

APPROACH BRIDGE TYPICAL SECTION
SCALE 1/4" = 1'-0"

DECORATIVE CAST ALUMINUM STREET LIGHT AND POLE ASSEMBLY

CONDUIT #2, #3, #4, #5, & #6 WILL EXTEND FROM STA. 124+79.00 TO STA. 125+47.50

BRIDGE RAILING, ALUMINUM/PEDESTRIAN

(6) 4" Ø UTILITY CONDUITS @ 12" o/c

CONDUIT #1 4" DIA UTILITY CONDUIT FOR STREET LIGHTING

2'-0"x3'-0" SIDEWALK & DECK EXTENSION FOR LIGHT MOUNT BASE (BEYOND) W36x150 (TYP)

VARIES 3'-3" MAXIMUM SEE "APPROACH SPAN FRAMING PLAN" FOR STEEL LOCATION

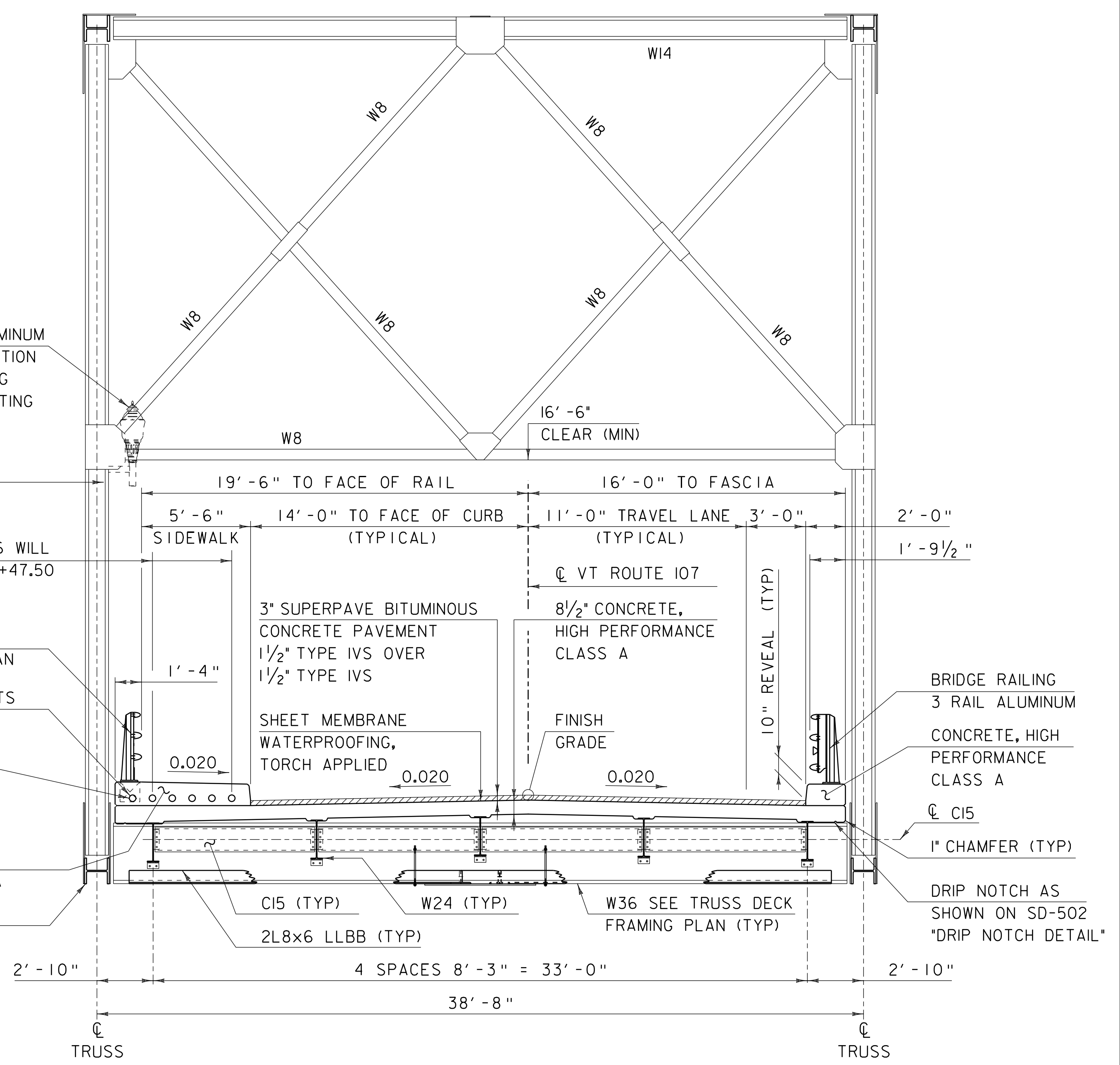
BRIDGE RAILING, 3 RAIL ALUMINUM

CONCRETE, HIGH PERFORMANCE CLASS "A" TYPICAL CURB, SIDEWALK & DECK

1" CHAMFER (TYP)

DRIP NOTCH AS SHOWN ON SD-502 "DRIP NOTCH DETAIL"

VARIES 3'-3" MAXIMUM SEE "APPROACH SPAN FRAMING PLAN" FOR STEEL LOCATION



TRUSS BRIDGE TYPICAL SECTION
SCALE 1/4" = 1'-0"

DECORATIVE CAST ALUMINUM STREET LIGHT (3) LOCATION ON TRUSS, SEE LIGHTING LAYOUT SHEET & LIGHTING DETAILS SHEETS.

