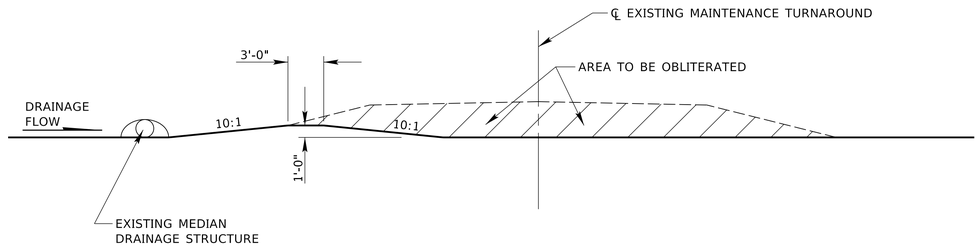
Standard Details

Table of Contents

August 1, 2025



SECTION

OBLITERATION OF EXISTING MAINTENANCE TURNAROUND

COMPUTER: BG041904187
DATE: 10-SEP-2024 15:03
FILE: 1111 5 R1.dgn

Project Number

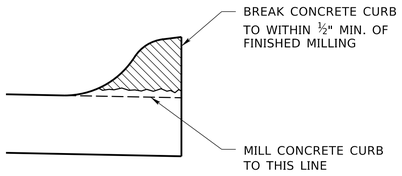
C.N.

OBLITERATION OF EXISTING MAINTENANCE TURNAROUND

STANDARD DETAIL

NEBRASKA
Good Life. Great Journey.
DEPARTMENT OF TRANSPORTATION

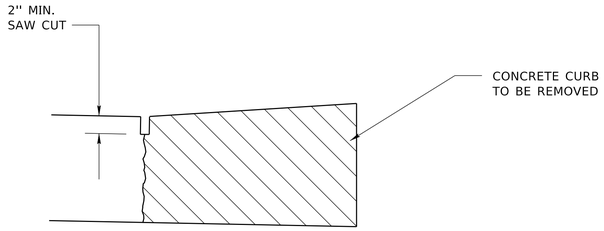
Roadway Design Division



CURB REMOVAL DETAIL

VIEW 1

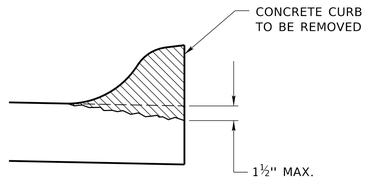
(THIS SKETCH IS TO BE USED WHEN
SURFACE WILL NOT BE OVERLAYED)



CURB REMOVAL DETAIL

VIEW 3

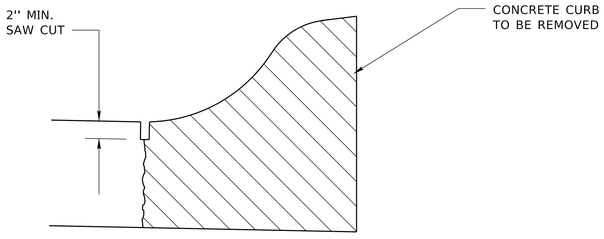
(THIS CAN ALSO BE REMOVED AS PAVEMENT)



CURB REMOVAL DETAIL

VIEW 2

(THIS SKETCH IS TO BE USED WHEN
SURFACE WILL BE OVERLAYED)



CURB REMOVAL DETAIL

VIEW 4

NOTE:
THIS SKETCH IS NORMALLY NOT REQUIRED AS IT
IS COVERED IN THE SPECS. HOWEVER IF THE
CURB IS TO BE REMOVED MORE THAN 1 WAY ON
A PROJECT EACH SHOULD HAVE A SKETCH AND
IDENTIFY WHERE IT IS APPLICABLE

(THIS CAN ALSO BE REMOVED AS PAVEMENT)

COMPUTER: BG04190187
DATE: 10-SEP-2024 15:06
FILE: 1380 5 R1.dgn

Project Number

C.N.

CURB REMOVAL DETAIL
STANDARD DETAIL

NEBRASKA
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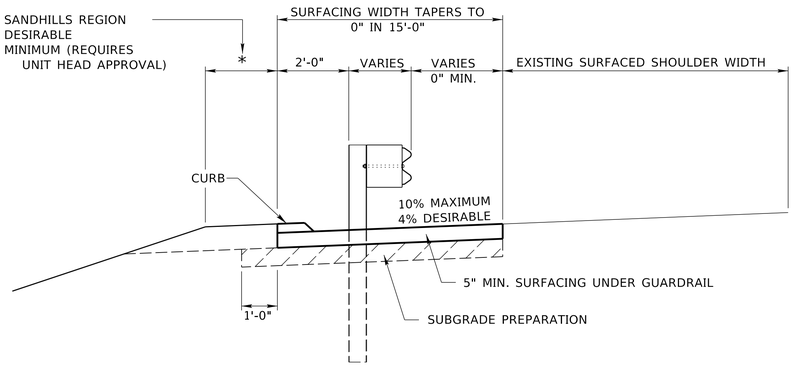
DEPARTMENT OF TRANSPORTATION

Roadway
Design
Division

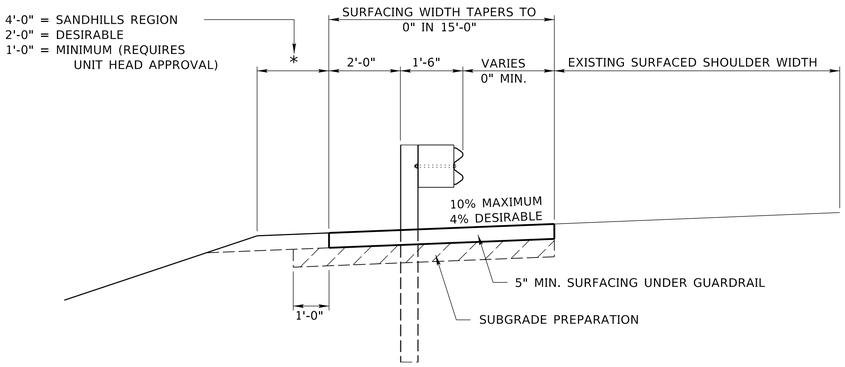
VIEW 1



SURFACE UNDER GUARDRAIL

(SURFACED SHOULDER WIDENING WITH CURB AT GUARDRAIL LOCATIONS)

VIEW 2



SURFACE UNDER GUARDRAIL

(SURFACED SHOULDER WIDENING AT GUARDRAIL LOCATIONS)

Project Number

C.N.

SURFACING UNDER GUARDRAIL - 31"

STANDARD DETAIL

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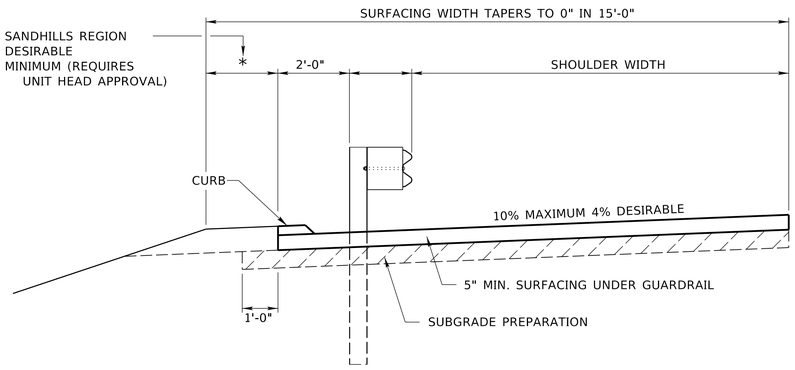
Roadway Design Division

COMPUTER: BG0419M187

DATE: 10-SEP-2024 15:05

FILE: 1731 5 R3.dgn

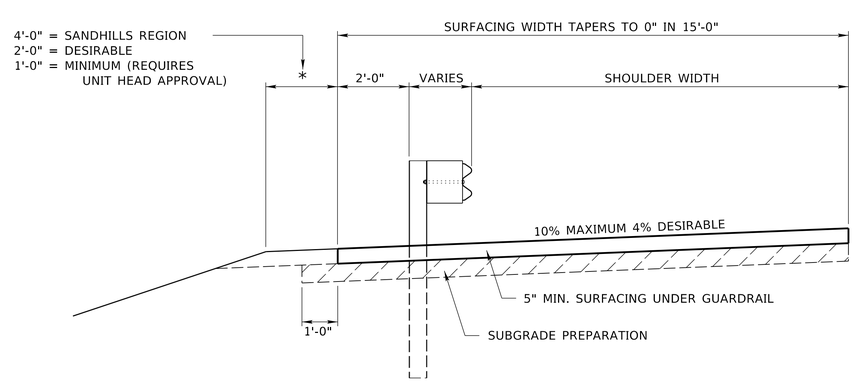
VIEW 3



SURFACE UNDER GUARDRAIL

NON-SURFACED SHOULDER WITH CURB AT GUARDRAIL LOCATIONS

VIEW 4



SURFACE UNDER GUARDRAIL

NON-SURFACED SHOULDER AT GUARDRAIL LOCATIONS

Project Number

C.N.

SURFACING UNDER GUARDRAIL - 31"

STANDARD DETAIL

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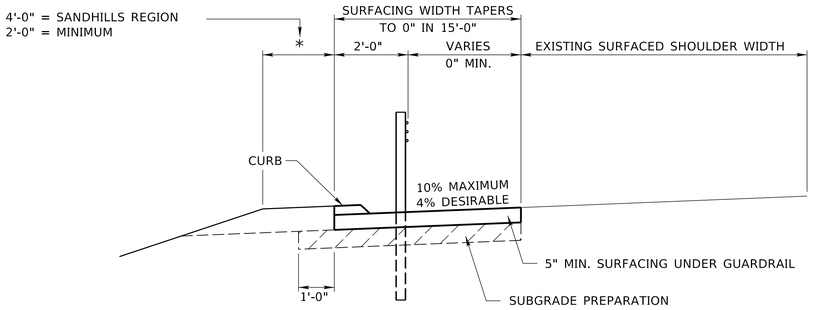
Roadway Design Division

COMPUTER: BG0419M187

DATE: 10-SEP-2024 15:05

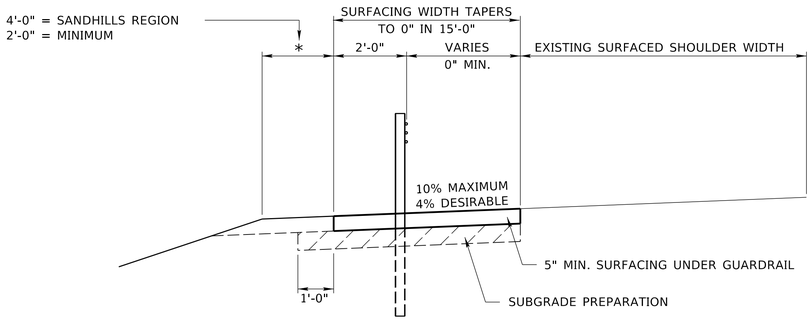
FILE: 1731 5 R3.dgn

VIEW 5



SURFACE UNDER GUARDRAIL
SURFACED SHOULDER WIDENING WITH CURB AT CABLE GUARDRAIL LOCATIONS

VIEW 6



SURFACE UNDER GUARDRAIL
SURFACED SHOULDER WIDENING AT CABLE GUARDRAIL LOCATIONS

Project Number

C.N.

SURFACING UNDER GUARDRAIL - 31"

STANDARD DETAIL

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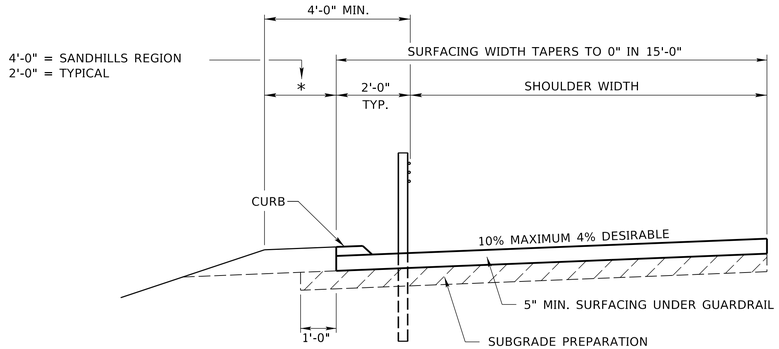
Roadway Design Division

COMPUTER: BG0419M187
DATE: 10-SEP-2024 15:05
FILE: 1731 5 R3.dgn

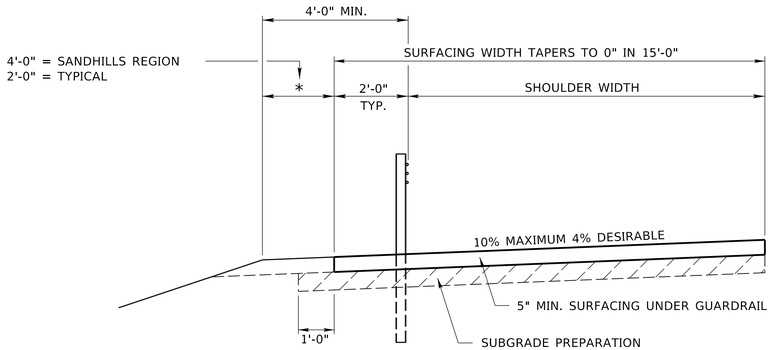
VIEW 7



SURFACE UNDER GUARDRAIL

NON-SURFACED SHOULDER WITH CURB AT CABLE GUARDRAIL LOCATIONS

VIEW 8



SURFACE UNDER GUARDRAIL

NON-SURFACED SHOULDER AT CABLE GUARDRAIL LOCATIONS

SURFACING UNDER GUARDRAIL - 31"

STANDARD DETAIL

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Roadway Design Division

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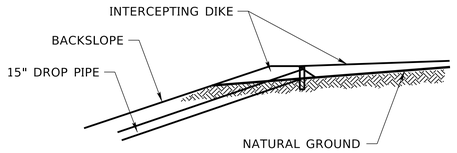
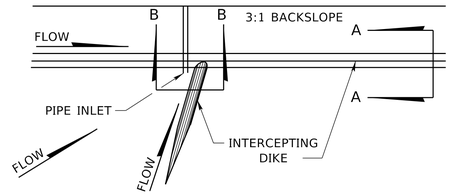
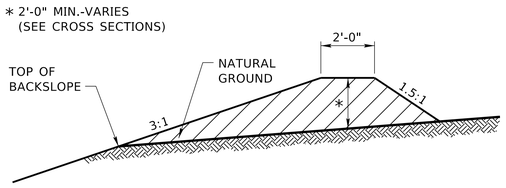


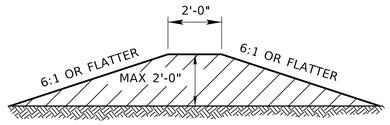
ELEVATION OF INTERCEPTING DIKES



PLAN VIEW OF INTERCEPTING DIKES



SECTION A-A OF INTERCEPTING DIKE



SECTION B-B OF INTERCEPTING DIKE

DESIGN OF INTERCEPTING DIKES

1 OF 1

Project Number

C.N.

DESIGN OF INTERCEPTING DIKES
STANDARD DETAIL

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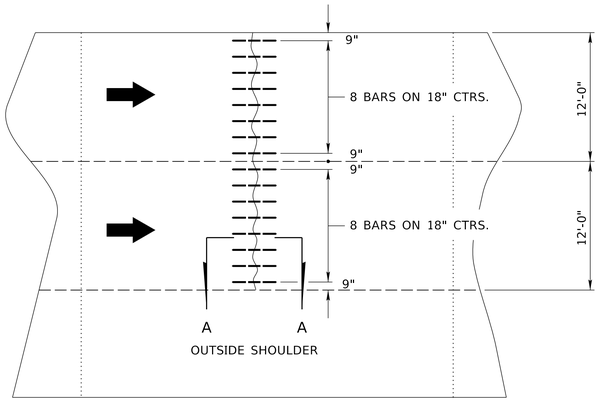
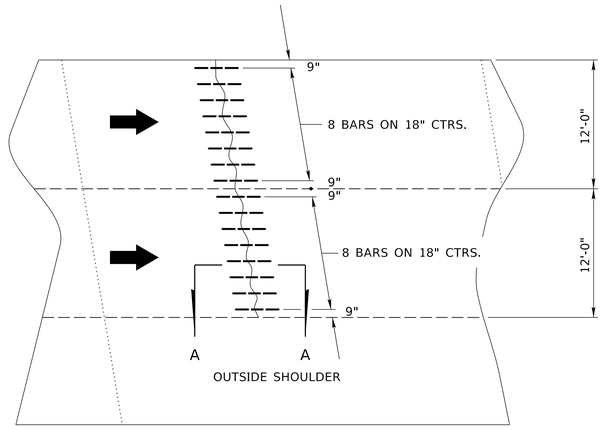
COMPUTER: BG041904187
DATE: 10-SEP-2024 15:03
FILE: 1920 5 R0.dgn



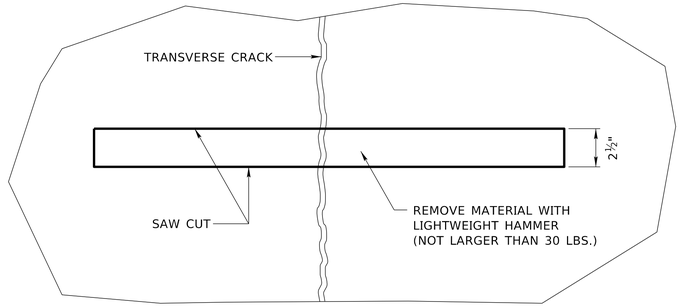
NOTE: TRANSVERSE JOINT SPACING AT 16'-6"

DEFORMED BAR SPACING
(DOWELED CONCRETE PAVEMENT)

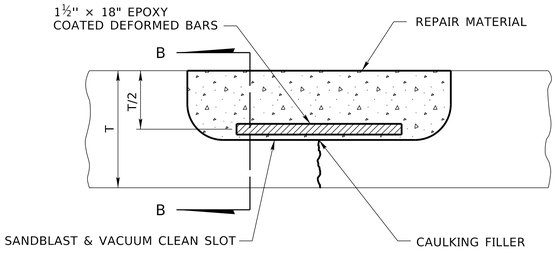


NOTE: SKEWED TRANSVERSE JOINT SPACING AT 16'-6"

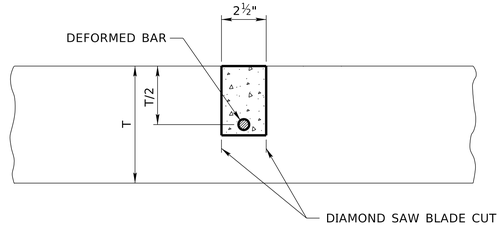
DEFORMED BAR SPACING
(PLAIN CONCRETE PAVEMENT)



PLAN VIEW DEFORMED BAR SLOT MATERIAL REMOVAL



SECTION A-A



SECTION B-B

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DATE: 10-SEP-2024 11:20
FILE: 3290_5_R5.dgn

Project Number

C.N.

