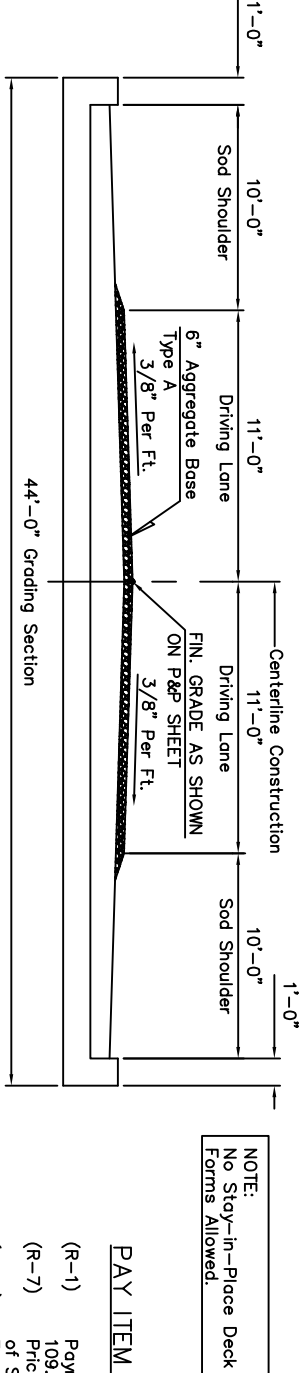


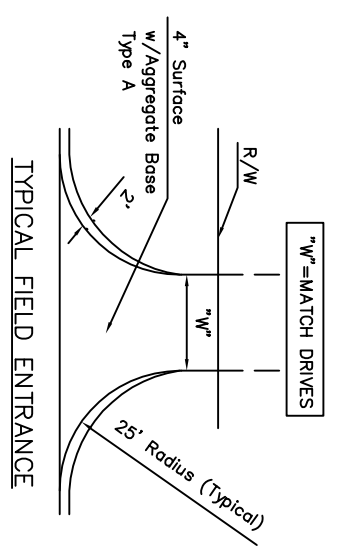
TYPICAL SECTION
STA. 96+00.00 to STA. 99+00.00
STA. 101+50.00 to STA. 104+00.00

* SEE CROSS SECTIONS



TYPICAL SECTION OVER RCB
Sta. 99+50.00 to Sta. 101+00.00

NOTE:
No Pre-cast
Boxes Allowed.



TYPICAL FIELD ENTRANCE

STATION & LOCATION	STYLE	RADIUS	WIDTH "W"	AGGREGATE BASE TYPE A
103+15 Lt. FIELD		25' Lt. & Rt.	30'	C.Y.
TOTALS				24.5

PAY ITEM NOTES

- (R-1) Payment for this item will be based on plan quantity only. See Section 109.01B of the Standard Specifications.
- (R-7) Price bid to include 200 Lbs. of 10-20-10 Fertilizer per 1,000 Sq. Yds. of Sodding.
- (R-11) The quantity estimated for Temporary Erosion and Sediment Control is 1.17 Acres. (One Application).
- (R-41) Includes 10 Cu. Yds. to be used in a manner approved by the Engineer.

FERTILIZER: Areas on which Bermuda Solid Slab Sod is to be planted shall have 10-20-10 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.

WAITERING: 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 March 1st. 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 1/2 Mile Ahead signs will be placed at the first intersection South and "Road Ahead 1/2 Mile Ahead" signs will be placed at the first intersection North from the project. All construction signs with (10) square feet or more will be double posted.

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.

MIGRATORY BIRD NOTE:

Migratory birds are protected by the federal Migratory Bird Treaty Act. Many birds commonly use bridges as culverts for nesting. The nesting season for most bird species extends from April 1 to August 31. The project was surveyed for migratory bird nests in 2017. Although no nests were observed, the survey is valid only until the 2017 nesting season. The Resident Engineer shall contact the ODOT Biologist at 405-521-2515 if any bird use of the existing structures is observed. If birds are observed then painting, repair, retrofit, rehabilitation or demolition of the existing bridge/structures shall be conducted between September 1, and March 31, when migratory bird nests are not occupied. The bridge may be protected from new nest establishment prior to April 1, by means that do not result in bird death or injury. Options include the exclusion of adult birds from suitable nest sites on or within a structure by the placement of weather-resistant polypropylene netting with 0.25-inch or smaller openings, prior to April 1. Methods other than netting must be pre-approved by the ODOT Biologist.