W14 TRUSS VERTICAL MEMBER SEE TRUSS FRAMING PLAN

CONDUIT #2, #3, #4, #5, & #6 WILL EXTEND FROM STA. 125+47.50 TO STA. 128+02.50

BRIDGE RAILING, ALUMINUM / PEDESTRIAN

(6) 4" Ø UTILITY CONDUITS @ 12" o/c

CONDUIT #1 4" DIA UTILITY CONDUIT FOR STREET LIGHTING

CONCRETE, HIGH PERFORMANCE CLASS A

W14 TRUSS BOTTOM CHORD SEE TRUSS FRAMING PLAN

3" SUPERPAVE BITUMINOUS CONCRETE PAVEMENT 1 1/2" TYPE IVS OVER 1 1/2" TYPE IVS

SHEET MEMBRANE WATERPROOFING, TORCH APPLIED

CONCRETE, HIGH PERFORMANCE CLASS A

C15 (TYP)

W24 (TYP)

2L8x6 LLBB (TYP)

16'-6" CLEAR (MIN)

19'-6" TO FACE OF RAIL

16'-0" TO FASCIA

5'-6" SIDEWALK

14'-0" TO FACE OF CURB (TYPICAL)

11'-0" TRAVEL LANE (TYPICAL)

3'-0"

2'-0"

1'-9 1/2"

CL VT ROUTE 107

8 1/2" CONCRETE, HIGH PERFORMANCE CLASS A

FINISH GRADE

10" REVEAL (TYP)

BRIDGE RAILING 3 RAIL ALUMINUM

CONCRETE, HIGH PERFORMANCE CLASS A

C15

1" CHAMFER (TYP)

DRIP NOTCH AS SHOWN ON SD-502 "DRIP NOTCH DETAIL"

2'-10"

4 SPACES 8'-3" = 33'-0"

38'-8"

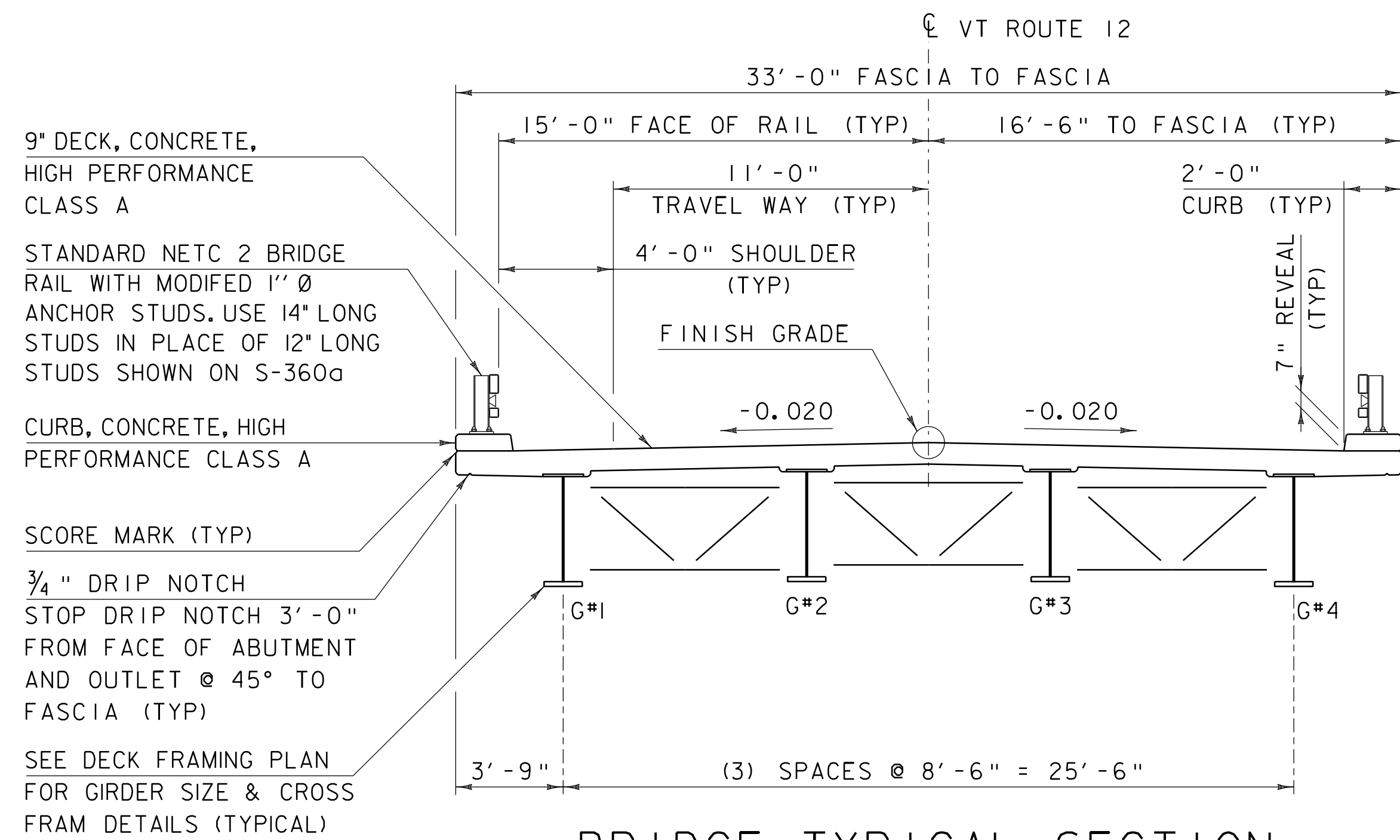
2'-10"