CONCRETE PAVEMENT REPAIR
STANDARD DETAIL

NEBRASKA
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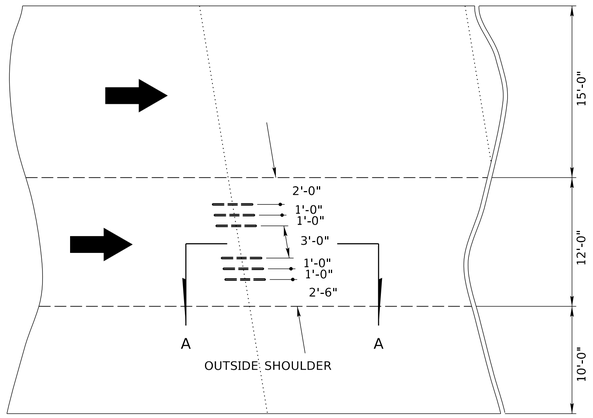
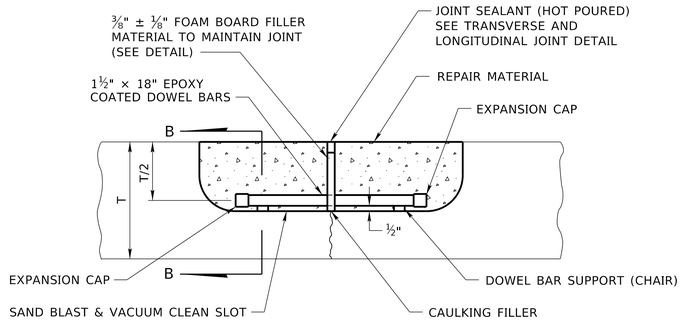
DEPARTMENT OF TRANSPORTATION

Roadway
Design
Division

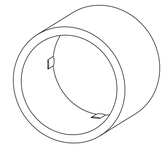


NOTE: SKEWED TRANSVERSE JOINT SPACING AT 16'-6"

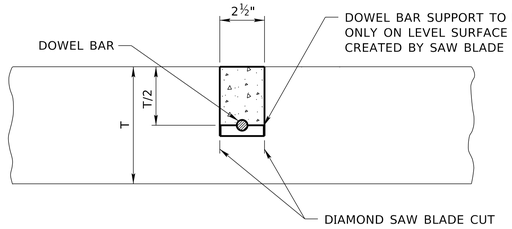
RETROFIT DOWEL BAR SPACING



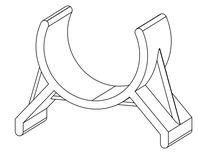
SECTION A-A



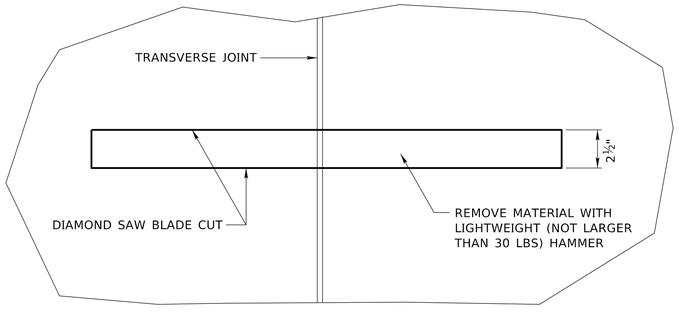
EXPANSION CAP



SECTION B-B

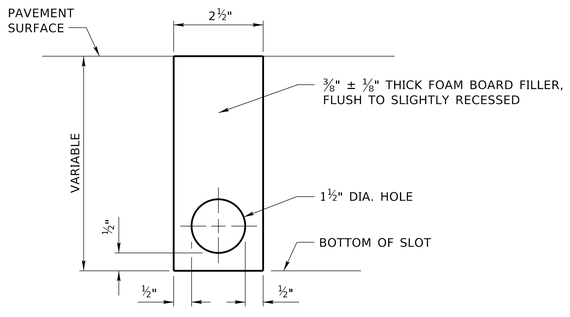


DOWEL BAR SUPPORT (CHAIR)



PLAN VIEW DOWEL BAR RETROFIT SLOT MATERIAL REMOVAL

NOTE:
THE 12'-0" DRIVING LANE WHERE THE DOWEL BAR RETROFIT IS PLACED SHALL BE SAWED AND SEALED ACCORDING TO THE TRANSVERSE JOINT DETAIL.



FOAM BOARD FILLER DETAIL

CONCRETE PAVEMENT REPAIR
STANDARD DETAIL

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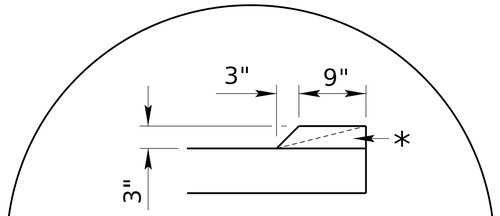
DEPARTMENT OF TRANSPORTATION

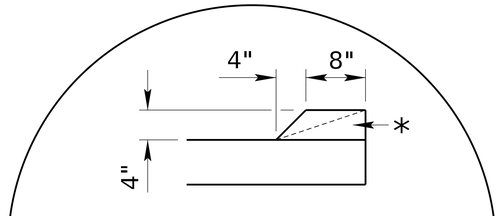
Roadway Design Division

COMPUTER: BG04139M187
DATE: 10-SEP-2024 11:20
FILE: 3290 5 R5.dgn



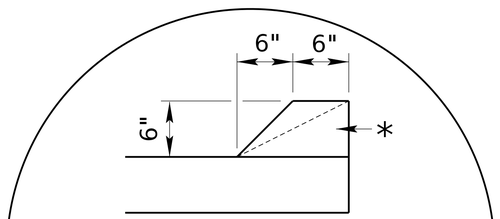
3" CURB DETAIL
(ASPHALT)

* ALTERNATIVE INTEGRAL SLOPED CURB



4" CURB DETAIL
(ASPHALT)

* ALTERNATIVE INTEGRAL SLOPED CURB



6" CURB DETAIL
(ASPHALT)

* ALTERNATIVE INTEGRAL SLOPED CURB

1 OF 1

Project Number

C.N.

ASPHALTIC CONCRETE CURB DETAILS
STANDARD DETAIL

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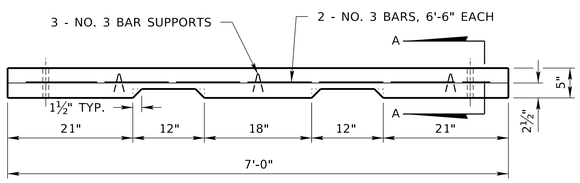
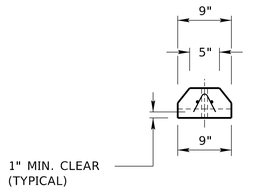
Roadway Design Division

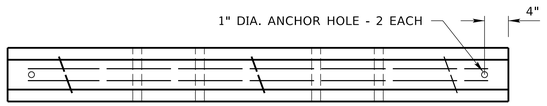
COMPUTER: BG04139M187
DATE: 10-SEP-2024 11:20
FILE: 3400 5 R0.dgn



ELEVATION

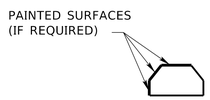


SECTION A-A



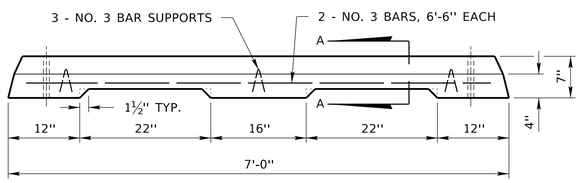
NOTE: PRECAST CONCRETE CURB STOP SHALL BE ANCHORED WITH NO. 7 BARS 18" IN LENGTH

PLAN

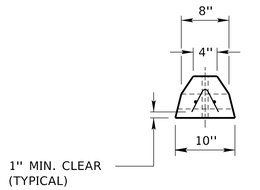


PAINTING DETAIL

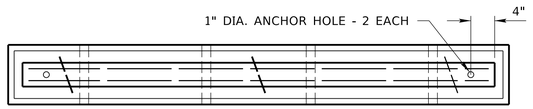
DETAIL OF 5" PRECAST CONCRETE CURB STOP



ELEVATION

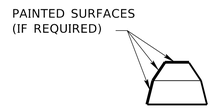


SECTION A-A



NOTE: PRECAST CONCRETE CURB STOP SHALL BE ANCHORED WITH NO. 7 BARS 18" IN LENGTH

PLAN



PAINTING DETAIL

DETAIL OF 7" PRECAST CONCRETE CURB STOP

1 OF 1

Project Number

C.N.

DETAIL OF PRECAST CONCRETE CURB STOP

STANDARD DETAIL

NEBRASKA
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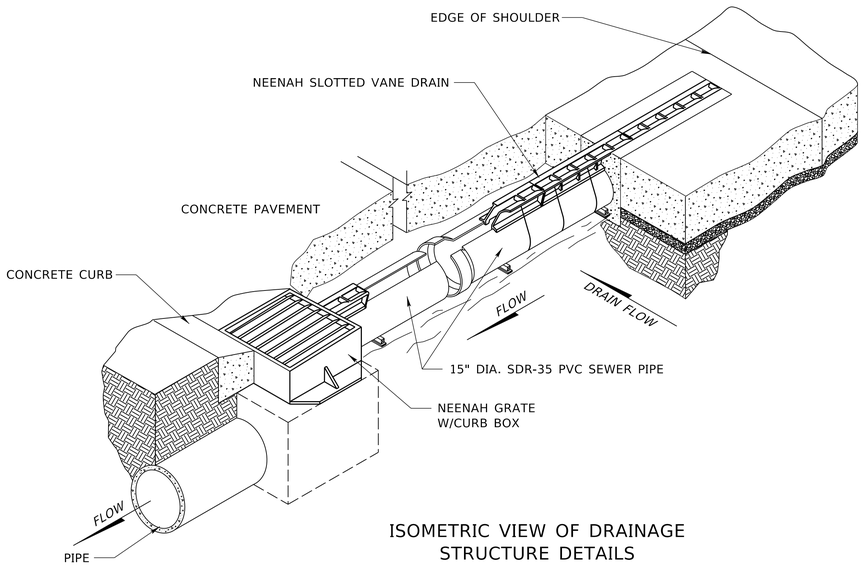
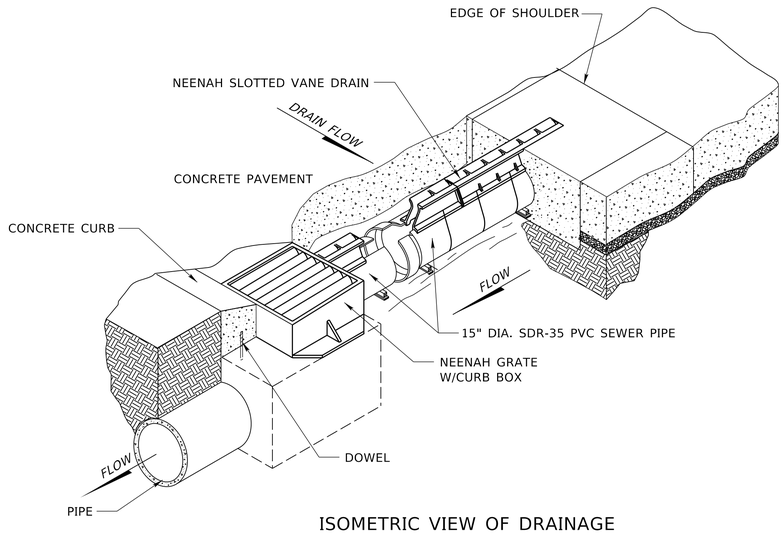
DEPARTMENT OF TRANSPORTATION

Roadway Design Division

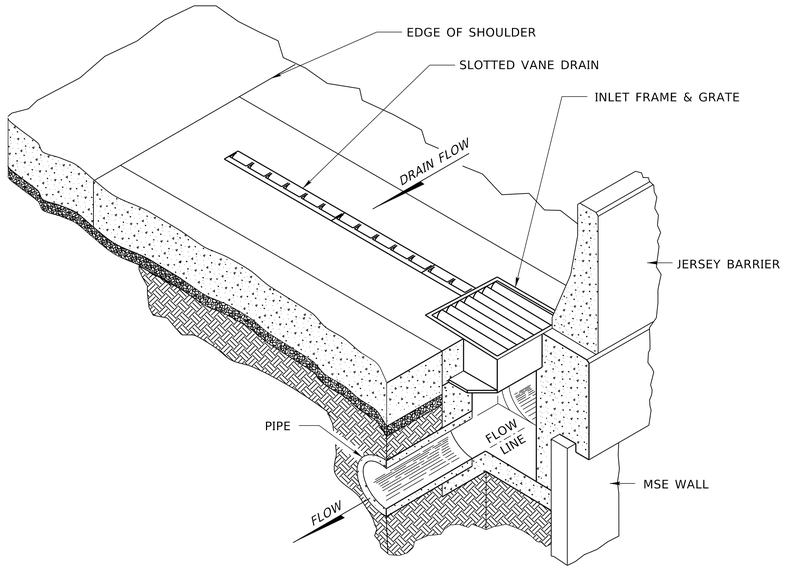
COMPUTER: BG0419M187
DATE: 10-SEP-2024 11:20
FILE: 3810 5 R2.dgn



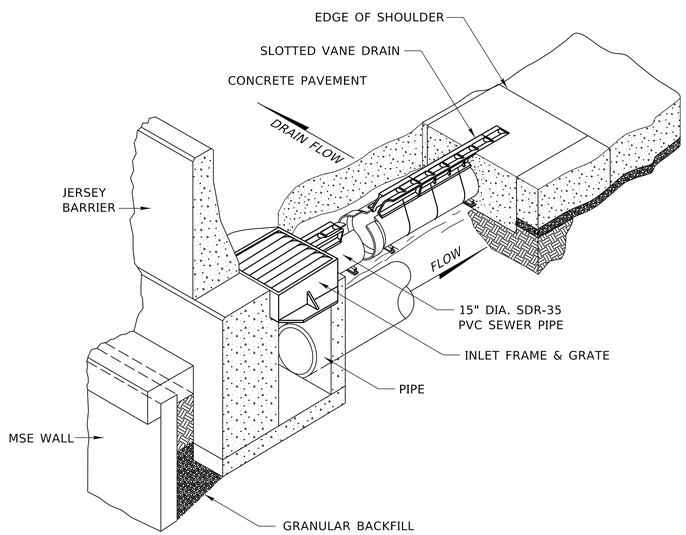
ISOMETRIC VIEW OF DRAINAGE
STRUCTURE DETAILS
STA. ****



ISOMETRIC VIEW OF DRAINAGE
STRUCTURE DETAILS
STA. ****



ISOMETRIC VIEW OF DRAINAGE
STRUCTURE DETAILS
STA. ****



ISOMETRIC VIEW OF DRAINAGE
STRUCTURE DETAILS
STA. ****

1 OF 3

Project Number

C.N.

