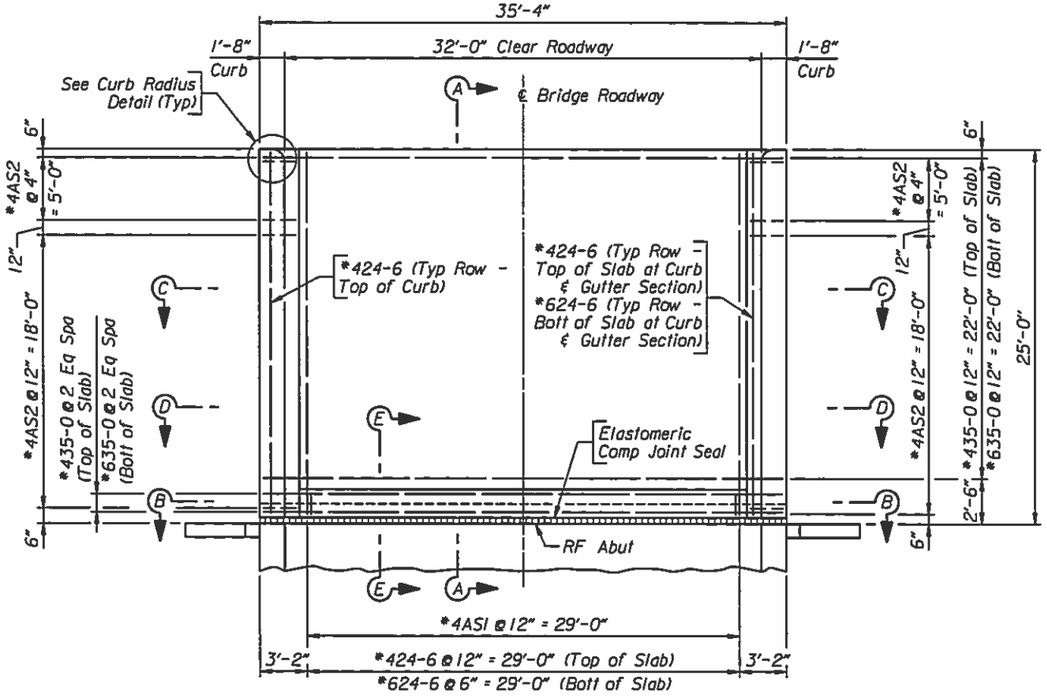
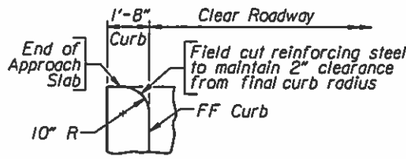
Wyo. Proj. 1500006
Sheet B17 of B25 Sheets

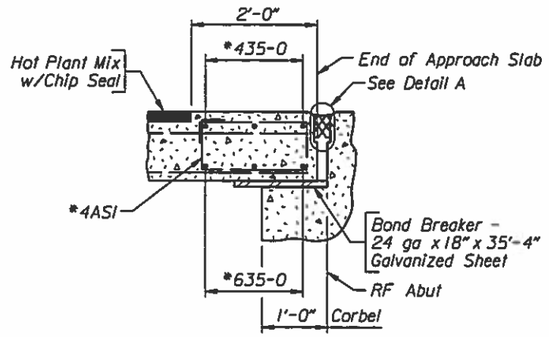


PLAN

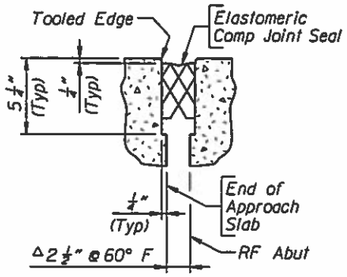
(Abutment No. 1 shown, Abutment No. 2 similar)



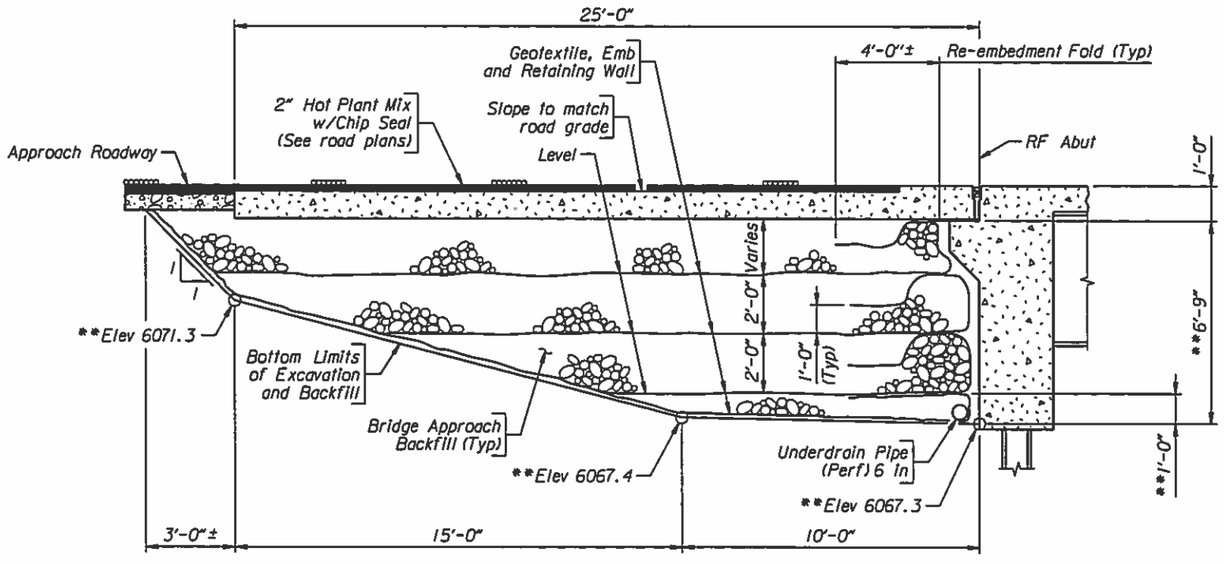
CURB RADIUS DETAIL



SECTION E-E



DETAIL A



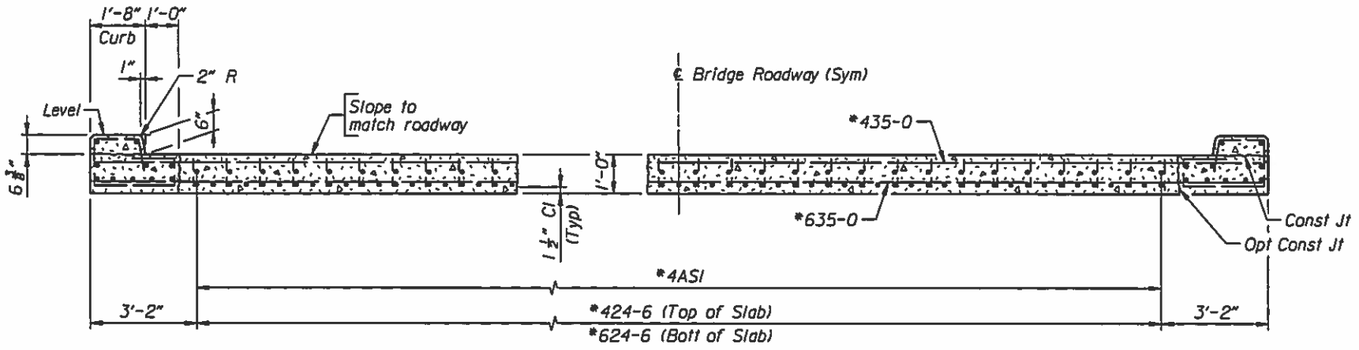
SECTION A-A

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
△2) Increase the opening between rear face abutment and end of approach slab 1/16" for each 10° F below 60° F and decrease the opening 1/16" for each 10° F above 60° F. Account for variance in the opening in approach slab forming.
3) Extend compression joint seal up front face and across top of sidewalks.
5) For Bridge Railing Details, see Sheets No. 12 and 13.
6) For Sections B-B, C-C, and D-D, see Sheet No. 18.

