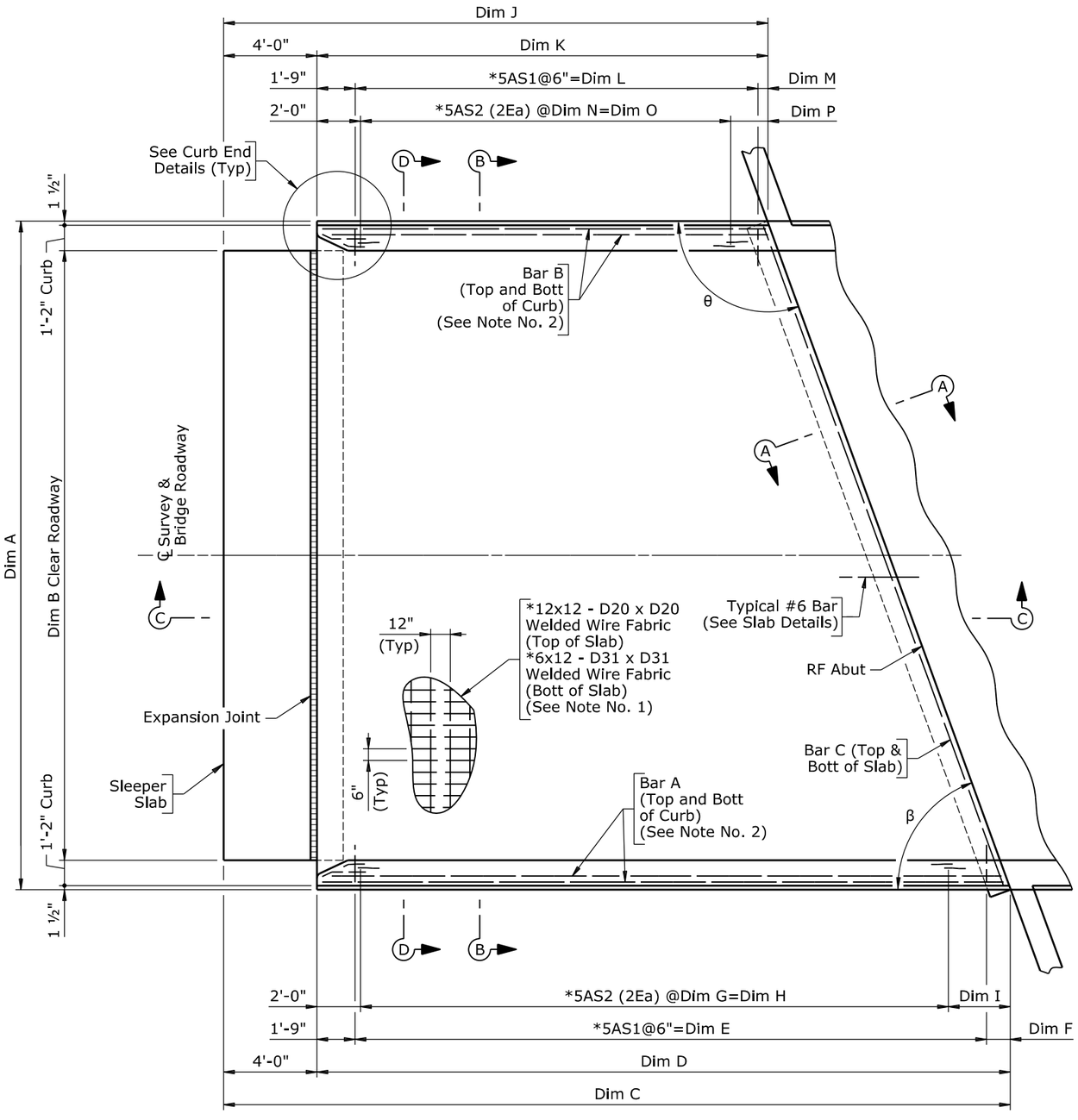
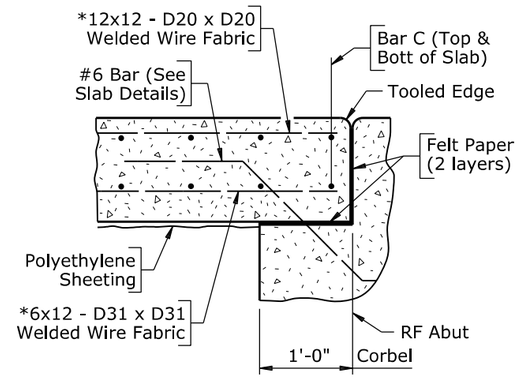
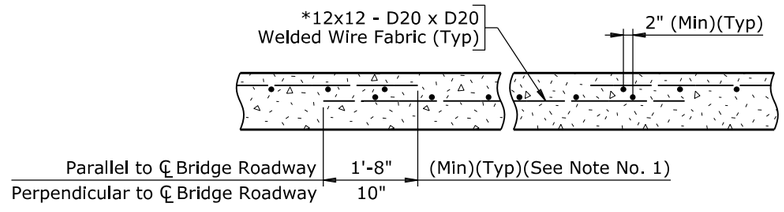


PLAN

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



SECTION A-A



WELDED WIRE FABRIC LAP DETAIL

(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

TABLE OF DIMENSIONS	
θ	X°
β	X°
Dim A	X'-X"
Dim B	X'-X"
Dim C	X'-X"
Dim D	X'-X"
Dim E	X'-X"
Dim F	X'-X"
Dim G	X'-X"
Dim H	X'-X"
Dim I	X'-X"
Dim J	25'-0"
Dim K	21'-0"
Dim L	X'-X"
Dim M	X"
Dim N	X'-X"
Dim O	X'-X"
Dim P	X'-X"

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Wire Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A and Bar B at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Curb End Details, see Sheet No. X.
7) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Left Skew MASH Approach_ap1

REVIEW I
APPROVAL I
DESIGN ___ ✓ ___
DETAIL X ✓ X
QTY'S X ✓ X

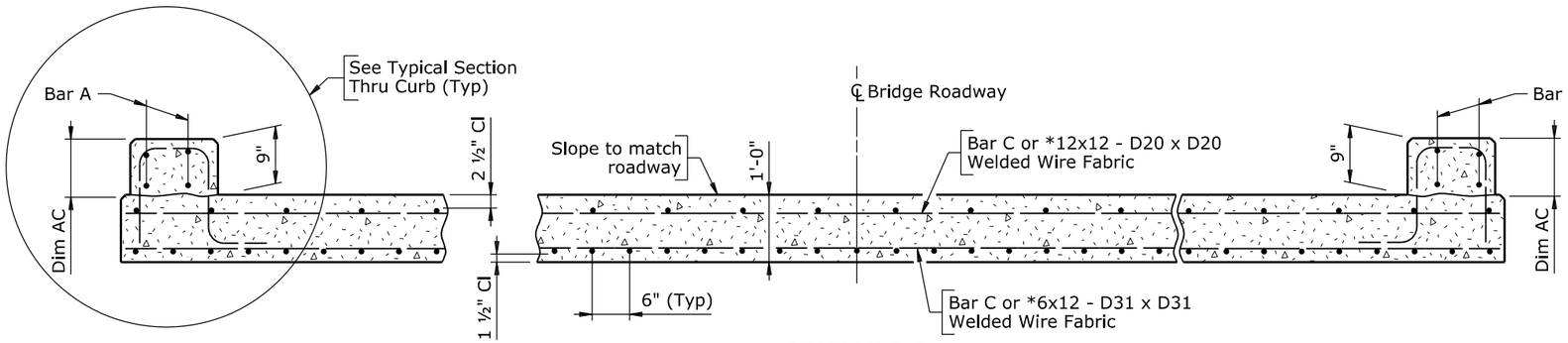
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

X_ap1.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

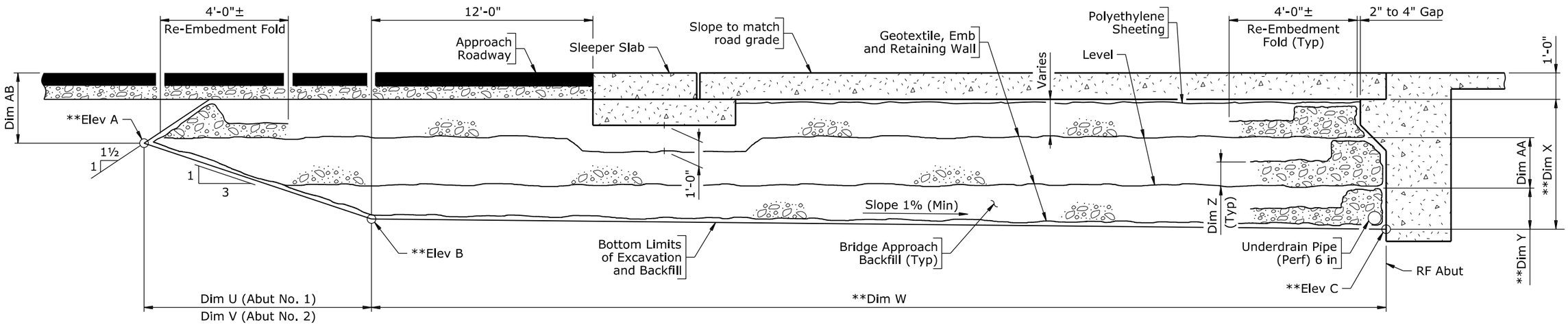


SECTION B-B

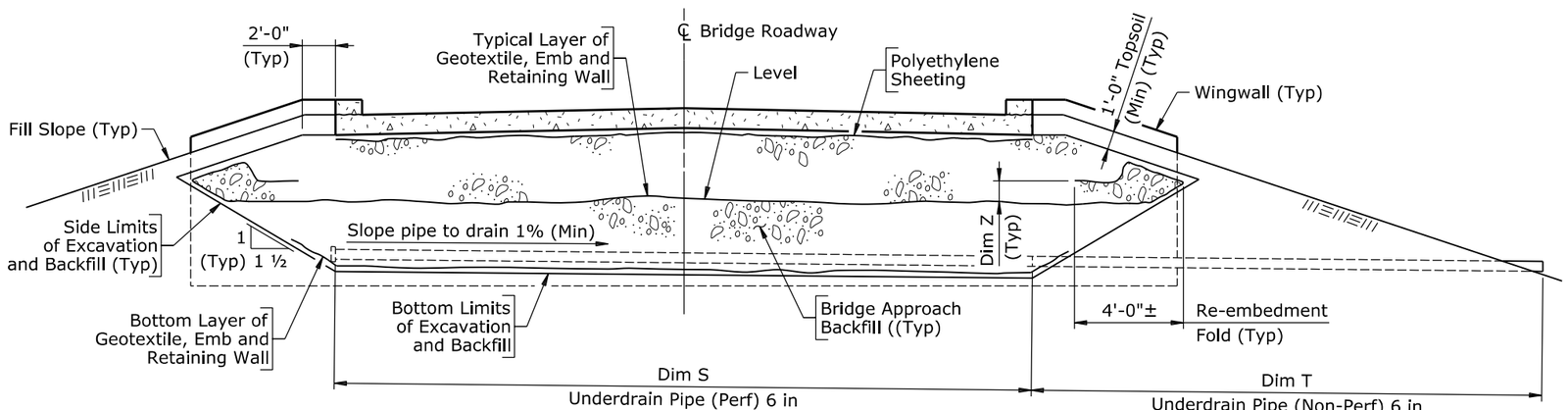
TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

TABLE OF DIMENSIONS	
Dim S	X'-X" ±
Dim T	X'-X" ±
Dim U	X'-X" ±
Dim V	X'-X" ±
**Dim W	X'-X"
**Dim X	X'-X"
**Dim Y	X'-X"
Dim Z	X"
Dim AA	X'-X"
Dim AB	3'-0"±
Dim AC	X"

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thur Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Left_MASH Approach_ap2

REVIEW		Design Section	X
APPROVAL		Drwg No.	X
DESIGN	✓	Sheet	X of X
DETAIL	X ✓ X		
QTY'S	X ✓ X		

Standard Sheet Dated 6-3-24

X_ap2.dgn

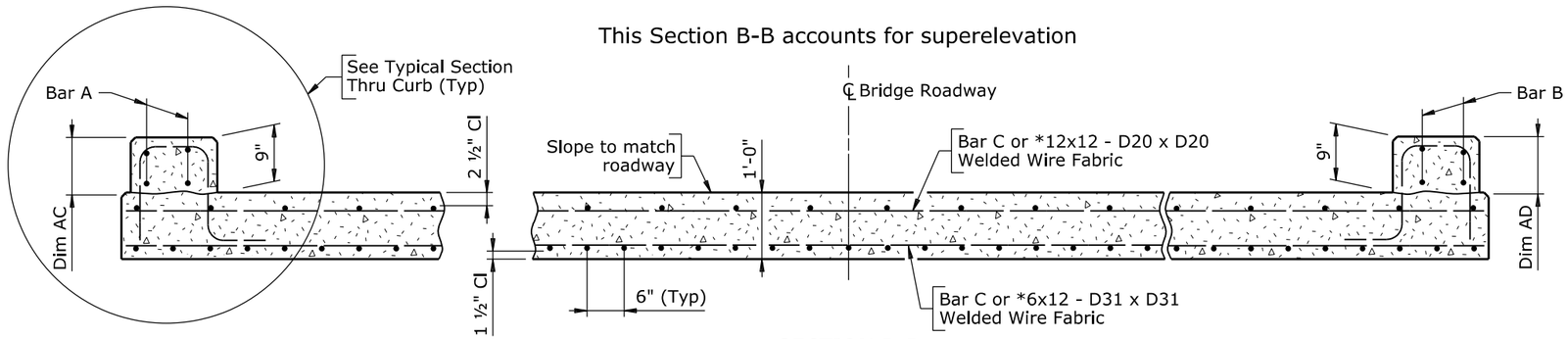
Wyo. Proj. X

Sheet BX of BX Sheets

TABLE OF DIMENSIONS	
Dim S	X'-X" ±
Dim T	X'-X" ±
Dim U	X'-X" ±
Dim V	X'-X" ±
Dim W	X'-X"
Dim X	X'-X"
Dim Y	X'-X"
Dim Z	X'-X"
Dim AA	X'-X"
Dim AB	3'-0"±
Dim AC	X"
Dim AD	X"

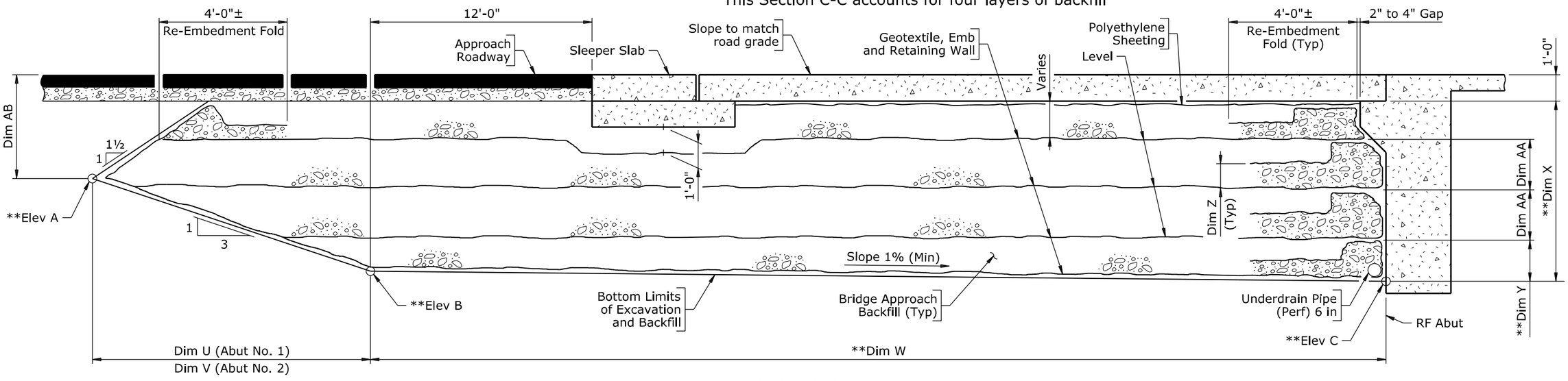
This table is for str with super elevation Add Dim AD to Outside Curb Height

This Section B-B accounts for superelevation

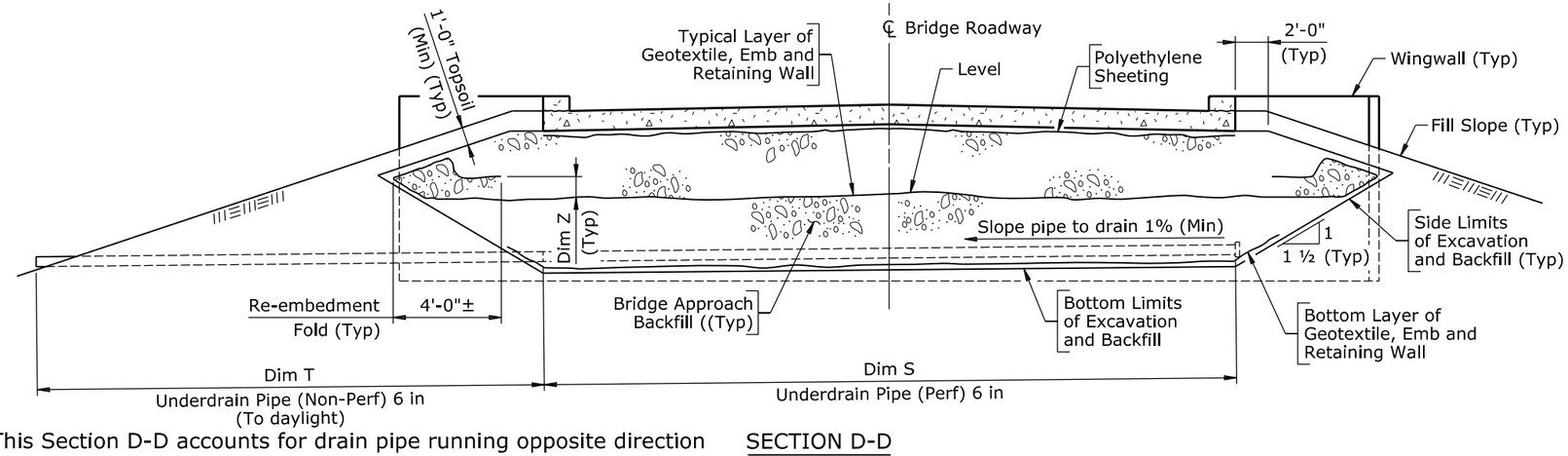


SECTION B-B

This Section C-C accounts for four layers of backfill



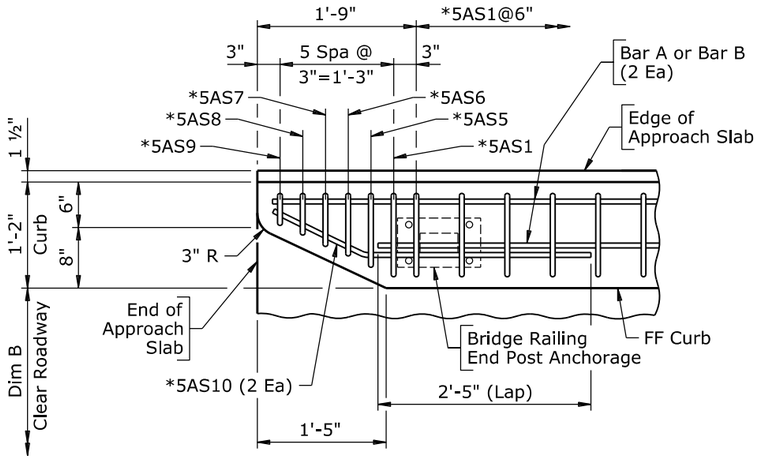
SECTION C-C



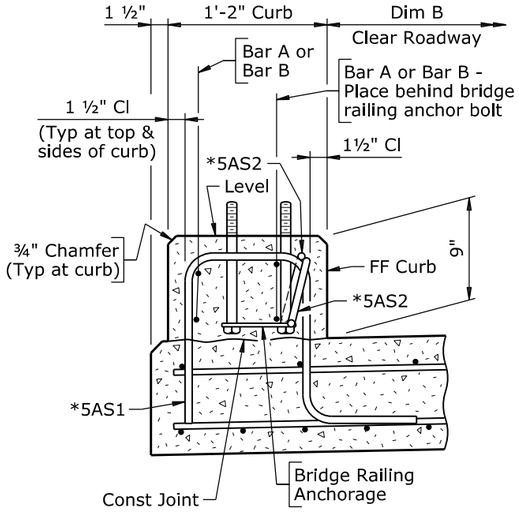
This Section D-D accounts for drain pipe running opposite direction SECTION D-D

Std_Left_MASH Approach_ap2

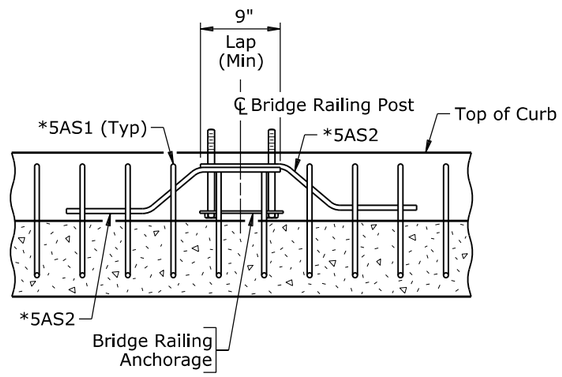
Standard Sheet Dated 6-3-24



PLAN
(*5AS2, *5AS3, and *5AS4 not shown)