SLOTTED PIPE DETAIL
STANDARD DETAIL

NEBRASKA
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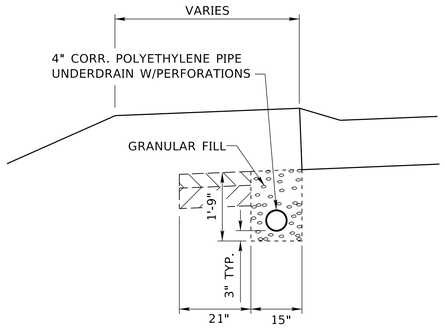
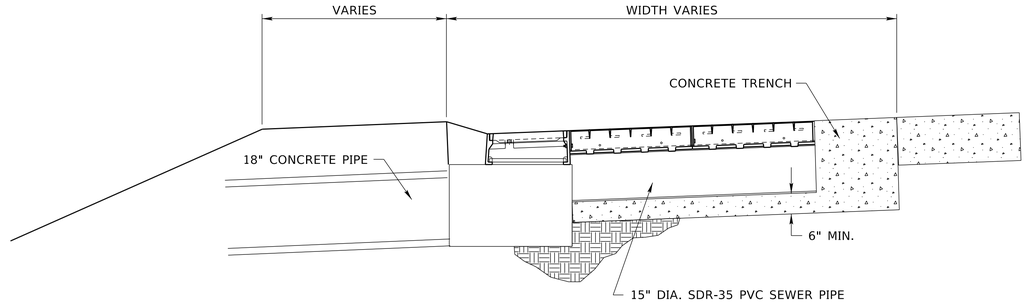
Roadway
Design
Division

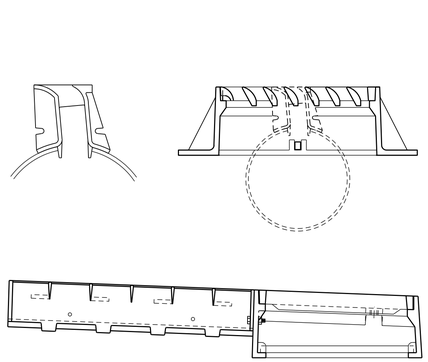
COMPUTER: BG0419M187
DATE: 11-SEP-2024 07:08
FILE: 4180 5 R3.dgn

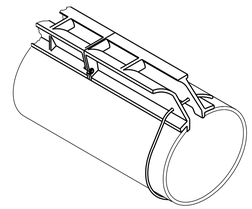
Project Number

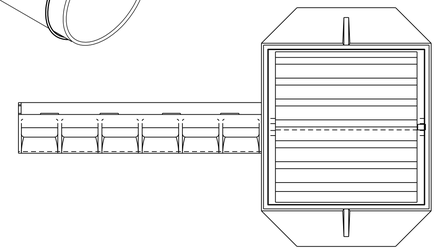
C.N.

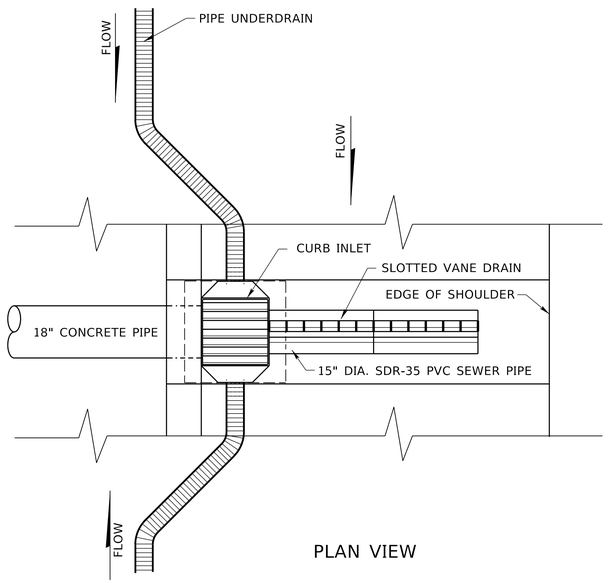




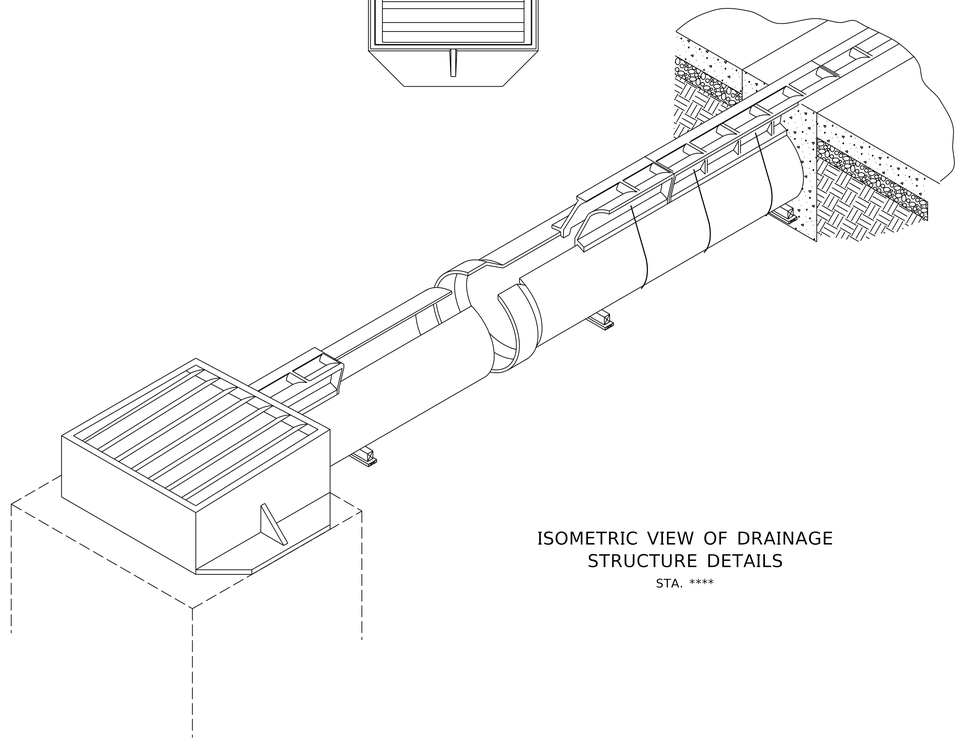








PLAN VIEW



ISOMETRIC VIEW OF DRAINAGE
STRUCTURE DETAILS
STA. ****

SLOTTED PIPE DETAIL
STANDARD DETAIL

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Division

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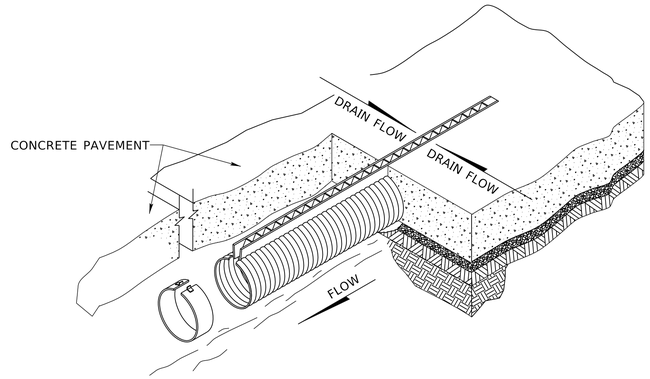

ISOMETRIC VIEW OF DRAINAGE STRUCTURE DETAILS
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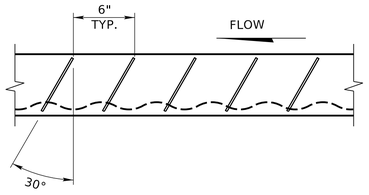
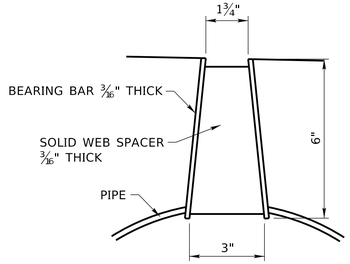
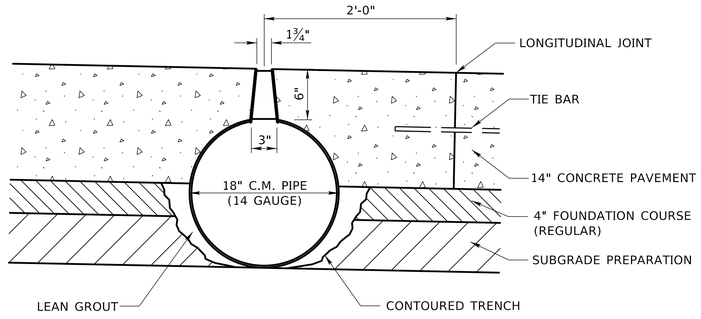


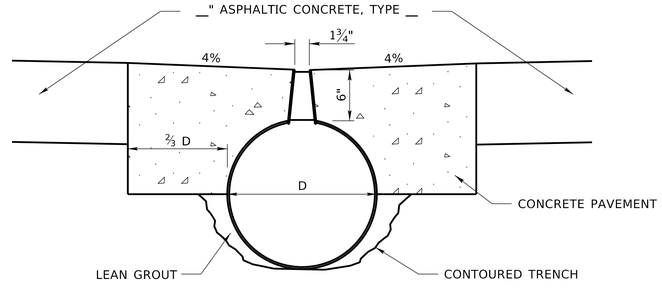
LONGITUDINAL SECTION
(THRU SLOT)



GRATE DETAIL



CORRUGATED METAL SLOTTED PIPE DETAIL
(CONCRETE PAVEMENT APPLICATION)



CORRUGATED METAL SLOTTED PIPE DETAIL
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SLOTTED PIPE DETAIL
STANDARD DETAIL

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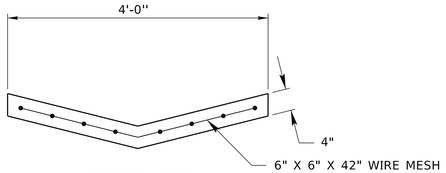
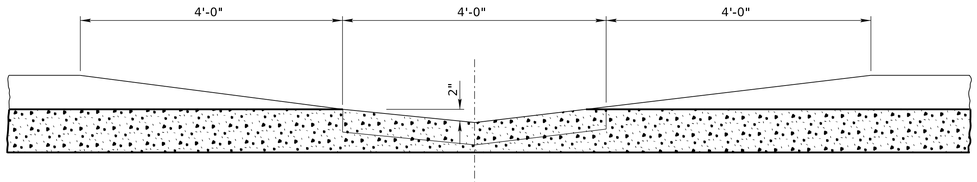
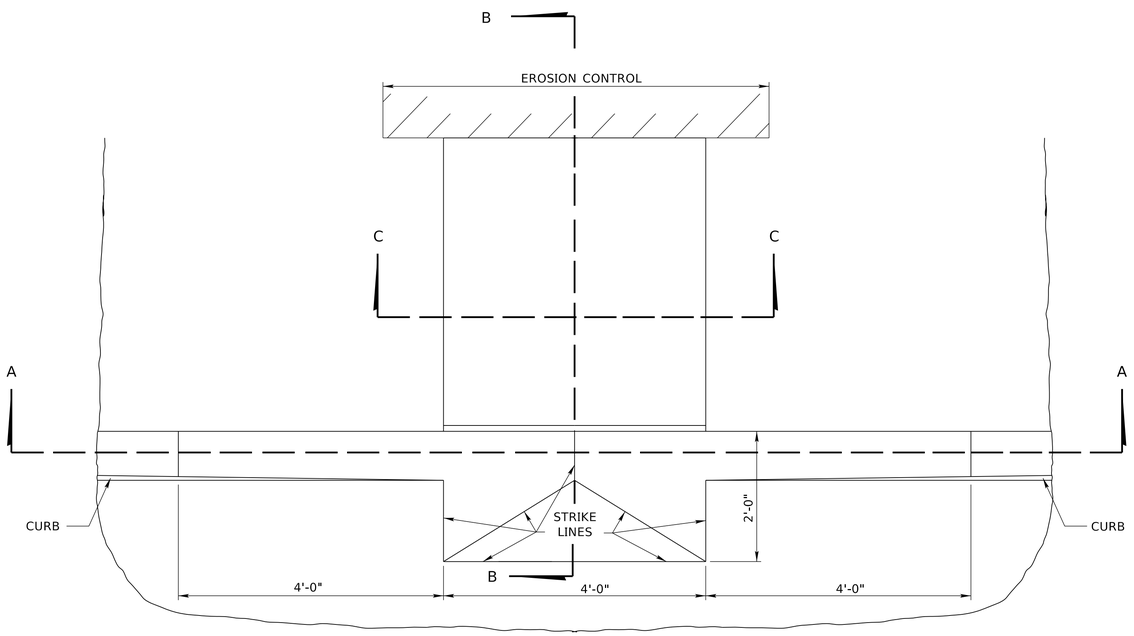
View 1



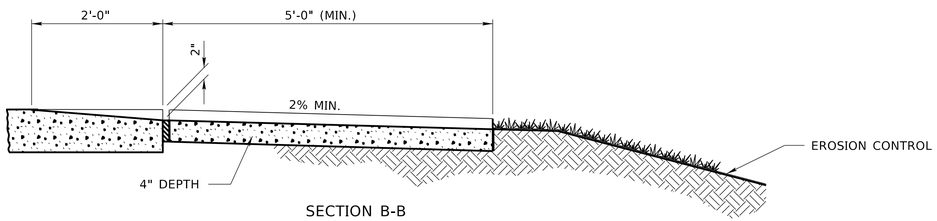
SECTION C-C



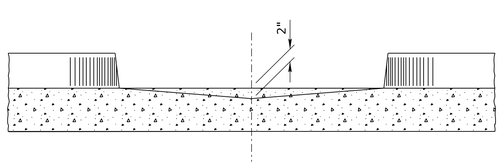
SECTION A-A



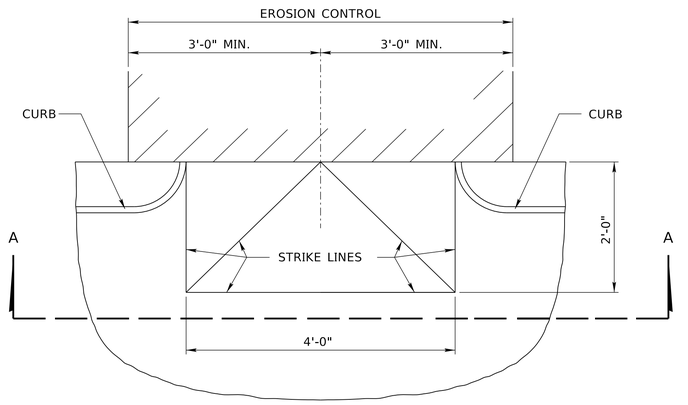
PLAN



SECTION B-B



SECTION A-A



PLAN

View 2

DETAILS FOR DROP CURB FOR DRAINAGE

STANDARD DETAIL

1 OF 1

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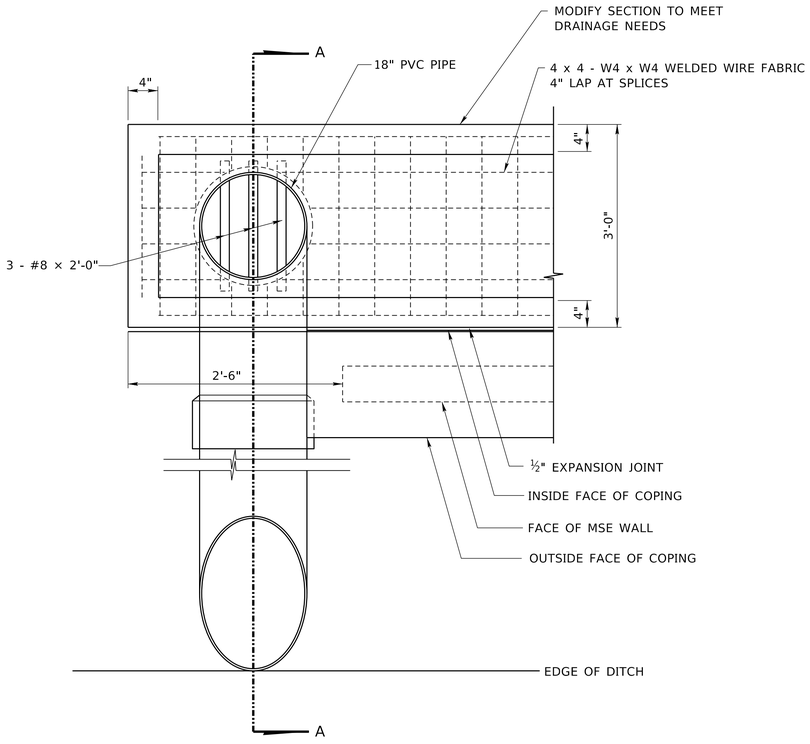
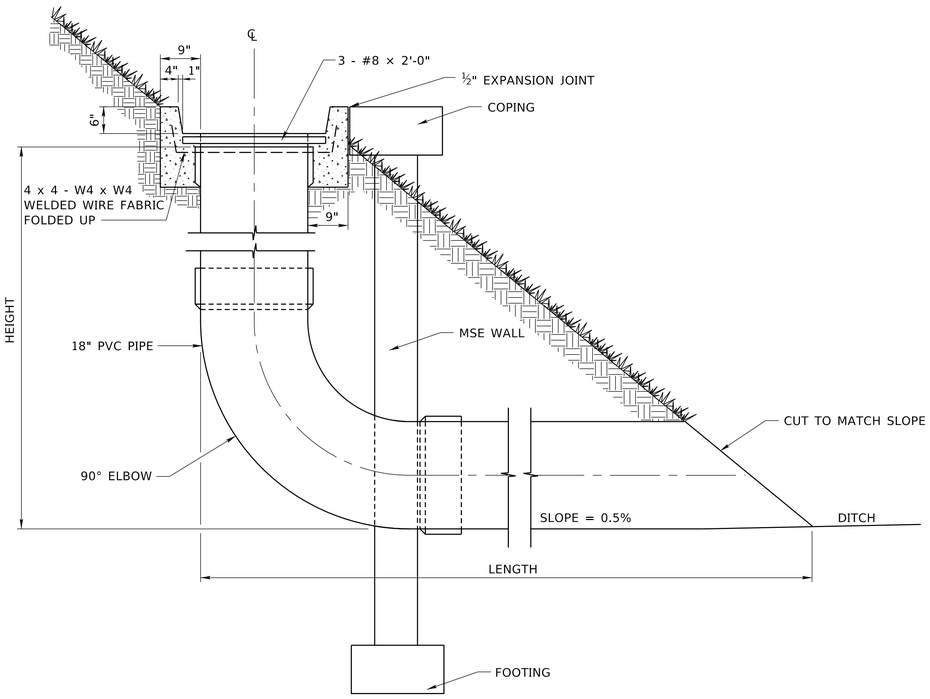


CONCRETE FLUME AT END OF MSE WALL DETAIL



CONCRETE FLUME SECTION A-A

1 OF 1

Project Number

C.N.