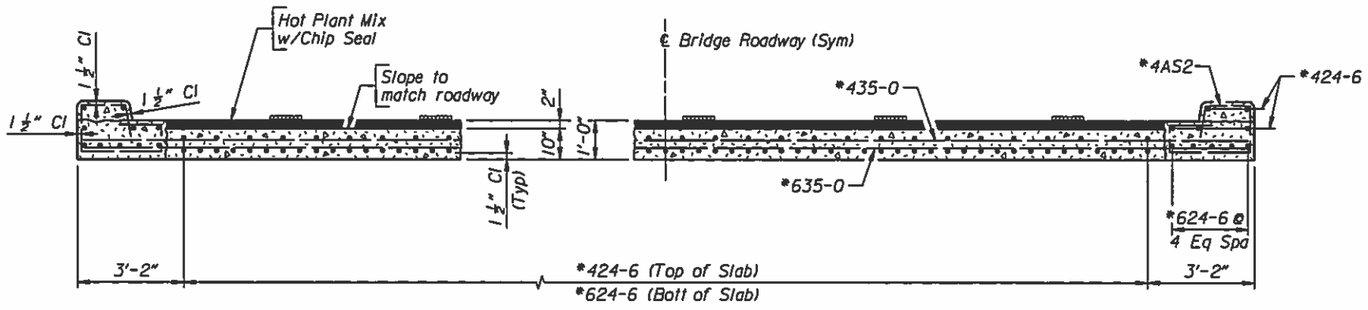
WYOMING DEPARTMENT OF TRANSPORTATION BRIDGE PROGRAM		
REVISIONS	APPROACH SLAB DETAILS BRIDGE OVER WOOD RIVER STA 320+18 Meeteetse - Pitchfork Road (WYO 290) 1500006 Pa	
APPROVED DATE	DESIGN ___ ✓ ___ DETAIL BBB ✓ DDD QTS. BBB ✓ AAA	Design Section L M Nop Drwg. No. 0001 Sheet 17 of 18

1500006_1ap1.dgn

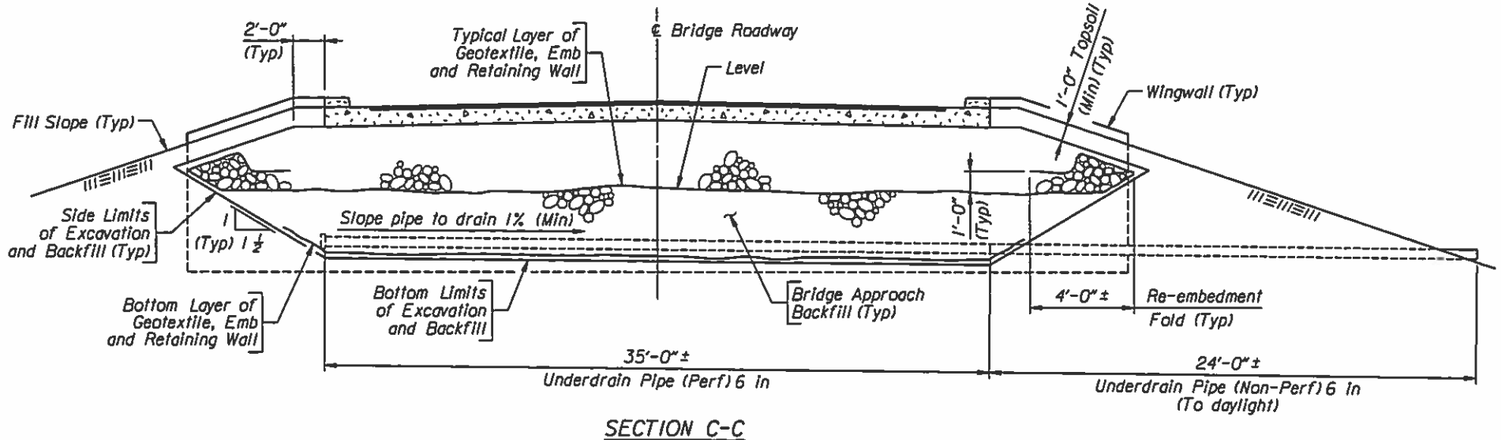
Wyo. Proj. 1500006
Sheet B18 of B25 Sheets



SECTION B-B
(Showing typical curb and gutter dimensions)



SECTION D-D
(Showing typical curb and gutter reinforcing steel)

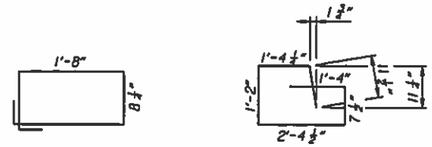


SECTION C-C

BILL OF REINFORCEMENT

Location	Mark	Number Required Per Approach Slab
Approach Slab and Curbs	*4AS1	30
	*4AS2	70
	*424-6	40
	*435-0	26
	*624-6	69
	*635-0	26
	‡ **Weight	*5645 LB

Bending Diagrams



Note: 1) Ensure the reinforcing steel fabricator prefixes bar marks this sheet with numeral 6 at Abutment No. 1 and numeral 7 at Abutment No. 2.
‡ 2) Approach slab reinforcing steel is not included in the quantity of reinforcing steel.
3) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
4) For locations of Sections B-B, C-C, and D-D, see Sheet No. 17.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

BRIDGE OVER WOOD RIVER
STA 320+18
Meeteetse - Pitchfork Road
(WYO 290)

