

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 10–20–10 fertilizer applied at the rate of 150 lbs. per Acre 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.

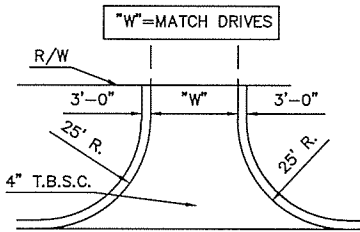
The Bridge site will be closed to all public traffic during construction. The Contractor shall be responsible for all Construction Traffic Control. All signs, barricades, lights, and other Traffic Control Devices and Measures, etc. shall be provided in accordance with the Standards set forth in the Manual on Uniform Traffic Control Devices, Current Edition as revised, and as shown on the TCS Standards. "Road Closed 1 Mile Ahead" sign will be placed at the first intersection East and "Road Closed 1 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.

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.

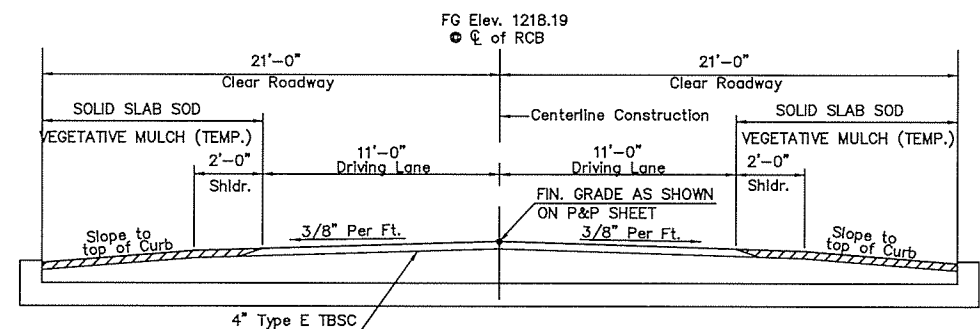


TYPICAL SECTION LINE RETURN

SUMMARY OF RETURNS				
STATION	LOCATION	STYLE	"W"	T.B.S.C. TYPE E TON
97+65.70	LT. & RT.	Sec. Line	22'	34.00
97+90.00	LT.	Field Ent.	20'	12.00

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 Okle" 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 1.24 Acres. (One Application).
- (R-25) Estimated at 120 lbs. per C.F.
- (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) Includes 34 Tons for Section Line Returns and 12 Tons for Field Entrance. T.B.S.C. shall be from a Limestone source.
- (6) 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.
- (7) Item "Removal of Existing Bridge Structure" consist of removal and disposal of the Existing Double 72" C.G.M.P. x 45' Lg. in accordance with Section 619.04(b)2 of the Standard Specifications and in a manner approved by the Engineer.
- (8) The 18" Rip Rap and 6" Filter Blanket Layer will be placed to protect the wings and Channel where shown on plans, and as directed by the Engineer.
- (9) Price bid to include all costs for bedding materials, and non-flammable end sections, as required by Special Provision 613-1(a-b)09 & the P.P. pipe manufacturer, to fit CET's.



TYPICAL SECTION OVER RCB
Sta. 99+88.64 to Sta. 100+31.37

NOTE:
NO PRECAST BOXES ALLOWED.

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

PAY QUANTITIES 100 ROADWAY J/P NO. 31659(04)			
ITEM	DESCRIPTION	UNIT	QUANTITY
202(H)	0185 EARTHWORK (1)	L. SUM.	1.00
221(C)	2801 TEMPORARY SILT FENCE (2) (3)	L.F.	200.00
221(F)	0100 TEMPORARY SILT DIKE (2) (3)	L.F.	200.00
230(A)	2806 SOLID SLAB SODDING (4) (R-7)	S.Y.	5,980.00
233(A)	2817 VEGETATIVE MULCHING (R-11)	AC.	1.24
402(E)	0225 TRAFFIC BOUND SURFACE COURSE TYPE E (5) (R-25)	TON	359.00
509(D)	0325 CLASS C CONCRETE (R-41)	C.Y.	10.00
613(E)	5520 (SP) 24" CORR. POLYPROPYLENE PIPE (9)	L.F.	195.00
613(M)	7187 TYPE B4 CULVERT END TREATMENT	EA.	4.00
853	9024 DELINEATORS (TYPE I, CODE I)	EA.	4.00

PAY QUANTITIES 200 BRIDGE TRIPLE 11'-0" X 6'-6" X 42' CL. RDY. RCB, SKEWED 30° R.F., DESIGN NO. 17			
ITEM	DESCRIPTION	UNIT	QUANTITY
202(A)	1301 UNCLASSIFIED EXCAVATION (R-1)	C.Y.	1,946.00
501(A)	1306 STRUCTURAL EXCAVATION UNCLASSIFIED (R-1)	C.Y.	177.00
509(A)	1326 CLASS AA CONCRETE (R-1)	C.Y.	248.00
511(A)	1332 REINFORCING STEEL (R-1)	LB.	41,248.00
601(B)	1353 TYPE 1-A PLAIN RIP RAP (8)	TON	504.00
601(C)	1355 TYPE I-A FILTER BLANKET (8)	TON	168.00
619(D)	1397 REMOVAL OF EXISTING BRIDGE STRUCTURE (7)	L. SUM.	1.00
880(J)	8905 CONSTRUCTION TRAFFIC CONTROL (6)	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 STAKING LEVEL II	L. SUM.	1.00

BLAINE COUNTY OTTER CREEK

Design J.S.N. 09/15
 Drawn J.R.J. 12/15
 Checked M.W.C. 04/16
 Approved J.S.N. 04/16
 Consultant CED #7

TYPICAL SECTION & SUMMARY OF PAY QUANTITIES & GENERAL NOTES
 STATE/JOB No. 31659(04) Sheet No. 2