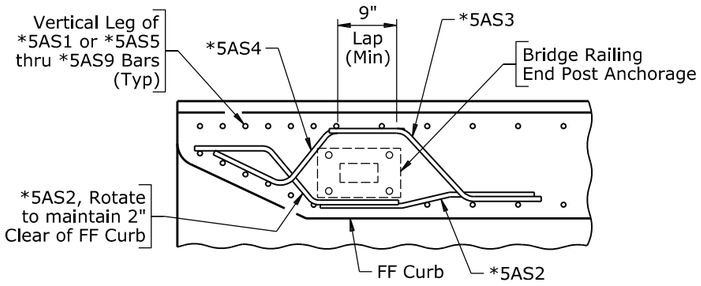


TYPICAL SECTION THRU CURB

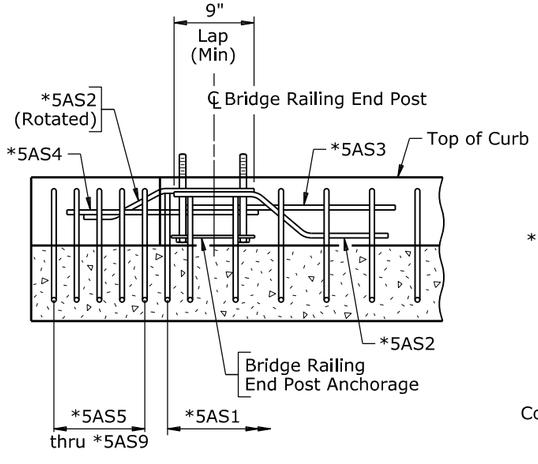


ELEVATION
(Looking at front face curb)

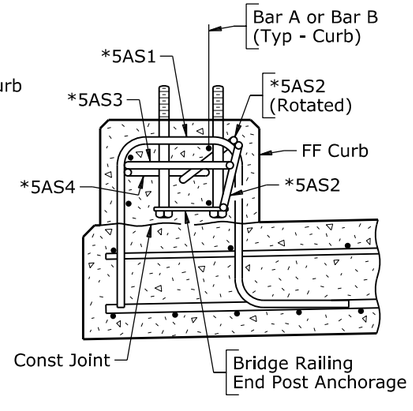
*5AS2 BAR PLACEMENT DETAILS



PLAN
(Bar A and Bar B not shown)



ELEVATION
(Looking at front face curb)
(Bar A and Bar B not shown)



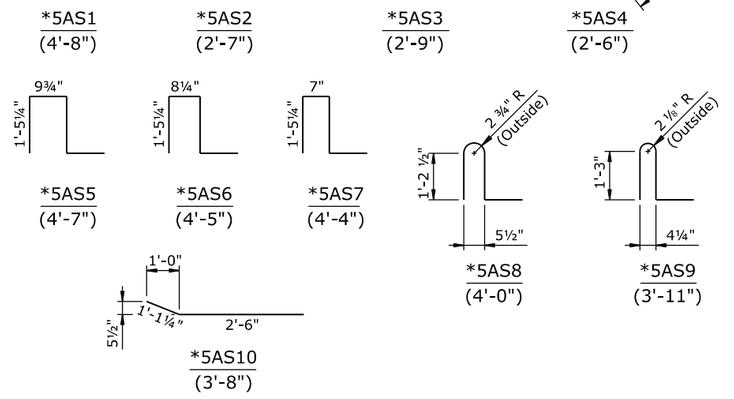
SECTION

CURB END DETAILS

BILL OF REINFORCEMENT

Location	Mark		Number Req'd Per Approach Slab	
Approach Slab and Curbs	*5AS1		X	
	*5AS2		X	
	*5AS3		2	
	*5AS4		2	
	*5AS5		2	
	*5AS6		2	
	*5AS7		2	
	*5AS8		2	
	*5AS9		2	
	*5AS10		4	
	Bar A	*5XX-X	4	
	Bar B	*5XX-X	4	
	Bar C	*6XX-X	2	
	¤*Weight		XX LB	
	Welded Wire Fabric Weight Per Approach Slab			
	*12x12 - D20 x D20		1.8 lb/sf	X LB
	*6x12 - D31 x D31		3.9 lb/sf	X LB
	¤*Weight		XX LB	

Bending Diagrams



Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For Dim B, see Sheet No. X.
5) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

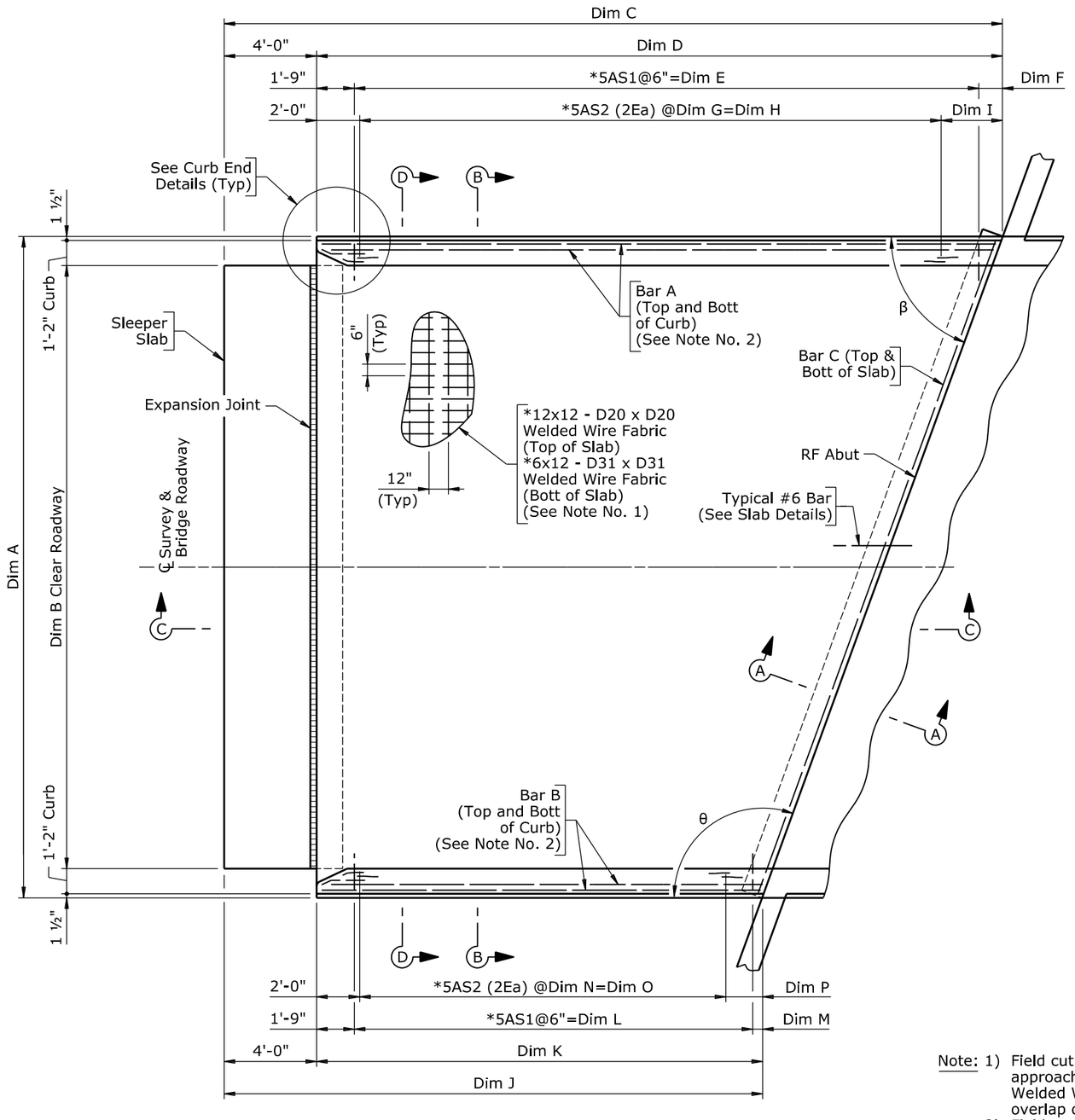
Std_Left Skew MASH Approach_ap3

REVIEW _____ I
APPROVAL _____ I
Standard Sheet Dated 6-3-24

DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

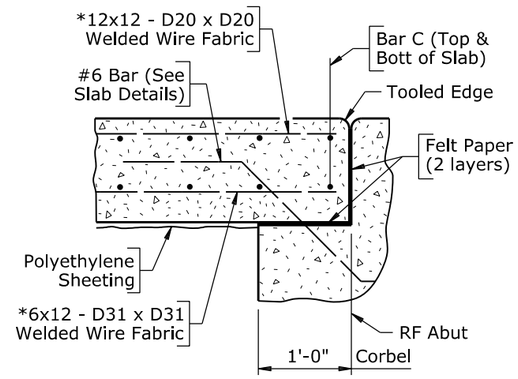
Design Section X
Drwg No. X
Sheet X of X

X.dgn

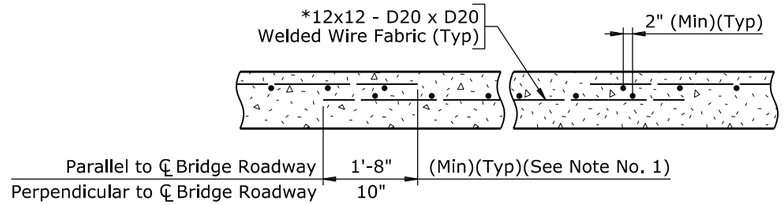


PLAN
(Abut No. 1 shown, Abut No. 2 similar)

TABLE OF DIMENSIONS	
θ	X°
β	X°
Dim A	X'-X"
Dim B	X'-X"
Dim C	X'-X"
Dim D	X'-X"
Dim E	X'-X"
Dim F	X'-X"
Dim G	X'-X"
Dim H	X'-X"
Dim I	X'-X"
Dim J	25'-0"
Dim K	21'-0"
Dim L	X'-X"
Dim M	X"
Dim N	X'-X"
Dim O	X'-X"
Dim P	X'-X"



SECTION A-A



WELDED WIRE FABRIC LAP DETAIL
(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Wire Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A and Bar B at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Curb End Details, see Sheet No. X.
7) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Right_Skew MASH Approach_ap1

REVIEW I
APPROVAL I
DESIGN ✓
DETAIL X ✓ X
QTY'S X ✓ X

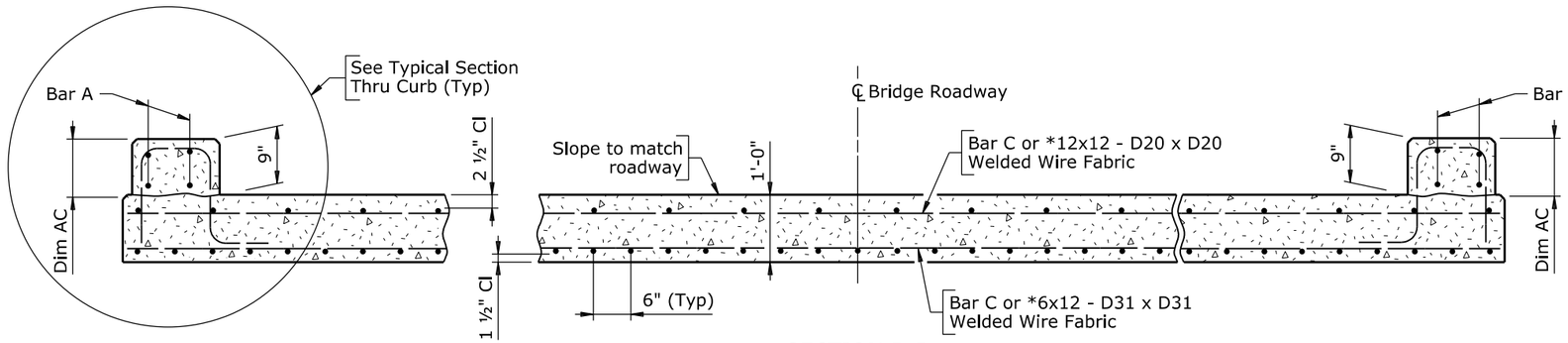
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

X_ap1.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

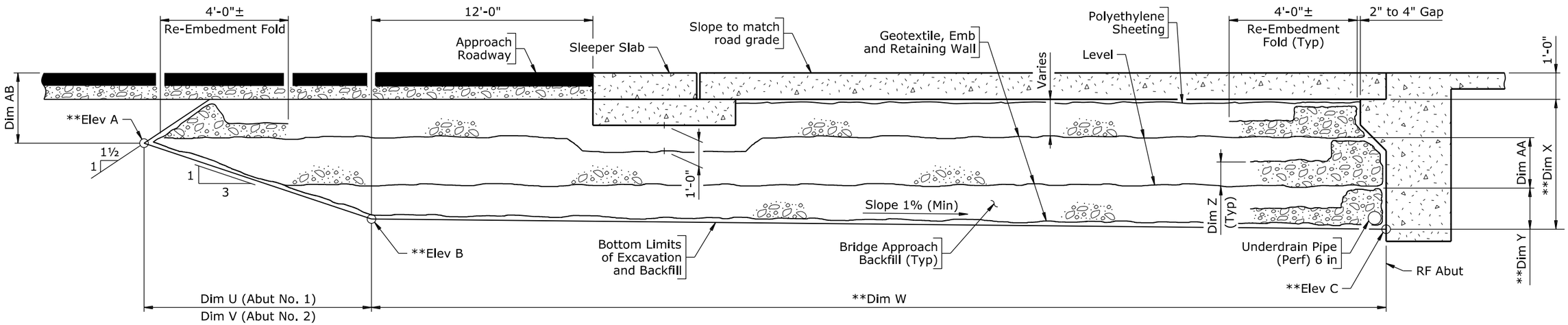


SECTION B-B

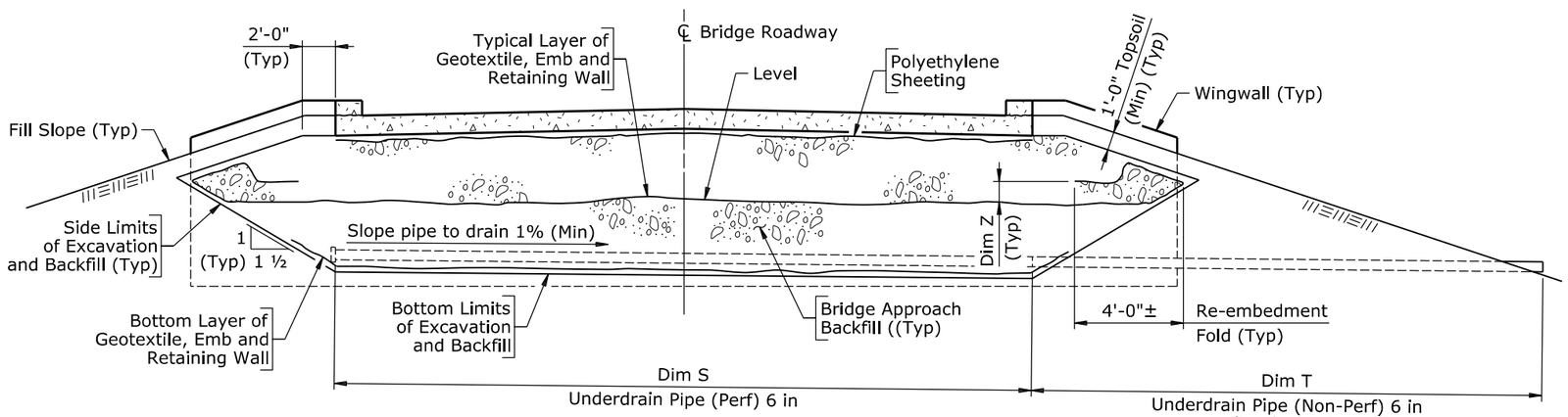
TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

TABLE OF DIMENSIONS	
Dim S	X'-X" ±
Dim T	X'-X" ±
Dim U	X'-X" ±
Dim V	X'-X" ±
**Dim W	X'-X"
**Dim X	X'-X"
**Dim Y	X'-X"
Dim Z	X"
Dim AA	X'-X"
Dim AB	3'-0"±
Dim AC	X"

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thur Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Right_Skew MASH Approach_ap2

REVIEW	DESIGN X	Design Section X	
APPROVAL	DETAIL X X	Drwg No. X	Sheet X of X
	QTY'S X X		

Standard Sheet Dated 6-3-24

X_ap2.dgn

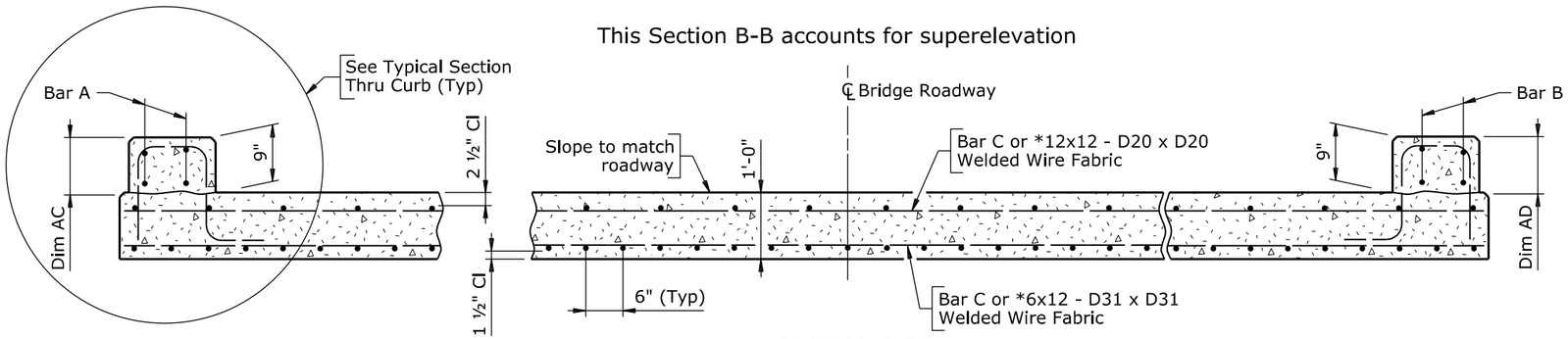
Wyo. Proj. X

Sheet BX of BX Sheets

TABLE OF DIMENSIONS	
Dim S	X'-X" ±
Dim T	X'-X" ±
Dim U	X'-X" ±
Dim V	X'-X" ±
Dim W	X'-X"
Dim X	X'-X"
Dim Y	X'-X"
Dim Z	X'-X"
Dim AA	X'-X"
Dim AB	3'-0"±
Dim AC	X"
Dim AD	X"

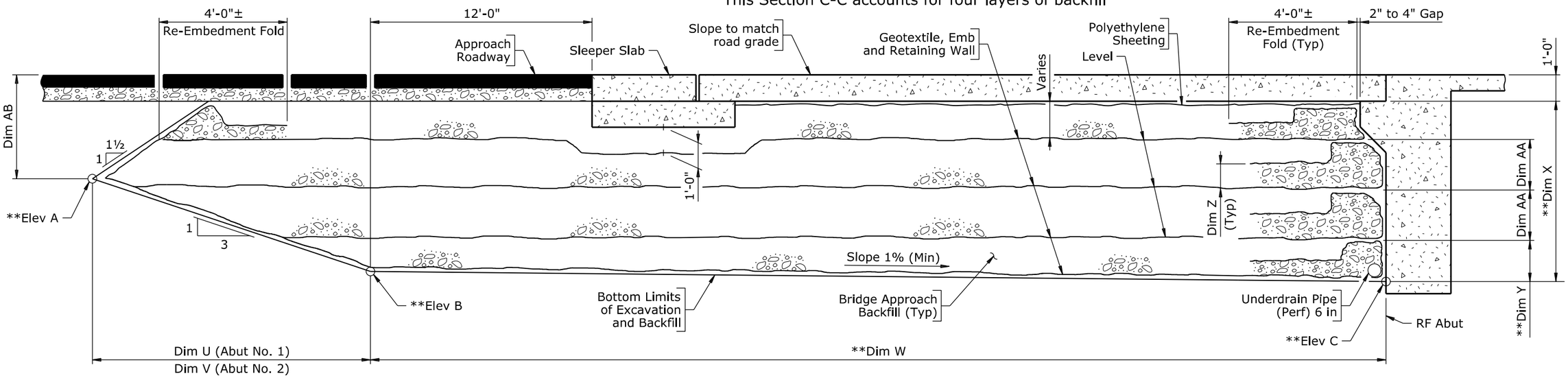
This table is for str with super elevation Add Dim AD to Outside Curb Height