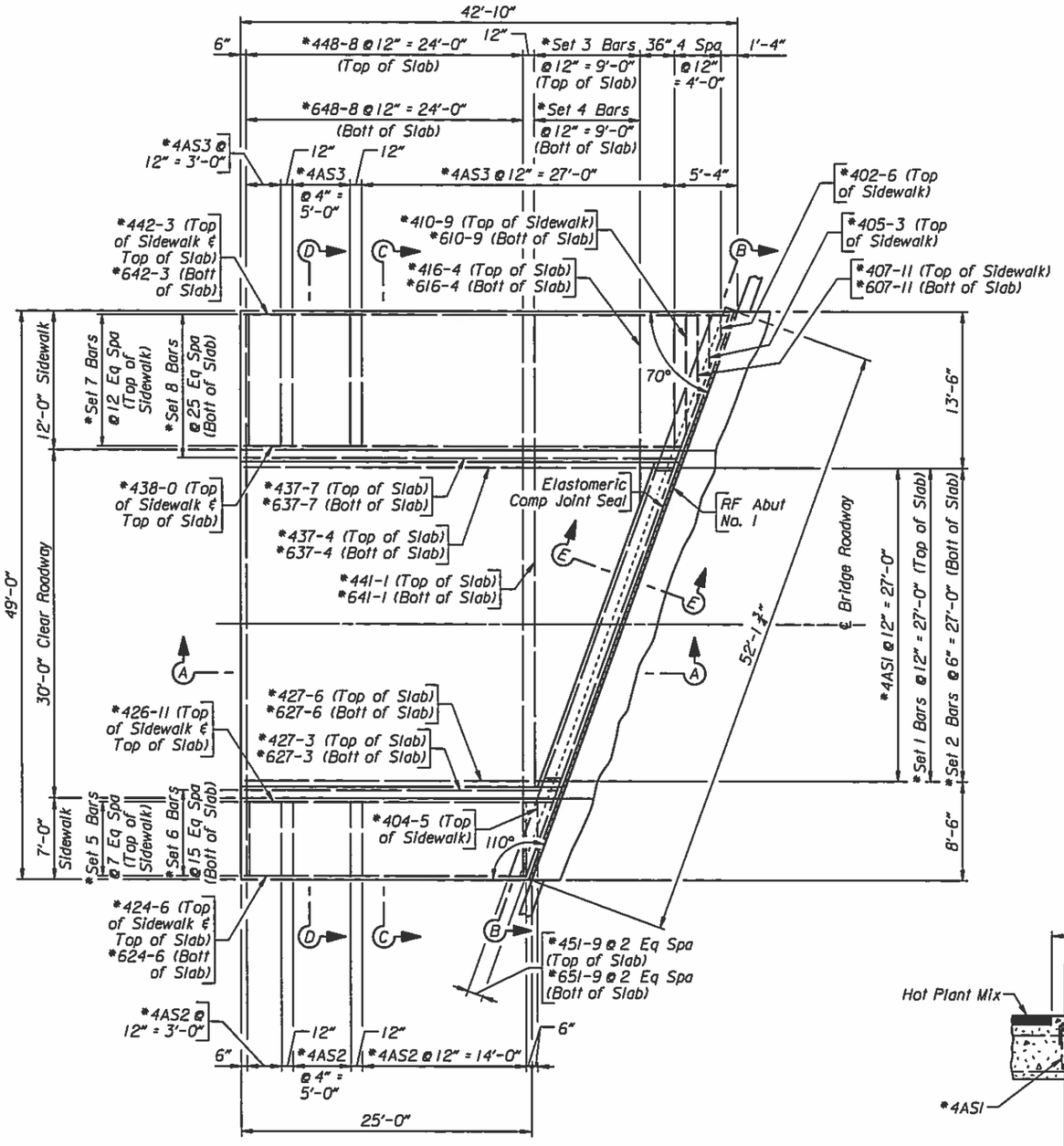
1500006 Pa

APPROVED
DATE

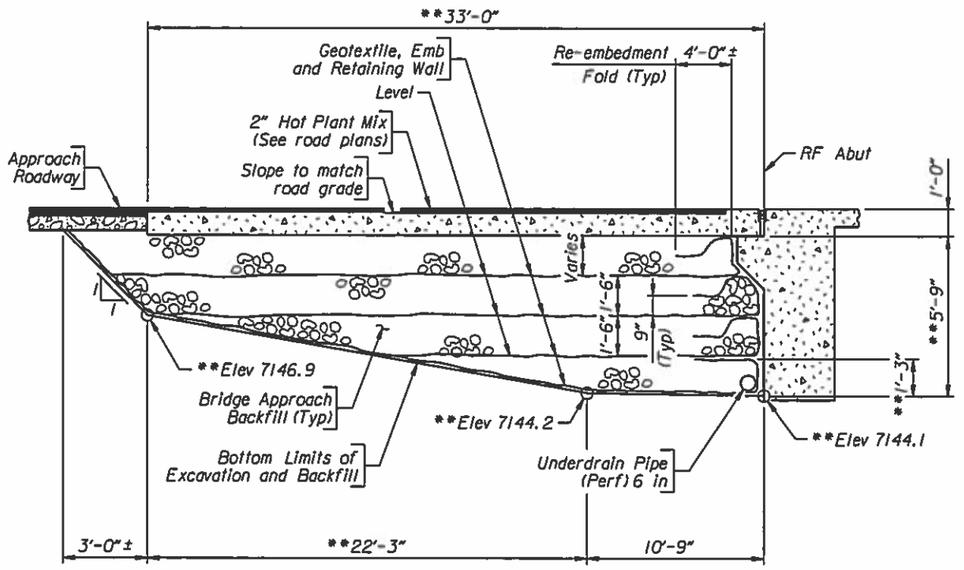
DESIGN ___ ✓ ___
DETAIL BBB ✓ DDD
QC's BBB ✓ AAA

Design Section L M Nop
Drwg. No. 0001 | Sheet 18 of 18

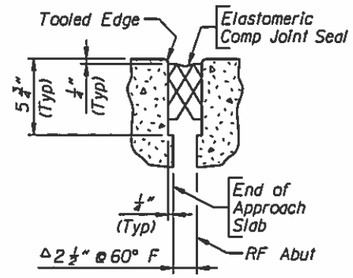
1500006_1ap2.dgn



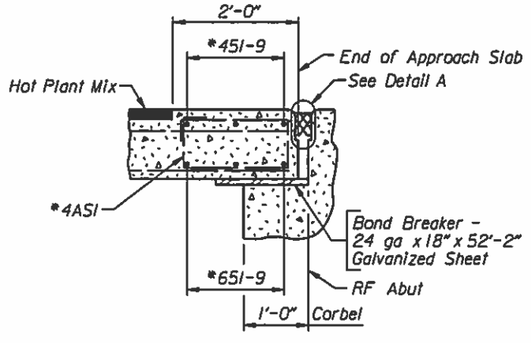
PLAN



SECTION A-A



DETAIL A



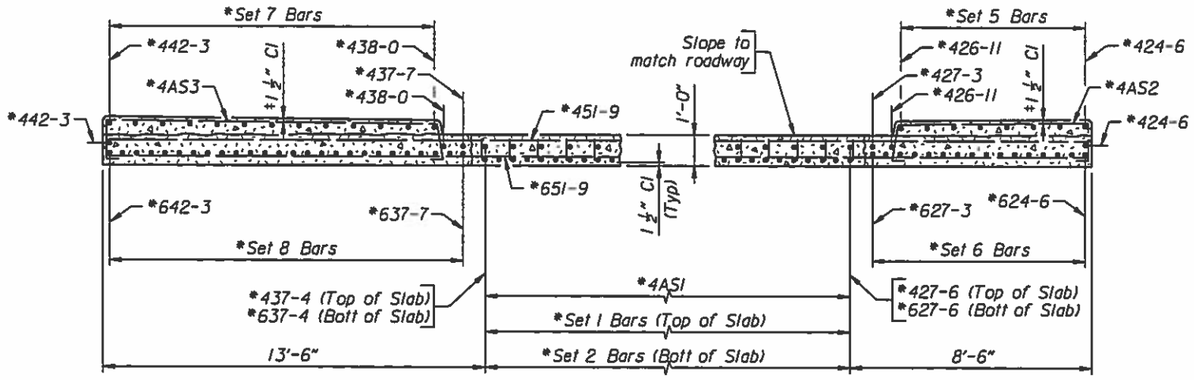
SECTION E-E

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
△2) Increase the opening between rear face abutment and end of approach slab 1/16" for each 10° F below 60° F and decrease the opening 1/16" for each 10° F above 60° F. Account for variance in the opening in approach slab forming.
3) Extend compression joint seal up front face and across top of sidewalks.
5) For Bridge Railing Details, see Sheets No. 16 and 17.
6) For Sections B-B, C-C, and D-D, see Sheet No. 24.