MSE WALL V-DITCH DRAIN
STANDARD DETAIL

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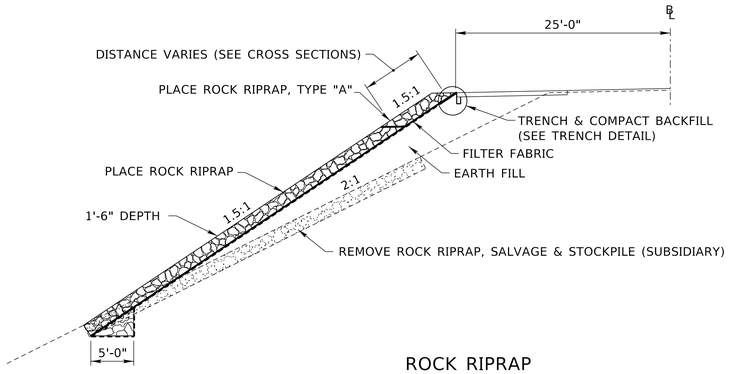
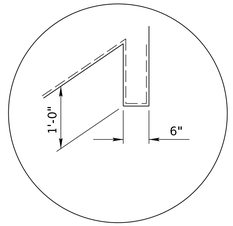
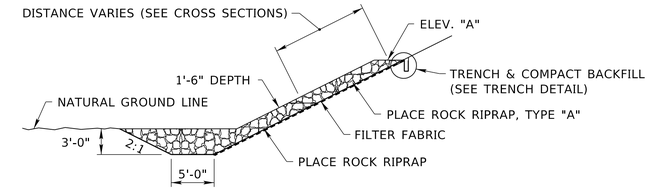


ROCK RIPRAP

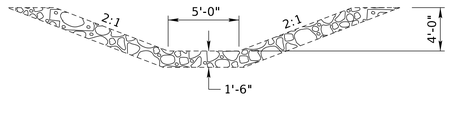


TRENCH DETAIL



ROCK RIPRAP

STATION	TO	STATION	SIDE	ELEV. "A"
*	-	*	*	*
*	-	*	*	*



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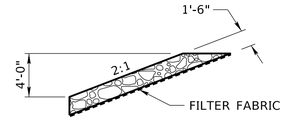
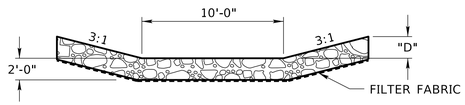
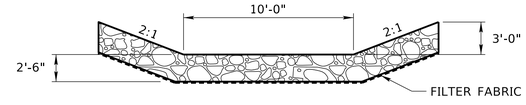


STA. * TO STA.*



STATION	TO	STATION	SIDE	"D"
*	-	*	*	*
*	-	*	*	*



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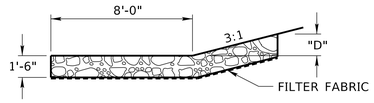
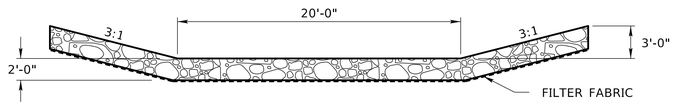


STATION	TO	STATION	SIDE	"D"
*	-	*	*	*
*	-	*	*	*



STA. * TO STA.*

DETAILS OF ROCK RIPRAP

1 OF 1

Project Number

C.N.

DETAILS OF ROCK RIPRAP
STANDARD DETAIL

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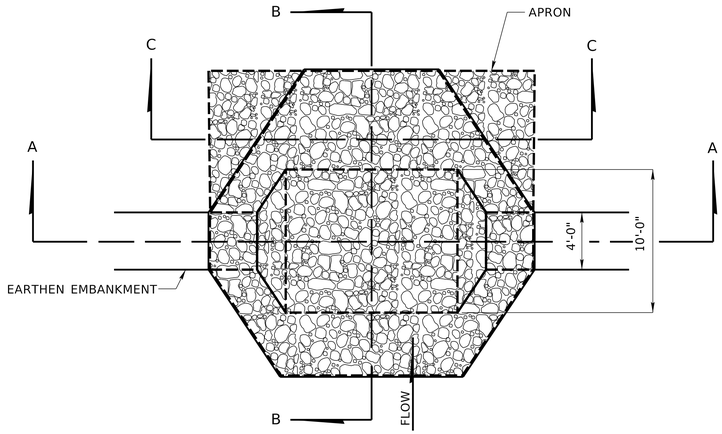
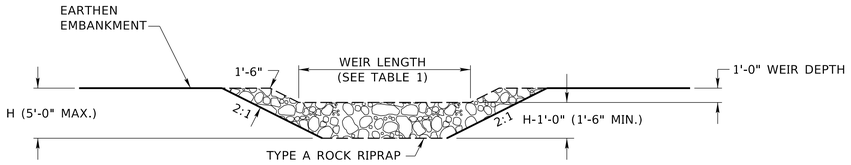
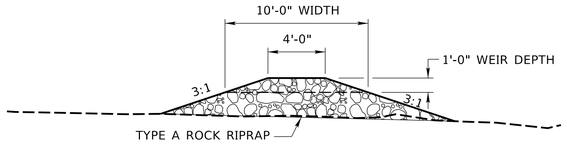
THIS PLAN IS DRAWN AT 100 SCALE.



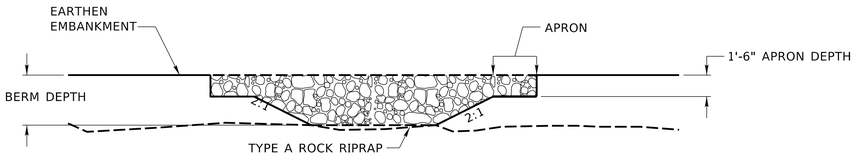
PLAN VIEW



SECTION A-A
(3'-0" DEPTH SHOWN)



SECTION B-B

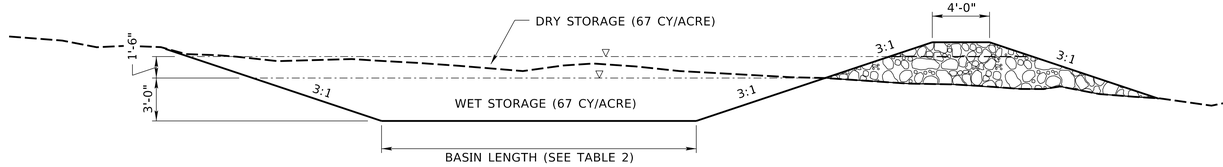


SECTION C-C

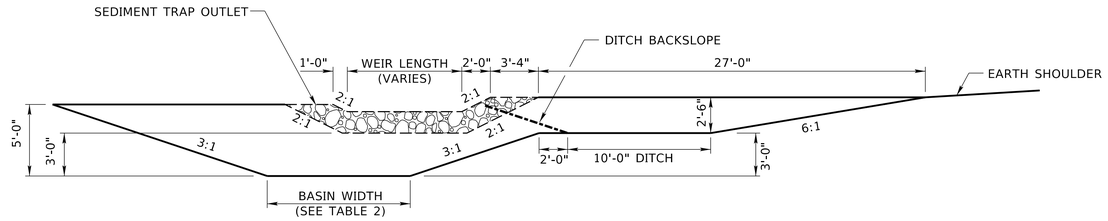
CONTRIBUTING DRAINAGE AREA	WEIR LENGTH (FT.)
1 ACRE	4
2 ACRE	5
3 ACRE	6
4 ACRE	10
5 ACRE	12

TABLE 1

SEDIMENT TRAP OUTLET



SECTION D-D

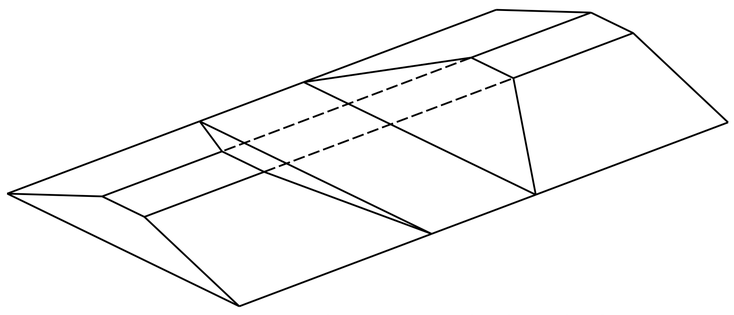


SECTION E-E

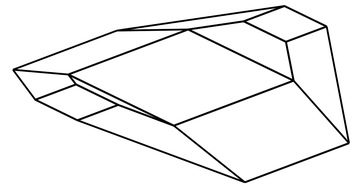
CONTRIBUTING DRAINAGE AREA	BASIN LENGTH (FT.)	BASIN WIDTH (FT.)
1 ACRE	22	10
2 ACRE	40	16
3 ACRE	58	23
4 ACRE	73	28
5 ACRE	85	34

TABLE 2

TYPICAL ROADSIDE DITCH SEDIMENT TRAP BASIN



DITCH DIKE WITH CUTOUT FOR OUTLET



ROCK RIPRAP OUTLET

Project Number

C.N.

ROADSIDE SEDIMENT TRAP AND OUTLET
STANDARD DETAIL

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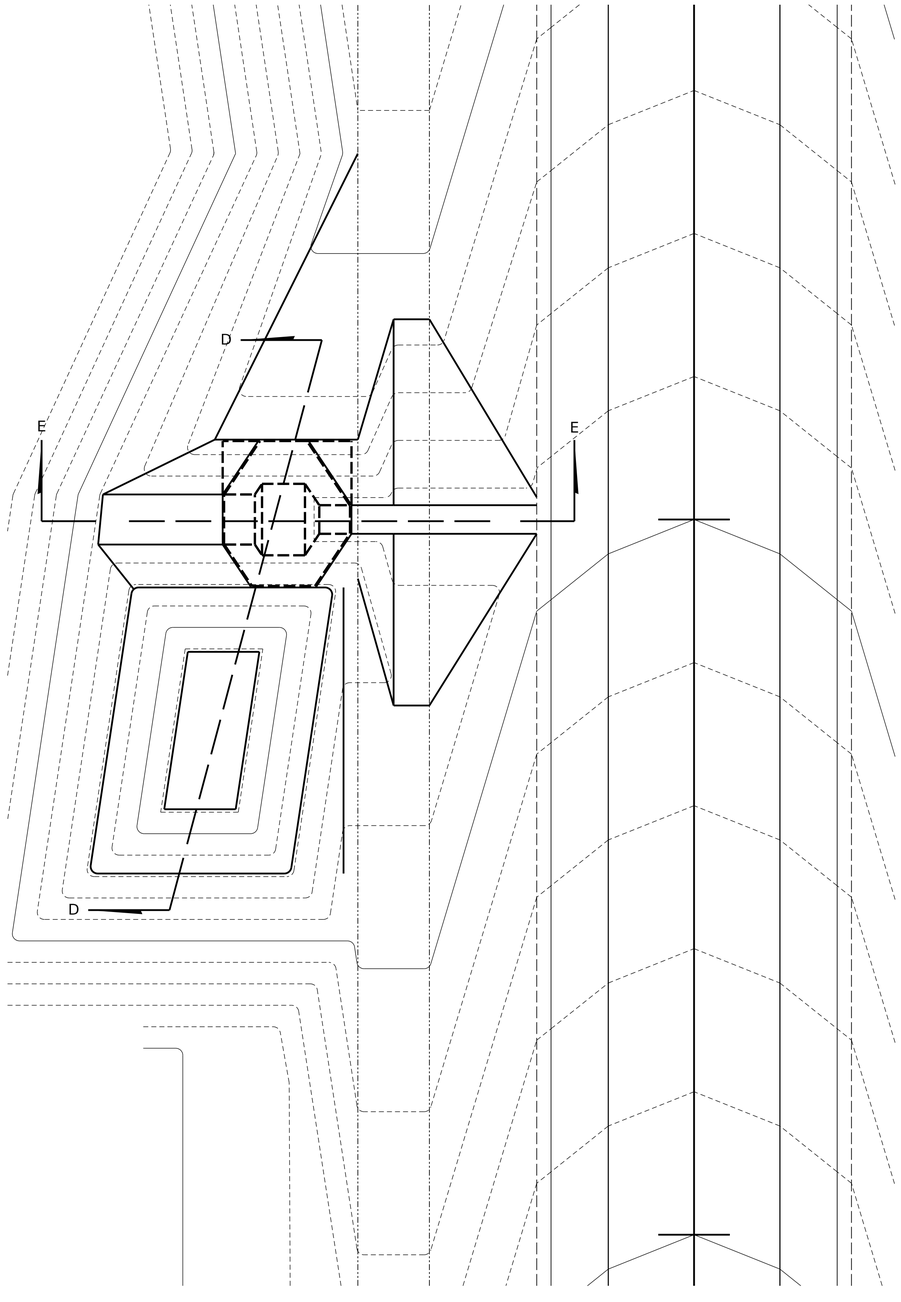
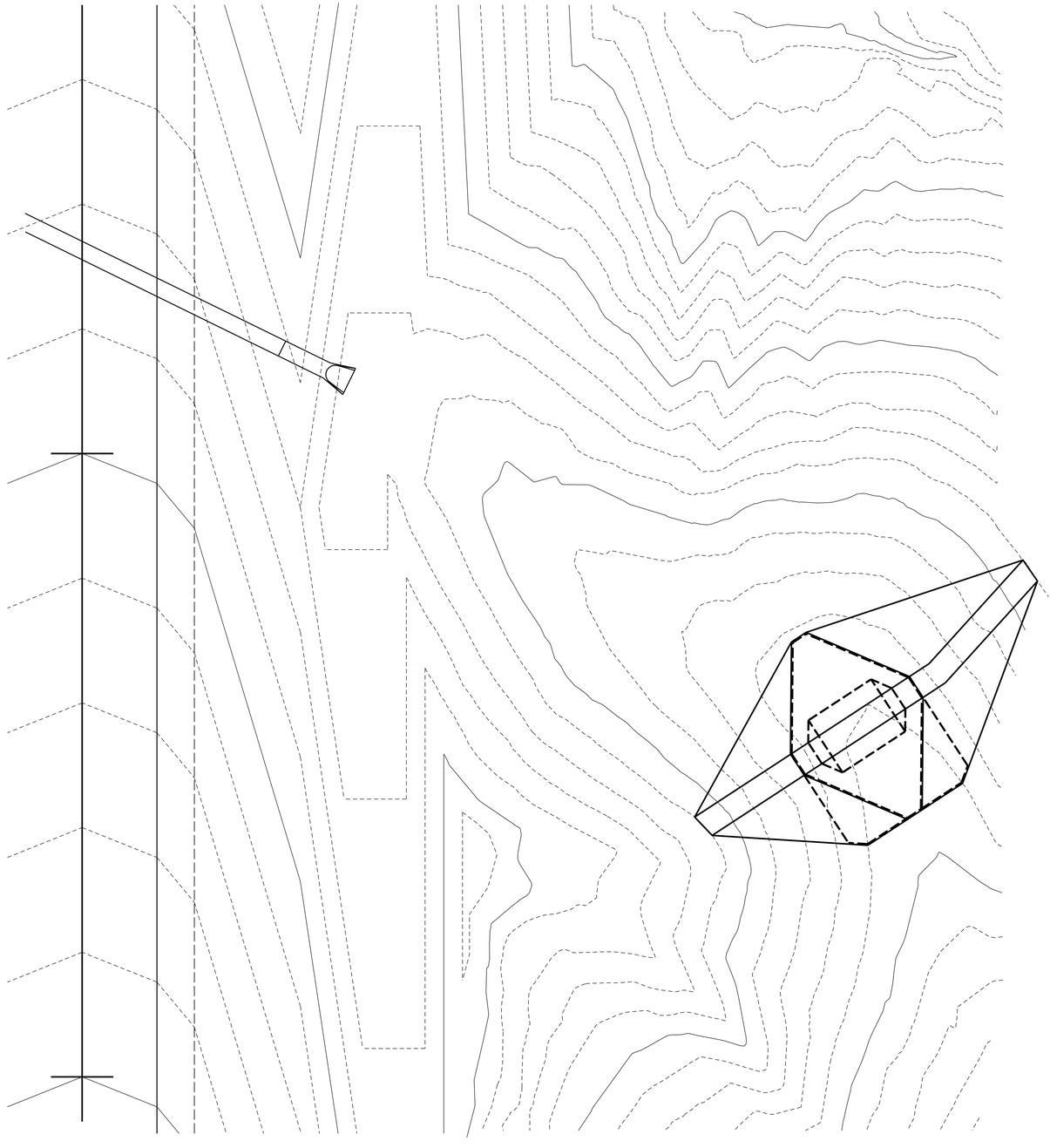


TYPICAL ROADSIDE DITCH APPLICATION



TYPICAL OUTLET SWALE APPLICATION

ROADSIDE SEDIMENT TRAP AND OUTLET
STANDARD DETAIL

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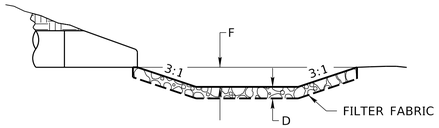
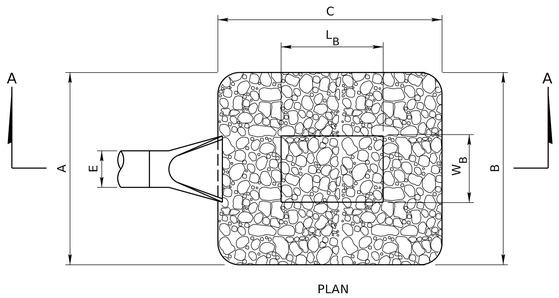


SECTION A-A

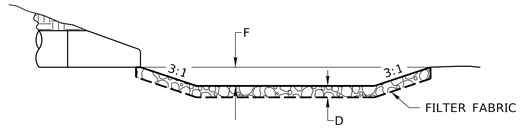


PLAN

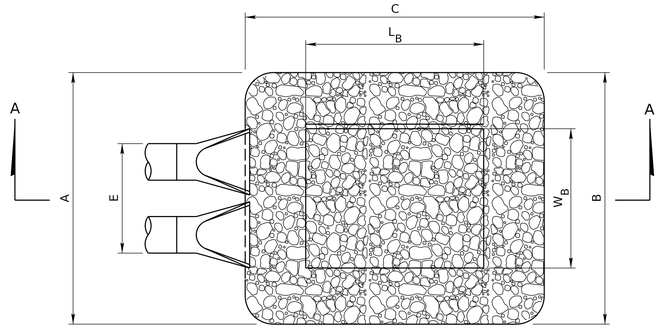
DETAIL OF ROCK RIPRAP SCOUR HOLE

BUILD ROCK RIPRAP SCOUR HOLE											
STATION	A	B	C	D	E	F	W_B	L_B	TONS	RIPRAP TYPE	FILTER FABRIC SQ. YDS.
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*

SINGLE PIPE



SECTION A-A



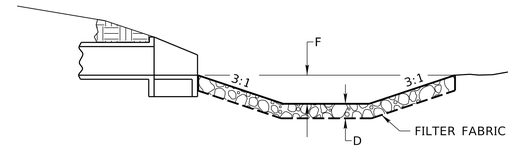
PLAN

NOTES:
WHEN MULTIPLE PIPES W/FLARED END SECTIONS ARE USED, WIDTH OF BASIN (W_B) MUST BE AT LEAST EQUAL TO THE DISTANCE BETWEEN THE OUTSIDE EDGES OF THE FLARED END SECTIONS.