This Section B-B accounts for superelevation

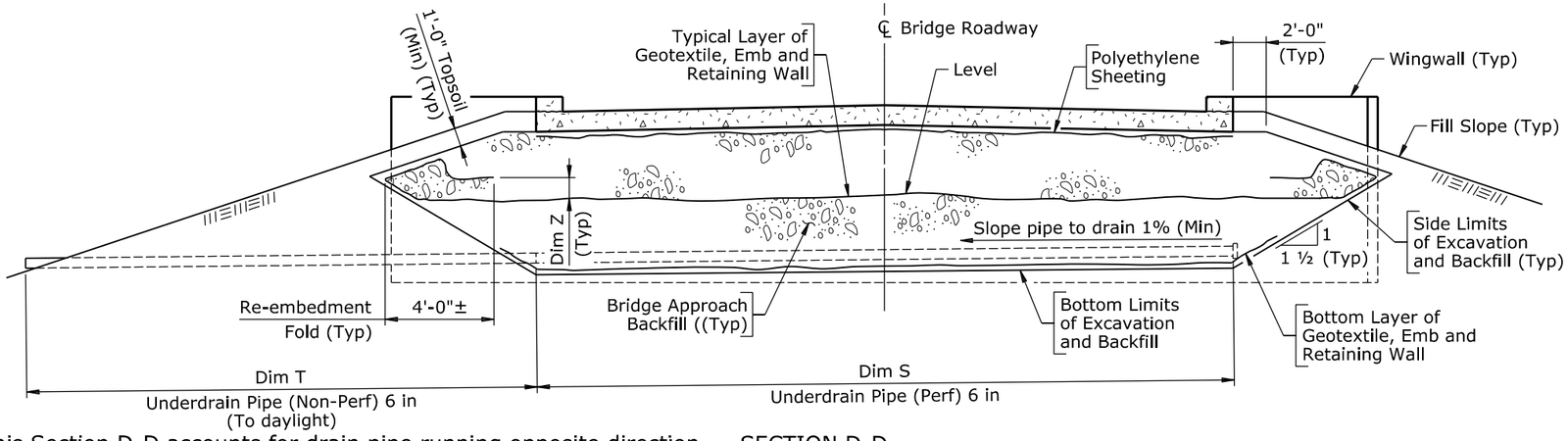


SECTION B-B

This Section C-C accounts for four layers of backfill



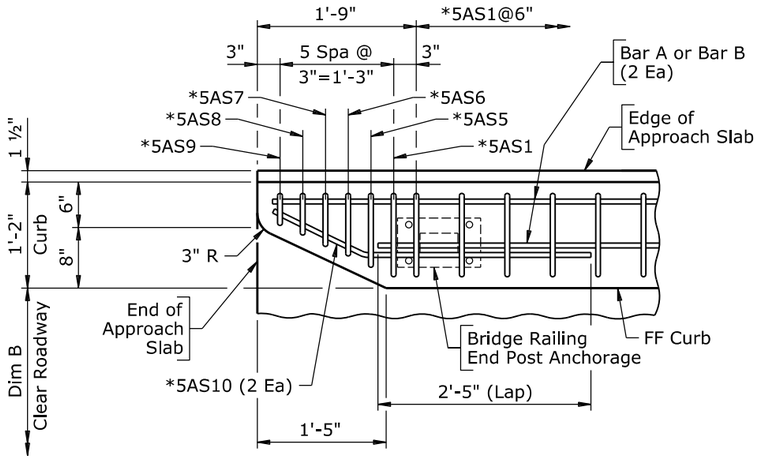
SECTION C-C



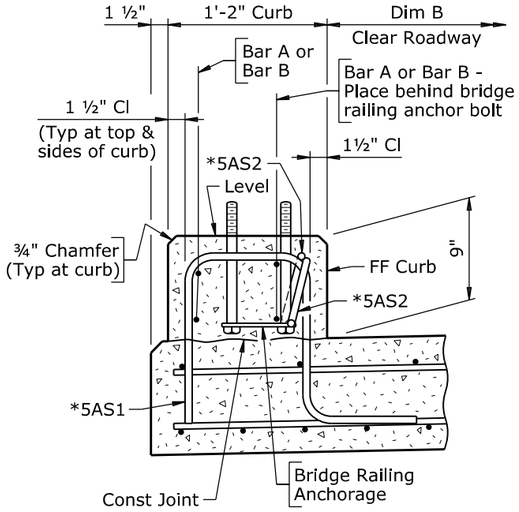
This Section D-D accounts for drain pipe running opposite direction SECTION D-D

Std_Right_Skew MASH Approach_ap2

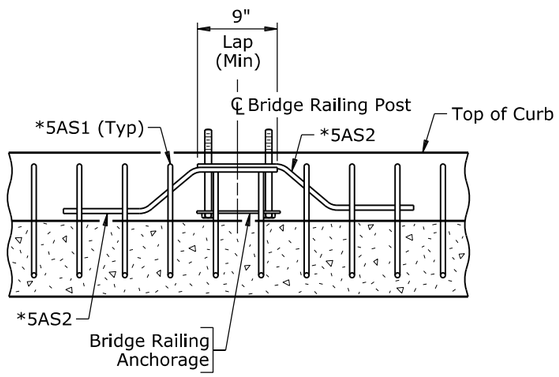
Standard Sheet Dated 6-3-24



PLAN
(*5AS2, *5AS3, and *5AS4 not shown)

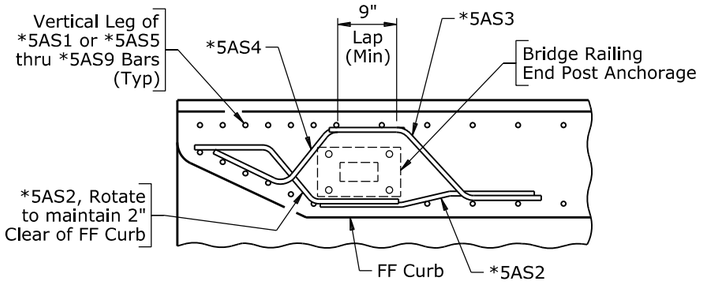


TYPICAL SECTION THRU CURB

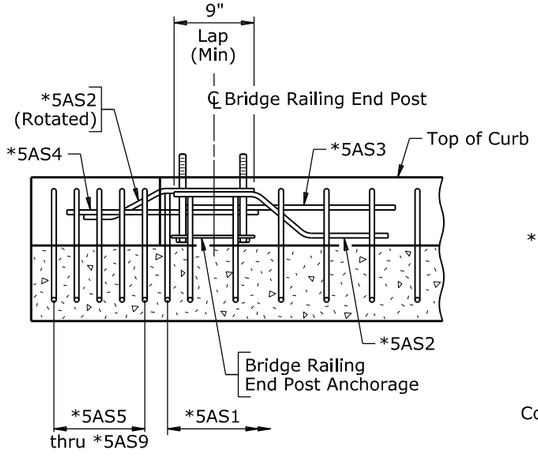


ELEVATION
(Looking at front face curb)

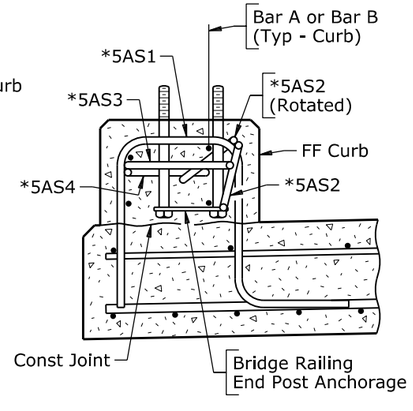
*5AS2 BAR PLACEMENT DETAILS



PLAN
(Bar A and Bar B not shown)



ELEVATION
(Looking at front face curb)
(Bar A and Bar B not shown)



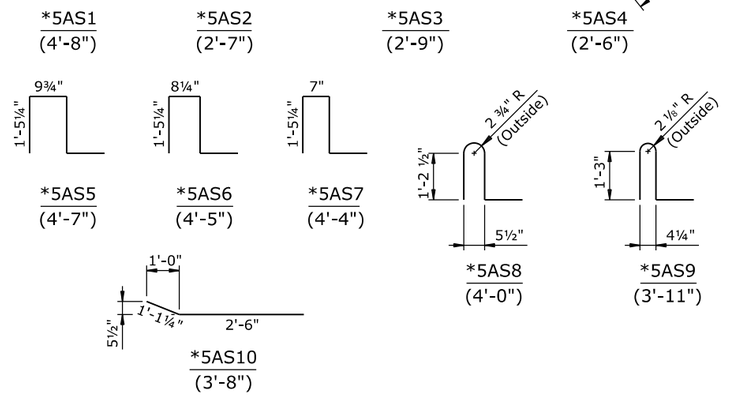
SECTION

CURB END DETAILS

BILL OF REINFORCEMENT

Location	Mark		Number Req'd Per Approach Slab	
Approach Slab and Curbs	*5AS1		X	
	*5AS2		X	
	*5AS3		2	
	*5AS4		2	
	*5AS5		2	
	*5AS6		2	
	*5AS7		2	
	*5AS8		2	
	*5AS9		2	
	*5AS10		4	
	Bar A	*5XX-X	4	
	Bar B	*5XX-X	4	
	Bar C	*6XX-X	2	
	¤*Weight		XX LB	
	Welded Wire Fabric Weight Per Approach Slab			
	*12x12 - D20 x D20		1.8 lb/sf	X LB
	*6x12 - D31 x D31		3.9 lb/sf	X LB
	¤*Weight		XX LB	

Bending Diagrams



Note:
1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For Dim B, see Sheet No. X.
5) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Approach_ap3

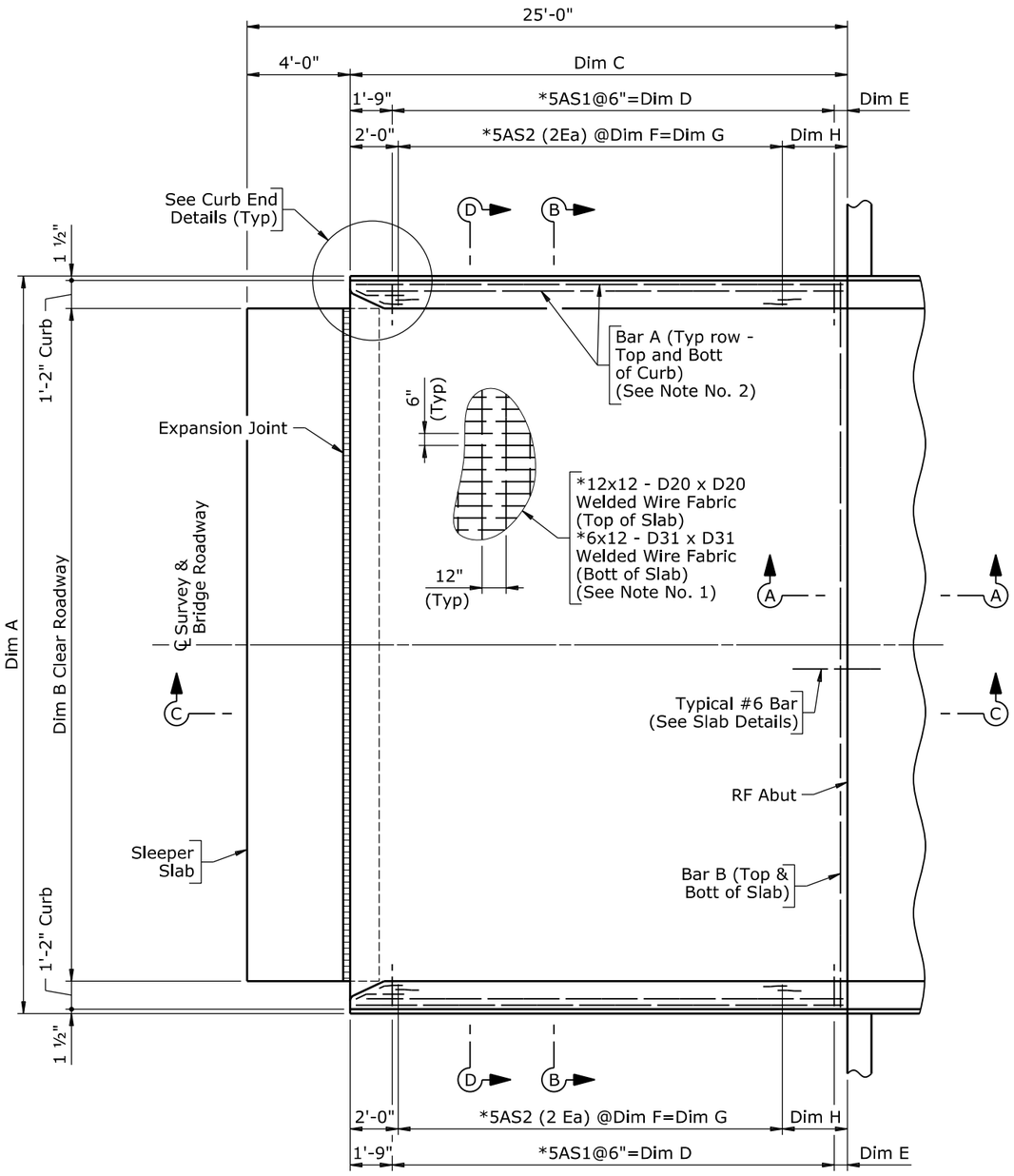
REVIEW I
APPROVAL I

DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

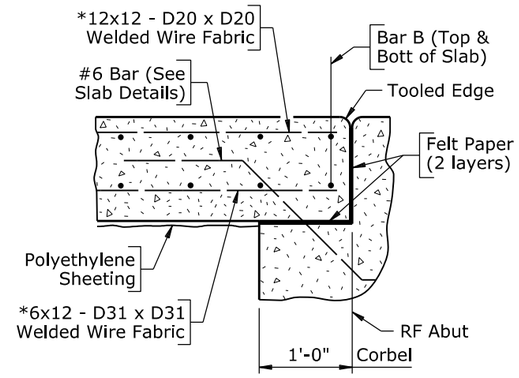
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

X.dgn

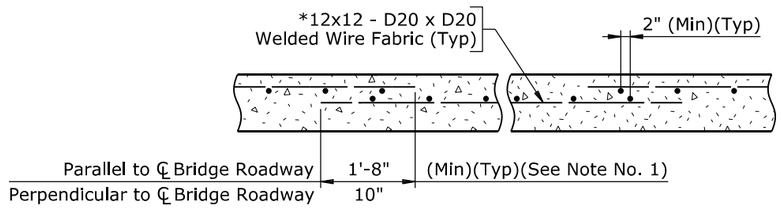


PLAN
(Abut No. 1 shown, Abut No. 2 similar)



SECTION A-A

TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X'-X"
Dim C	21'-0"
Dim D	X'-X"
Dim E	X'-X"
Dim F	X'-X"
Dim G	X'-X"
Dim H	X'-X"



WELDED WIRE FABRIC LAP DETAIL
(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Wire Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Curb End Details, see Sheet No. X.
7) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_No Skew MASH Approach_ap1

REVIEW I
APPROVAL I
DESIGN ✓
DETAIL X ✓ X
QTY'S X ✓ X

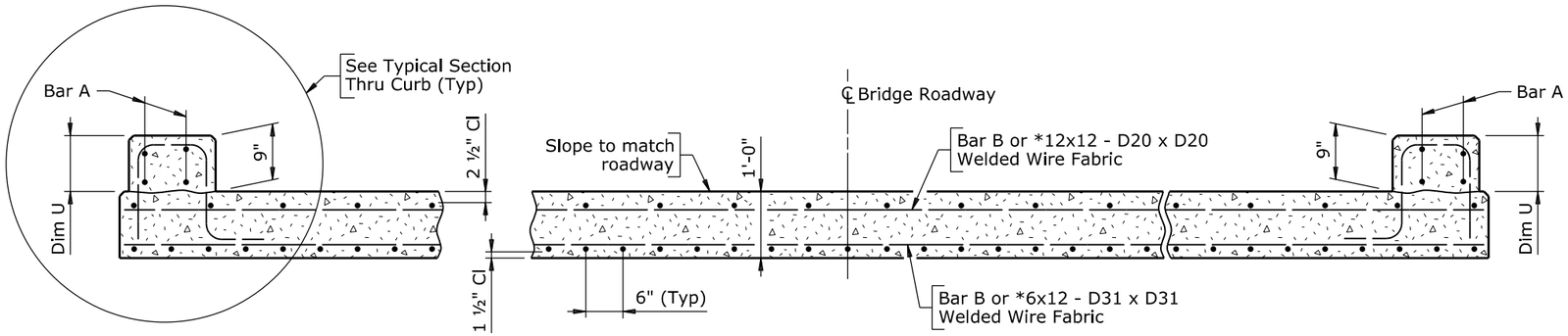
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

X_Xap1.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

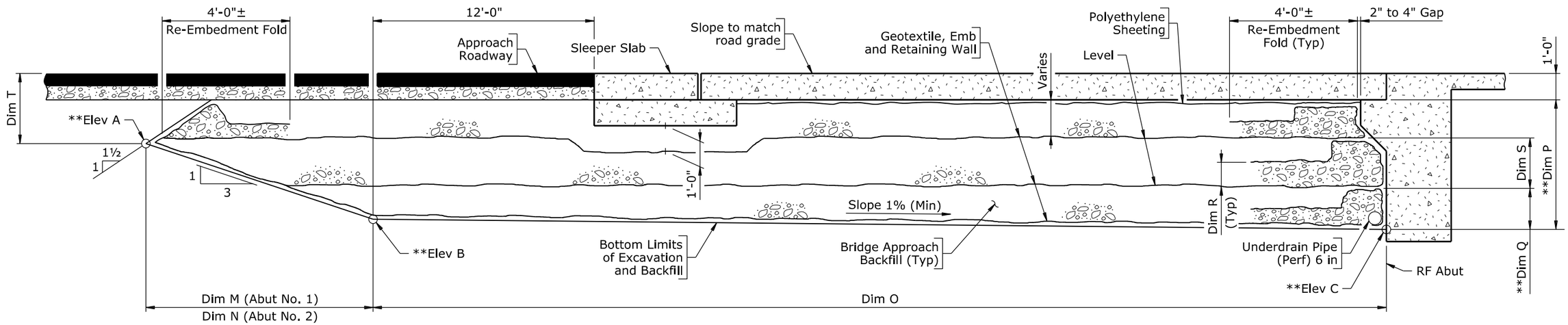


SECTION B-B

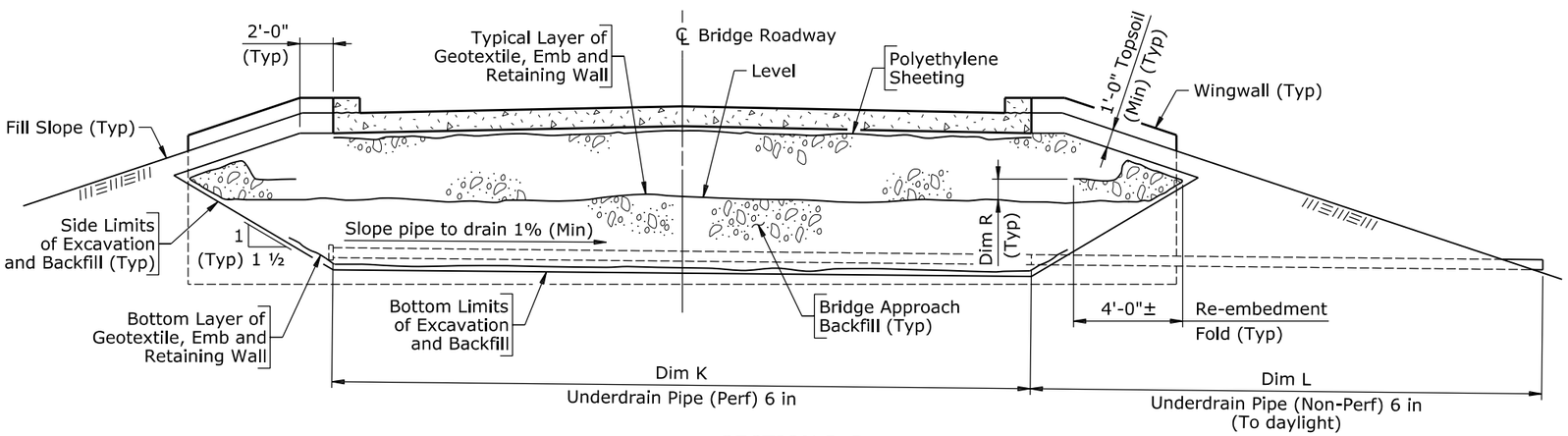
TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

TABLE OF DIMENSIONS	
Dim K	X'-X" ±
Dim L	X'-X" ±
Dim M	X'-X" ±
Dim N	X'-X" ±
Dim O	X'-X"
**Dim P	X'-X"
**Dim Q	X'-X"
Dim R	X"
Dim S	X'-X"
Dim T	3'-0"±
Dim U	X"

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

Note: 1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_No Skew MASH Approach_ap2 Center Crown

REVIEW	DESIGN X ✓ X	Design Section X	
APPROVAL	DETAIL X ✓ X	Drwg No. X	Sheet X of X
	QTY'S X ✓ X		