ABUT NO. 1

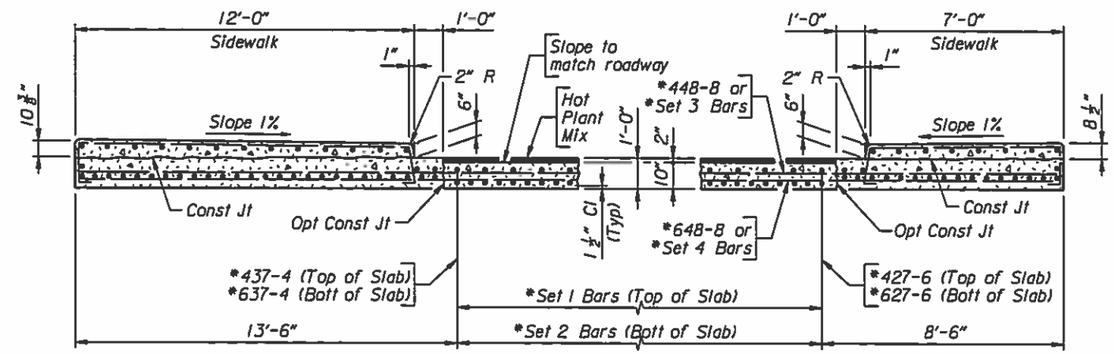
WYOMING DEPARTMENT OF TRANSPORTATION BRIDGE PROGRAM		
REVISIONS	APPROACH SLAB DETAILS BRIDGE OVER LARAMIE RIVER STA 7+10 Garfield Street in Laramie OC05065 A1	
APPROVED DATE	DESIGN ___ ✓ ___ DETAIL JJJ ✓ HHH O'S. JJJ ✓ LLL	Design Section Q R Stuv Drwg. No. 0002 Sheet 23 of 26

OC05065_1ap1.dgn



SECTION B-B

(Showing typical sidewalk and gutter reinforcing steel)
(Dimensions are perpendicular to ℄ Bridge Roadway)

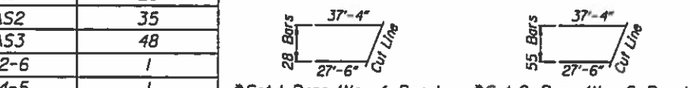


SECTION D-D

(Showing typical sidewalk and gutter dimensions)

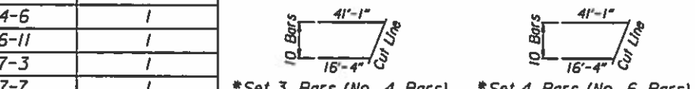
BILL OF REINFORCEMENT

Location	Mark	Number Required	Set Diagrams
Approach Slab and Sidewalks	*4AS1	28	
	*4AS2	35	
	*4AS3	48	
	*402-6	1	
	*404-5	1	
	*405-3	1	
	*407-11	1	
	*410-9	1	
	*424-6	1	
	*426-11	1	
	*427-3	1	
	*437-7	1	
	*438-0	1	
	*442-3	1	
	*448-8	25	
	*451-9	3	
	*Set 1 Bars	1	
	*Set 3 Bars	1	
	*Set 5 Bars	1	
	*Set 7 Bars	1	
	*607-11	1	
	*610-9	1	
	*648-8	25	
	*651-9	3	
	*Set 2 Bars	1	
	*Set 4 Bars	1	
	*Set 6 Bars	1	
	*Set 8 Bars	1	
	¤*Weight	*10,561 LB	



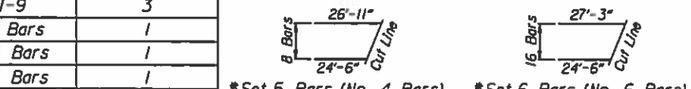
*Set 1 Bars (No. 4 Bars) (Avg length = 32'-5")

*Set 2 Bars (No. 6 Bars) (Avg length = 32'-5")



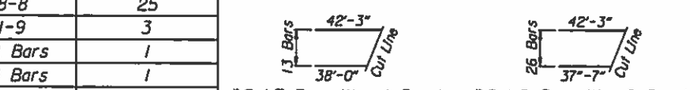
*Set 3 Bars (No. 4 Bars) (Avg length = 28'-8½")

*Set 4 Bars (No. 6 Bars) (Avg length = 28'-8½")



*Set 5 Bars (No. 4 Bars) (Avg length = 25'-8½")

*Set 6 Bars (No. 6 Bars) (Avg length = 25'-10½")

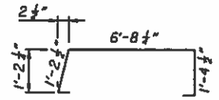


*Set 7 Bars (No. 4 Bars) (Avg length = 40'-1½")

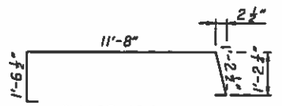
*Set 8 Bars (No. 6 Bars) (Avg length = 39'-11")

Bending Diagrams

*4AS1 (Tie) (5'-9")



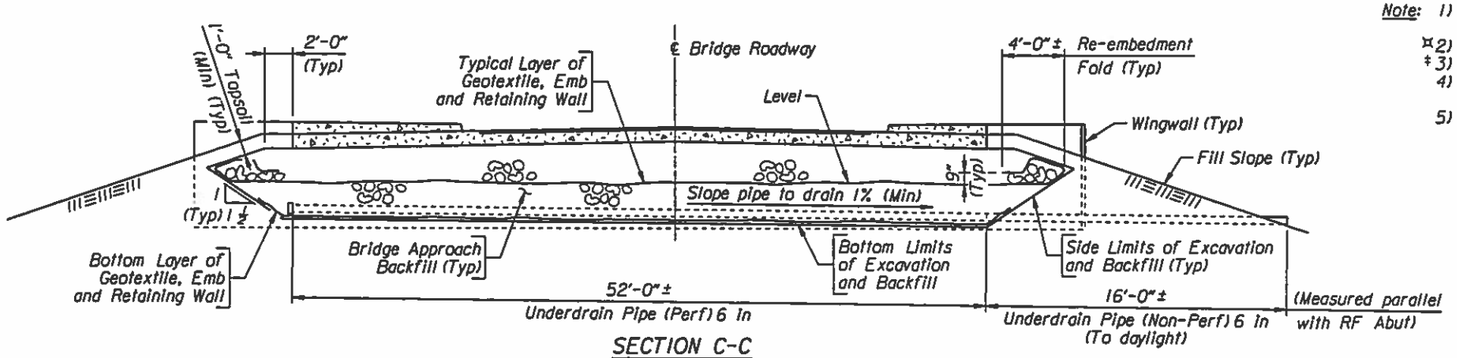
*4AS2 (Stirrup) (10'-1")



*4AS3 (Stirrup) (15'-2")

Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar marks with numeral 6 for Abutment No. 1.
¤2) Approach slab reinforcing steel is not included in the quantity of reinforcing steel.
‡3) 1½" clearance is typical at top and sides of sidewalks.
4) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
5) For locations of Sections B-B, C-C, and D-D, see Sheet No. 23.

