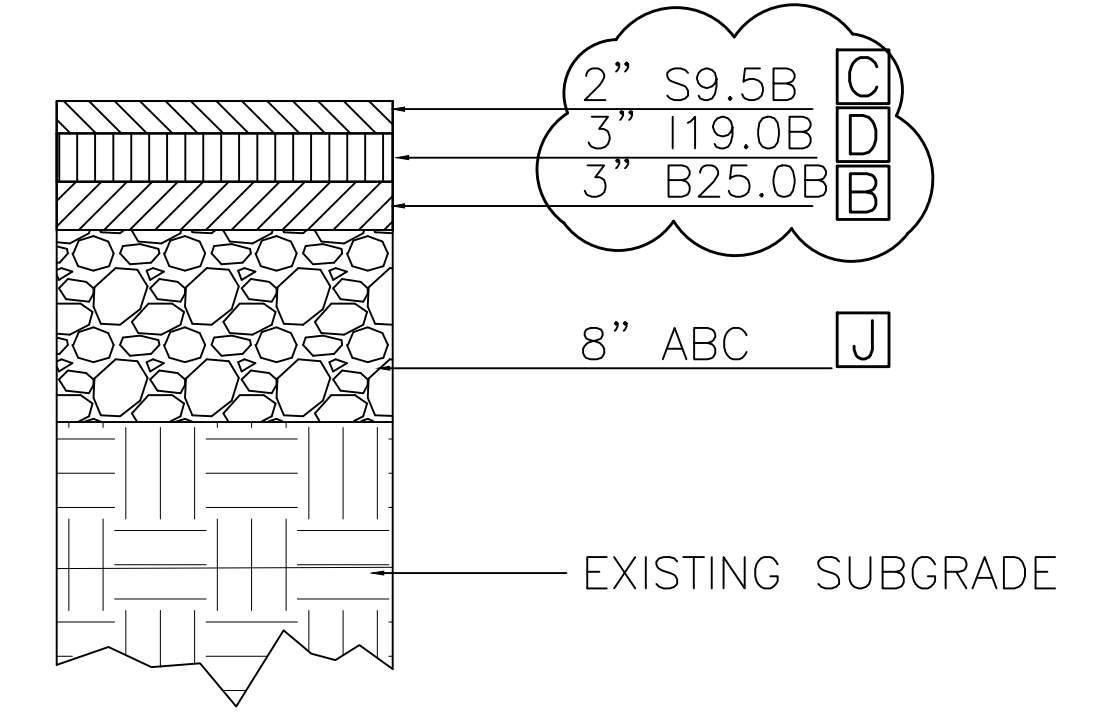
OVERALL NET (CY) 24,873.51

TYPICAL PAVEMENT SECTION ROUND-A-BOUT PAVEMENT SCHEDULE

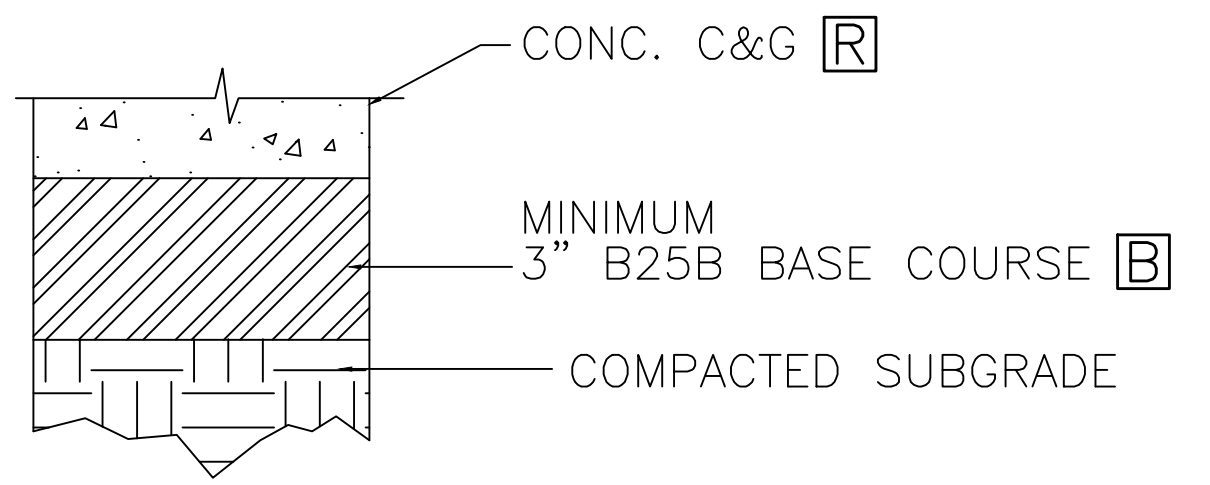
C	PROP APPROX. 2" ASPHALT CONCRETE SURFACE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS PER SQ. YD. PER INCH
D	PROP APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH
B	PROP APPROX. 5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH