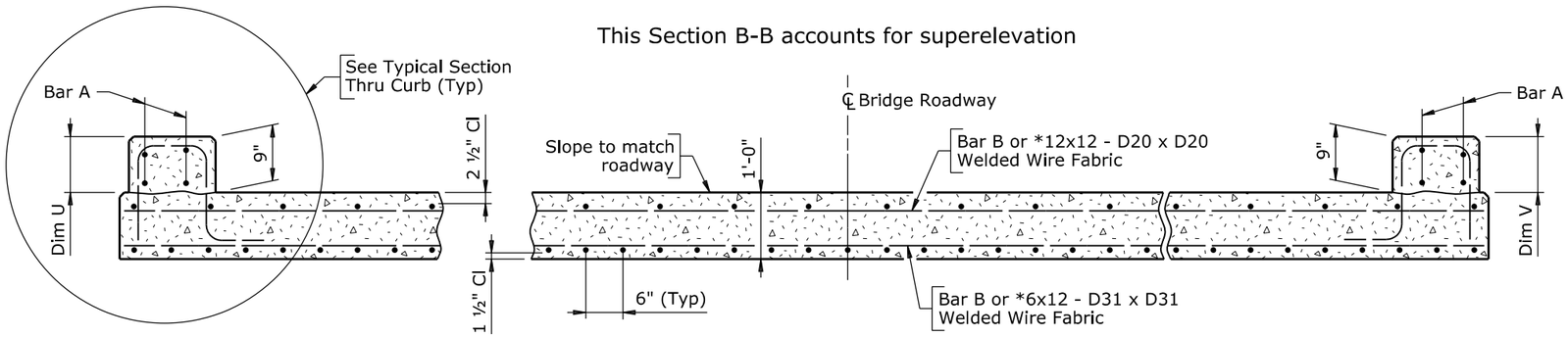
Standard Sheet Dated 6-3-24

X_ap2.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

This Section B-B accounts for superelevation

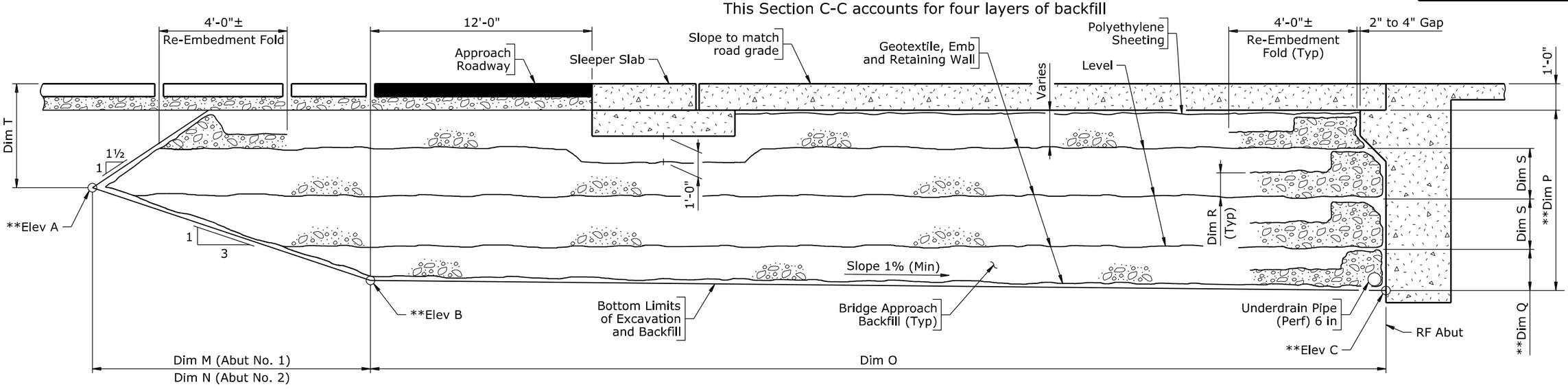


SECTION B-B

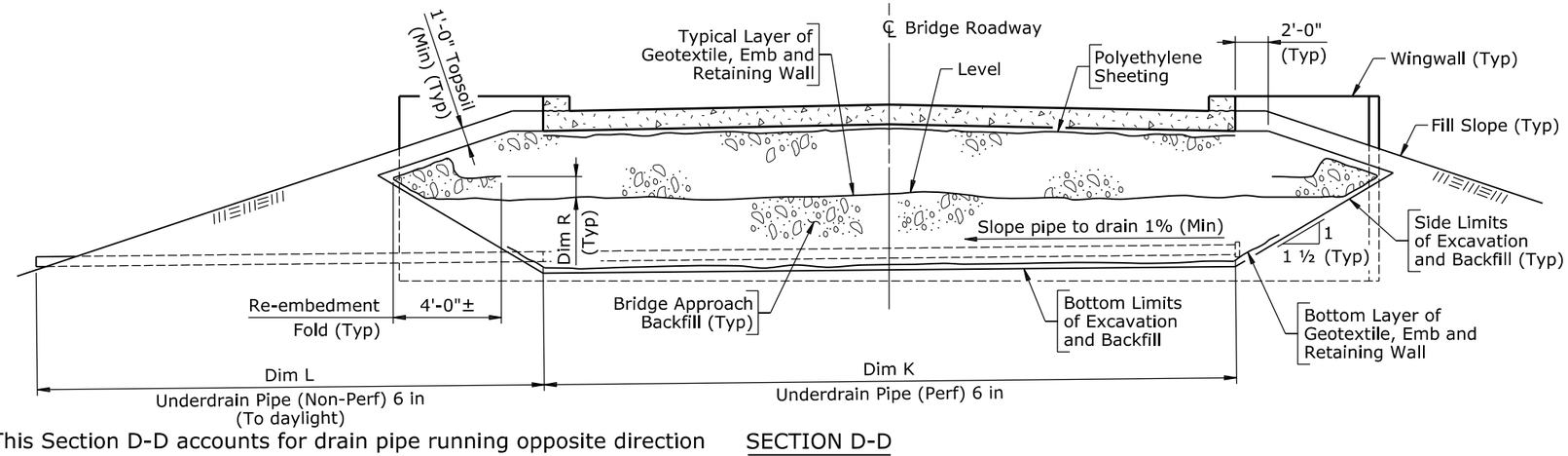
This table is for str with super elevation

TABLE OF DIMENSIONS	
Dim K	X'-X" ±
Dim L	X'-X" ±
Dim M	X'-X" ±
Dim N	X'-X" ±
Dim O	X'-X"
**Dim P	X'-X"
**Dim Q	X'-X"
Dim R	X'-X"
Dim S	X'-X"
Dim T	3'-0"±
Dim U	X"
Dim V	X"

This Section C-C accounts for four layers of backfill



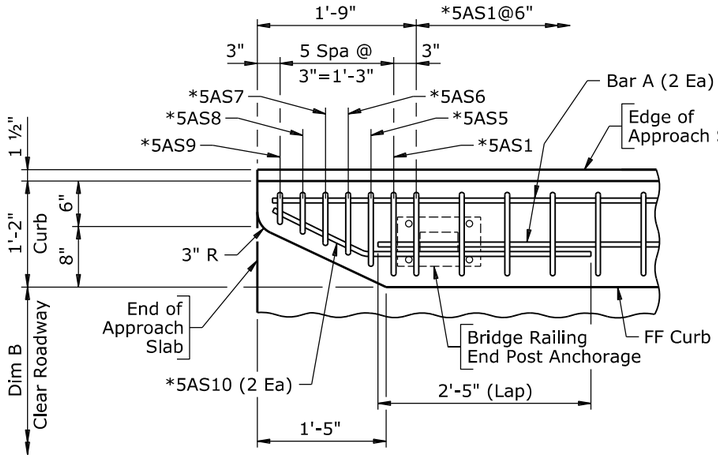
SECTION C-C



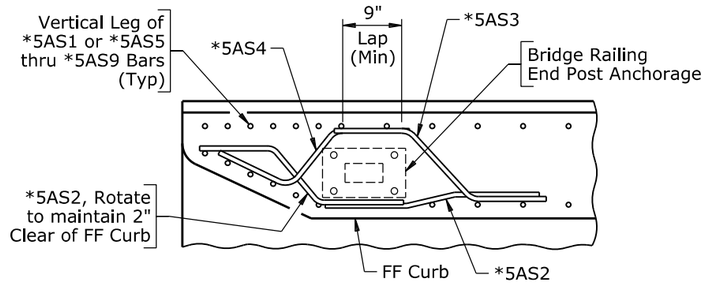
This Section D-D accounts for drain pipe running opposite direction SECTION D-D

Std_No Skew MASH
Approach_ap2
Center Crown
Alternates

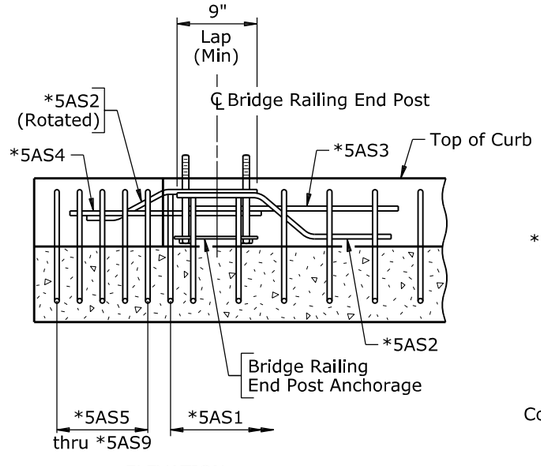
Standard Sheet Dated 6-3-24



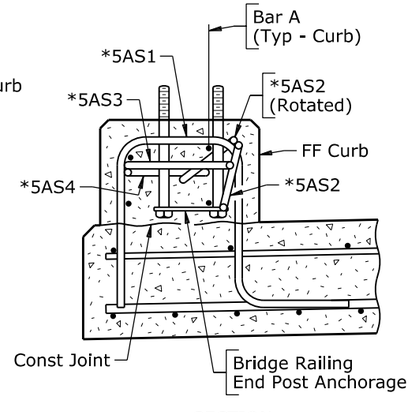
PLAN
(*5AS2, *5AS3, and *5AS4 not shown)



PLAN
(Bar A and Bar B not shown)

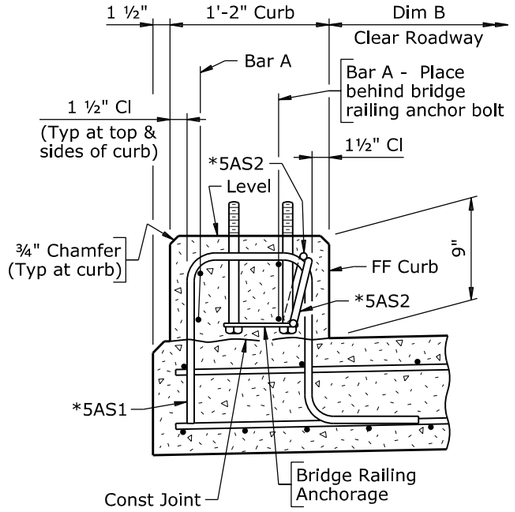


ELEVATION
(Looking at front face curb)
(Bar A and Bar B not shown)

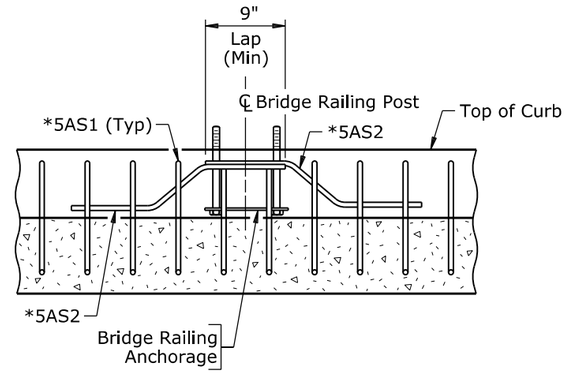


SECTION

CURB END DETAILS



TYPICAL SECTION THRU CURB



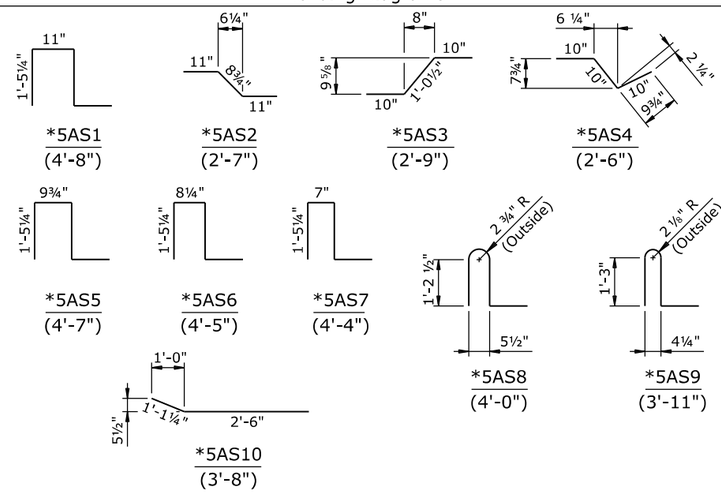
ELEVATION
(Looking at front face curb)

*5AS2 BAR PLACEMENT DETAILS

BILL OF REINFORCEMENT

Location	Mark		Number Req'd Per Approach Slab	
Approach Slab and Curbs	*5AS1		X	
	*5AS2		X	
	*5AS3		2	
	*5AS4		2	
	*5AS5		2	
	*5AS6		2	
	*5AS7		2	
	*5AS8		2	
	*5AS9		2	
	*5AS10		4	
	Bar A	*5XX-X	4	
	Bar B	*6XX-X	4	
	¤*Weight		XX LB	
	Welded Wire Fabric Weight Per Approach Slab			
	*12x12 - D20 x D20		1.8 lb/sf	X LB
	*6x12 - D31 x D31		3.9 lb/sf	X LB
	¤*Weight		XX LB	

Bending Diagrams



Note:
1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For Dim B, see Sheet No. X.
5) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

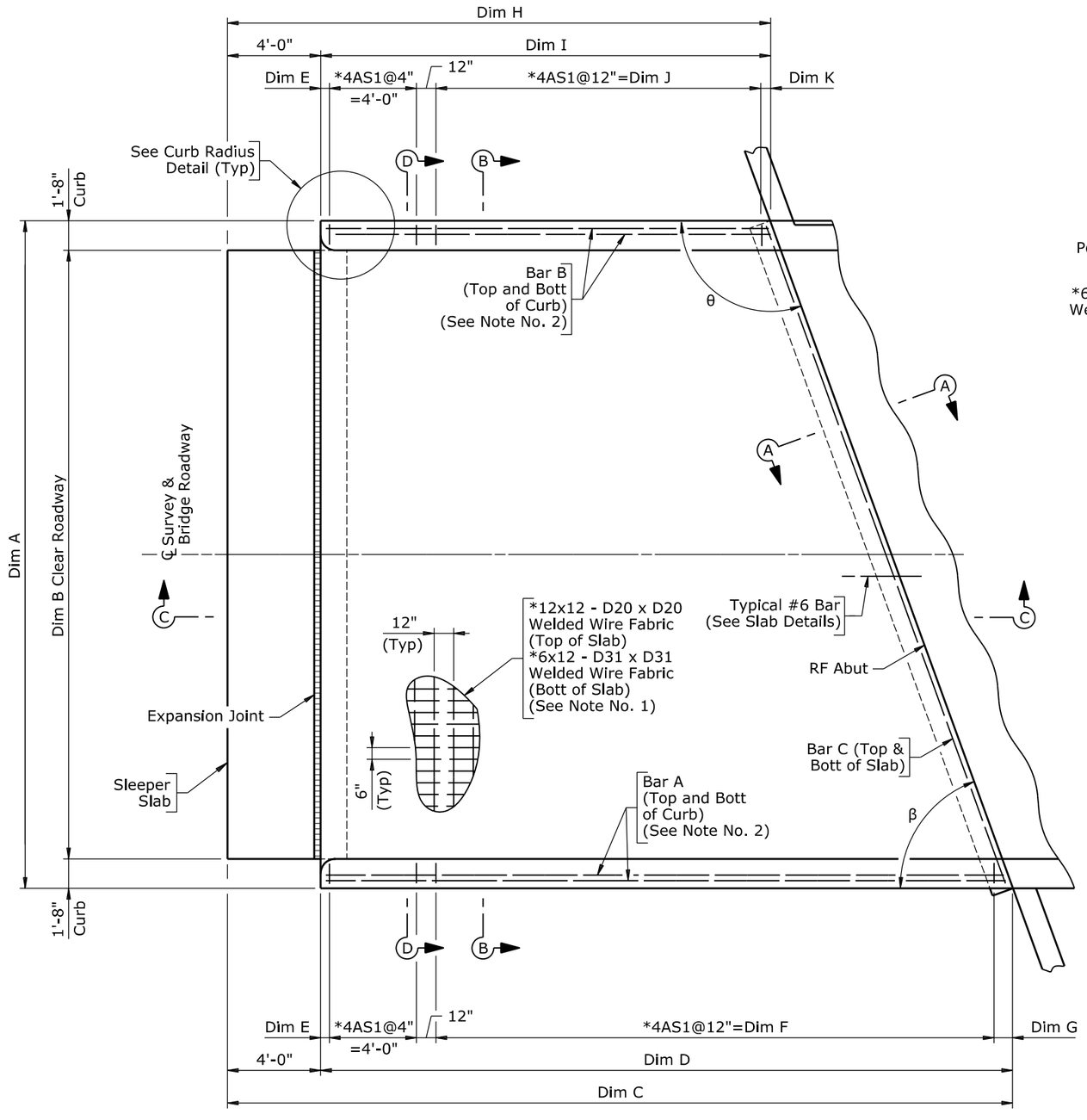
Std_No Skew MASH Approach_ap3

REVIEW I
APPROVAL I
DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

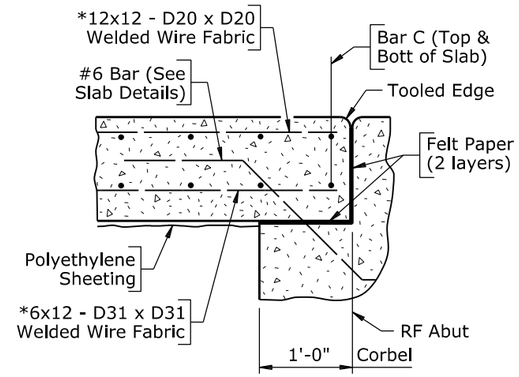
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

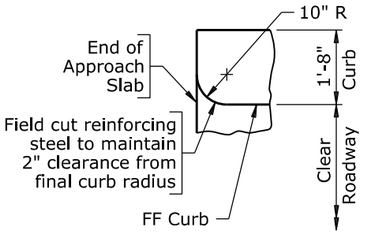
X.dgn



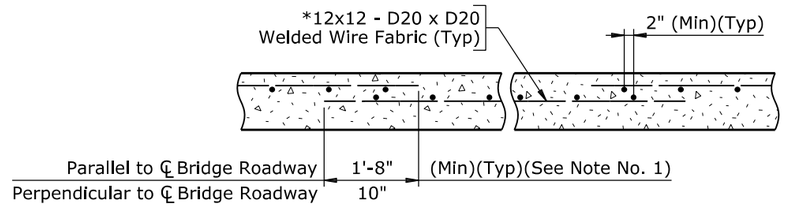
PLAN
(Abut No. 1 shown, Abut No. 2 similar)



SECTION A-A



CURB RADIUS DETAIL



WELDED WIRE FABRIC LAP DETAIL
(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

TABLE OF DIMENSIONS	
θ	X°
β	X°
Dim A	X'-X"
Dim B	X'-X"
Dim C	X'-X"
Dim D	X'-X"
Dim E	X'-X"
Dim F	X'-X"
Dim G	X'-X"
Dim H	25'-0"
Dim I	21'-0"
Dim J	X'-X"
Dim K	X'-X"

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Wire Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A and Bar B at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Left Skew 350 Approach_ap1

REVIEW | APPROVAL |

DESIGN ✓ DETAIL X ✓ X QTY'S X ✓ X

Design Section X

Drwg No. X

Sheet X of X

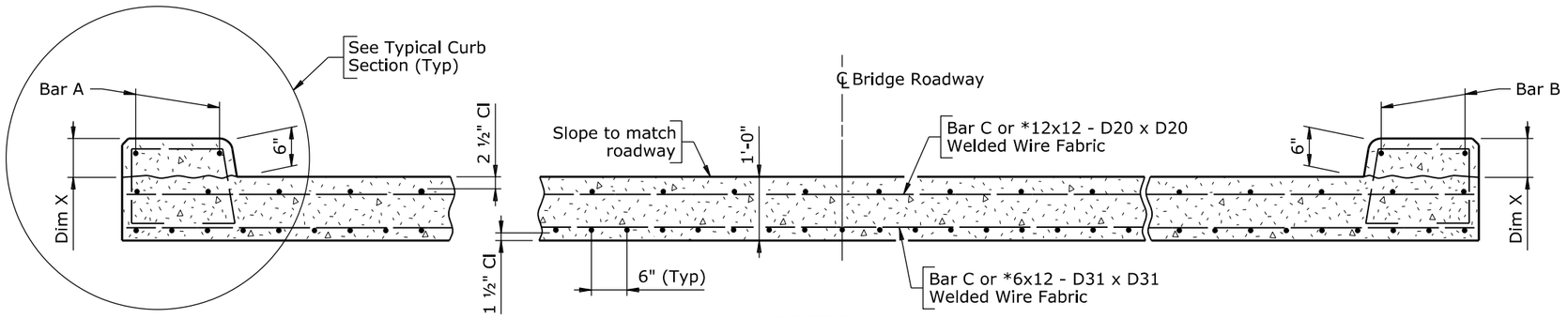
Standard Sheet Dated 6-3-24

X_ap1.dgn

Wyo. Proj. X

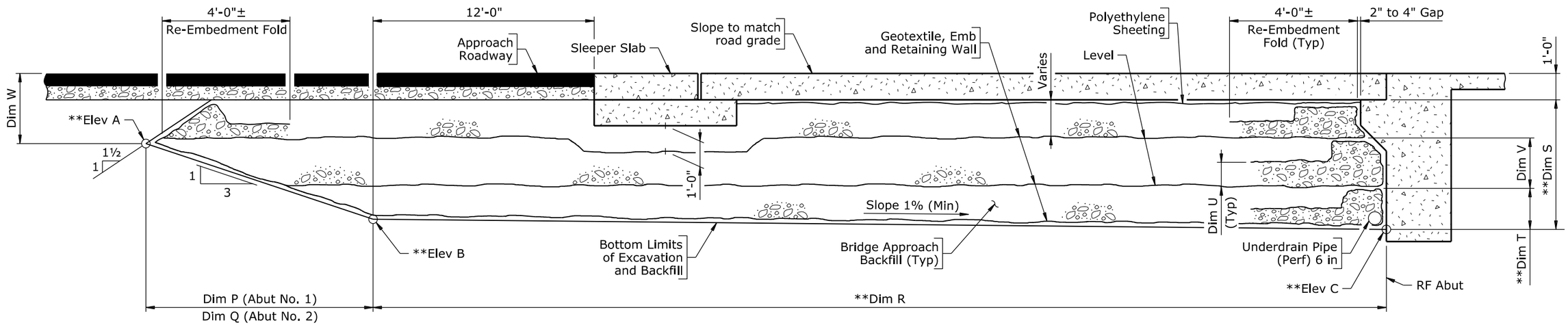
Sheet BX of BX Sheets

TABLE OF DIMENSIONS	
Dim N	X'-X" ±
Dim O	X'-X" ±
Dim P	X'-X" ±
Dim Q	X'-X" ±
**Dim R	X'-X"
**Dim S	X'-X"
**Dim T	X'-X"
Dim U	X"
Dim V	X'-X"
Dim W	3'-0"±
Dim X	X"