ABUT NO. 1



SECTION C-C

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROVED

DATE

APPROACH SLAB DETAILS

BRIDGE OVER LARAMIE RIVER

STA 7+10

Garfield Street in Laramie

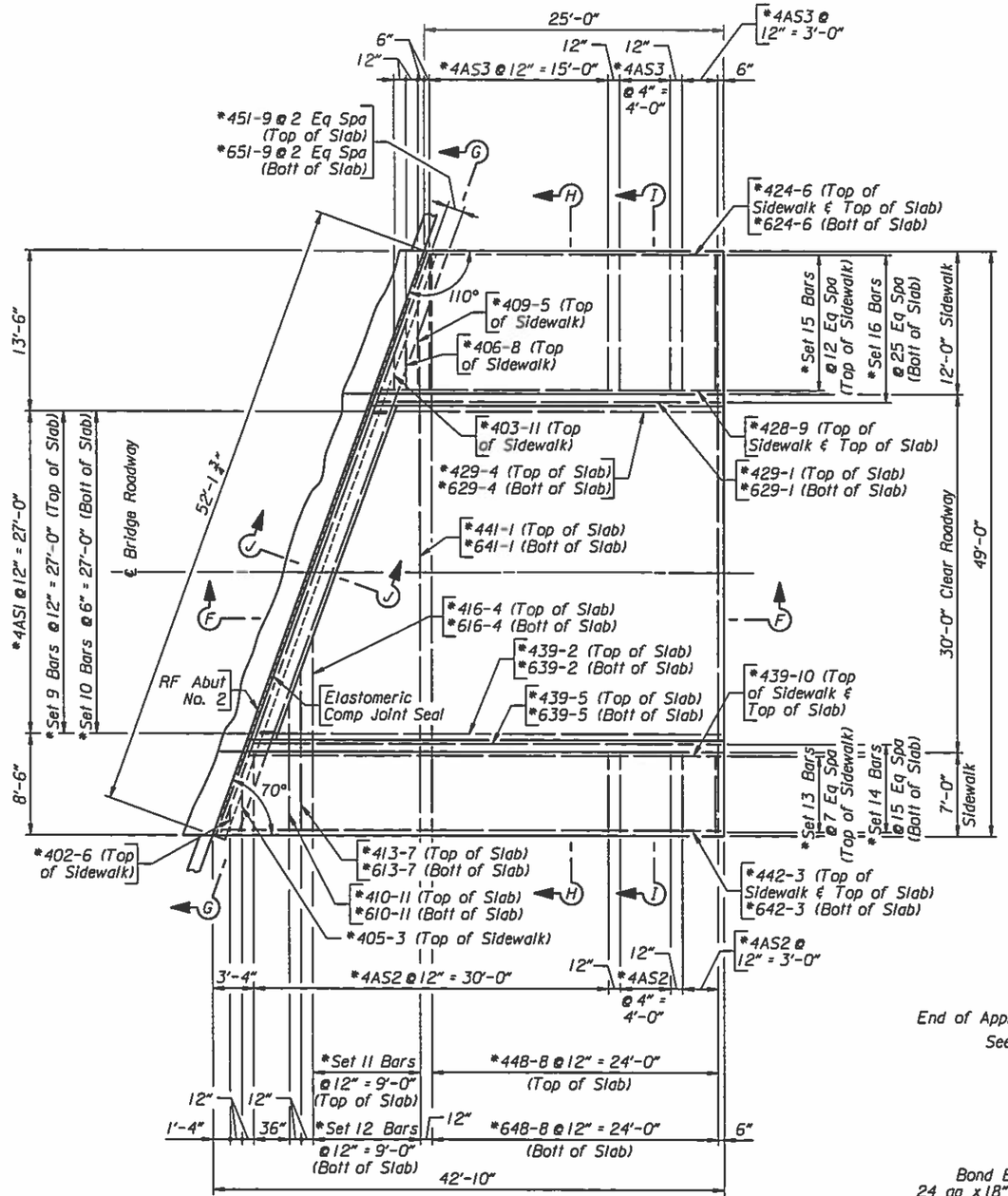
OC05065 A1

DESIGN	___ ✓ ___	Design Section Q R Stuv
DETAIL	JJJ ✓ HHH	
QTS.	JJJ ✓ LLL	Drwg. No. 0002 Sheet 24 of 26