TYPICAL PAVEMENT SECTION CURBING AND GUTTERING PAVEMENT SCHEDULE

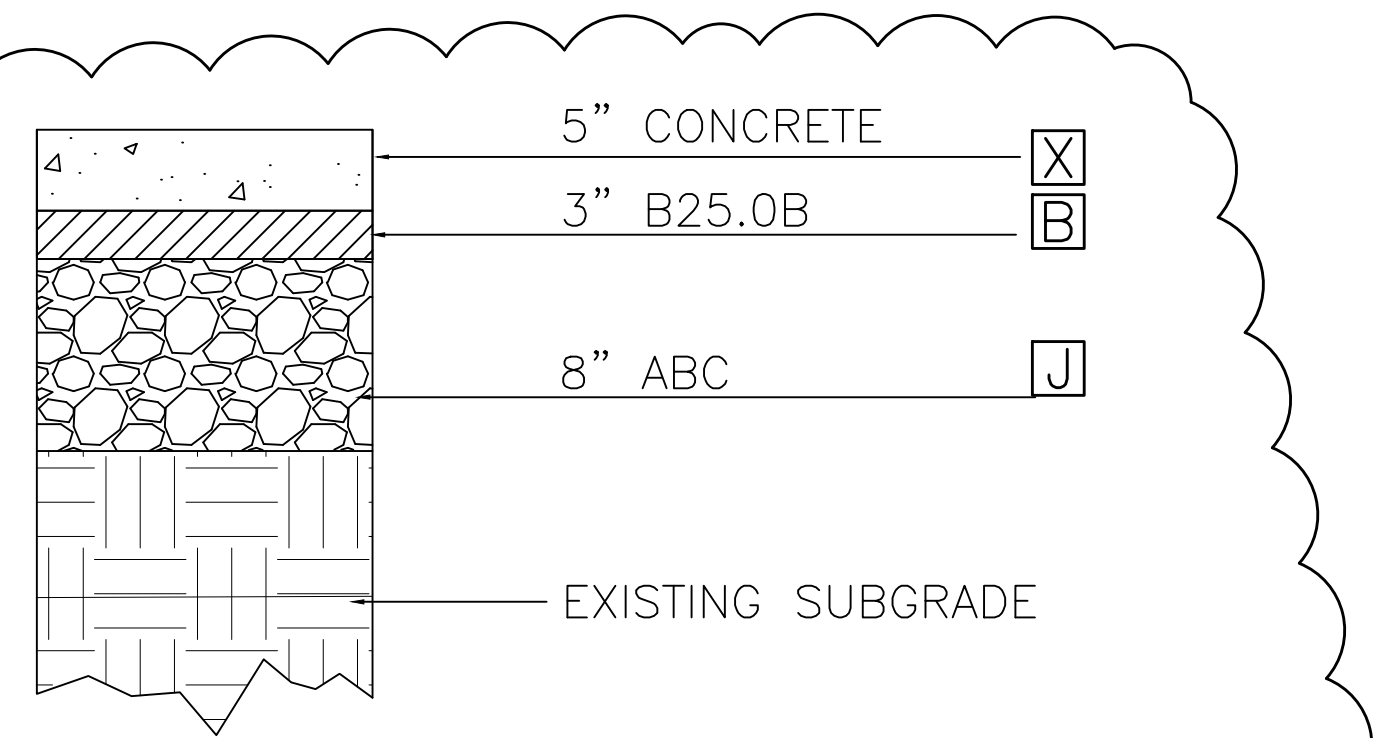
R	2'-6" CONCRETE CURB AND GUTTER
B	PROP APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH