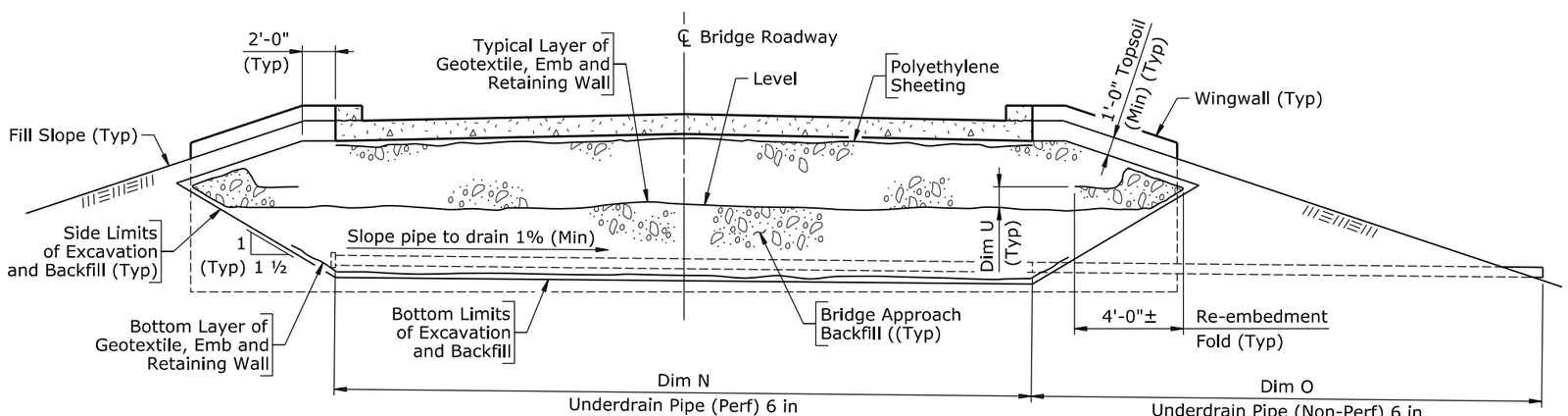


SECTION B-B

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

Note:
1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thur Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Left Skew_350 Approach_ap2

REVIEW _____ I
APPROVAL _____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X

Drwg No. X

Sheet X of X

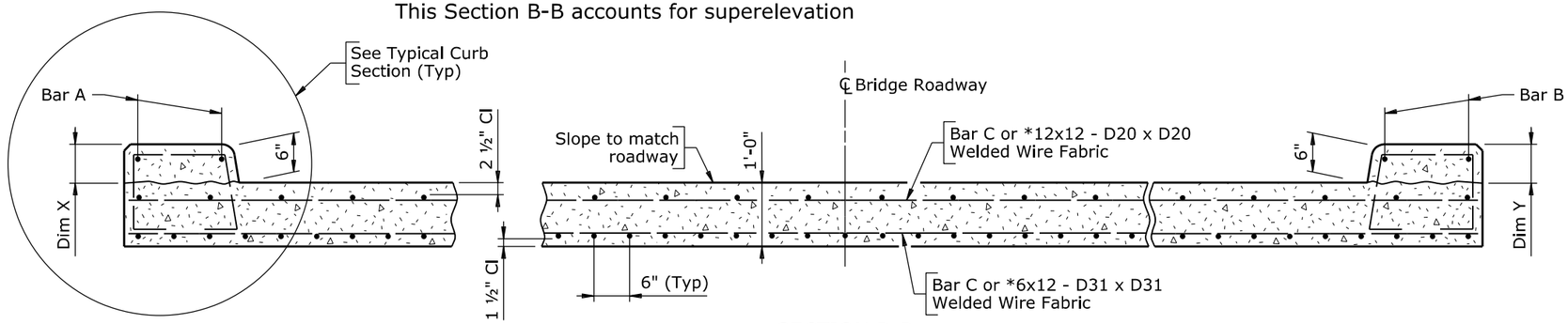
Standard Sheet Dated 6-3-24

X_ap2.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

This Section B-B accounts for superelevation

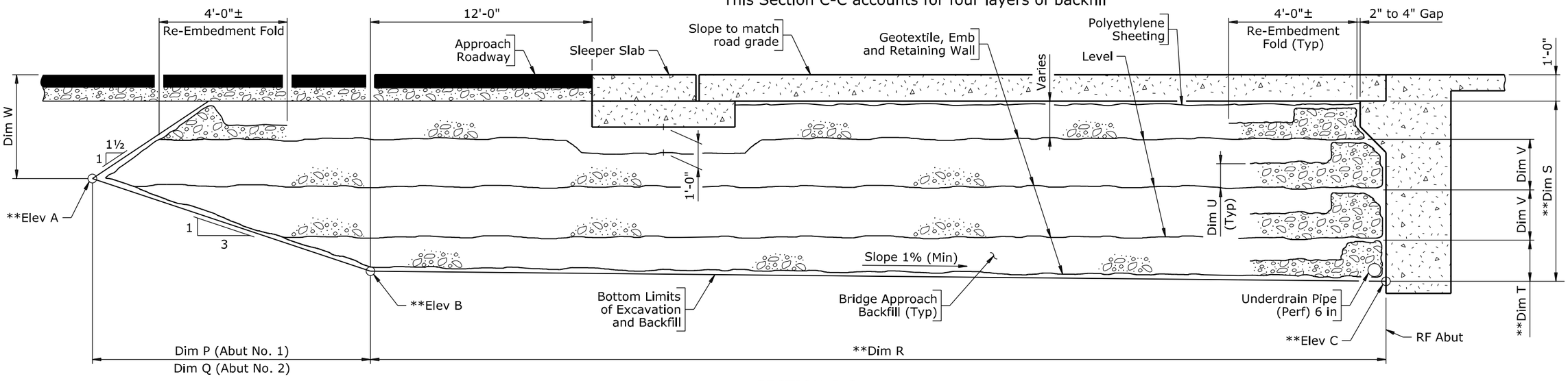


SECTION B-B

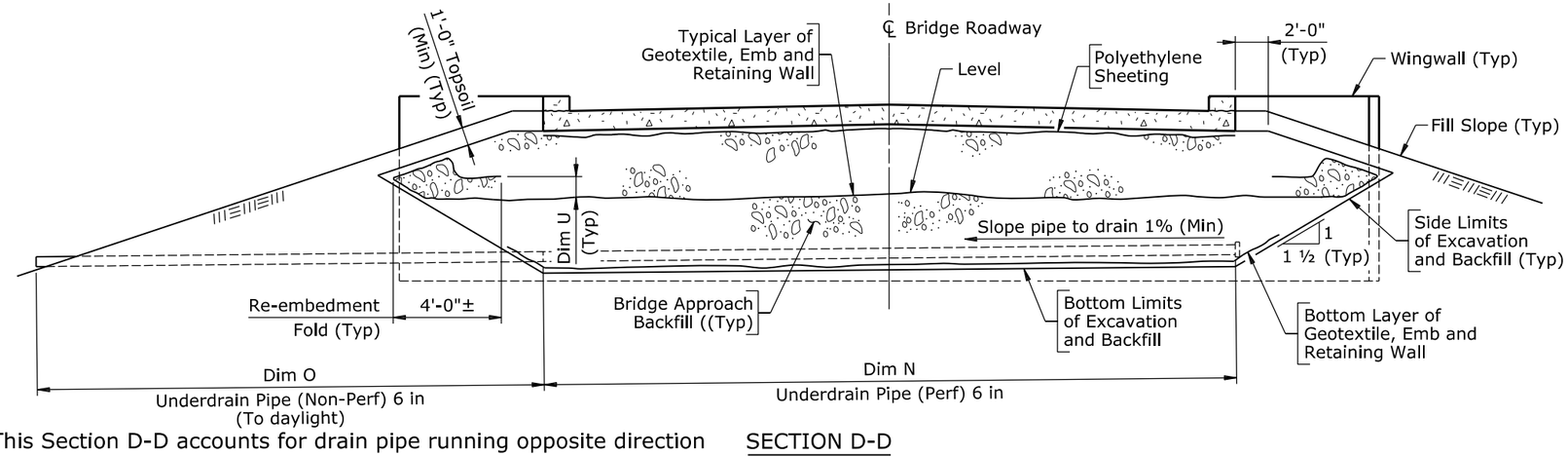
TABLE OF DIMENSIONS	
Dim N	X'-X" ±
Dim O	X'-X" ±
Dim P	X'-X" ±
Dim Q	X'-X" ±
**Dim R	X'-X"
**Dim S	X'-X"
**Dim T	X'-X"
Dim U	X'-X"
Dim V	X'-X"
Dim W	3'-0"±
Dim X	X"
Dim Y	X"

This table is for str with super elevation Add Dim Y to Outside Curb Height

This Section C-C accounts for four layers of backfill

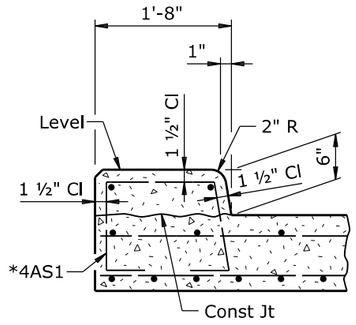


SECTION C-C

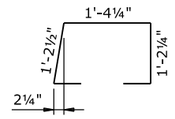


This Section D-D accounts for drain pipe running opposite direction SECTION D-D

Std_Left Skew_350
Approach_ap2



TYPICAL CURB SECTION

BILL OF REINFORCEMENT					
Location	Mark		Number Req'd Per Approach Slab		Bending Diagrams
Approach Slab and Curbs	*4AS1		X		
	Bar A	*4XX-X	2		
	Bar B	*4XX-X	2		
	Bar C	*6XX-X	2		
	¤*Weight		XX LB		
	Welded Wire Fabric Weight Per Approach Slab				
	*12x12 - D20 x D20		1.8 lb/sf	X LB	
	*6x12 - D31 x D31		3.9 lb/sf	X LB	
	¤*Weight		XX LB		

*4AS1 (Stirrup)
(4'-6")

Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Left Skew_350
Approach_ap3

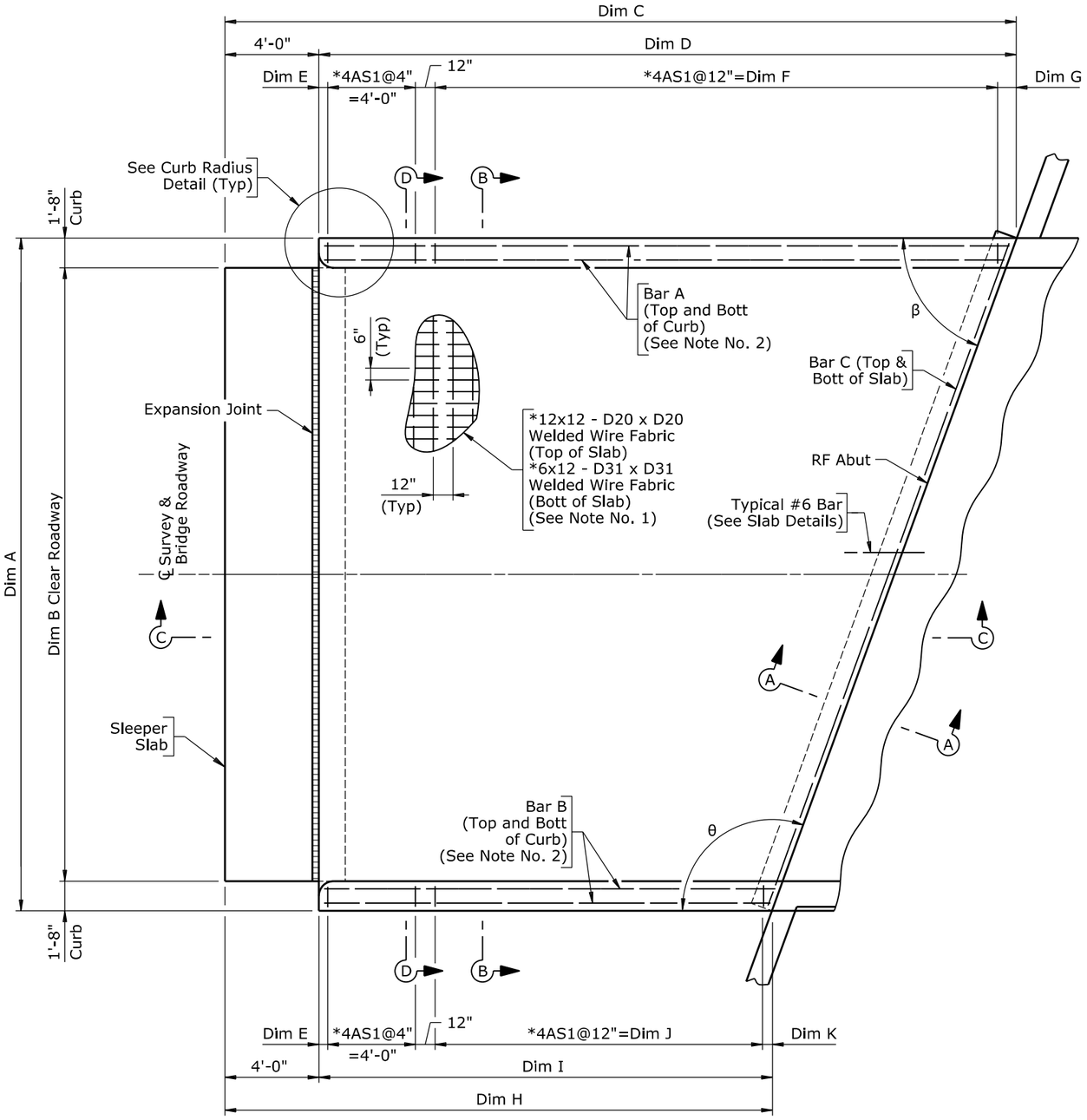
REVIEW I
APPROVAL I

DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

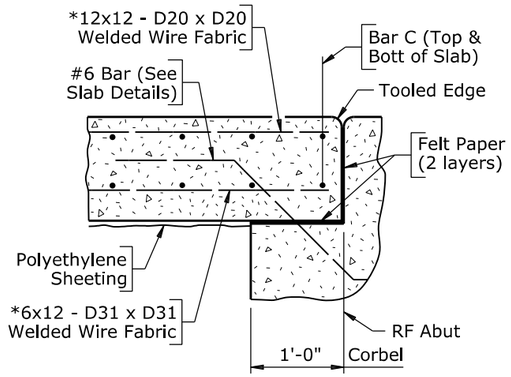
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

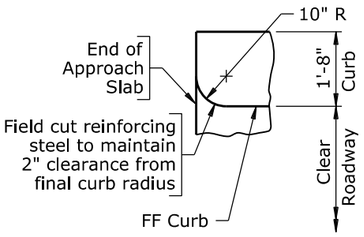
X.dgn



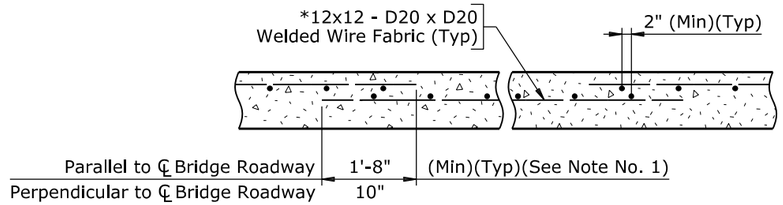
PLAN
(Abut No. 1 shown, Abut No. 2 similar)



SECTION A-A



CURB RADIUS DETAIL



WELDED WIRE FABRIC LAP DETAIL
(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

TABLE OF DIMENSIONS	
θ	X°
β	X°
Dim A	X'-X"
Dim B	X'-X"
Dim C	X'-X"
Dim D	X'-X"
Dim E	X'-X"
Dim F	X'-X"
Dim G	X'-X"
Dim H	25'-0"
Dim I	21'-0"
Dim J	X'-X"
Dim K	X'-X"

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A and Bar B at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Right Skew 350 Approach_ap1

REVIEW I
APPROVAL I
DESIGN ✓
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

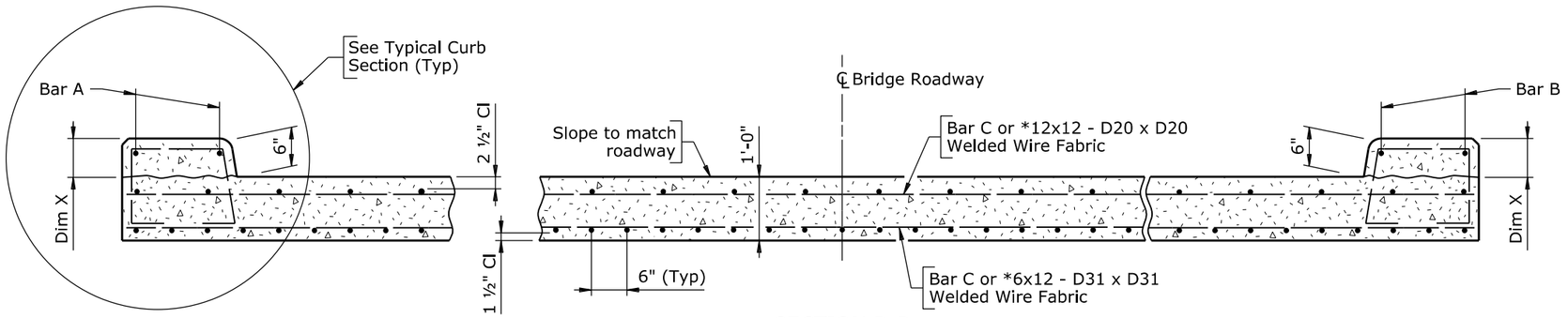
Standard Sheet Dated 6-3-24

X_ap1.dgn

Wyo. Proj. X

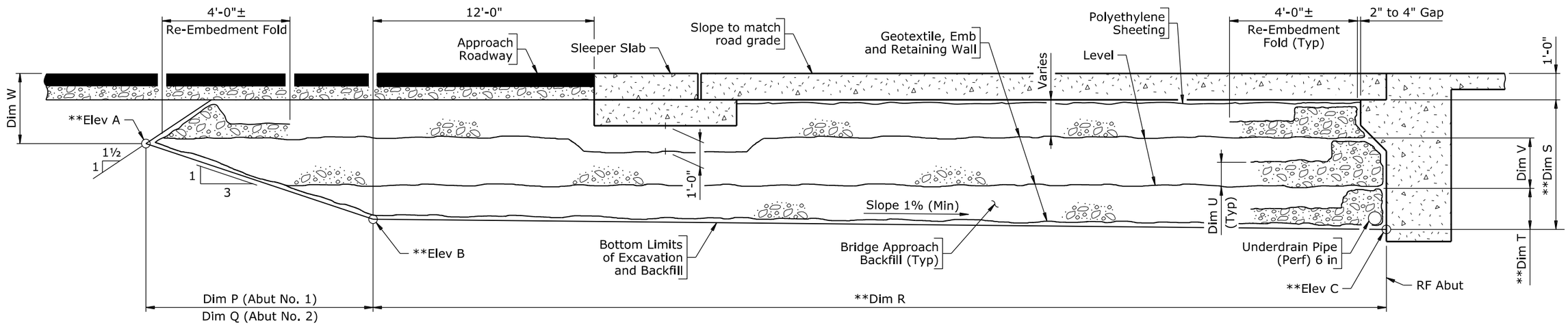
Sheet BX of BX Sheets

TABLE OF DIMENSIONS	
Dim N	X'-X" ±
Dim O	X'-X" ±
Dim P	X'-X" ±
Dim Q	X'-X" ±
**Dim R	X'-X"
**Dim S	X'-X"
**Dim T	X'-X"
Dim U	X"
Dim V	X'-X"
Dim W	3'-0"±
Dim X	X"