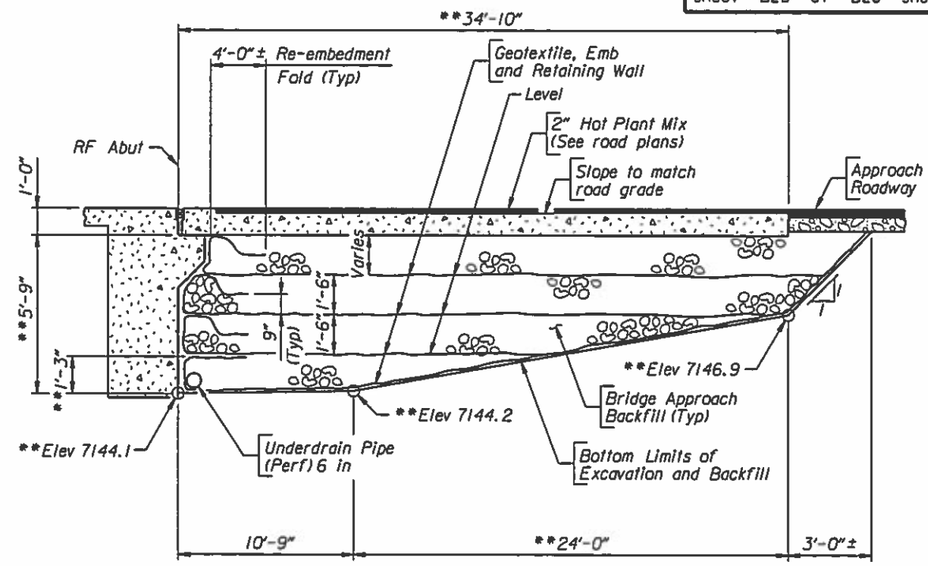
OC05065_1ap2.dgn

Wyo. Proj. OC05065

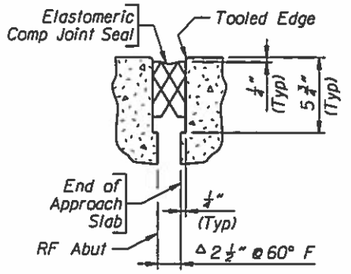
Sheet B25 of B28 Sheets



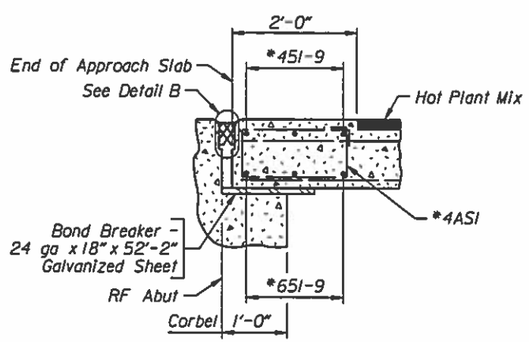
PLAN



SECTION F-F



DETAIL B



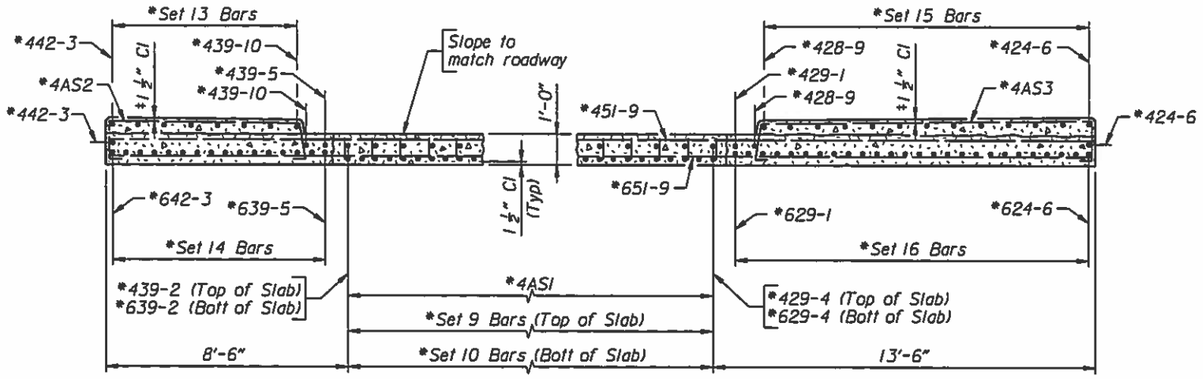
SECTION J-J

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
△2) Increase the opening between rear face abutment and end of approach slab 1/16" for each 10° F below 60° F and decrease the opening 1/16" for each 10° F above 60° F. Account for variance in the opening in approach slab forming.
3) Extend compression joint seal up front face and across top of sidewalks.
5) For Bridge Railing Details, see Sheets No. 16 and 17.
6) For Sections B-B, C-C, and D-D, see Sheet No. 26.

ABUT NO. 2

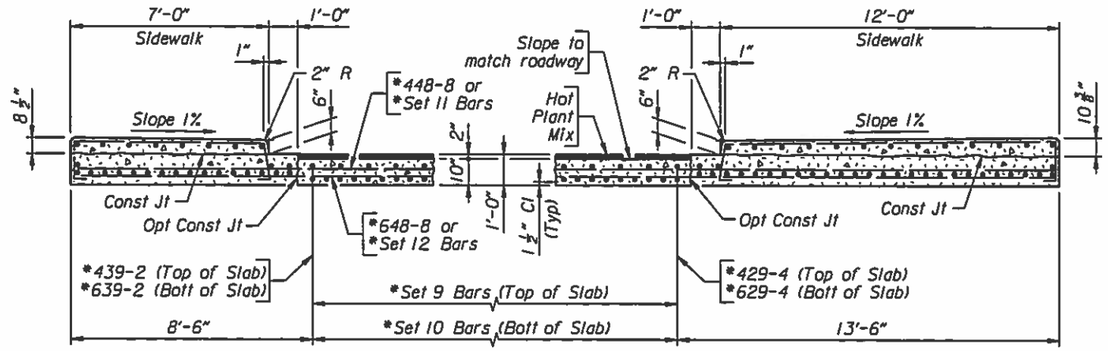
WYOMING DEPARTMENT OF TRANSPORTATION BRIDGE PROGRAM		
REVISIONS	APPROACH SLAB DETAILS	
	BRIDGE OVER LARAMIE RIVER	
	STA 7+10	
	Garfield Street in Laramie	
	OC05065	A1
APPROVED	DESIGN ___ ✓ ___	Design Section Q R Stuv
DATE	DETAIL JJJ ✓ HHH	
	QTS. JJJ ✓ LLL	Drwg. No. 0002 Sheet 25 of 26

OC05065_1ap3.dgn



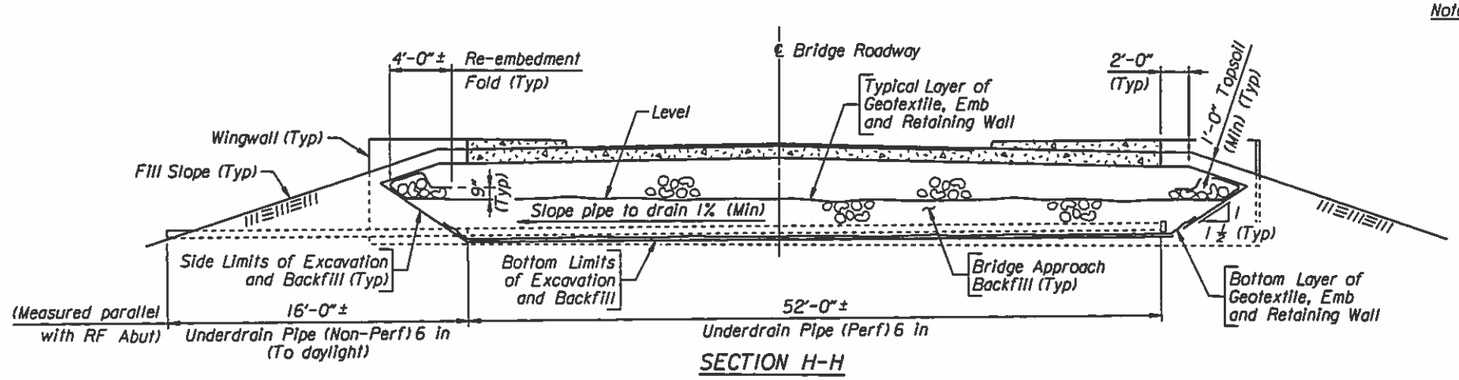
SECTION G-G

(Showing typical sidewalk and gutter reinforcing steel)
(Dimensions are perpendicular to ℄ Bridge Roadway)



SECTION I-I

(Showing typical sidewalk and gutter dimensions)



SECTION H-H

Wyo. Proj. OC05065

Sheet B26 of B28 Sheets

BILL OF REINFORCEMENT

Location	Mark	Number Required	Set Diagrams
Approach Slab and Sidewalks	*4AS1	28	
	*4AS2	50	
	*4AS3	35	
	*402-6	1	
	*403-11	1	
	*405-3	1	
	*406-8	1	
	*409-5	1	
	*410-11	1	
	*413-7	1	
	*424-6	1	
	*428-9	1	
	*429-1	1	
	*439-5	1	
	*439-10	1	
	*442-3	1	
	*448-8	25	
	*451-9	3	
	*Set 9 Bars	1	
	*Set 11 Bars	1	
	*Set 13 Bars	1	
	*Set 15 Bars	1	
	*610-11	1	
	*613-7	1	
	*648-8	25	
	*651-9	3	
	*Set 10 Bars	1	
	*Set 12 Bars	1	
	*Set 14 Bars	1	
	*Set 16 Bars	1	
	¤ *Weight	*10,555 LB	

28 Bars, 39'-2", 29'-4" Cut Line
*Set 9 Bars (No. 4 Bars)
(Avg length = 34'-3")

55 Bars, 39'-2", 29'-4" Cut Line
*Set 10 Bars (No. 6 Bars)
(Avg length = 34'-3")

10 Bars, 41'-1", 16'-4" Cut Line
*Set 11 Bars (No. 4 Bars)
(Avg length = 28'-8½")

10 Bars, 41'-1", 16'-4" Cut Line
*Set 12 Bars (No. 6 Bars)
(Avg length = 28'-8½")

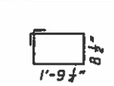
8 Bars, 42'-3", 39'-10" Cut Line
*Set 13 Bars (No. 4 Bars)
(Avg length = 41'-0½")

16 Bars, 42'-3", 39'-5" Cut Line
*Set 14 Bars (No. 6 Bars)
(Avg length = 40'-10")

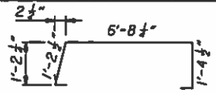
13 Bars, 28'-9", 24'-6" Cut Line
*Set 15 Bars (No. 4 Bars)
(Avg length = 26'-7½")

26 Bars, 29'-1", 24'-6" Cut Line
*Set 16 Bars (No. 6 Bars)
(Avg length = 26'-9½")

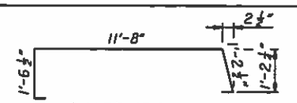
Bending Diagrams



*4AS1 (Tie)
(5'-9")



*4AS2 (Stirrup)
(10'-1")



*4AS3 (Stirrup)
(15'-2")

Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar marks with numeral 7 for Abutment No. 2.
¤ 2) Approach slab reinforcing steel is not included in the quantity of reinforcing steel.
‡ 3) 1½" clearance is typical at the top and sides of sidewalks.
4) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
5) For locations of Sections B-B, C-C, and D-D, see Sheet No. 25.

