

SELECTING SHEETS FOR COUNTY BRIDGE PLANS

THE INDEX OF SHEETS FOR THE COUNTY BRIDGE STANDARD DRAWINGS IS ORGANIZED BY BRIDGE TYPE. THE COLUMN LABELED "BRIDGE TYPE" GIVEN ON THE INDEX INDICATES THE TYPE OF BRIDGE FOR WHICH THE SUBSEQUENT GROUPING OF SHEETS ON THE INDEX APPLY. THE BRIDGE TYPE IS DEFINED BY A BRIDGE'S CLEAR ROADWAY (26' OR 32'), ABUTMENT TYPE (CONVENTIONAL OR INTEGRAL) AND SKEW ANGLE (0° OR 30°). BEFORE SELECTING SHEETS FROM THE COUNTY BRIDGE STANDARD DRAWINGS, THE DESIGN ENGINEER SHALL FIRST DETERMINE THE BRIDGE'S CLEAR ROADWAY, ABUTMENT TYPE AND SKEW ANGLE AND THEN SELECT FROM THE APPROPRIATE GROUPING OF SHEETS ON THE INDEX. THE DESIGN ENGINEER SHALL THEN SELECT SHEETS WITHIN EACH GROUPING BASED ON THE BEAM TYPE, SPAN LENGTH AND TYPE OF DETAILS NEEDED. EXAMPLES OF SELECTING SHEETS FOR COUNTY BRIDGE PLANS ARE AS FOLLOWS:

EXAMPLE NO. 1

BRIDGE PROPERTIES:

- 26' CLEAR ROADWAY
- CONVENTIONAL ABUTMENTS
- SKEWED 30° LEFT FORWARD
- THREE SPAN (40'-75'-40')
- SPAN NOS. 1 AND 3 ARE TYPE II P.C. BEAM SPANS
- SPAN NO. 2 IS A TYPE III P.C. BEAM SPAN
- GUARDRAIL ANCHOR UNITS ARE TYPE D(BF) AND GET EXTRUDER TERMINAL

REQUIRED SHEETS FROM THE COUNTY BRIDGE STANDARD DRAWINGS:

- CB26-C-SK30-ABUT-PC2-1
- CB26-C-SK30-ABUT-PC2-2
- CB26-C-SK30-XSECT-PC234
- CB26-C-SK30-LSECT-PCB
- CB26-C-SK30-DKSLB-1
- CB26-C-SK30-DKSLB-2
- CB26-C-SK30-DKSLB-BLIST
- CB26-C-SK30-DIA-END-PC234
- CB26-C-SK30-SPR-QUAN-PCB-1
- CB26-C-SK30-SPR-QUAN-PCB-2
- CB26-C-SKO..30-PCB-II-40
- CB26-C-SKO..30-PCB-III-75
- CB26-C-SKO..30-DIA-INT-PCB
- CB26-C-SKO..30-BRG-PC2
- CB26-C-SKO..30-BRG-PC3
- CB26..32-C-SK30-WING-PC2
- CB26..32-C-SK30-ABUT-MISC
- CB26..32-C..I-SKO..30-PCB-DTL-1
- CB26..32-C..I-SKO..30-PCB-DTL-2
- CB26..32-C..I-SKO..30-GRAU-BC

REQUIRED SHEETS FROM THE ODOT "STATE" BRIDGE STANDARD DRAWINGS:

- TR3-2
- EJ-SK
- EJ-DTL
- HP1-2

REQUIRED SHEETS FROM THE ODOT ROADWAY STANDARD DRAWINGS:

- PUD-3
- GRH1-1
- GRH2-1
- GET-3

EXAMPLE NO. 2

BRIDGE PROPERTIES:

- 32' CLEAR ROADWAY
- CONVENTIONAL ABUTMENTS
- SKEWED 0°
- THREE SPAN (75'-100'-75')
- SPAN NOS. 1, 2 AND 3 ARE ROLLED BEAM SPANS
- GUARDRAIL ANCHOR UNITS ARE TYPE D(BF) AND GET EXTRUDER TERMINAL

REQUIRED SHEETS FROM THE COUNTY BRIDGE STANDARD DRAWINGS:

- CB32-C-SKO-ABUT-RB5575
- CB32-C-SKO-XSECT-RB
- CB32-C-SKO-LSECT-RB
- CB32-C-SKO-DKSLB-BLIST
- CB32-C-SKO-DIA-END-RB
- CB32-C-SKO-SPR-QUAN-RB
- CB32-C-SKO..30-RB-5575
- CB32-C-SKO..30-RB-80100
- CB32-C-SKO..30-DIA-INT-RB
- CB32-C-SKO..30-BRG-RB
- CB26..32-C-SKO-WING-RB55100
- CB26..32-C-SKO-ABUT-MISC
- CB26..32-C..I-SKO..30-RB-BRACING
- CB26..32-C..I-SKO..30-GRAU-BC

