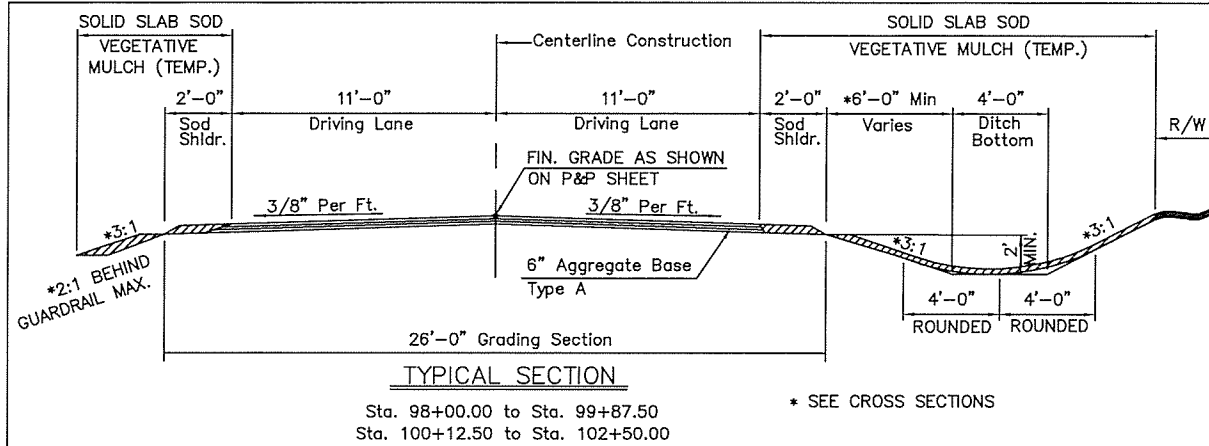


REVISD All Pay Item Quantities and Pay Item Note R-11. 6/20/2016.



**GENERAL CONSTRUCTION NOTES – EROSION CONTROL**

**GRASS:** All disturbed areas including ditches and shoulders shall be sodded with Bermuda Solid Slab Sod in accordance with Section 230.04(a) of the Standard Specifications.

**FERTILIZER:** Areas on which Bermuda Solid Slab Sod is to be planted shall have 18-46-0 fertilizer applied at the rate of 200 lbs. per 1,000 Sq. Yds. of sodding, one half after watering the prepared surface and prior to planting of Sod, and one half after sodding is completed with watering used to incorporate the fertilizer into the soil.

**VEGETATIVE MULCH:** The Vegetative Mulch shall be anchored in accordance with the "Mulching Tiller Method", as specified in Section 233.04(b)2 of the Standard Specifications.

**WATERING:** All areas to be sodded shall be watered before sod is planted to obtain adequate soil moisture to a depth of at least 5".

**SEASONAL PLANTING RESTRICTIONS:**

The Planting of Bermuda Solid Slab Sod shall be restricted to the period from April 15th. to September 15th.

If the dirtwork is completed after the approved season for Bermuda Solid Slab Sodding has ended, all disturbed areas will be covered with Vegetative Mulch in accordance with Section 233.04(b)2 of the Standard Specifications.

At the beginning of Turfing Operations, any areas included in Planned Quantities that have grown a satisfactory volunteer turf of perennial grass, as determined by the Engineer shall not be sodded.

**GENERAL CONSTRUCTION NOTES (BRIDGE)**

All construction and materials shall comply with the 2009 Oklahoma Standard Specifications for Highway Construction English Version, except as modified by the plans and Special Provisions.