ABUT NO. 2

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROVED

DATE

APPROACH SLAB DETAILS

BRIDGE OVER LARAMIE RIVER

STA 7+10

Garfield Street in Laramie

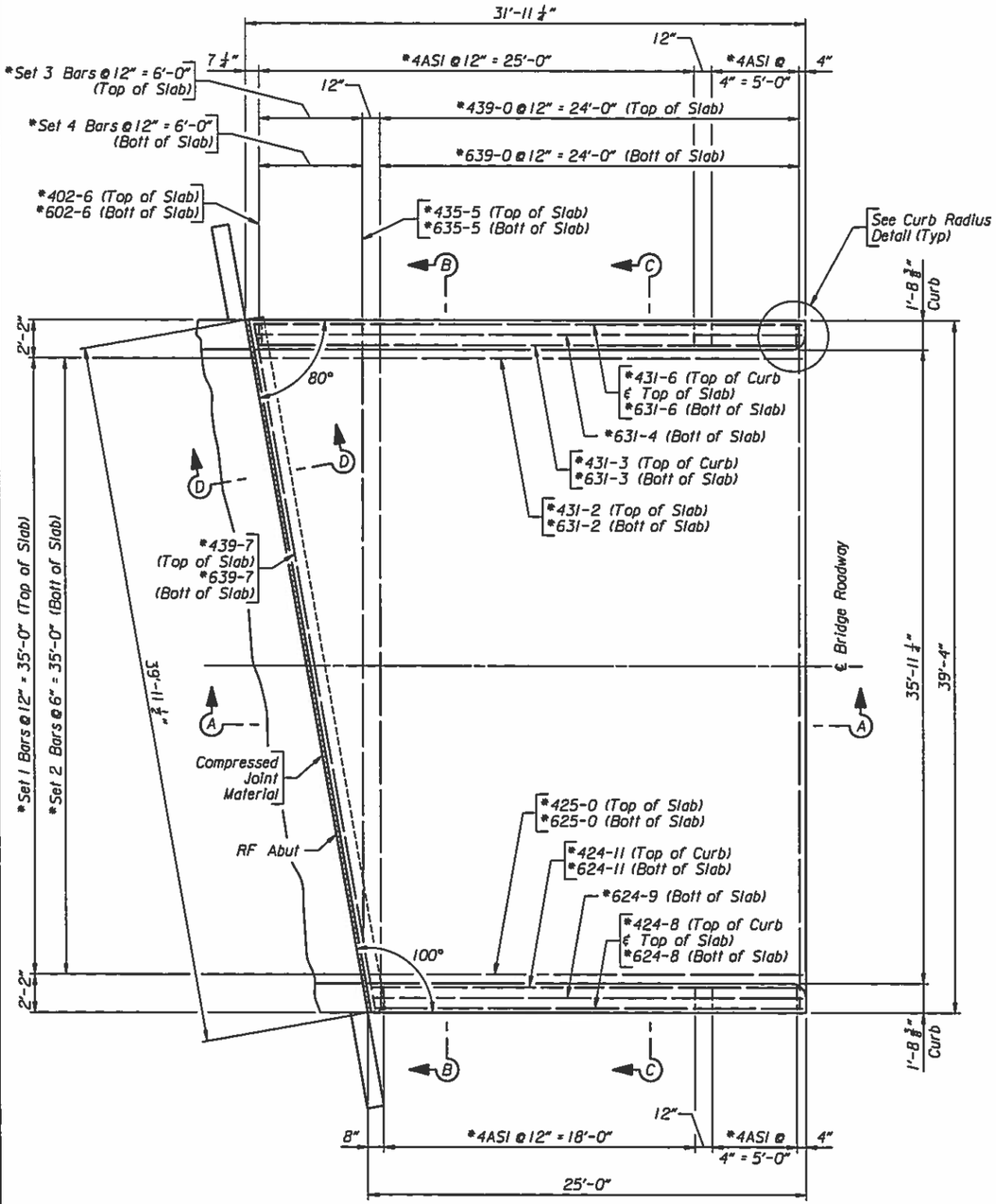
OC05065 A1

DESIGN — ✓ —
DETAIL JJJ ✓ HHH
QA'S. JJJ ✓ LLL

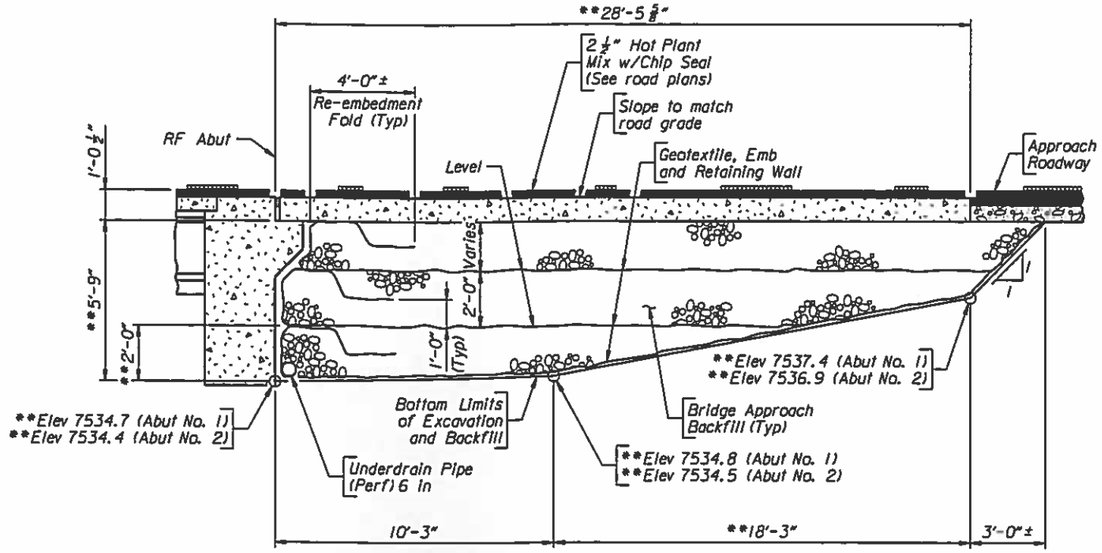
Design Section Q R Stuv

Drwg. No. 0002 | Sheet 26 of 26

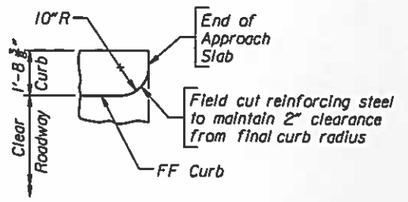
OC05065_1ap4.dgn



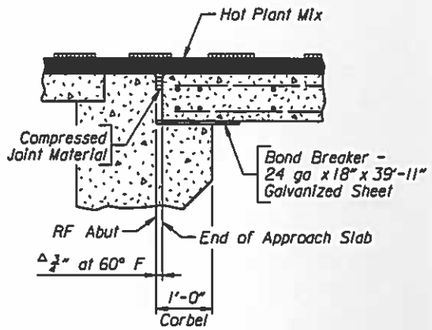
PLAN
(Abut No. 2 shown, Abut No. 1 similar)