Locations outside the project area in the following area must not be utilized for borrow, equipment staging, haul roads, spoil dumps, or any other off-site project-related activity.

T4N,R20W, SECTION 31, NE 1/4 of the NE 1/4 of the SW 1/4 of the NE 1/4 of the NE 1/4

SECTION 36, N 1/4 of the N 1/2 of the NE 1/4

These mitigation measures should be discussed at all pre-work conferences per Policy Directive C-201-2E(1). If you have any questions, please contact the Highway Archaeologist at 405-525-7201.

ENVIRONMENTAL MITIGATION NOTES

Locations outside the project area in the following area must not be utilized for borrow, equipment staging, haul roads, spoil dumps, or any other off-site project-related activity.

ITEM	DESCRIPTION	UNIT	QUANTITY
100	ROADWAY U/P NO. 32622(04)	P A Y Q U A N T I T I E S	
202(H)	0185 EARTHWORK (1)	L. SUM.	1.00
221(C)	2801 TEMPORARY SILT FENCE (2) (3)	L.F.	1,800.00
221(F)	0100 TEMPORARY SILT DIKE (2) (3)	L.F.	500.00
230(A)	2806 SOLID SLAB SODDING (R-7) (4)	S.Y.	5,600.00
233(A)	2817 VEGETATIVE MULCHING (R-11)	AC.	1.17
303(A)	2100 AGGREGATE BASE TYPE A (5) (6) (7)	C.Y.	358.00
509(Q)	0325 CLASS C CONCRETE (R-41)	C.Y.	10.00
613(B)	4528 28"x20" CORR. GALV. STEEL PIPE ARCH	L.F.	70.00
613(M)	7187 TYPE B4 CULVERT END TREATMENT	EA.	2.00
853	9024 DELINEATORS (TYPE 1, CODE 1)	EA.	4.00

P A Y Q U A N T I T I E S

ITEM	DESCRIPTION	UNIT	QUANTITY
202(A)	1301 UNCLASSIFIED EXCAVATION (R-1)	C.Y.	2,135.00
501(A)	1306 STRUCTURAL EXCAVATION, UNCLASSIFIED (R-1)	C.Y.	237.50
509(A)	1326 CLASS AA CONCRETE (R-1)	C.Y.	431.27
511(A)	1332 REINFORCING STEEL (R-1)	LB.	88,152.00
601(B)	1353 TYPE I-A PLAIN RIPRAP (8)	TON	690.00
601(C)	1355 TYPE I-A FILTER BLANKET (9)	TON	230.00
619(Q)	1387 REMOVAL OF EXISTING STRUCTURE (10)	L. SUM.	1.00
880(U)	8905 CONSTRUCTION TRAFFIC CONTROL (11)	L. SUM.	1.00

P A Y Q U A N T I T I E S

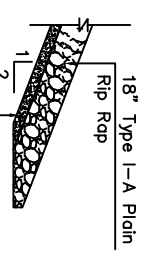
ITEM	DESCRIPTION	UNIT	QUANTITY
640	CONSTRUCTION	P A Y Q U A N T I T I E S	
220	2800 SWPPP DOCUMENTATION AND MANAGEMENT	L. SUM.	1.00
641	1399 MOBILIZATION	L. SUM.	1.00
600	STAKING	P A Y Q U A N T I T I E S	
642(B)	0096 CONSTRUCTION STAKING LEVEL II	L. SUM.	1.00

County to be responsible for the following:

1. Acquiring oil required R/W.
2. Removal and resetting oil fences on right-of-way lines.
3. Relocating all utilities.
4. Detour signing if necessary.
5. Haul off and Retain stockpiled one Existing 10' diameter x40' Lg. Steel Pipe.

NOTE: Contractor to avoid drain pipes and conduits associated with the irrigation catch ponds.

NOTE: RCB Wings to be poured monolithic with the Barrel Walls. No Construction Joints Allowed.



DETAIL OF TYPE I-A PLAIN RIPRAP WITH TYPE I-A FILTER BLANKET

JACKSON COUNTY

TRIBUTARY OF BITTER CREEK

TYPICAL SECTION & SUMMARY OF PAY QUANTITIES & GENERAL NOTES

Design	J.S.N.	8/16
Drawn	T.C.B.	9/16
Checked	M.E.C.	
Approved	J.S.N.	
Consultant	CED NO. 7	