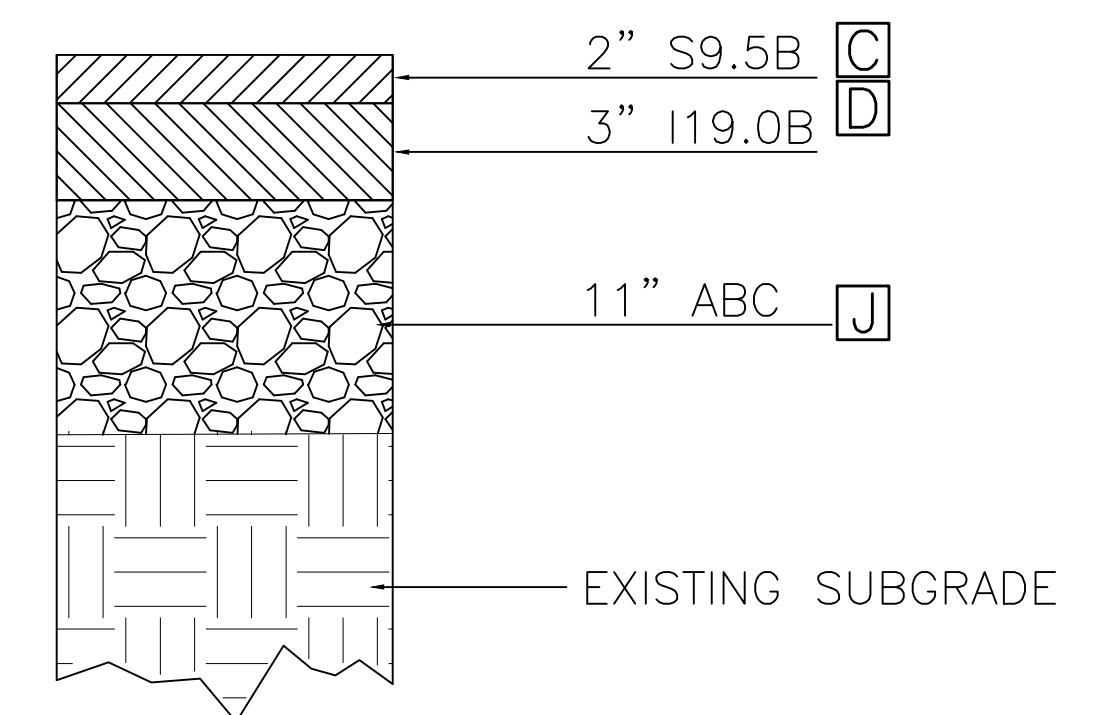
1 TYPICAL PAVEMENT SECTION



2 CURBING BASE SECTION



4 TYPICAL PAVEMENT SECTION



3 TYPICAL PAVEMENT SECTION

TYPICAL PAVEMENT SECTION #1 PAVEMENT SCHEDULE

C	PROP APPROX. 2" ASPHALT CONCRETE SURFACE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS PER SQ. YD. PER INCH
D	PROP APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH
B	PROP APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH
J	PROP 8" AGGREGATE BASE COURSE

TYPICAL PAVEMENT SECTION #3 PAVEMENT SCHEDULE

C	PROP APPROX. 2" ASPHALT CONCRETE SURFACE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS PER SQ. YD. PER INCH
D	PROP APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH
J	PROP 11" AGGREGATE BASE COURSE

TYPICAL PAVEMENT SECTION #4 PAVEMENT SCHEDULE

X	PROP APPROX. 5" MONOLITHIC CONCRETE (KEYED IN) ROUNDABOUT
B	PROP APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS PER SQ. YD. PER INCH
J	PROP 8" AGGREGATE BASE COURSE

Drawing name: Z:\2014\14043 - TRYON RESORT ROAD REALIGNMENT\DWG\REVISED PER PRELIM REVIEW #1\14043-BASE-031616-REV.dwg Plotted on: Mar 16, 2016 - 11:42am