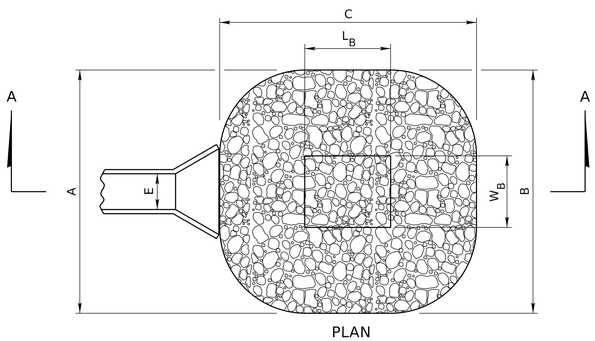
DETAIL OF ROCK RIPRAP SCOUR HOLE

BUILD ROCK RIPRAP SCOUR HOLE											
STATION	A	B	C	D	E	F	W_B	L_B	TONS	RIPRAP TYPE	FILTER FABRIC SQ. YDS.
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*

MULTIPLE PIPES



SECTION A-A



PLAN

NOTES:
WHEN PLACING RIPRAP BASIN AT OUTLET OF BOX CULVERT, PAVE THE APRON BETWEEN THE WINGWALLS W/3-5 FOOT CUTOFF WALL/FOOTING.

DETAILS OF ROCK RIPRAP SCOUR HOLE

BUILD ROCK RIPRAP SCOUR HOLE											
STATION	A	B	C	D	E	F	W_B	L_B	TONS	RIPRAP TYPE	FILTER FABRIC SQ. YDS.
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*	*	*

CONCRETE BOX CULVERT

1 OF 1

Project Number

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DETAILS OF ROCK RIPRAP SCOUR HOLE

STANDARD DETAIL

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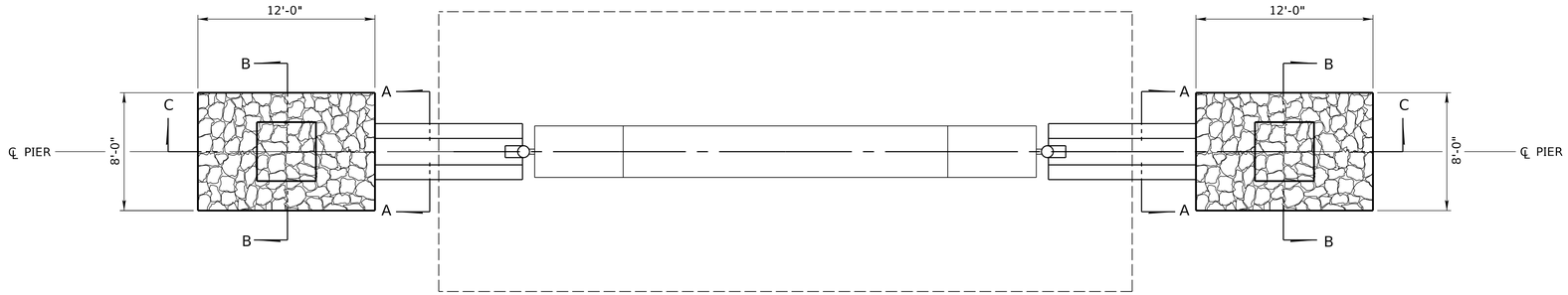
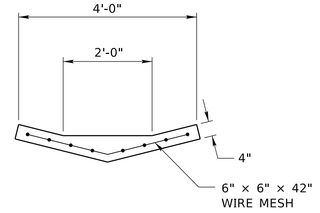
*FOR DIMENSIONS AND TONNAGE CALCULATION, SEE CHAPTER 2 OF DRAINAGE DESIGN AND EROSION CONTROL MANUAL.

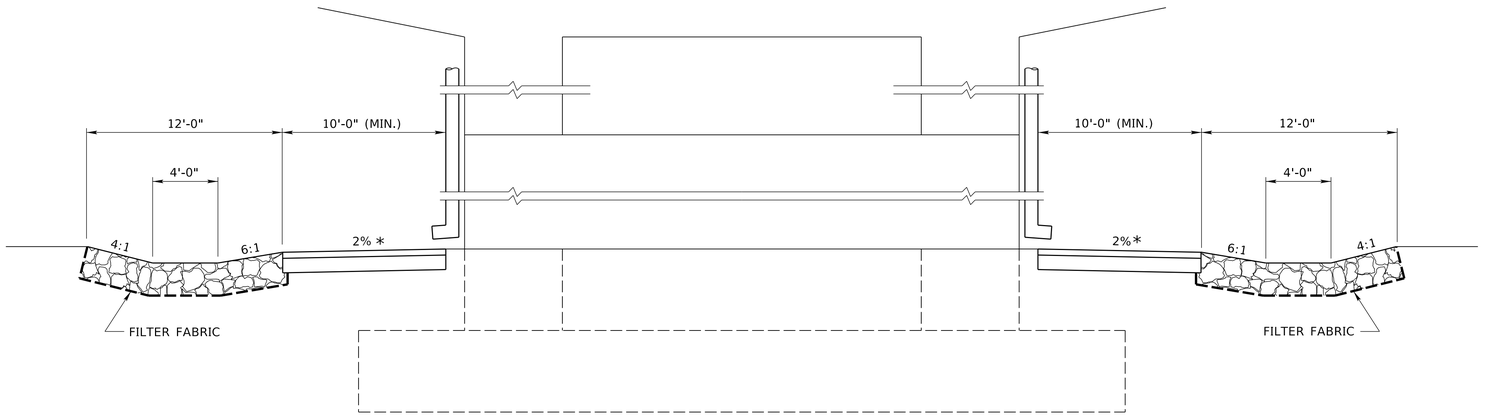


PLAN VIEW

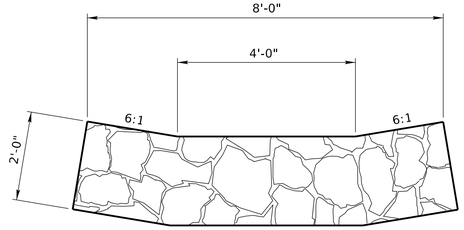


SECTION A-A

CONCRETE DITCH LINER



SECTION C-C



SECTION B-B

DETAIL OF BROKEN CONCRETE RIPRAP

* AT SLOPES STEEPER THAN 2% THE DITCH LINER WILL EXTEND TO THE BREAK IN THE GRADE.

QUANTITIES PER DRAINAGE BASIN
BROKEN CONCRETE RIPRAP = 9.6 TON

1 OF 1

Project Number

C.N.

BRIDGE DRAINAGE BASIN□

STANDARD DETAIL

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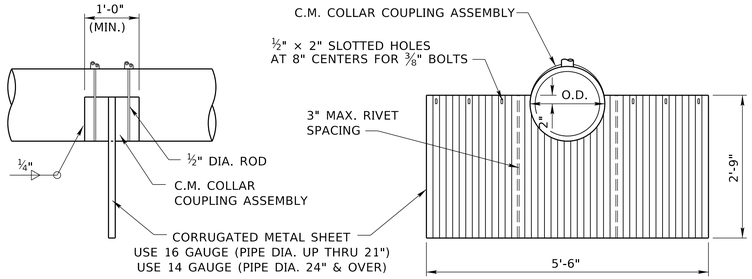
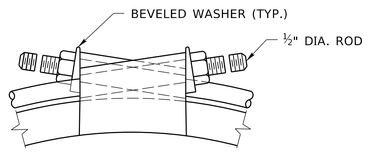
DATE: 10-SEP-2024 11:21
FILE: 4520 5 R1.dgn

THIS PLAN IS DRAWN AT 100 SCALE.

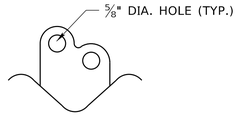


SECTION

ELEVATION OF ASSEMBLED DIAPHRAGM



ELEVATION



END VIEW

STANDARD TANK LUG DETAILS

1 OF 1

Project Number

C.N.

METAL DIAPHRAGM DETAILS

STANDARD DETAIL

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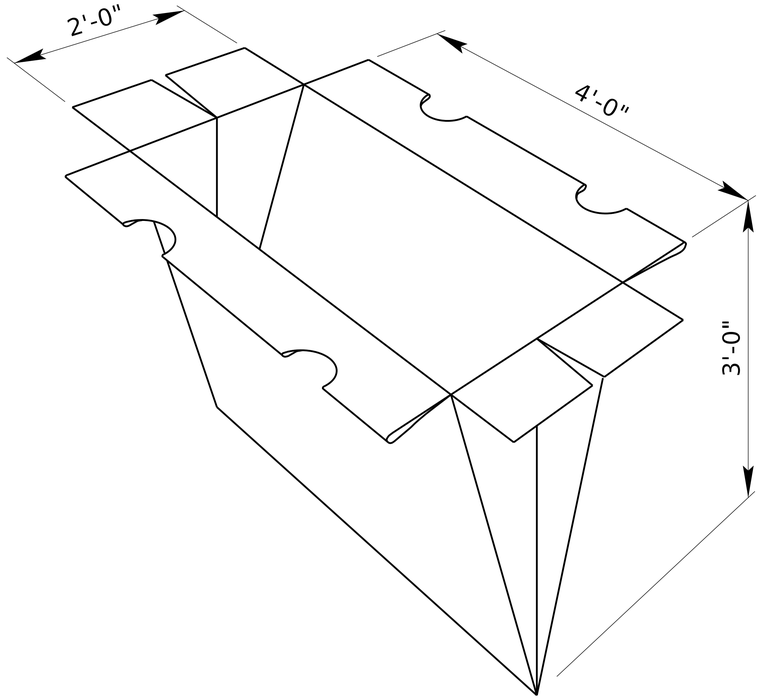
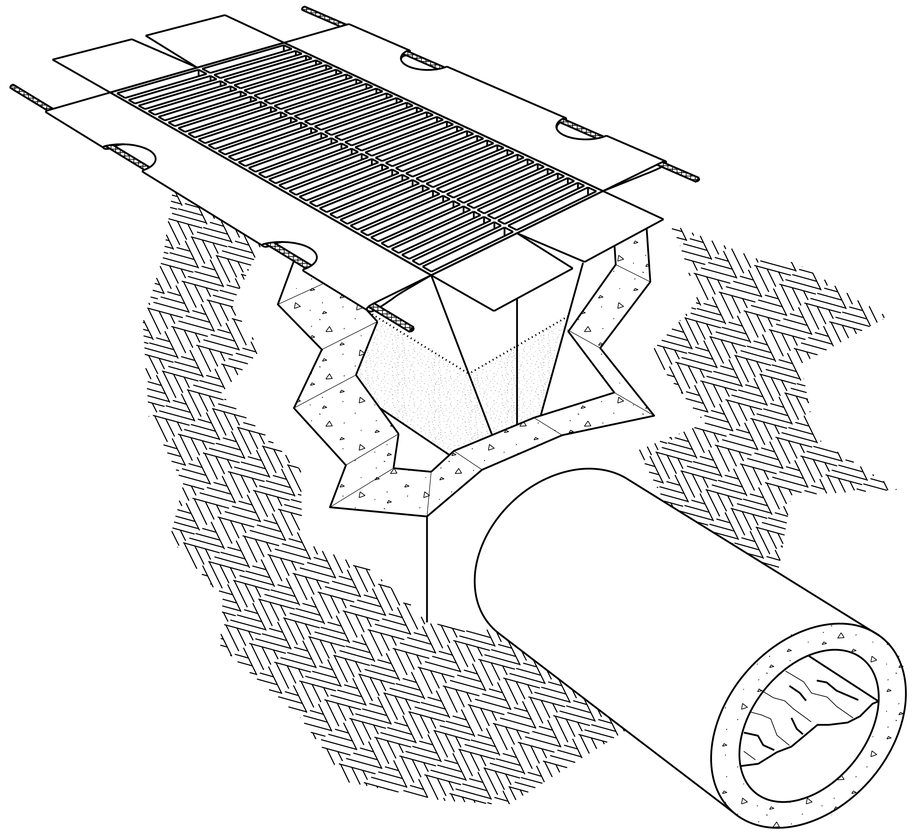
FILE: 5400 5 R0.dgn





COMPUTER: BG04190187
DATE: 10-SEP-2024 11:21
FILE: 5480 5 R1.dgn

Project Number

C.N.

INLET LINER DETAILS
STANDARD DETAIL

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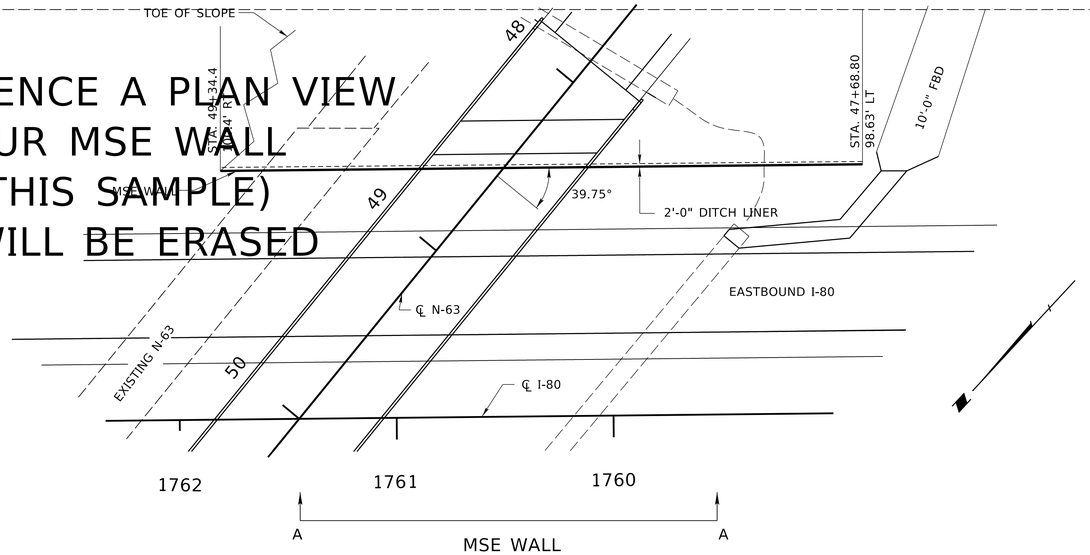
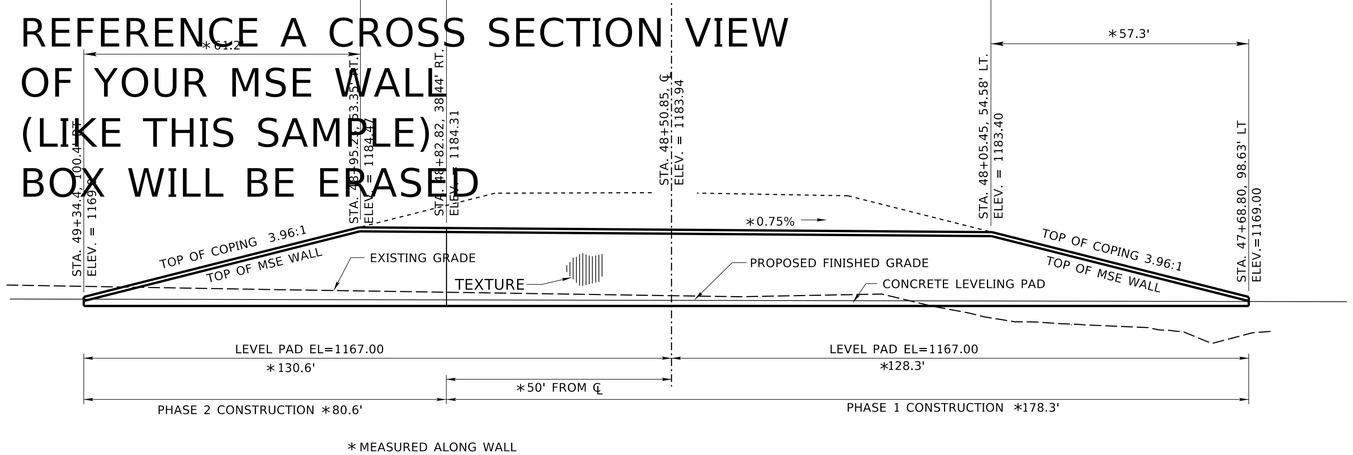
Roadway Design Division