REQUIRED SHEETS FROM THE ODOT "STATE" BRIDGE STANDARD DRAWINGS:

- TR3-2
- EJ-SQ
- EJ-DTL
- HP1-2

REQUIRED SHEETS FROM THE ODOT ROADWAY STANDARD DRAWINGS:

- PUD-3
- GRH1-1
- GRH2-1
- GET-3

EXAMPLE NO. 3

BRIDGE PROPERTIES:

- 32' CLEAR ROADWAY
- INTEGRAL ABUTMENTS
- SKEWED 0°
- THREE SPAN (100'-145'-100')
- SPAN NOS. 1 AND 3 ARE TYPE IV P.C. BEAM SPANS
- SPAN NO. 2 IS A TYPE J P.C. BEAM SPAN
- INCLUDES OPTIONAL APPROACH SLABS
- GUARDRAIL ANCHOR UNITS ARE TYPE D(BF) AND GET EXTRUDER TERMINAL

REQUIRED SHEETS FROM THE COUNTY BRIDGE STANDARD DRAWINGS:

- CB32-I-SKO-ABUT-PC4
- CB32-I-SKO-XSECT-PC234
- CB32-I-SKO-XSECT-PC5
- CB32-I-SKO-LSECT-PCB
- CB32-I-SKO-DKSLB-BLIST-PCB
- CB32-I-SKO-PCB-II-100
- CB32-I-SKO-PCB-J-145-1
- CB32-I-SKO-PCB-J-145-2
- CB32-I-SKO-DIA-ABUT-PC4
- CB32-I-SKO-DIA-INTPR-PCB
- CB32-I-SKO-BRG-PC4
- CB32-I-SKO-BRG-PC5
- CB32-I-SKO-SPR-QUAN-PCB-1
- CB32-I-SKO-SPR-QUAN-PCB-2
- CB32-I-SKO-AS
- CB26..32-I-SKO-WING-PC4
- CB26..32-I-SKO-ABUT-MISC
- CB26..32-C..I-SKO..30-PCB-DTL-1
- CB26..32-C..I-SKO..30-PCB-DTL-2
- CB26..32-C..I-SKO..30-GRAU-BC

REQUIRED SHEETS FROM THE ODOT "STATE" BRIDGE STANDARD DRAWINGS:

- TR3-2
- HP1-2

REQUIRED SHEETS FROM THE ODOT ROADWAY STANDARD DRAWINGS:

- PUD-3
- GRH1-1
- GRH2-1
- GET-3

EXAMPLE NO. 4

BRIDGE PROPERTIES:

- 26' CLEAR ROADWAY
- INTEGRAL ABUTMENTS
- SKEWED 0°
- FOUR SPAN (50'-100'-100'-75')
- SPAN NOS. 1, 2, 3 AND 4 ARE ROLLED BEAM SPANS
- OPTIONAL APPROACH SLABS ARE NOT INCLUDED
- GUARDRAIL ANCHOR UNITS ARE TYPE D(BF) AND GET EXTRUDER TERMINAL

REQUIRED SHEETS FROM THE COUNTY BRIDGE STANDARD DRAWINGS:

- CB26-I-SKO-ABUT-RB-3050
- CB26-I-SKO-ABUT-RB-55100
- CB26-I-SKO-XSECT-RB
- CB26-I-SKO-LSECT-RB
- CB26-I-SKO-DKSLB-BLIST-RB
- CB26-I-SKO-RB-3050
- CB26-I-SKO-RB-5575
- CB26-I-SKO-RB-80100
- CB26-I-SKO-DIA-ABUT-RB-3050
- CB26-I-SKO-DIA-ABUT-RB-55100
- CB26-I-SKO-DIA-PR-RB
- CB26-I-SKO-DIA-INT-RB
- CB26-I-SKO-BRG-RB
- CB26-I-SKO-SPR-QUAN-RB
- CB26..32-I-SKO-WING-RB-3050
- CB26..32-I-SKO-WING-RB-55100
- CB26..32-I-SKO-ABUT-MISC
- CB26..32-C..I-SKO..30-RB-BRACING
- CB26..32-C..I-SKO..30-GRAU-BC

REQUIRED SHEETS FROM THE ODOT "STATE" BRIDGE STANDARD DRAWINGS:

- TR3-2
- HP1-2

REQUIRED SHEETS FROM THE ODOT ROADWAY STANDARD DRAWINGS:

- PUD-3
- GRH1-1
- GRH2-1
- GET-3

APPROVED BY BRIDGE ENGINEER	<i>Robert J. Dusch</i>	DATE	9-9-2011
OKLAHOMA DEPARTMENT OF TRANSPORTATION COUNTY BRIDGE STANDARD (ENGLISH)			
GENERAL INFORMATION FOR COUNTY BRIDGE STANDARD DRAWINGS (SHEET NO. 2 OF 2)			
2009 SPECIFICATIONS	CB-INFO-GENERAL-2	01E	CB-110E