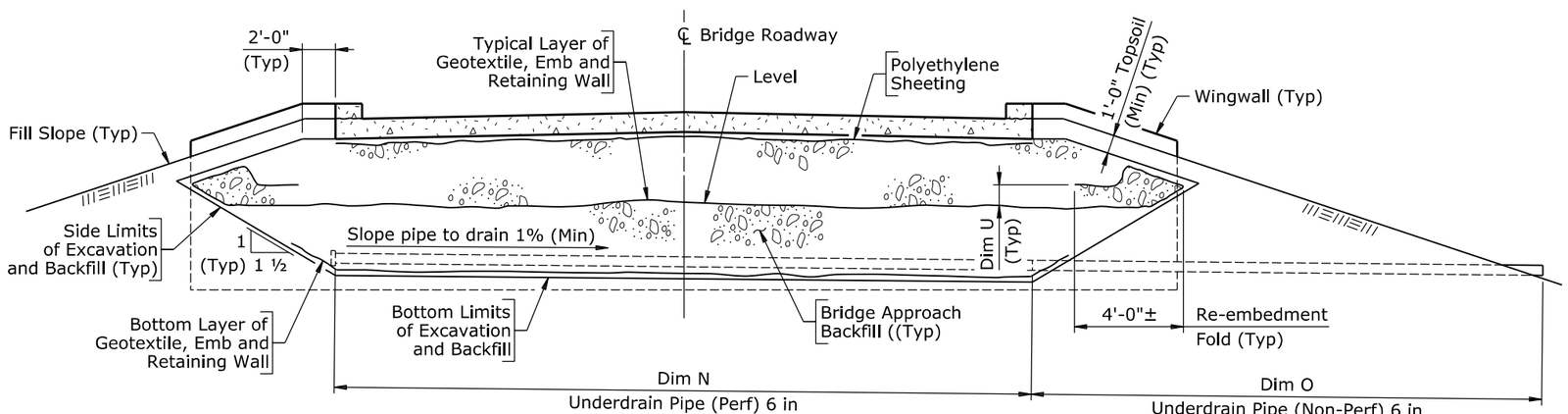


SECTION B-B

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

Note:
1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thur Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Right Skew_350 Approach_ap2

REVIEW _____ I
APPROVAL _____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

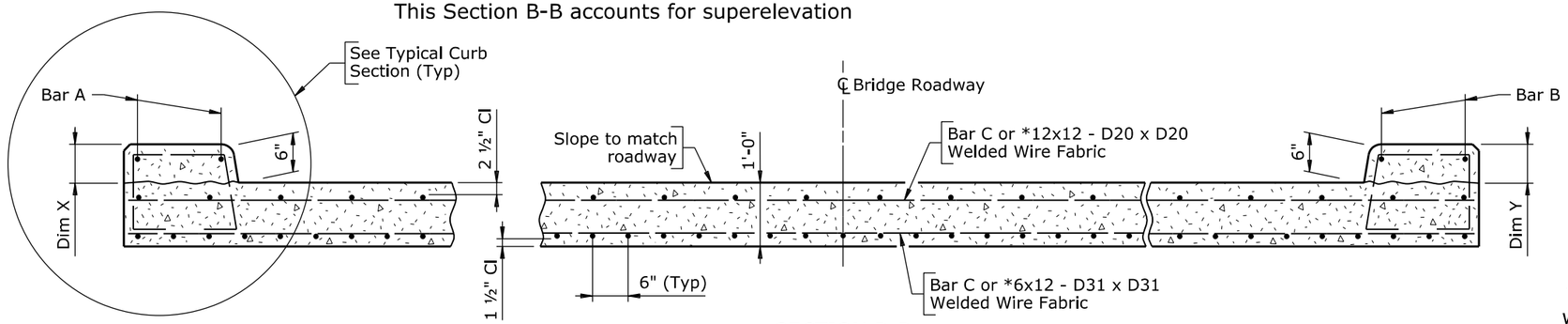
Standard Sheet Dated 6-3-24

X_ap2.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

This Section B-B accounts for superelevation

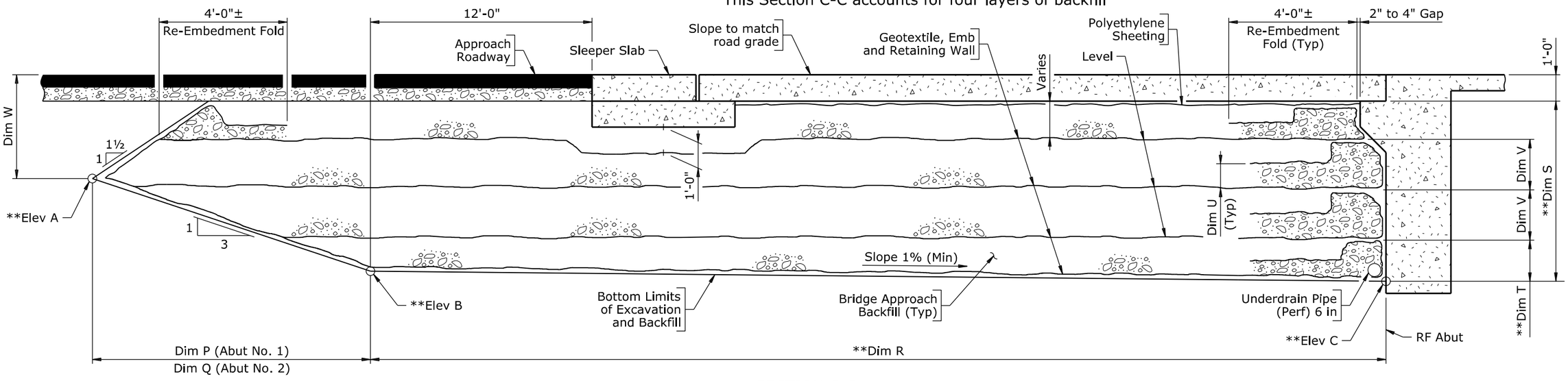


SECTION B-B

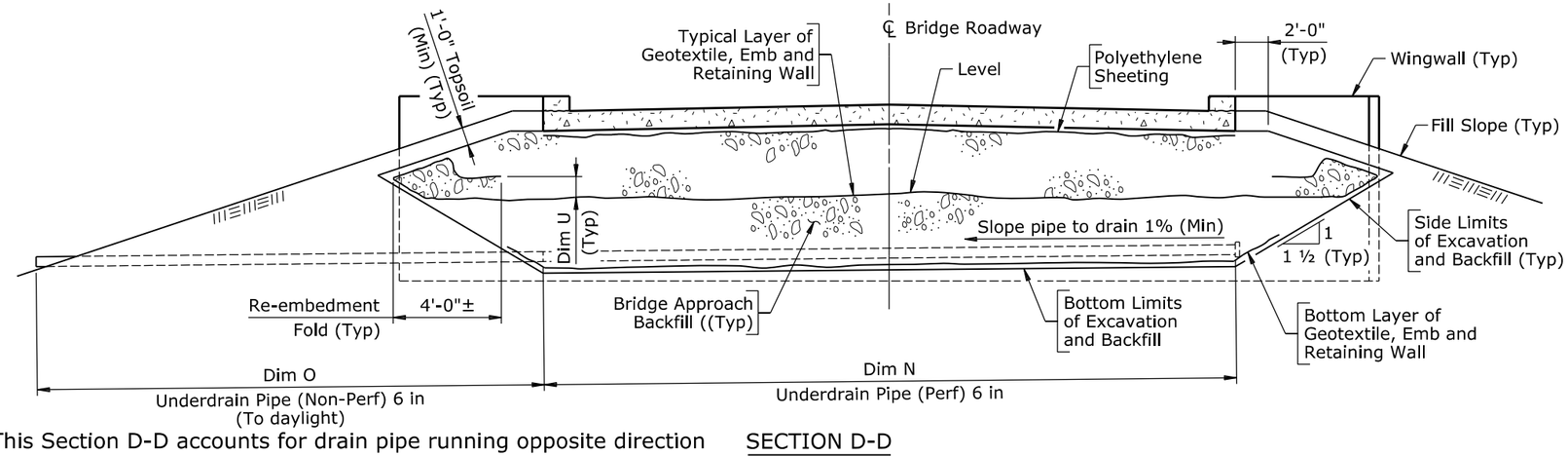
TABLE OF DIMENSIONS	
Dim N	X'-X" ±
Dim O	X'-X" ±
Dim P	X'-X" ±
Dim Q	X'-X" ±
**Dim R	X'-X"
**Dim S	X'-X"
**Dim T	X'-X"
Dim U	X'-X"
Dim V	X'-X"
Dim W	3'-0"±
Dim X	X"
Dim Y	X"

This table is for str with super elevation Add Dim Y to Outside Curb Height

This Section C-C accounts for four layers of backfill



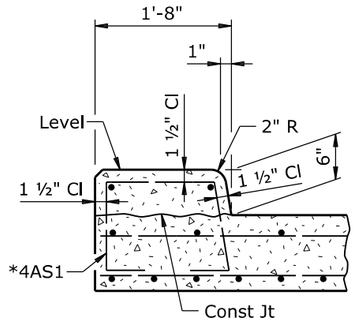
SECTION C-C



This Section D-D accounts for drain pipe running opposite direction SECTION D-D

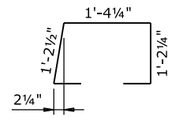
Std_Right Skew_350
Approach_ap2

Standard Sheet Dated 6-3-24



TYPICAL CURB SECTION

BILL OF REINFORCEMENT

Location	Mark		Number Req'd Per Approach Slab		Bending Diagrams
Approach Slab and Curbs	*4AS1		X		
	Bar A	*4XX-X	2		
	Bar B	*4XX-X	2		
	Bar C	*6XX-X	2		
	¤*Weight		XX LB		
	Welded Wire Fabric Weight Per Approach Slab				
	*12x12 - D20 x D20		1.8 lb/sf	X LB	
	*6x12 - D31 x D31		3.9 lb/sf	X LB	
	¤*Weight		XX LB		

*4AS1 (Stirrup)
(4'-6")

Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_Right Skew_350
Approach_ap3

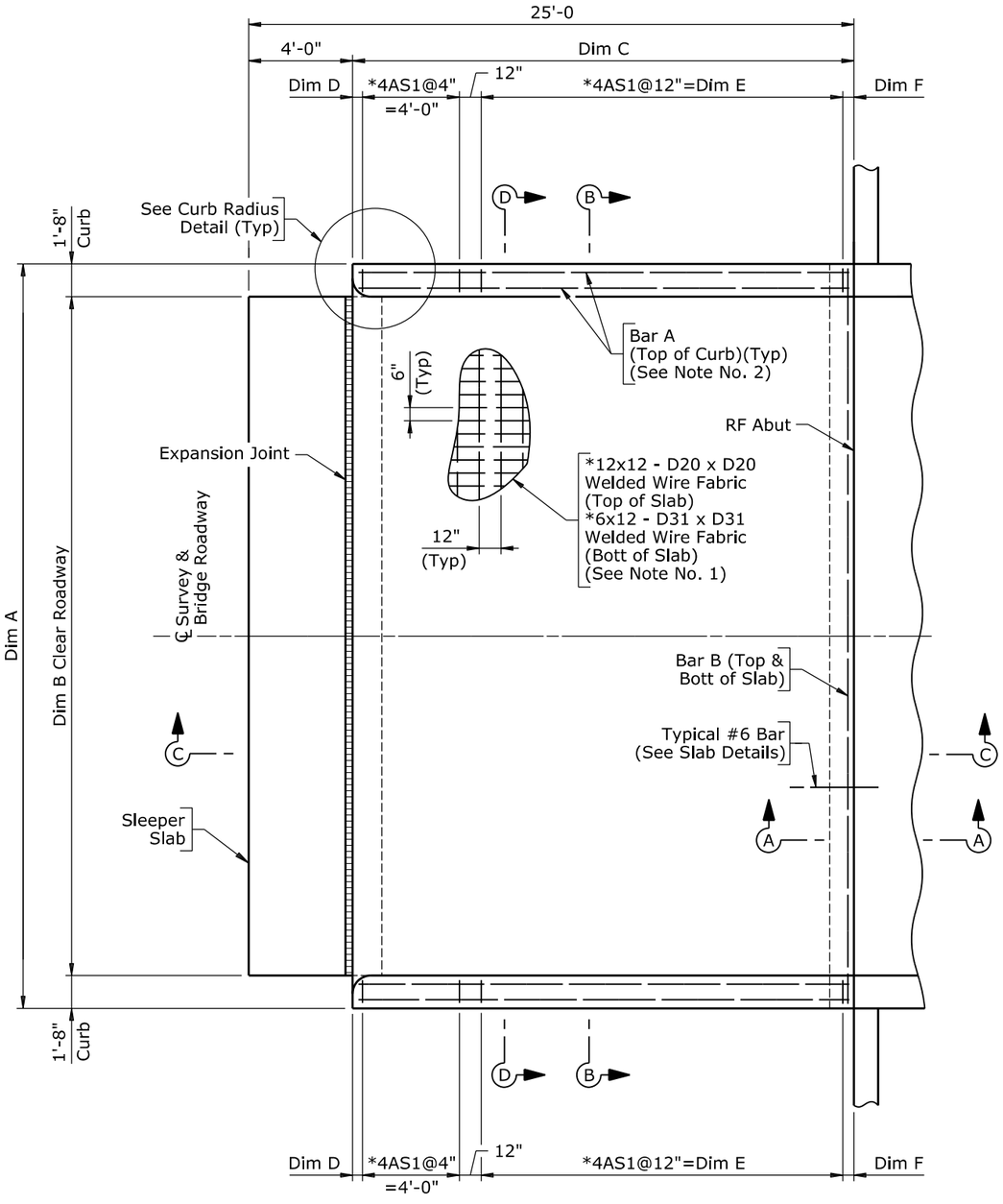
REVIEW I
APPROVAL I

DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

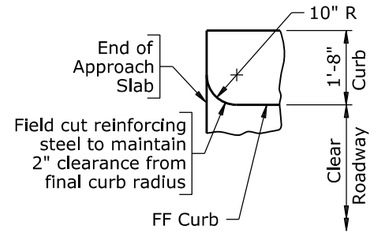
Standard Sheet Dated 6-3-24

X.dgn

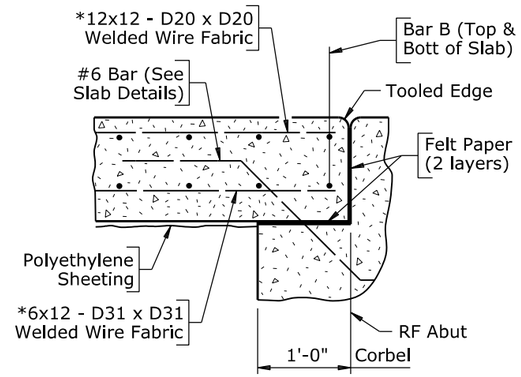


PLAN
(Abut No. 1 shown, Abut No. 2 similar)

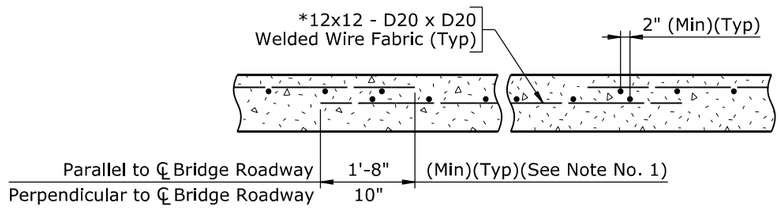
TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X'-X"
Dim C	21'-0"
Dim D	X"
Dim E	X'-X"
Dim F	X"



CURB RADIUS DETAIL



SECTION A-A



WELDED WIRE FABRIC LAP DETAIL
(*12x12- D20 x D20 shown, *6x12 - D31 x D31 similar)

Note: 1) Field cut welded wire fabric 2" clear from all edges of approach slab. Lap welded wire fabric as shown in the Welded Wire Fabric Lap Detail with a minimum of 2" overlap of parallel wires.
2) Field cut Bar A at ends of curbs to provide 2" clearance.
3) For Bridge Railing Details, see Sheets No. X-X.
4) For Slab Details, see Sheets No. X-X.
5) For Sections B-B, C-C and D-D, see Sheet No. X.
6) For Sleeper Slab Details and Expansion Joint Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_No Skew 350 Approach_ap1

REVIEW ____ I
APPROVAL ____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

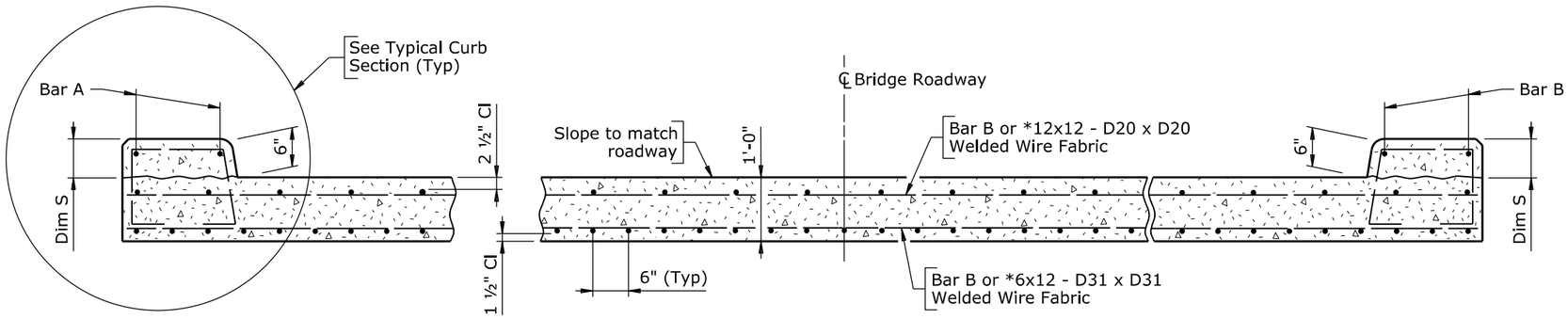
Standard Sheet Dated 6-3-24

X_ap1.dgn

Wyo. Proj. X

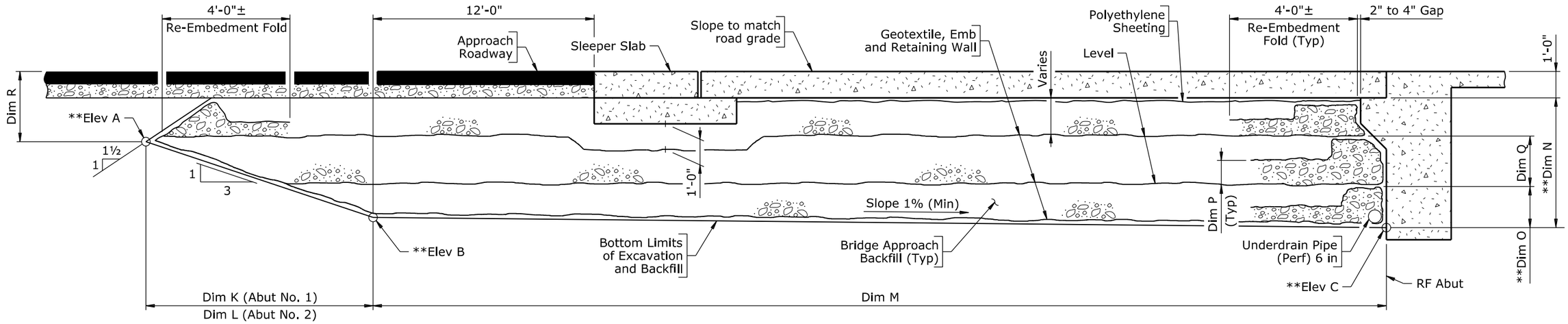
Sheet BX of BX Sheets

TABLE OF DIMENSIONS	
Dim I	X'-X" ±
Dim J	X'-X" ±
Dim K	X'-X" ±
Dim L	X'-X" ±
Dim M	X'-X"
**Dim N	X'-X"
**Dim O	X'-X"
Dim P	X"
Dim Q	X'-X"
Dim R	3'-0"±
Dim S	X"