REFERENCE A PLAN VIEW
OF YOUR MSE WALL
(LIKE THIS SAMPLE)
BOX WILL BE ERASED

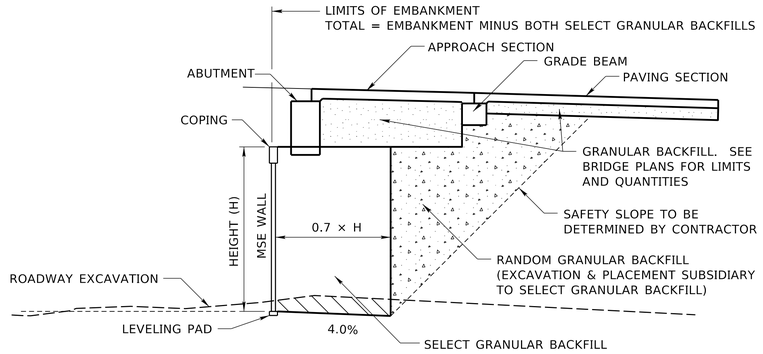


REFERENCE A CROSS SECTION VIEW
OF YOUR MSE WALL
(LIKE THIS SAMPLE)
BOX WILL BE ERASED



∗MEASURED ALONG WALL

ELEVATION AT ABUTMENT NO. 1
VIEW A-A



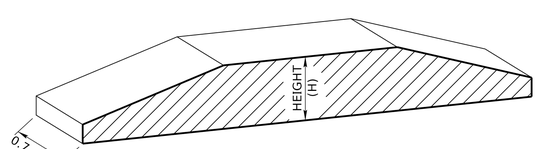
TYPICAL SECTION OF BACKFILL AT ABUTMENT
(NOT TO SCALE)

WARP FILL SLOPE AROUND BLUNT ENDS OF WALL.

GRANULAR BACKFILL SHALL BE CAPPED WITH 1 FOOT OF COHESIVE SOIL.

MSE WALL TEXTURE:

THE FRONT FACE OF THE MSE WALL SHALL BE TEXTURED USING SYMONS FORM LINERS FRACTURED GRANITE PATTERN (P/C30611 OR P/C30907), OR FITZGERALD FORM LINERS PATTERN NO. 16980 OR AN APPROVED EQUAL.



VOLUME OF SELECT GRANULAR BACKFILL = $\frac{(0.7 \times H) \times \text{WALL AREA (SQ. FT.)}}{27}$

SUMMARY OF QUANTITIES						
LOCATION	∗CONCRETE FACE PANELS SQ. FT.	SELECT GRANULAR BACKFILL CU. YD.	COPING LIN. FT.	LEVELING PAD LIN. FT.	∗∗24" CORRUGATED METAL PIPE SLEEVES	MSE WALL EXC. CU. YD.
ABUT. #1	*	*	*	*	*	*

∗ MEASURED FROM CONCRETE LEVELING PAD TO TOP OF COPING
∗∗SEE BRIDGE PLANS FOR CORRUGATED METAL PIPE LAYOUT

1A OF 2
Project Number
C.N.

SPECIAL PLAN _C
1 OF 2
MECHANICALLY STABILIZED EARTH (MSE) WALL

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Roadway Design Division

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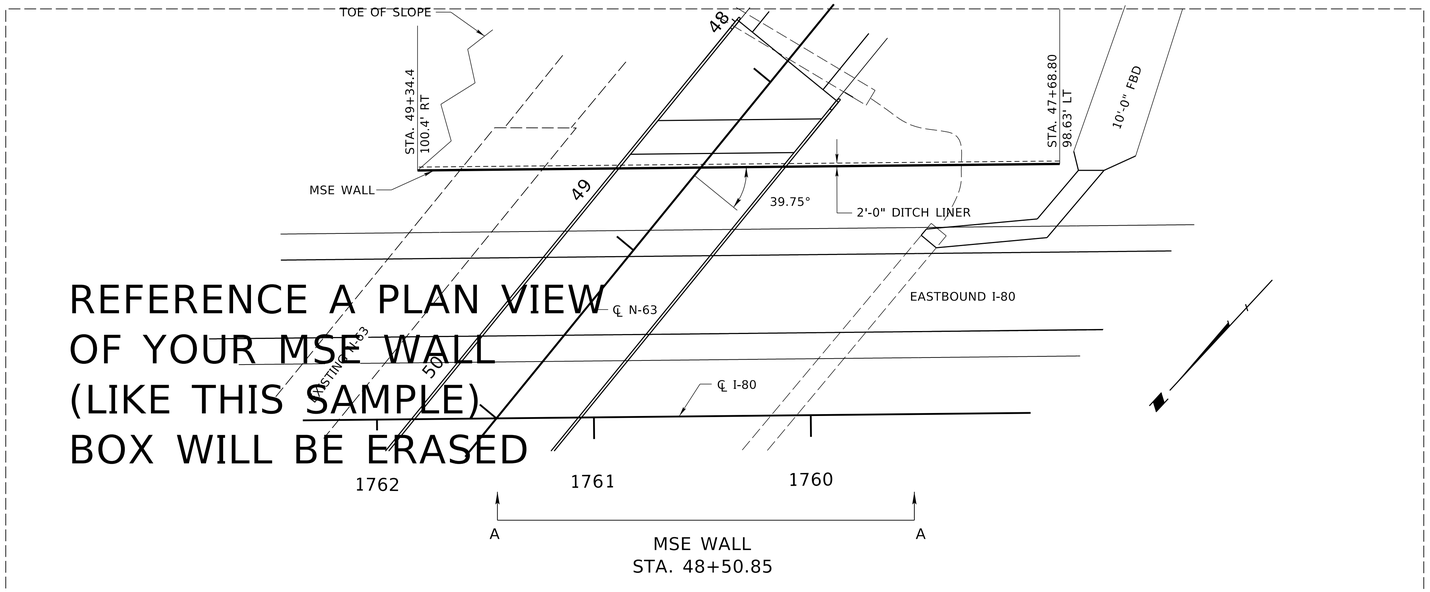
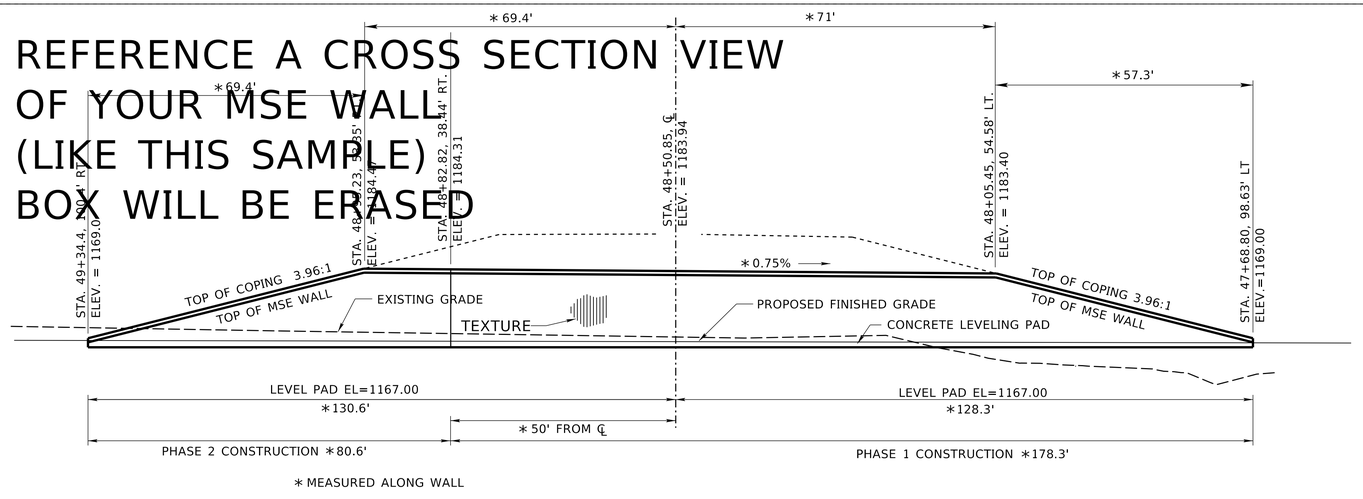
DATE: 28-AUG-2024 11:00
FILE: 6200 5 R2.dgn



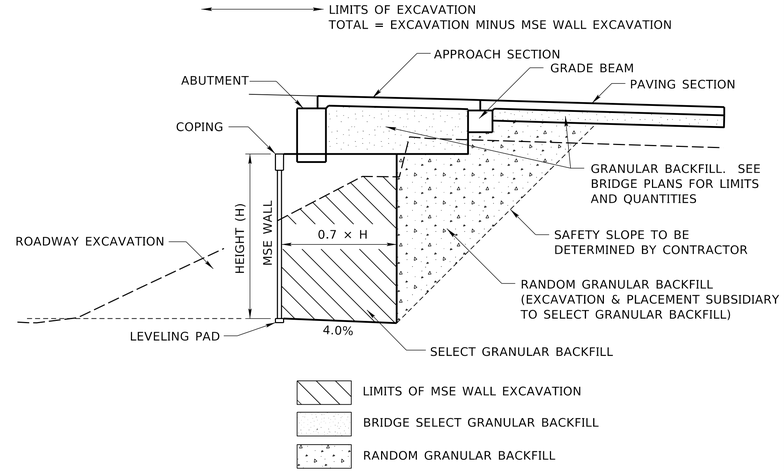
REFERENCE A PLAN VIEW OF YOUR MSE WALL (LIKE THIS SAMPLE) BOX WILL BE ERASED



∗MEASURED ALONG WALL

ELEVATION AT ABUTMENT NO. 1
VIEW A-A

REFERENCE A CROSS SECTION VIEW OF YOUR MSE WALL (LIKE THIS SAMPLE) BOX WILL BE ERASED



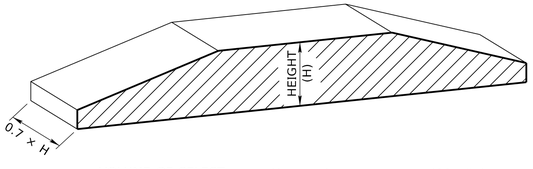
TYPICAL SECTION OF BACKFILL AT ABUTMENT
(NOT TO SCALE)

WARP FILL SLOPE AROUND BLUNT ENDS OF WALL.

GRANULAR BACKFILL SHALL BE CAPPED WITH 1 FOOT OF COHESIVE SOIL.

MSE WALL TEXTURE:

THE FRONT FACE OF THE MSE WALL SHALL BE TEXTURED USING SYMONS FORM LINERS FRACTURED GRANITE PATTERN (P/C30611 OR P/C30907), OR FITZGERALD FORM LINERS PATTERN NO. 16980 OR AN APPROVED EQUAL.



VOLUME OF SELECT GRANULAR BACKFILL = $\frac{(0.7 \times H) \times \text{WALL AREA (SQ. FT.)}}{27}$

SUMMARY OF QUANTITIES						
LOCATION	∗CONCRETE FACE PANELS SQ. FT.	SELECT GRANULAR BACKFILL CU. YD.	COPING LIN. FT.	LEVELING PAD LIN. FT.	**24" CORRUGATED METAL PIPE SLEEVES	MSE WALL EXC. CU. YD.
ABUT. #1	*	*	*	*	*	*

∗ MEASURED FROM CONCRETE LEVELING PAD TO TOP OF COPING
**SEE BRIDGE PLANS FOR CORRUGATED METAL PIPE LAYOUT

SPECIAL PLAN _C
1 OF 2
MECHANICALLY STABILIZED EARTH (MSE) WALL

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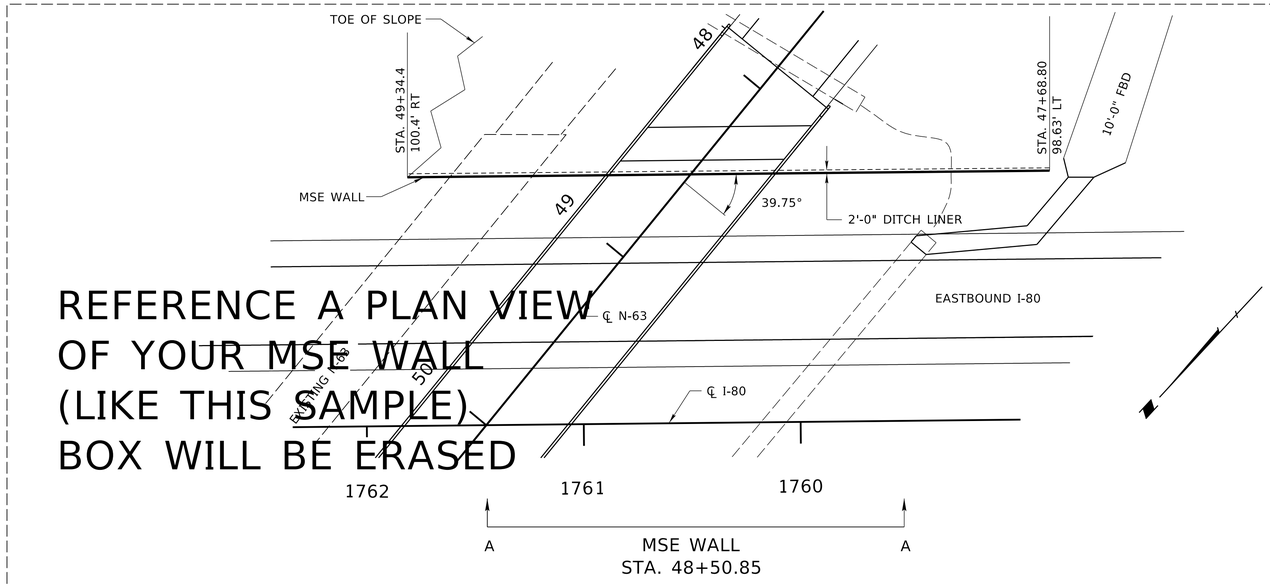
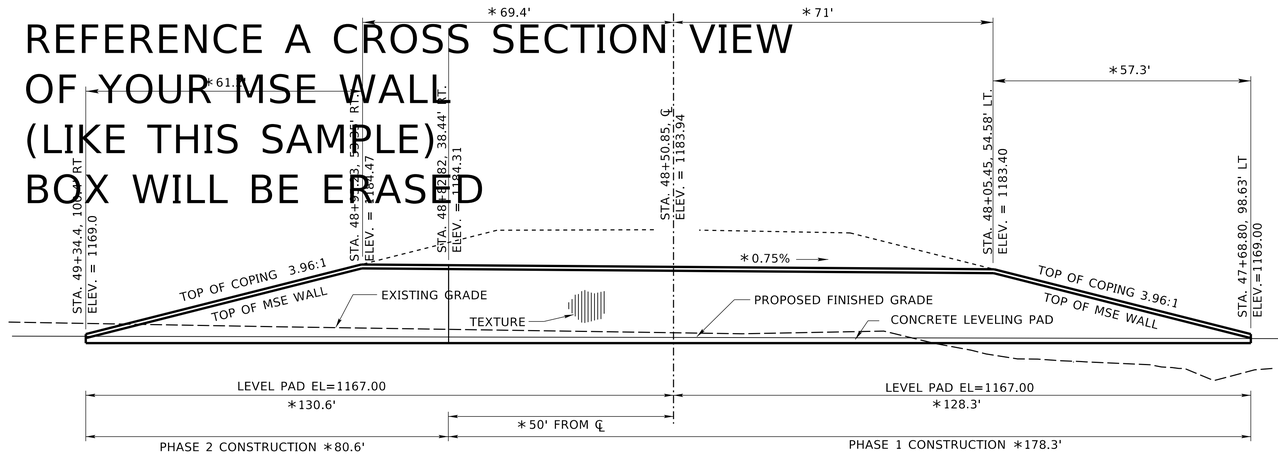
Roadway Design Division

COMPUTER: BG04194187
DATE: 28-AUG-2024 11:00
FILE: 6200 5 R2.dgn



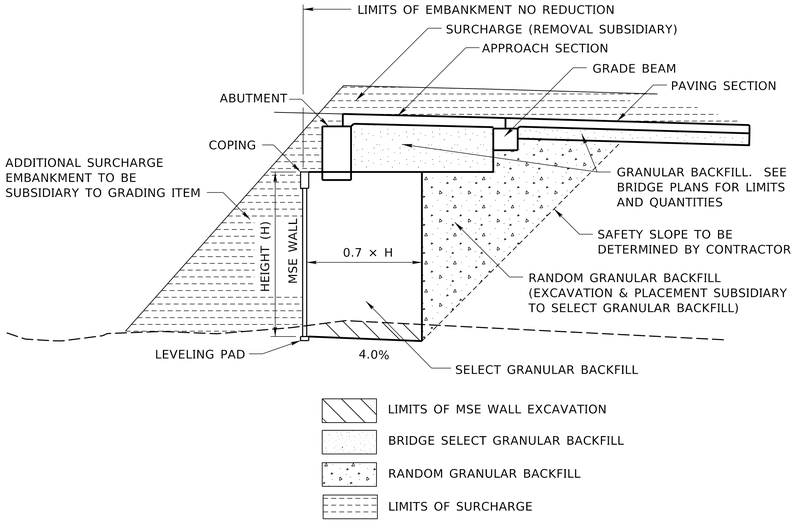
REFERENCE A PLAN VIEW OF YOUR MSE WALL (LIKE THIS SAMPLE) BOX WILL BE ERASED



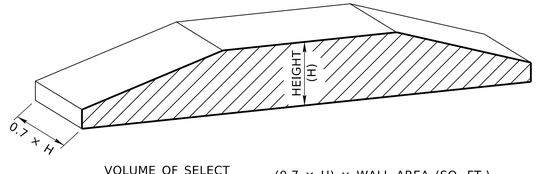
∗ MEASURED ALONG WALL

REFERENCE A CROSS SECTION VIEW OF YOUR MSE WALL (LIKE THIS SAMPLE) BOX WILL BE ERASED

ELEVATION AT ABUTMENT NO. 1
VIEW A-A



TYPICAL SECTION OF BACKFILL AT ABUTMENT
(NOT TO SCALE)



VOLUME OF SELECT GRANULAR BACKFILL = $\frac{(0.7 \times H) \times \text{WALL AREA (SQ. FT.)}}{27}$

SUMMARY OF QUANTITIES						
LOCATION	∗CONCRETE FACE PANELS SQ. FT.	SELECT GRANULAR BACKFILL CU. YD.	COPING LIN. FT.	LEVELING PAD LIN. FT.	∗∗24" CORRUGATED METAL PIPE SLEEVES	MSE WALL EXC. CU. YD.
ABUT. #1	*	*	*	*	*	*

∗ MEASURED FROM CONCRETE LEVELING PAD TO TOP OF COPING
∗∗SEE BRIDGE PLANS FOR CORRUGATED METAL PIPE LAYOUT

WARP FILL SLOPE AROUND BLUNT ENDS OF WALL.