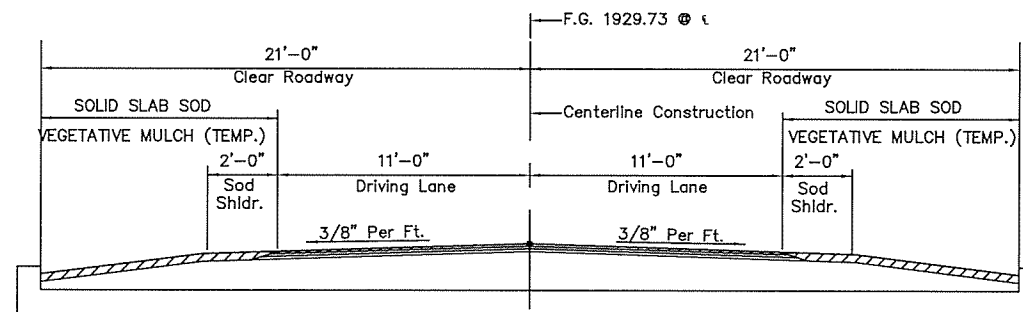
The Bridge site will be closed to all public traffic during construction. The Contractor shall be responsible for all Construction Traffic Control. All signs, barricades, lights, and other Traffic Control Devices and Measures, etc. shall be provided in accordance with the Standards set forth in the Manual on Uniform Traffic Control Devices, Current Edition as revised, and as shown on the TCS Standards. "Road Closed One Mile Ahead" sign will be placed at the first intersection East and "Road Closed One Mile Ahead" sign will be placed at the first intersection West from the project. All construction signs with (10) Square Feet or more will be double posted. If contractor constructs a work road, it must be placed on the downstream (North) side, to avoid potential wetlands on the South side.

Class AA Concrete required for RCB Construction.

The Contractor shall give written notice to the County, CED #7, and ODOT Div 5 fourteen (14) calendar days before any construction or demolition begins on this project.

County to be responsible for the following:

1. Acquiring all required R/W.
2. Removal and resetting all fences on right-of-way lines.
3. Relocating all utilities.
4. Detour signing if necessary.



TYPICAL SECTION OVER RCB  
Sta. 99+87.50 to Sta. 100+12.50

**PAY ITEM NOTES**

- (G-48) In accordance with the Oklahoma Underground Facilities Damage Prevention Act the Contractor shall notify the Oklahoma One-Call System, Inc. 48 hours prior to beginning excavation. Oklahoma One-Call System, Inc. "Call Okie" 1-800-522-6543 or 811
- (R-1) Payment for this item will be based on plan quantity. See 2009 Standard Specifications for Highway Construction, "Plan Quantities" Section 109.01(b).
- (R-7) Price Bid to include cost of 10-20-10 Fertilizer, Estimated at 200 lbs. per 1,000 sq. yds.
- (R-11) The quantity estimated for Temporary Erosion and Sediment Control is 0.75 Acres. (One Application).
- (R-41) Includes 10 Cu. Yds. to be used in a manner approved by the Engineer.
- (1) This pay item to include Roadway Excavation, Channel Excavation, Unclassified Borrow, Clearing and Grubbing and Construction of Roadway Embankment. Includes all costs to remove, stockpile and replace the topsoil on the finished grading slopes and old channel, in accordance with Section 205 of the Standard Specifications. Price bid also includes cost of 18-46-0 Fertilizer estimated at 150 lbs. per acre. Any material not suitable for roadway embankment to be disposed of in a manner approved by the Engineer. See Sheet 6 for Grading Estimate.
- (2) Estimated Quantity only. Location and actual quantity required to be determined by the Engineer.
- (3) Price bid to include cost of silt removal.
- (4) Contractor will supply sufficient water to produce adequate grass growth as approved by the Engineer.
- (5) Shall include all Traffic Control Devices necessary to regulate traffic during construction. This item shall be paid for as Lump Sum due to the minor extent of construction for this project. All Traffic Control shall be in accordance with State Standards and the Manual on Uniform Traffic Control Devices, Current Edition.
- (6) Item "Removal of Existing Bridge Structure" consist of removal and disposal of the existing 3'-7" concrete slab spans on masonry substructure, 26' wide in accordance with Section 619.04(b)2 of the Standard Specifications and in a manner approved by the Engineer. The existing structure rubble may be used as rip-rap with prior approval of and by direction of the Engineer.
- (7) The 18" Rip Rap and Filter Blanket will be placed to protect the wings and Channel where shown on plans. Placement will be directed by the Engineer.