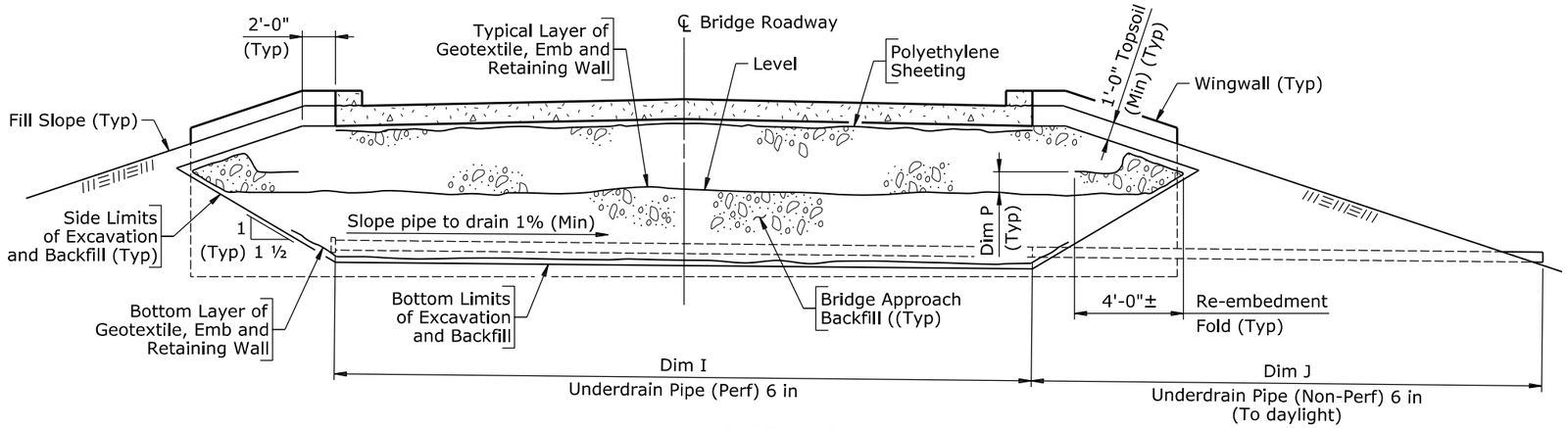


SECTION B-B

This Section C-C accounts for three layers of backfill



SECTION C-C



SECTION D-D

TABLE OF ELEVATIONS		
Elevation	Abut No. 1	Abut No. 2
A	X.X	X.X
B	X.X	X.X
C	X.X	X.X

Note:
1) Dimensions and elevations preceded by a double asterisk (**) are measured at ℄ Bridge Roadway.
2) Extend bottom layer of geotextile up side limits of excavation and backfill to bottom of first layer of geotextile.
3) For location of Sections B-B, C-C and D-D, see Sheet No. X.
4) For Typical Section Thur Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_No Skew 350 Approach_ap2

REVIEW I
APPROVAL I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X

Drwg No. X

Sheet X of X

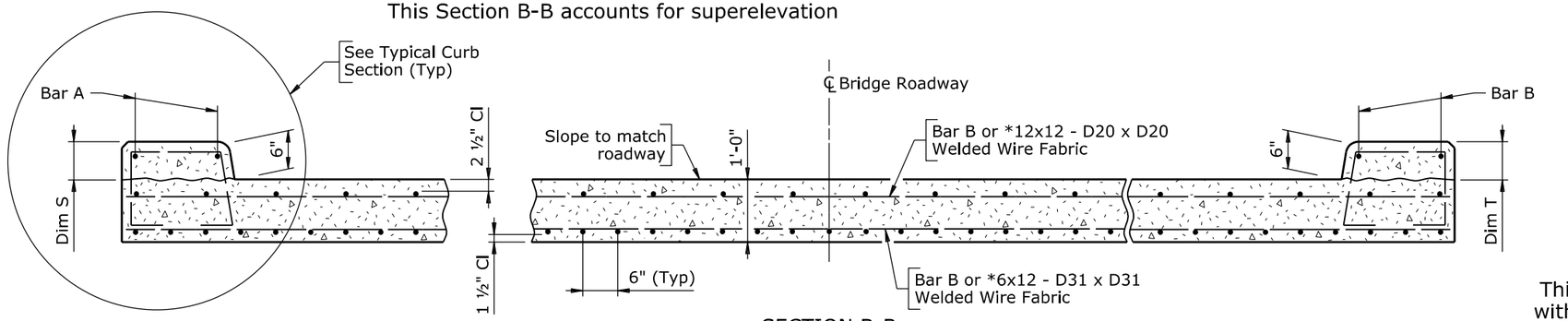
Standard Sheet Dated 6-3-24

X_ap2.dgn

Wyo. Proj. X

Sheet BX of BX Sheets

This Section B-B accounts for superelevation

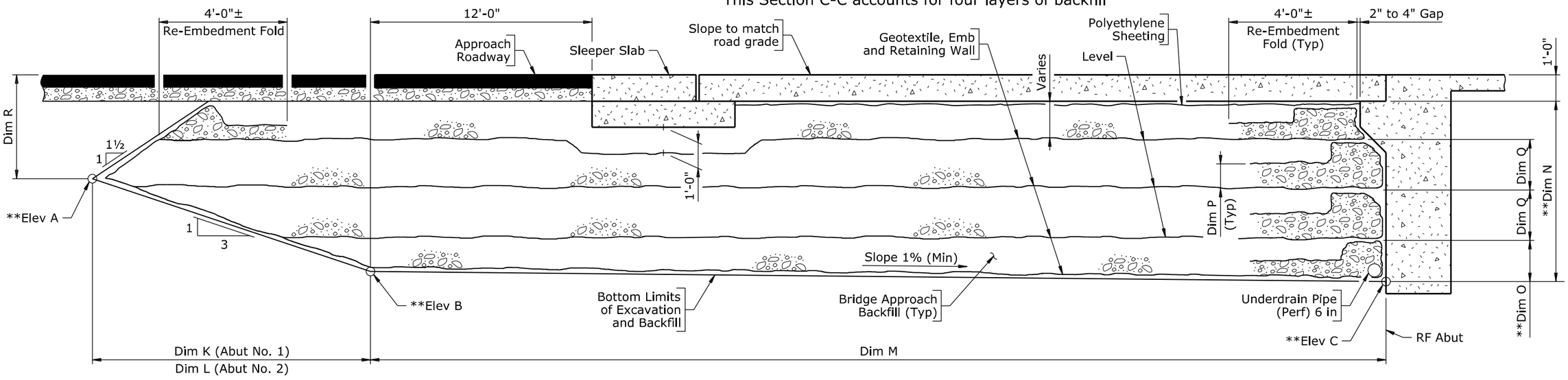


SECTION B-B

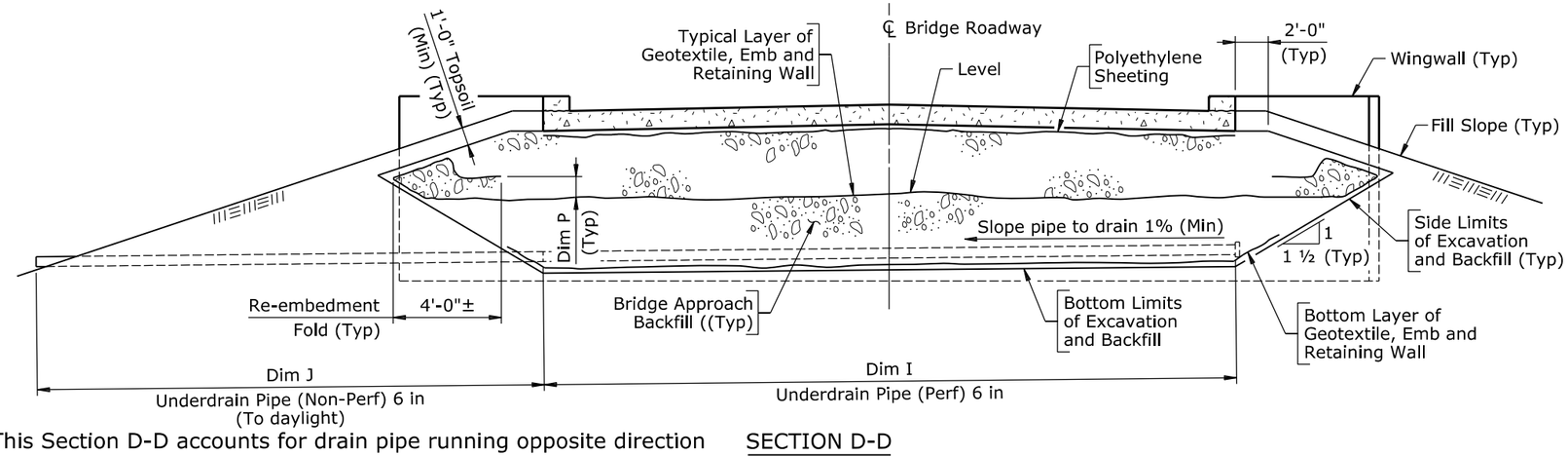
TABLE OF DIMENSIONS	
Dim I	X'-X" ±
Dim J	X'-X" ±
Dim K	X'-X" ±
Dim L	X'-X" ±
Dim M	X'-X"
**Dim N	X'-X"
**Dim O	X'-X"
Dim P	X"
Dim Q	X'-X"
Dim R	3'-0"±
Dim S	X"
Dim T	X"

This table is for str with super elevation Add Dim T to Outside Curb Height

This Section C-C accounts for four layers of backfill



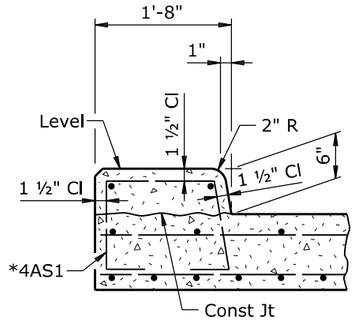
SECTION C-C



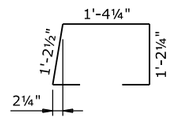
This Section D-D accounts for drain pipe running opposite direction SECTION D-D

Std_No Skew 350
Approach_ap2

Standard Sheet Dated 6-3-24



TYPICAL CURB SECTION

BILL OF REINFORCEMENT					
Location	Mark		Number Req'd Per Approach Slab		Bending Diagrams
Approach Slab and Curbs	*4AS1		X		
	Bar A	*4XX-X	4		
	Bar B	*6XX-X	2		
	¤*Weight		XX LB		
	Welded Wire Fabric Weight Per Approach Slab				
	*12x12 - D20 x D20		1.8 lb/sf	X LB	
	*6x12 - D31 x D31		3.9 lb/sf	X LB	
	¤*Weight		XX LB		

*4AS1 (Stirrup)
(4'-6")

Note: 1) Ensure the reinforcing steel fabricator prefixes approach slab bar and welded wire fabric marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
2) Reinforcing steel may be substituted for welded wire fabric on top and bottom mats. If substituted, use No. 4 bars at top of slab spaced 12" each way, and No. 6 bars at bottom of the slab, with longitudinal bars spaced at 6" and transverse bars spaced at 12". Use coated bars.
¤ 3) Approach slab reinforcing steel and welded wire fabric is not included in the quantity of reinforcing steel.
4) For location of Typical Section Thru Curb, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

APPROACH SLAB DETAILS

Std_No Skew_350 Approach_ap3

REVIEW I
APPROVAL I

DESIGN X ✓ X
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

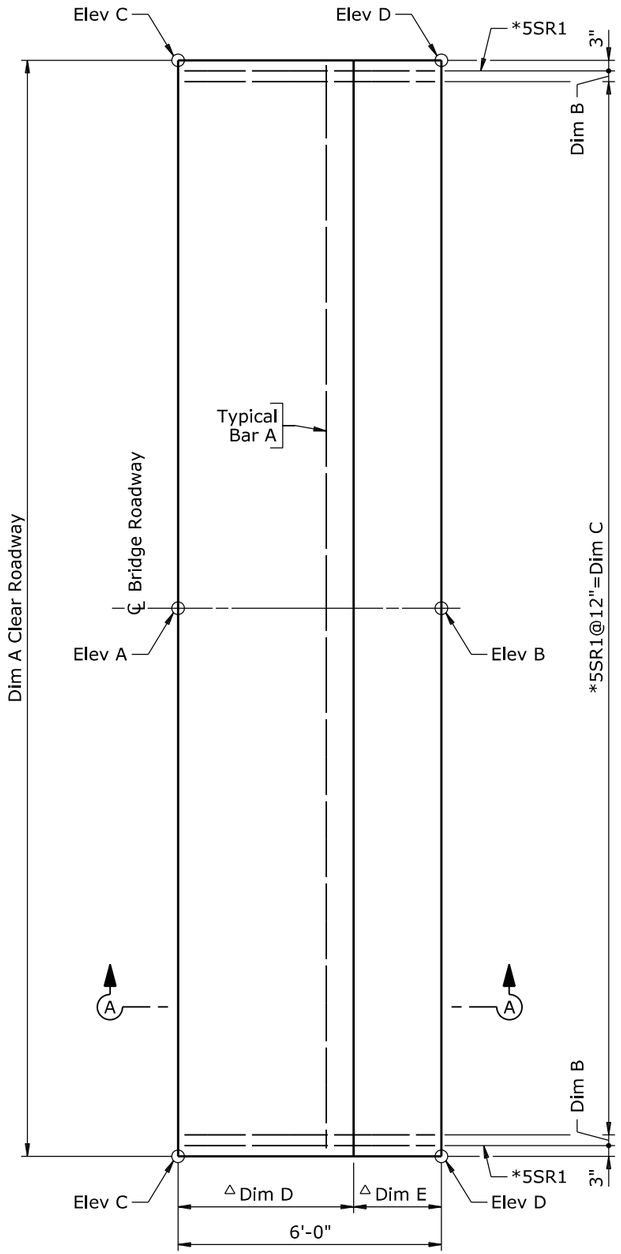
Standard Sheet Dated 6-3-24

X.dgn

6'-0 Sleeper Slab For Crowned Roadway

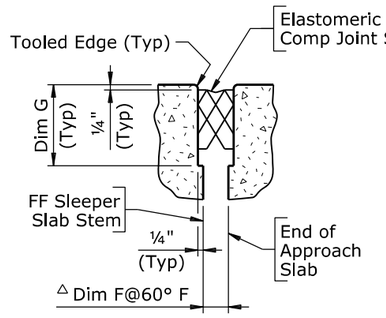
Wyo. Proj. X

Sheet BX of BX Sheets

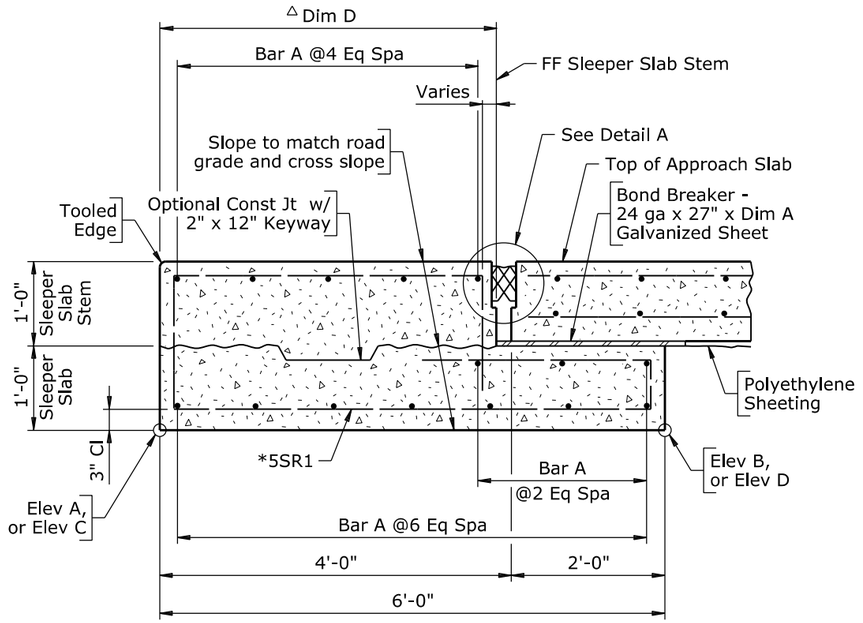


SLEEPER SLAB PLAN

(Abut No. 1 shown, Abut No. 2 similar)
(Expansion device and approach slab not shown)



DETAIL A

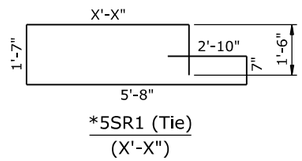


SECTION A-A

TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X"
Dim C	X'-X"
Dim D	△ X'-X"
Dim E	△X'-X"
Dim F	△X"
Dim G	X"

TABLE OF ELEVATIONS		
Elevation	Location	
	Abut No. 1	Abut No. 2
A	X.XX	X.XX
B	X.XX	X.XX
C	X.XX	X.XX
D	X.XX	X.XX

BILL OF REINFORCEMENT		
Location	Mark	Number Required per Sleeper Slab
Sleeper Slab, Sleeper Slab Stem	*5SR1	X
	Bar A *6XX-X	15
	*Weight	*XXXX LB
Bending Diagram		



*5SR1 (Tie)
(X'-X")

Note: △ 1) Increase the opening between the sleeper slab and approach slab X" for each X° F below 60° F and decrease the opening X" for each X° F above 60° F. Account for variance in sleeper slab stem forming.
2) Ensure the reinforcing steel fabricator prefixes sleeper slab and sleeper slab stem bar marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
3) The estimated quantity of class A concrete for the sleeper slab and sleeper slab stem is X.X CY per Sleeper Slab.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

SLEEPER SLAB DETAILS

Std_Sleeper_sr1
_Elasto_Crown

REVIEW _____ I
APPROVAL _____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

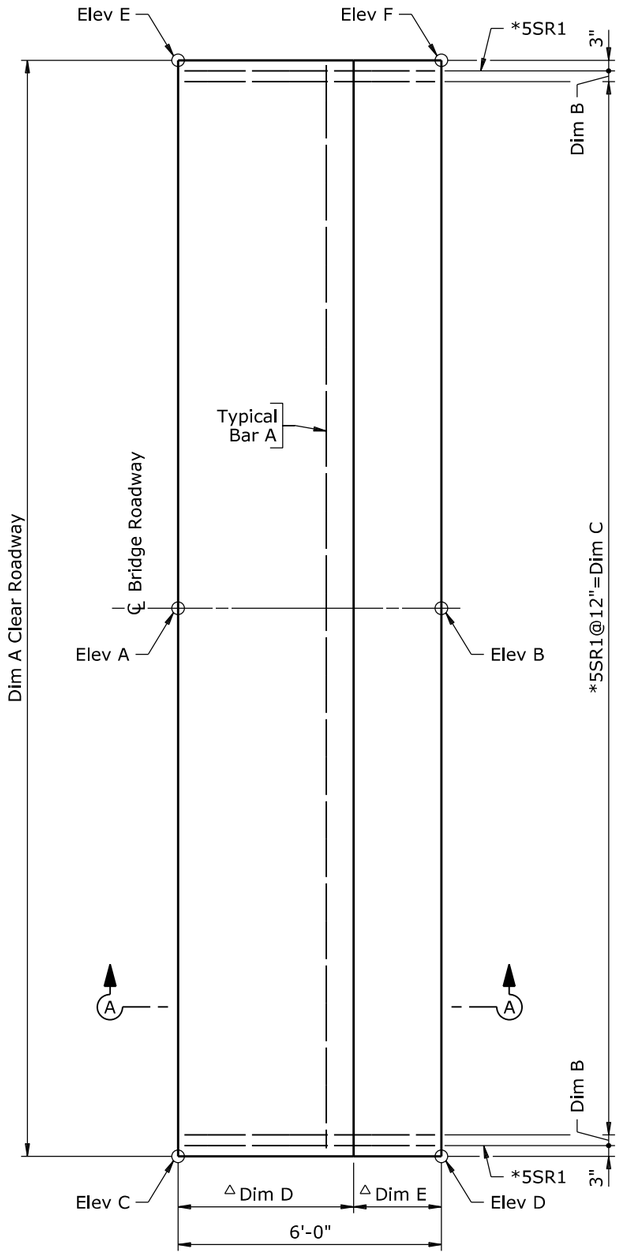
Standard Sheet Dated 6-3-24

X_1sr.dgn

6'-0 Sleeper Slab For Superelevation

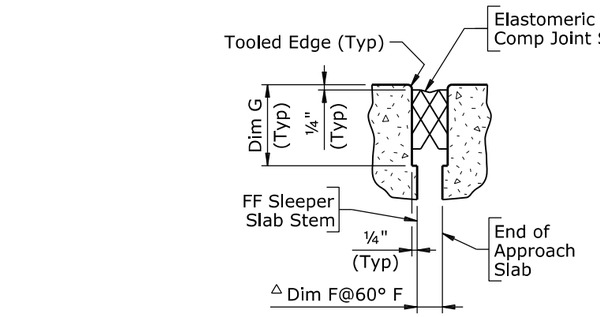
Wyo. Proj. X

Sheet BX of BX Sheets

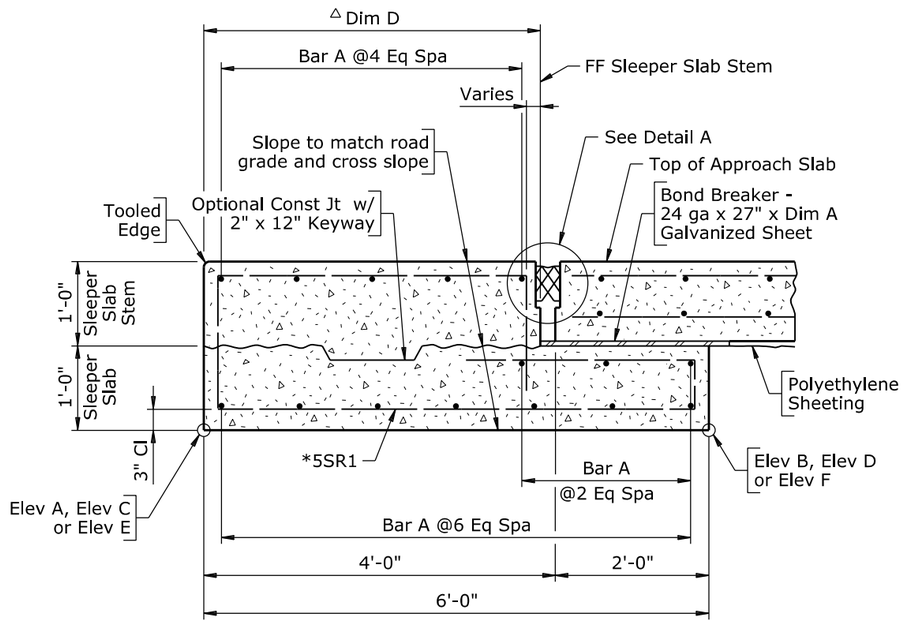


SLEEPER SLAB PLAN

(Abut No. 1 shown, Abut No. 2 similar)
(Expansion device and approach slab not shown)