GRANULAR BACKFILL SHALL BE CAPPED WITH 1 FOOT OF COHESIVE SOIL.

MSE WALL TEXTURE:

THE FRONT FACE OF THE MSE WALL SHALL BE TEXTURED USING SYMONS FORM LINERS FRACTURED GRANITE PATTERN (P/C30611 OR P/C30907), OR FITZGERALD FORM LINERS PATTERN NO. 16980 OR AN APPROVED EQUAL.

SPECIAL PLAN _C
1 OF 2
MECHANICALLY STABILIZED EARTH (MSE) WALL

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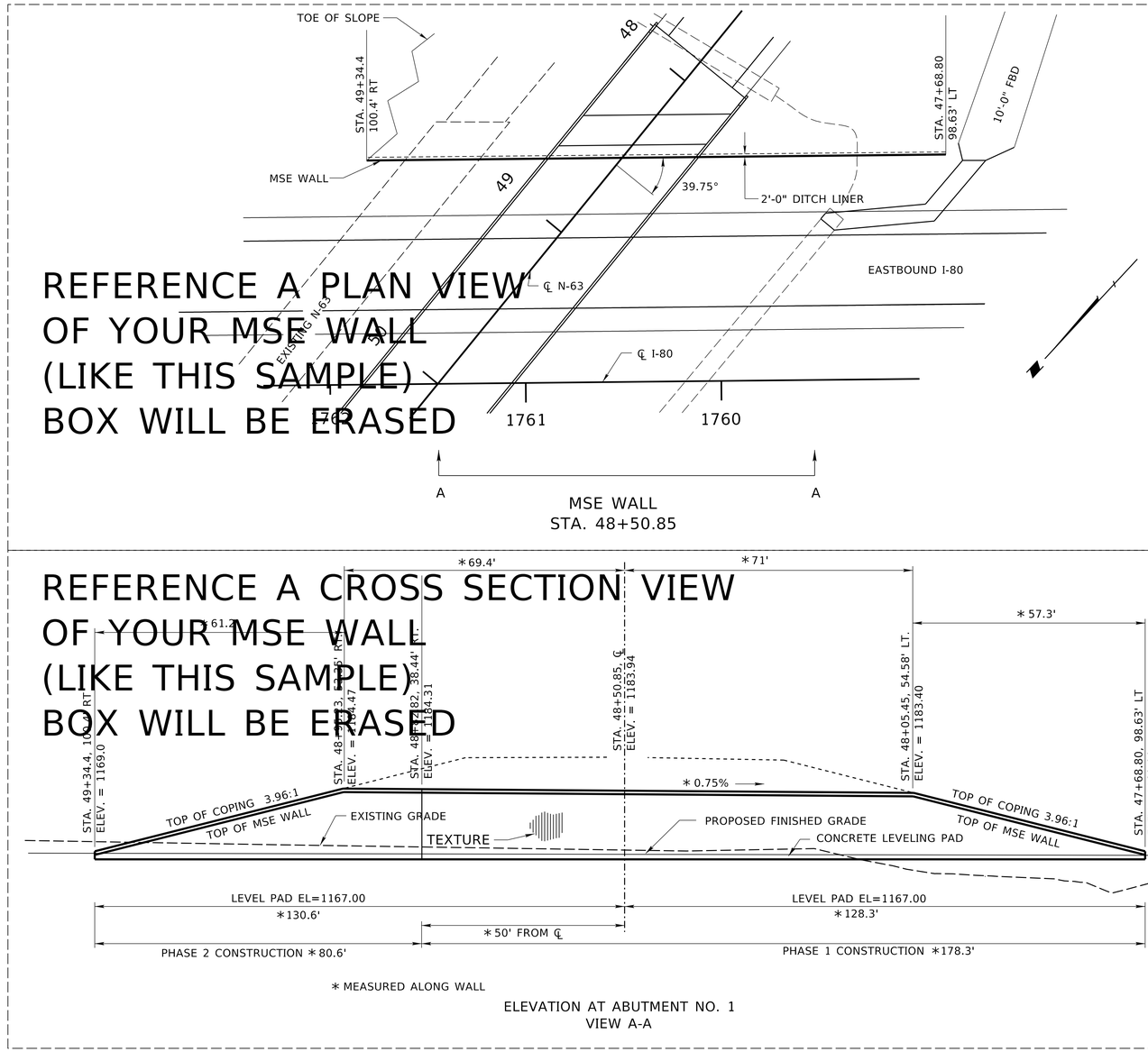
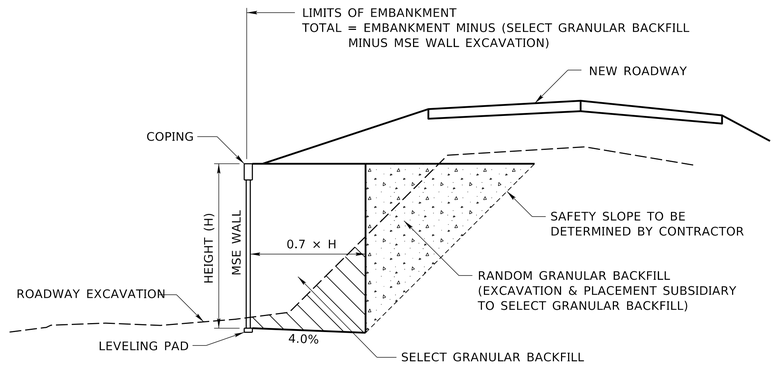
DEPARTMENT OF TRANSPORTATION

Roadway Design Division

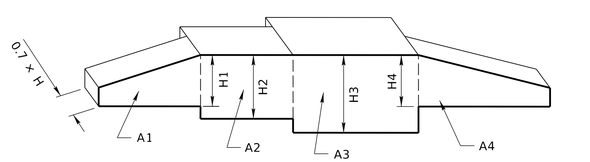
COMPUTER: BG04194N187
DATE: 28-AUG-2024 11:00
FILE: 6200 5 R2.dgn



ELEVATION AT ABUTMENT NO. 1
VIEW A-A



TYPICAL SECTION OF BACKFILL
(NOT TO SCALE)



VOLUME OF SELECT GRANULAR BACKFILL $= \sum \left(\frac{(0.7 \times H1) \times A1 \text{ (SQ. FT.)}}{27} \right) + \left(\frac{(0.7 \times H2) \times A2 \text{ (SQ. FT.)}}{27} \right) + \left(\frac{(0.7 \times H3) \times A3 \text{ (SQ. FT.)}}{27} \right) + \left(\frac{(0.7 \times H4) \times A4 \text{ (SQ. FT.)}}{27} \right)$

SUMMARY OF QUANTITIES

LOCATION	∗CONCRETE FACE PANELS SQ. FT.	SELECT GRANULAR BACKFILL CU. YD.	COPING LIN. FT.	LEVELING PAD LIN. FT.	∗∗24" CORRUGATED METAL PIPE SLEEVES	MSE WALL EXC. CU. YD.
ABUT. #1	*	*	*	*	*	*

∗ MEASURED FROM CONCRETE LEVELING PAD TO TOP OF COPING
∗∗SEE BRIDGE PLANS FOR CORRUGATED METAL PIPE LAYOUT

WARP FILL SLOPE AROUND BLUNT ENDS OF WALL.

GRANULAR BACKFILL SHALL BE CAPPED WITH 3 FEET OF SOIL.

MSE WALL TEXTURE:

THE FRONT FACE OF THE MSE WALL SHALL BE TEXTURED USING SYMONS FORM LINERS FRACTURED GRANITE PATTERN (P/C30611 OR P/C30907), OR FITZGERALD FORM LINERS PATTERN NO. 16980 OR AN APPROVED EQUAL.

1D OF 2

Project Number

C.N.

SPECIAL PLAN _C
1 OF 2
MECHANICALLY STABILIZED EARTH (MSE) WALL

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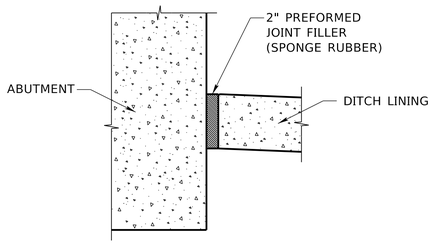
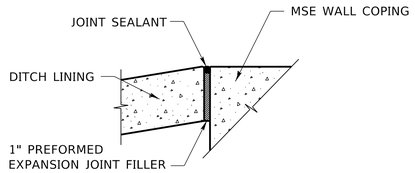
Roadway Design Division

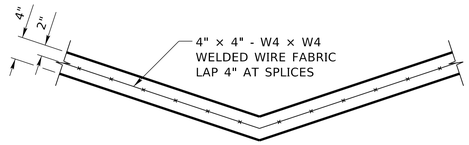
COMPUTER: BG0419M187
DATE: 28-AUG-2024 11:00
FILE: 6200 5 R2.dgn



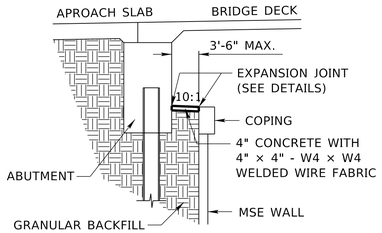
EXPANSION JOINT DETAIL



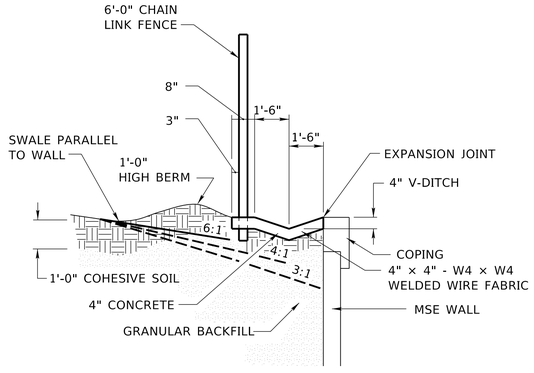
EXPANSION JOINT DETAIL



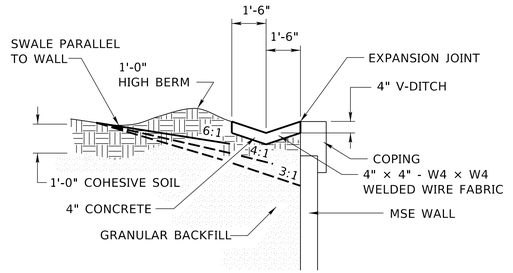
WELDED WIRE FABRIC DETAIL



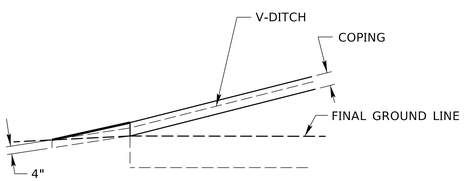
CONCRETE COPING/DITCH LINER DETAIL
(ADJACENT TO ABUTMENT)



CONCRETE DITCH LINER DETAIL WITH FENCE
(ALONG FORESLOPES)

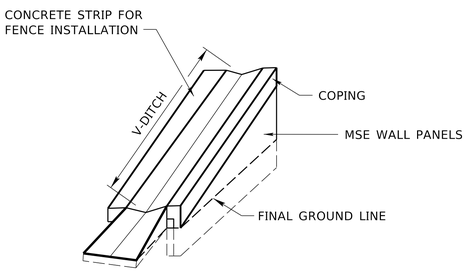


CONCRETE DITCH LINER DETAIL
(ALONG FORESLOPES)



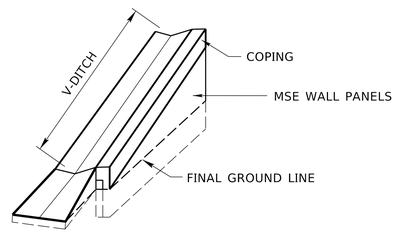
NOTE:
FIELD ENGINEER TO
PLACE AS NEEDED

PLAN
CONCRETE DITCH FLUME DETAIL
(SUBSIDIARY)



NOTE:
FIELD ENGINEER TO
PLACE AS NEEDED

ELEVATION
CONCRETE DITCH FLUME
DETAIL WITH FENCE
(SUBSIDIARY)



NOTE:
FIELD ENGINEER TO
PLACE AS NEEDED

ELEVATION
CONCRETE DITCH FLUME DETAIL
(SUBSIDIARY)

2 OF 2

Project Number

C.N.

MECHANICALLY STABILIZED EARTH (MSE) WALL

SPECIAL PLAN _C
2 OF 2

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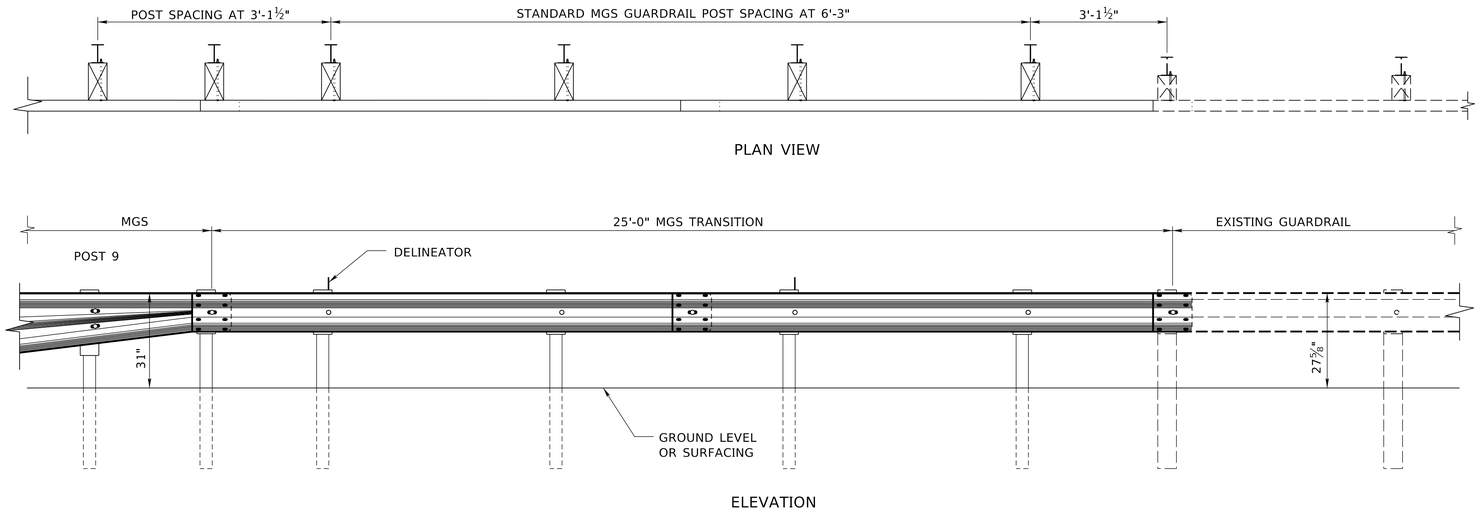
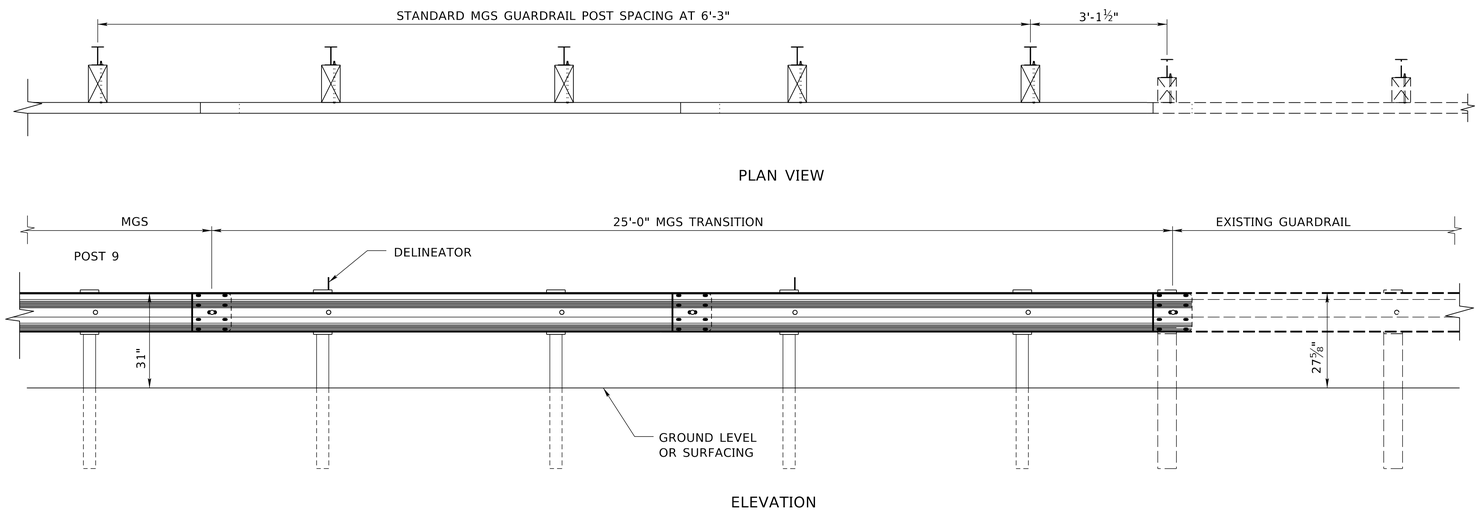
Roadway
Design
Division

COMPUTER: BG0419M187
DATE: 28-AUG-2024 11:00
FILE: 6200 5 R2.dgn



VIEW 1 - 31" BAS FOR MGS TRANSITION TO W-BEAM



VIEW 2 - MGS TRANSITION TO W-BEAM

Project Number

C.N.