SECTION A-A



CURB RADIUS DETAIL



SECTION D-D

Note: 1) Elevations and dimensions preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
△2) Increase the opening between rear face abutment and end of approach slab 1/16" for each 10° F below 60° F and decrease the opening 1/16" for each 10° F above 60° F. Account for variance in the opening in approach slab forming.
3) Extend compressed joint material up front face and across top of curbs.
4) For Bridge Railing Details, see Sheets No. 13 and 14.
5) For Sections B-B and C-C, see Sheet No. 16.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS	APPROACH SLAB DETAILS
	BRIDGE OVER MILL CREEK
	STA 1066+95
	Evanston South
	State Line North Section
	2100020 UI

APPROVED / DATE	DESIGN — ✓ —	Design Section Q R Stuv
	DETAIL LLL ✓ 000	
	CKS. LLL ✓ HHH	Drwg. No. 0004 Sheet 15 of 16

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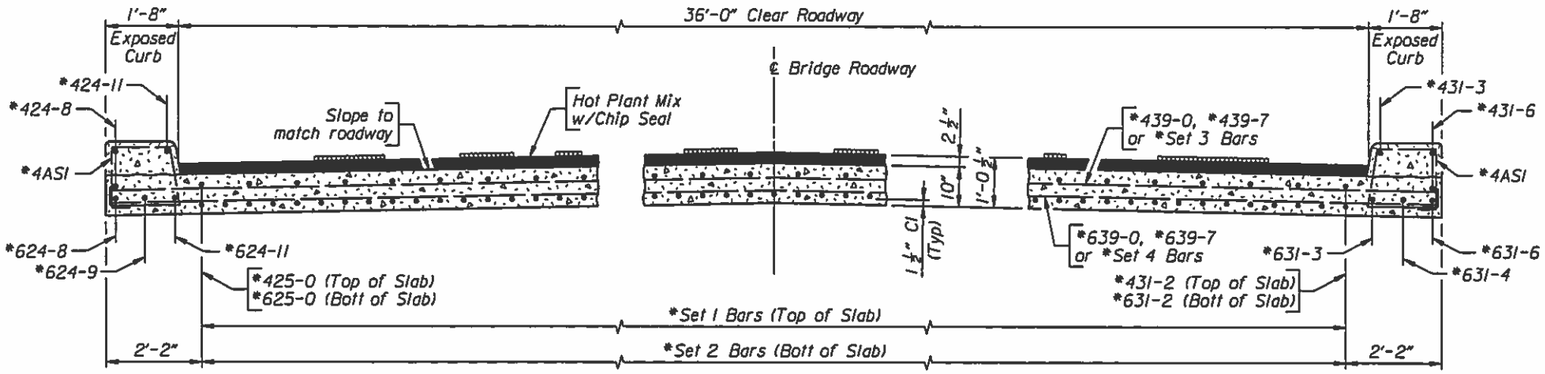
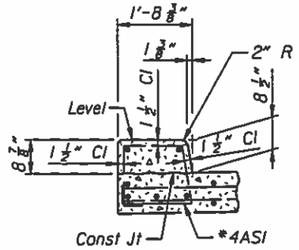
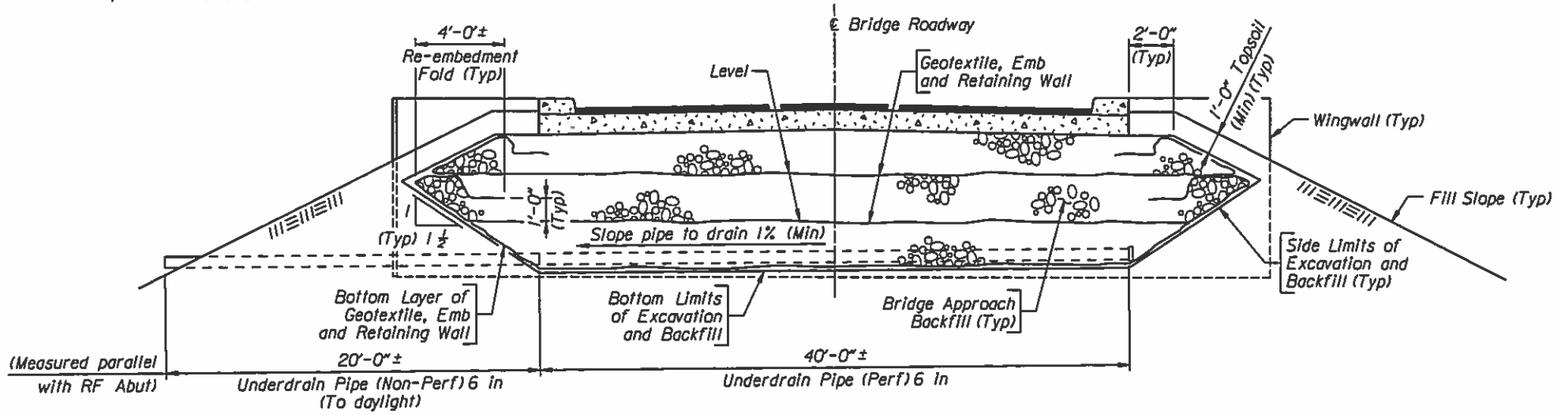


SECTION B-B



TYPICAL CURB DETAIL
(Hot plant mix not shown)



SECTION C-C

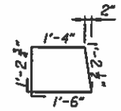
Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar marks at Abutment No. 1 with numeral 4 and at Abutment No. 2 with numeral 5.
‡2) Approach slab reinforcing steel is not included in the quantity of reinforcing steel.
3) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
4) For locations of Sections B-B and C-C, see Sheet No. 15.

Wyo. Proj. 2100020
Sheet B22 of B25 Sheets

BILL OF REINFORCEMENT

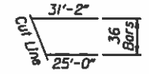
Location	Mark	Number Required Per Approach Slab
Approach Slab and Curbs	*4ASI	77
	*424-8	2
	*424-11	1
	*431-3	1
	*431-6	2
	*439-0	25
	*439-7	1
	*Set 1 Bars	1
	*Set 3 Bars	1
	*624-8	1
	*624-9	1
	*624-11	1
	*631-3	1
	*631-4	1
	*631-6	1
	*639-0	25
	*639-7	1
	*Set 2 Bars	1
	*Set 4 Bars	1
	‡ *Weight	*6839 LB

Bending Diagram

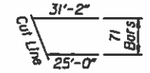


*4ASI (Tie)
(6'-1")

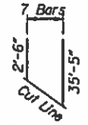
Set Diagrams



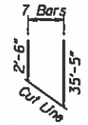
*Set 1 Bars (No. 4 Bars)
(Avg length = 28'-1")



*Set 2 Bars (No. 6 Bars)
(Avg length = 28'-1")



*Set 3 Bars (No. 4 Bars)
(Avg length = 18'-11 ½")



*Set 4 Bars (No. 6 Bars)
(Avg length = 18'-11 ½")

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROVED

DATE

APPROACH SLAB DETAILS
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Evanston South
State Line North Section
2100020 UI

DESIGN LLL ✓ DETAIL LLL ✓ QC'S

Design Section Q R Stuv
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