DETAIL A

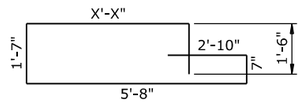


SECTION A-A

TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X"
Dim C	X'-X"
Dim D	△ X'-X"
Dim E	△X'-X"
Dim F	△X"
Dim G	X"

TABLE OF ELEVATIONS		
Elevation	Location	
	Abut No. 1	Abut No. 2
A	X.XX	X.XX
B	X.XX	X.XX
C	X.XX	X.XX
D	X.XX	X.XX
E	X.XX	X.XX
F	X.XX	X.XX

BILL OF REINFORCEMENT		
Location	Mark	Number Required per Sleeper Slab
Sleeper Slab, Sleeper Slab Stem	*5SR1	X
	Bar A *6XX-X	15
	*Weight	*XXXX LB
Bending Diagram		



*5SR1 (Tie)
(X'-X")

Note: △ 1) Increase the opening between the sleeper slab and approach slab X" for each X° F below 60° F and decrease the opening X" for each X° F above 60° F. Account for variance in sleeper slab stem forming.
2) Ensure the reinforcing steel fabricator prefixes sleeper slab and sleeper slab stem bar marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
3) The estimated quantity of class A concrete for the sleeper slab and sleeper slab stem is X.X CY per Sleeper Slab.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

SLEEPER SLAB DETAILS

Std_Sleeper_sr2 _Elasto_Super

REVIEW _____ I
APPROVAL _____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

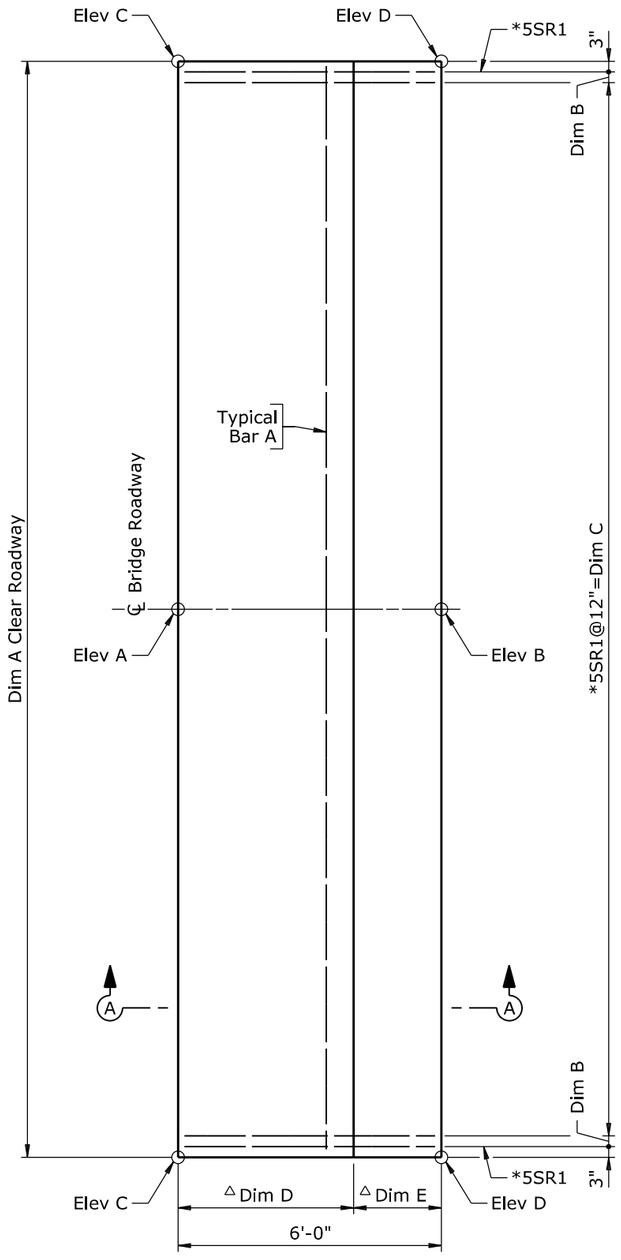
Standard Sheet Dated 6-3-24

X_1sr.dgn

6'-0 Sleeper Slab For Crowned Roadway

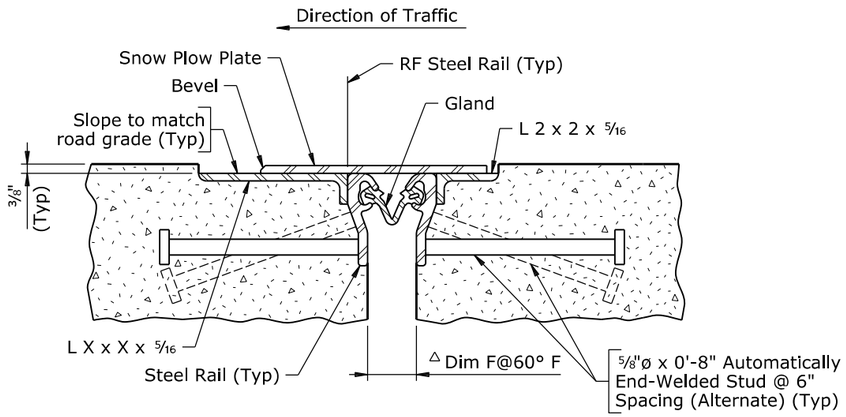
Wyo. Proj. X

Sheet BX of BX Sheets

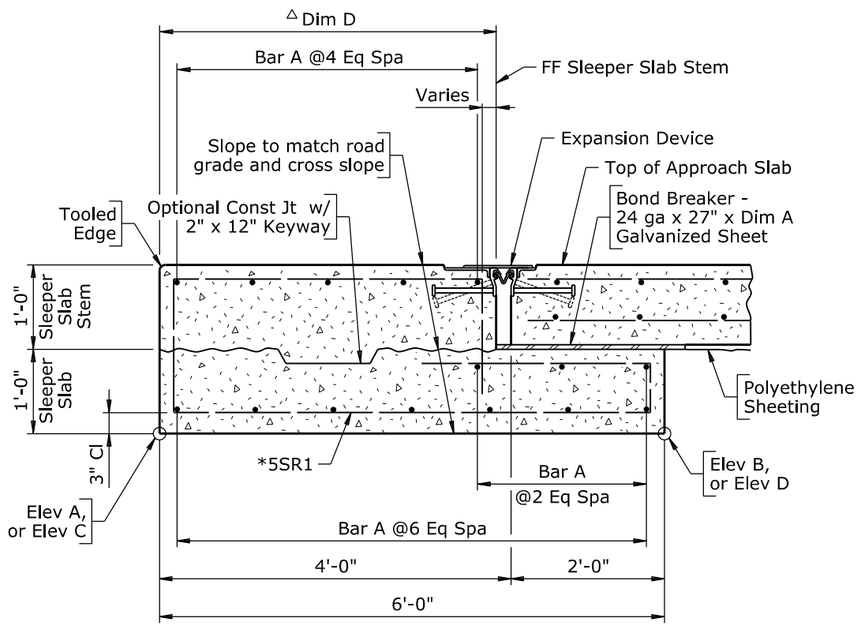


SLEEPER SLAB PLAN

(Abut No. 1 shown, Abut No. 2 similar)
(Expansion device and approach slab not shown)



TYPICAL SECTION THRU EXPANSION DEVICE

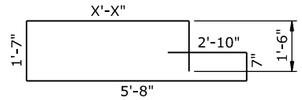


SECTION A-A

TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X"
Dim C	X'-X"
Dim D	△ X'-X"
Dim E	△X'-X"
Dim F	△X"

TABLE OF ELEVATIONS		
Elevation	Location	
	Abut No. 1	Abut No. 2
A	X.XX	X.XX
B	X.XX	X.XX
C	X.XX	X.XX
D	X.XX	X.XX

BILL OF REINFORCEMENT		
Location	Mark	Number Required per Sleeper Slab
Sleeper Slab, Sleeper Slab Stem	*5SR1	X
	Bar A *6XX-X	15
	*Weight	*XXXX LB
Bending Diagram		



*5SR1 (Tie)
(X'-X")

Note: △ 1) Increase the opening between the sleeper slab and approach slab X" for each X° F below 60° F and decrease the opening X" for each X° F above 60° F. Account for variance in sleeper slab stem forming.
2) Ensure the reinforcing steel fabricator prefixes sleeper slab and sleeper slab stem bar marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
3) The estimated quantity of class A concrete for the sleeper slab and sleeper slab stem is X.X CY per Sleeper Slab.
4) For Expansion Device Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

SLEEPER SLAB DETAILS

Std_Sleeper_sr3
_Strip_Crown

REVIEW I
APPROVAL I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

Design Section X
Drwg No. X
Sheet X of X

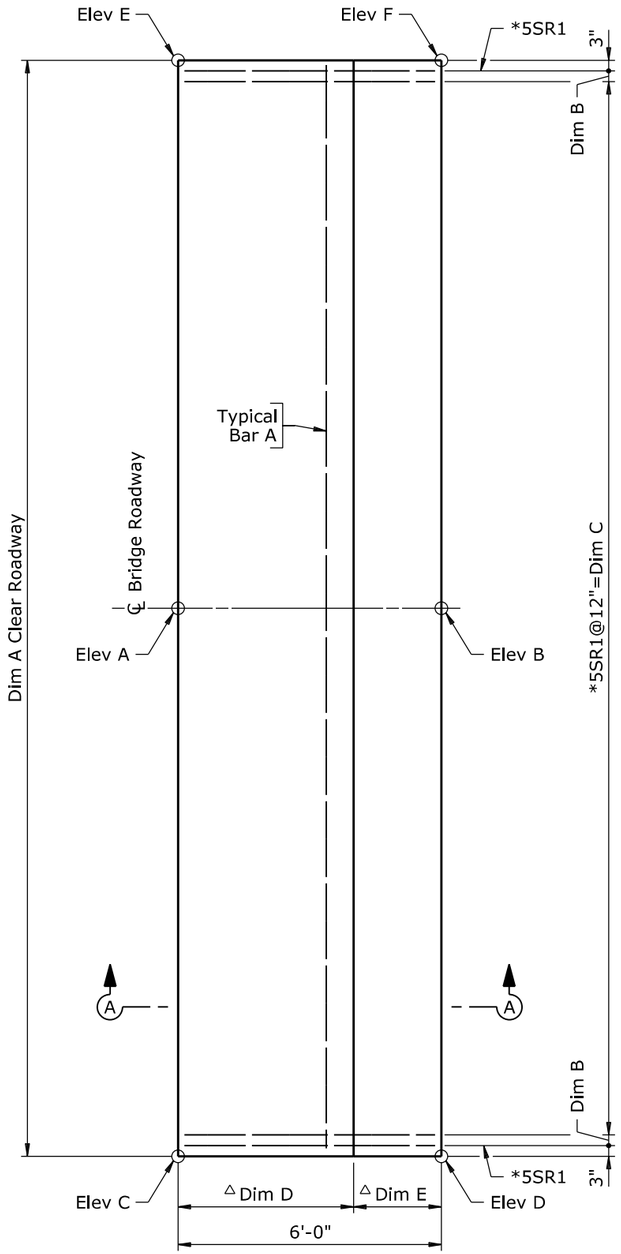
Standard Sheet Dated 6-3-24

X_1sr.dgn

6'-0 Sleeper Slab For Superelevation

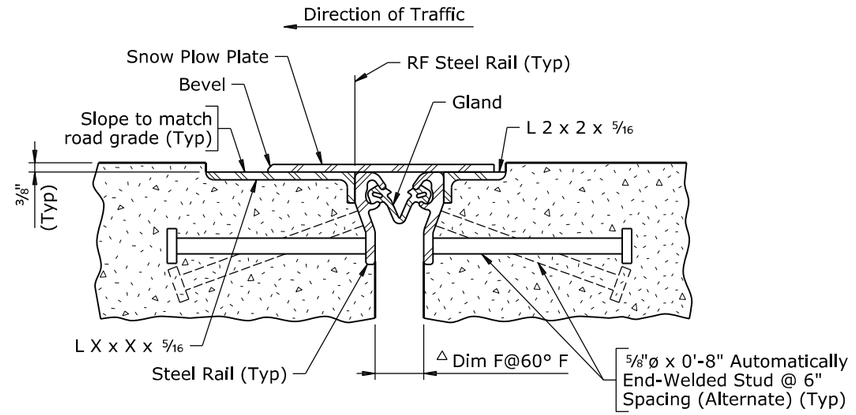
Wyo. Proj. X

Sheet BX of BX Sheets

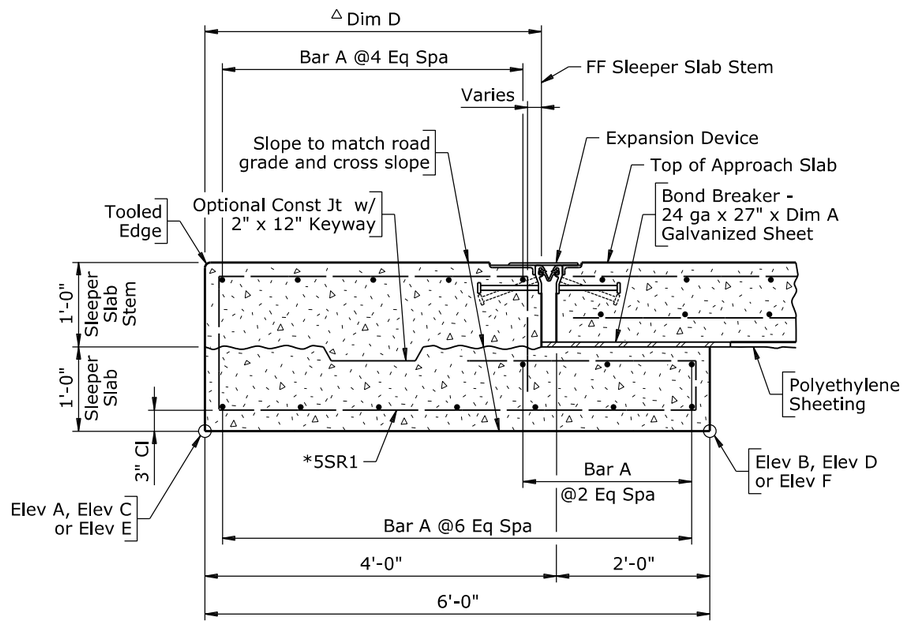


SLEEPER SLAB PLAN

(Abut No. 1 shown, Abut No. 2 similar)
(Expansion device and approach slab not shown)



TYPICAL SECTION THRU EXPANSION DEVICE

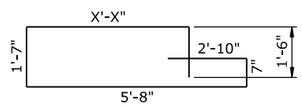


SECTION A-A

TABLE OF DIMENSIONS	
Dim A	X'-X"
Dim B	X"
Dim C	X'-X"
Dim D	△ X'-X"
Dim E	△X'-X"
Dim F	△X"

TABLE OF ELEVATIONS		
Elevation	Location	
	Abut No. 1	Abut No. 2
A	X.XX	X.XX
B	X.XX	X.XX
C	X.XX	X.XX
D	X.XX	X.XX
E	X.XX	X.XX
F	X.XX	X.XX

BILL OF REINFORCEMENT		
Location	Mark	Number Required per Sleeper Slab
Sleeper Slab, Sleeper Slab Stem	*5SR1	X
	Bar A *6XX-X	15
	*Weight	*XXXX LB
Bending Diagram		



*5SR1 (Tie)
(X'-X")

Note: △ 1) Increase the opening between the sleeper slab and approach slab X" for each X° F below 60° F and decrease the opening X" for each X° F above 60° F. Account for variance in sleeper slab stem forming.
2) Ensure the reinforcing steel fabricator prefixes sleeper slab and sleeper slab stem bar marks with numeral X for Abutment No. 1 and numeral X for Abutment No. 2.
3) The estimated quantity of class A concrete for the sleeper slab and sleeper slab stem is X.X CY per Sleeper Slab.
4) For Expansion Device Details, see Sheet No. X.

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

SLEEPER SLAB DETAILS

Std_Sleeper_sr4 _Strip_Super

REVIEW ____ I
APPROVAL ____ I

DESIGN ____ ✓ ____
DETAIL X ✓ X
QTY'S X ✓ X

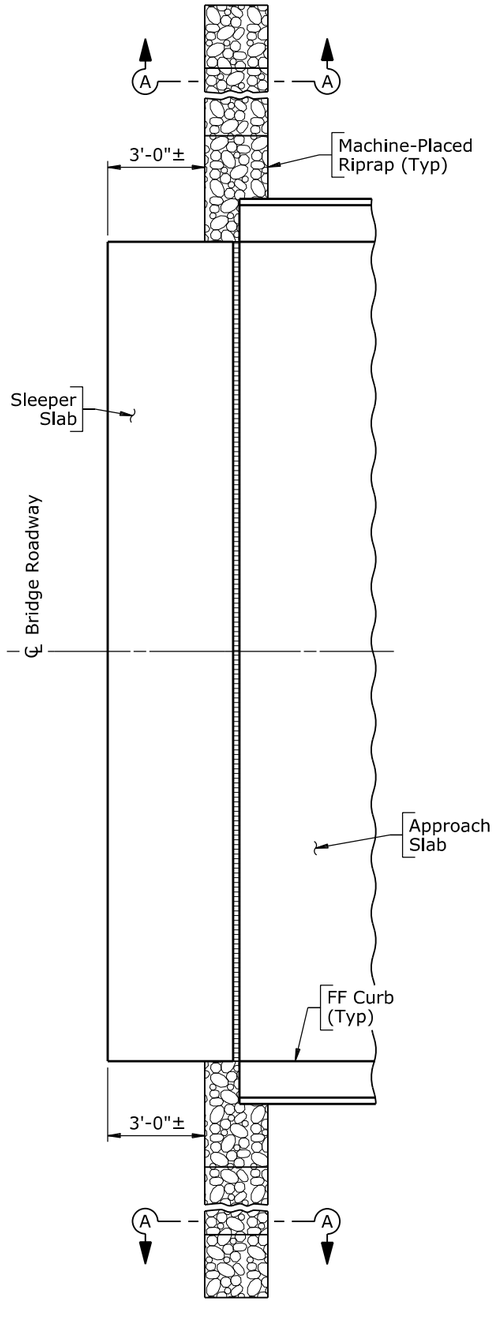
Design Section X
Drwg No. X
Sheet X of X

Standard Sheet Dated 6-3-24

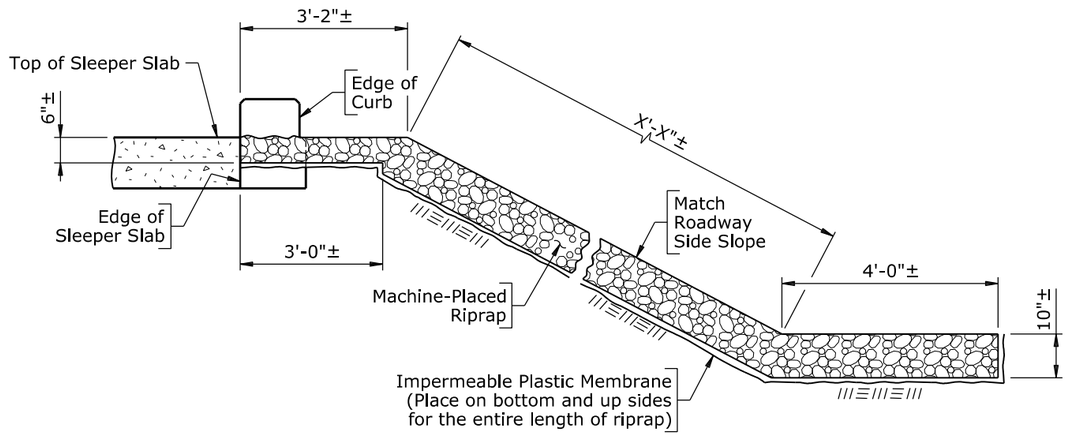
X_1sr.dgn

Place the following note in the General Notes.

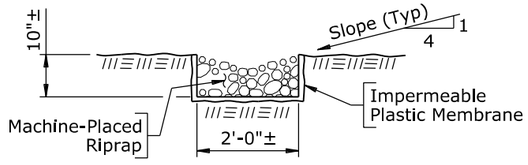
MACHINE-PLACED RIPRAP: Use stones in accordance with Subsection 803.14.5 Stone-Filled Gabions from a contractor furnished source.



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



TYPICAL SECTION



SECTION A-A

WYOMING DEPARTMENT OF TRANSPORTATION
BRIDGE PROGRAM

REVISIONS

EROSION CONTROL DETAILS

Std_Erosion_1er

REVIEW I	DESIGN ____ ✓ ____	Design Section X	
APPROVAL I	DETAIL X ✓ X	Drwg No. X	Sheet X of X
	QTY'S X ✓ X		

Standard Sheet Dated 6-3-24

X_1er.dgn