31" TRANSITION TO 27-5/8" GRAUDRAIL
STANDARD DETAIL

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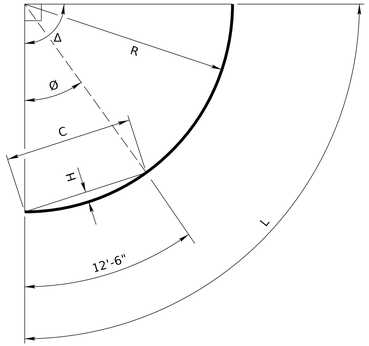
Roadway Design Division

COMPUTER: BG0419M187
DATE: 28-AUG-2024 11:00
FILE: 7038 5 R0.dgn



DETAIL OF CURVED BEAM

RADIUS (R) @ BACK OF RAIL	NUMBER OF CRT POSTS		CURVED BEAM INFORMATION			
	ON CURVE (Δ=90°)	ON TANGENT	L	C	H	Ø
15.92'	5	2	25.00'	12.18'	1.21'	45°
19.89'	6	2	31.25'	12.30'	0.97'	36°
27.85'	8	2	43.75'	12.40'	0.70'	25°45"
35.81'	10	2	56.25'	12.44'	0.54'	20°

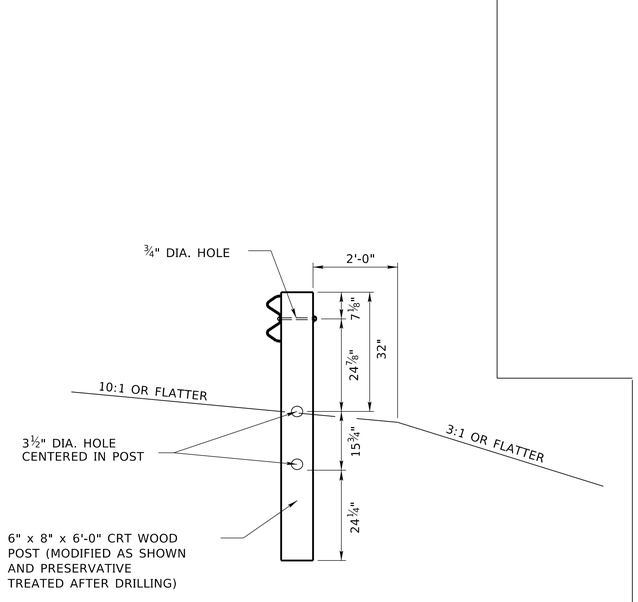
NOTE:
SHOP BEND GUARDRAIL WHEN RADIUS IS SHARPER THAN 150'.

RADIUS (R) @ BACK OF RAIL	W1	W2
15.92'	30'	15'
19.89'	40'	20'
27.85'	50'	20'
35.81'	50'	20'

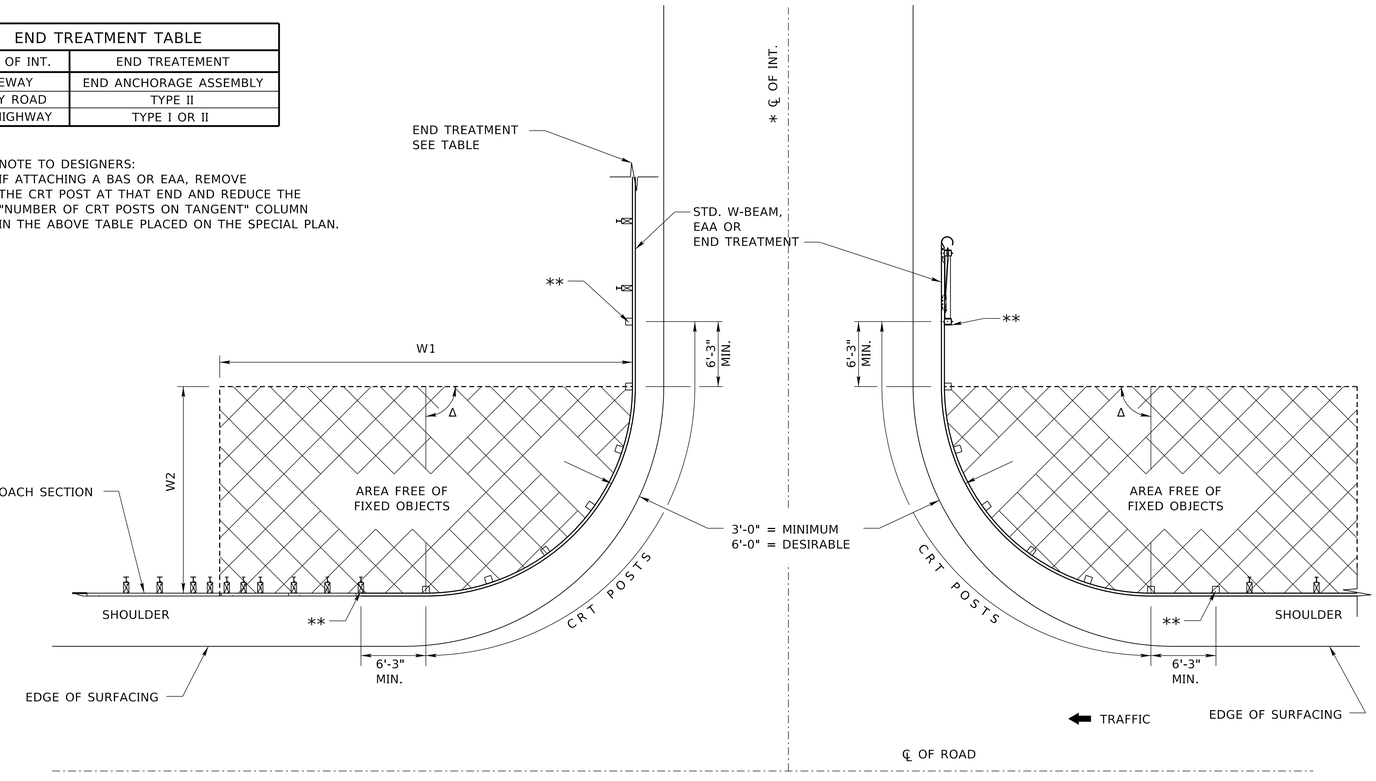
NOTE TO DESIGNERS:
THIS SYSTEM DOES NOT MEET MASH COMPLIANCE, BUT IT IS THE ONLY OPTION FOR CURVED BEAM. IT IS COMMON PRACTICE TO USE THIS SYSTEM AS A LAST OPTION. USE THIS SYSTEM WITH DISCRETION UNTIL ANOTHER SYSTEM IS DEVELOPED.

END TREATMENT TABLE	
* TYPE OF INT.	END TREATEMENT
DRIVEWAY	END ANCHORAGE ASSEMBLY
COUNTY ROAD	TYPE II
STATE HIGHWAY	TYPE I OR II

** NOTE TO DESIGNERS:
IF ATTACHING A BAS OR EAA, REMOVE THE CRT POST AT THAT END AND REDUCE THE "NUMBER OF CRT POSTS ON TANGENT" COLUMN IN THE ABOVE TABLE PLACED ON THE SPECIAL PLAN.



DETAIL OF CONTROLLED RELEASING TERMINAL POST (CRT)



EXAMPLE OF CURVED BEAM INSTALLATION

1 OF 1

Project Number

C.N.

CURVED BEAM DESIGN GUIDE

NEBRASKA
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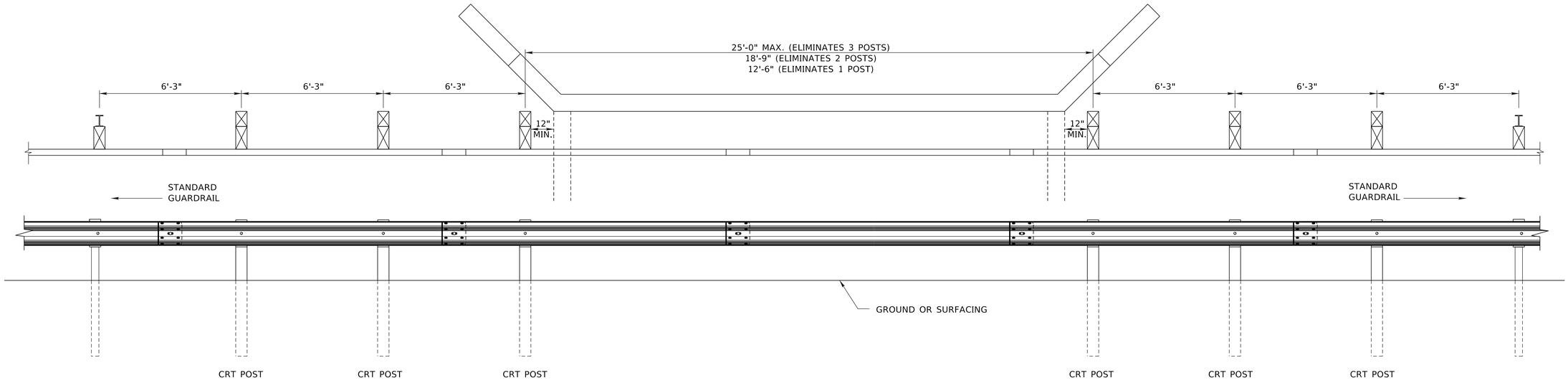
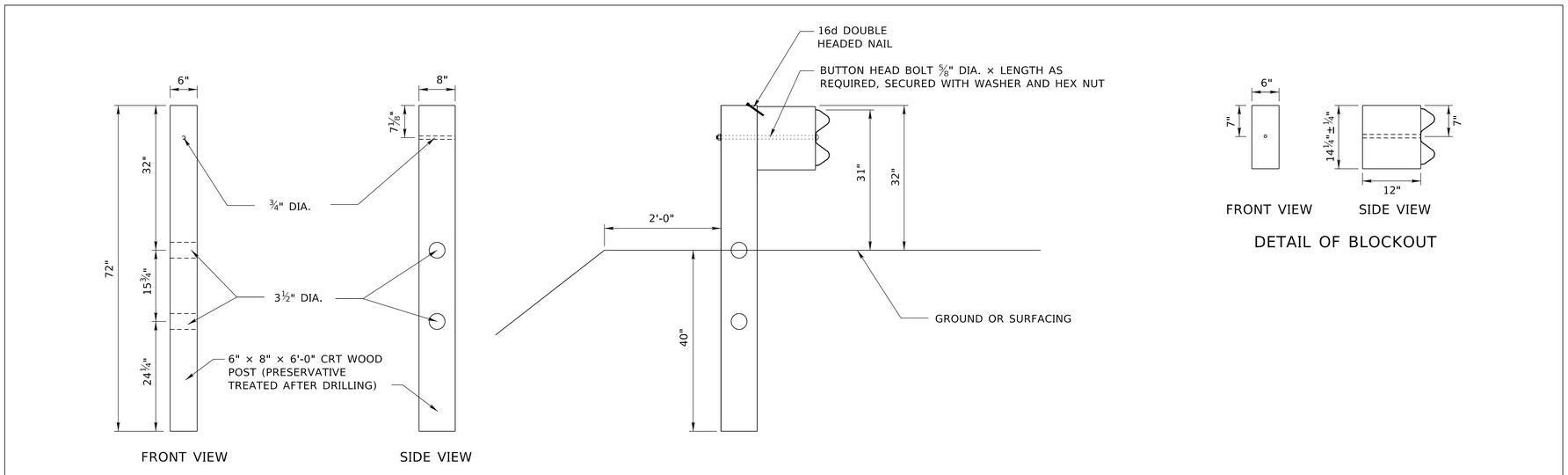
DEPARTMENT OF TRANSPORTATION

Roadway Design Division

COMPUTER: BG04194I187
DATE: 28-AUG-2024 11:00
FILE: 7046 5 R3.dgn

PLACE DETAILS INSIDE BOX ON GUARDRAIL SPECIAL PLAN SHEETS.





DETAIL OF CONTROLLED RELEASING TERMINAL POST (CRT)

1 OF 1

Project Number

C.N.

MGS FOR LONG SPAN
STANDARD DETAIL

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Roadway Design Division

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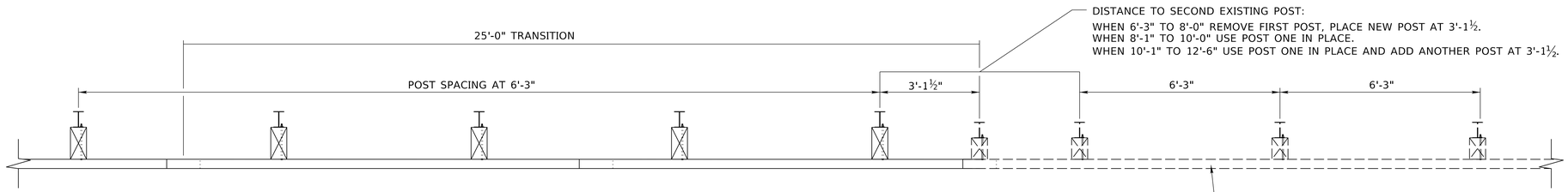
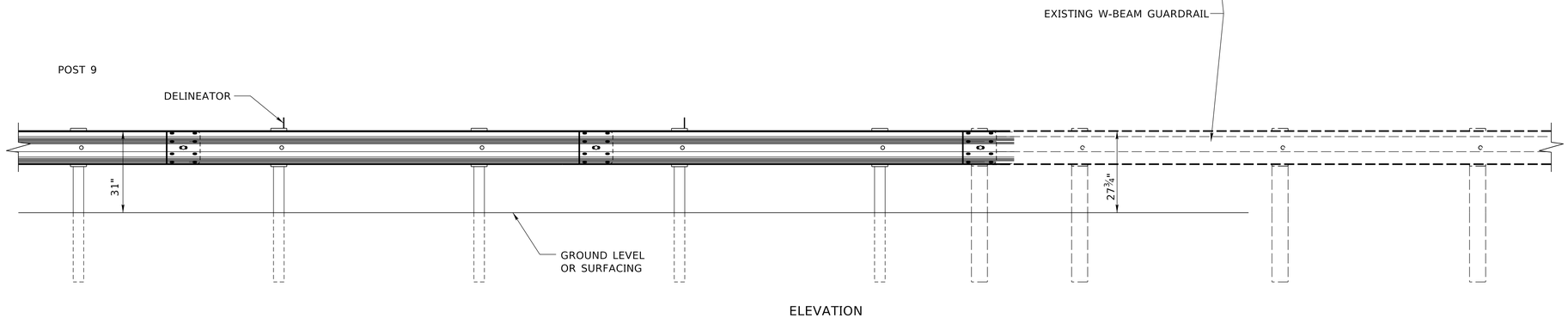
FILE: 7049 5 R0.dgn

PLACE DETAILS IN BOX ON GUARDRAIL LAYOUT SPECIAL PLAN SHEETS



PLAN VIEW



ELEVATION

W-BEAM TRANSITION 31" TO 27¾"

1 OF 1

Project Number

C.N.

25 FT. TRANSITION SECTION 31" TO EXISTING 27-3/4"

STANDARD DETAIL

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