Environmental Mitigation Notes per Policy Directive C-201-2D(2):  
Locations outside the project area in the following area must not be utilized for borrow, equipment staging, haul roads, spoil dumps or any off-site project-related activity.  
T8N, R24W:  
Section 12: SW¼ SW¼ NE¼  
Section 13: NE¼ NE¼ NE¼  
T8N, R25W:  
Section 18: NW¼ NW¼ NW¼

PAY QUANTITIES				
100 ROADWAY J/P NO. 30047(04)				
ITEM	DESCRIPTION	UNIT	QUANTITY	
202(H)	0185 EARTHWORK (1)	L. SUM.	1.00	
221(C)	2801 TEMPORARY SILT FENCE (2) (3)	L.F.	250.00	
221(F)	0100 TEMPORARY SILT DIKE (2) (3)	L.F.	200.00	
230(A)	2806 SOLID SLAB SODDING (4) (R-7)	S.Y.	3,600.00	
233(A)	2817 VEGETATIVE MULCHING (R-11)	AC.	0.75	
303(A)	2100 AGGREGATE BASE TYPE A	C.Y.	188.00	
311(B)	0152 PROCESSING EXISTING BASE AND SURFACE, METHOD B	L.F.	425.00	
509(D)	0325 CLASS C CONCRETE (R-41)	C.Y.	10.00	

PAY QUANTITIES				
200 BRIDGE DOUBLE 11'-0" X 4.5' X 42' CL. RDY. RCB, DESIGN NO. 5				
ITEM	DESCRIPTION	UNIT	QUANTITY	
202(A)	1301 UNCLASSIFIED EXCAVATION (R-1)	C.Y.	333.00	
501(A)	1306 STRUCTURAL EXCAVATION UNCLASSIFIED (R-1)	C.Y.	64.00	
509(A)	1326 CLASS AA CONCRETE (R-1)	C.Y.	139.32	
511(A)	1332 REINFORCING STEEL (R-1)	LB.	19,303.00	
601(B)	1353 TYPE 1-A PLAIN RIP RAP (7)	TON	353.00	
601(C)	1355 TYPE 1-A FILTER BLANKET (7)	TON	118.00	
619(D)	1397 REMOVAL OF EXISTING BRIDGE STRUCTURE (6)	L. SUM.	1.00	
880(J)	8905 CONSTRUCTION TRAFFIC CONTROL (5)	L. SUM.	1.00	

PAY QUANTITIES				
640 CONSTRUCTION				
ITEM	DESCRIPTION	UNIT	QUANTITY	
220	2800 SWPPP DOCUMENTATION AND MANAGEMENT	L. SUM.	1.00	
641	1399 MOBILIZATION	L. SUM.	1.00	

PAY QUANTITIES				
600 CONSTRUCTION STAKING				
ITEM	DESCRIPTION	UNIT	QUANTITY	
642(B)	0096 CONSTRUCTION STAKING LEVEL II	L. SUM.	1.00	

Swallow Note:  
Cliff Swallows and Barn Swallows are small colonial nesting birds protected by the federal Migratory Bird Treaty Act. These species commonly use bridges and culverts for nesting. The nesting season for the swallows runs from April 1 to August 31. Any activities which would destroy active nests or harm eggs or birds would violate the Migratory Bird Treaty Act. Swallow use of bridge NBI No. 05123 was not observed during the initial surveys conducted as part of the biological studies in 2015. Swallows may occupy the bridge in the future nesting seasons. The Resident Engineer will evaluate the contractor's proposed work methods and conclude whether the proposed work would harm the nesting birds before work near the structure is authorized. If the proposed work will harm the nesting birds, the bridge may be netted prior to April 1 or the work delayed until the nesting season is complete. Methods other than netting must be pre-approved by the ODOT Biologist.

NOTE:  
NO PRECAST BOXES ALLOWED.

NOTE:  
RCB WINGS TO BE POURED MONOLITHIC WITH BARREL WALLS. NO CONSTRUCTION JOINTS ALLOWED.

BECKHAM COUNTY TRIB. OF SAND CREEK

Design	J.S.N.	09/15
Drawn	J.R.J.	10/15
Checked	M.W.G.	03/16
Approved	J.S.N.	03/16
Consultant	CED #7	

TYPICAL SECTION & SUMMARY OF PAY QUANTITIES & GENERAL NOTES

STATE/JOB No. 30047(04) Sheet No. 2