TRUSS

TRUSS

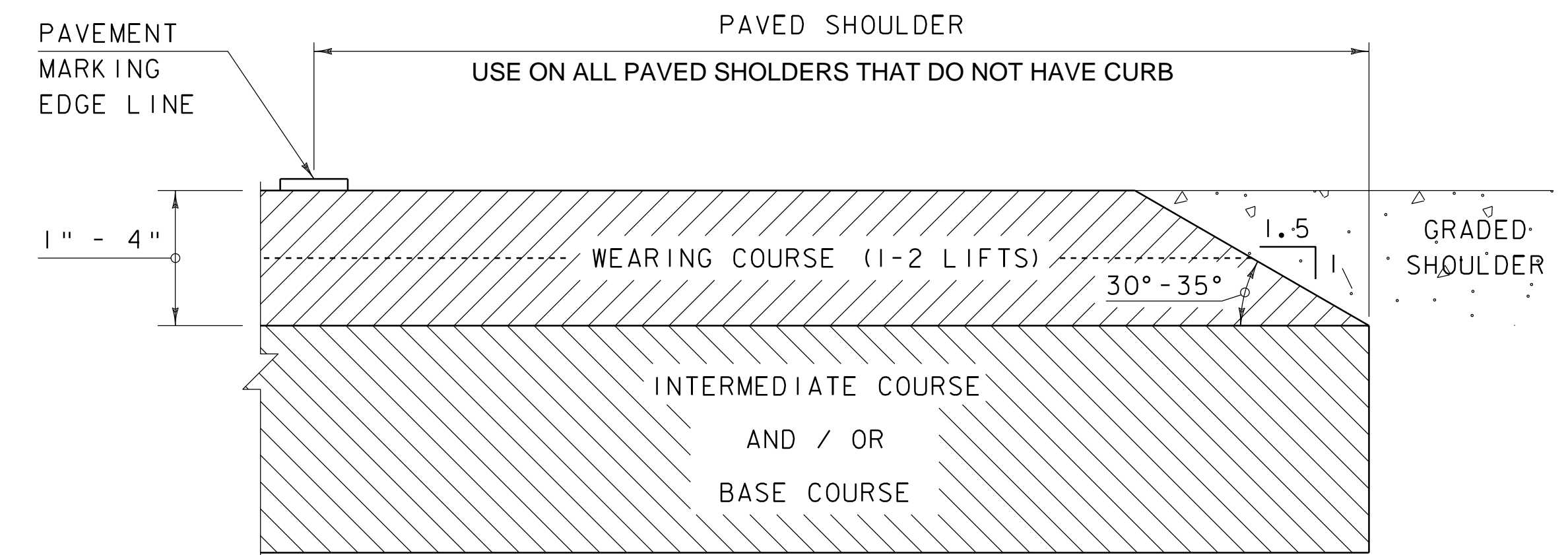
CONDUIT #1 FOR STREET LIGHTING WILL RUN FROM LIGHTPOLE AT STA. 123+00 LT TO PROPOSED POWER DROP STANCHION AT STA. 128+32 LT

PROJECT NAME:	BETHEL	PLOT DATE:	20-MAY-2011
PROJECT NUMBER:	BRF 022-1(14)	DRAWN BY:	M. LONGSTREET
FILE NAME:	sf161typ.dgn	DESIGNED BY:	S. SCRIBNER
PROJECT LEADER:	M. EVANS-MONGEON	CHECKED BY:	S. SCRIBNER
BRIDGE TYPICAL SECTIONS - VT 107		SHEET	6 OF 148



BRIDGE TYPICAL SECTION

SCALE 1/4" = 1'-0"



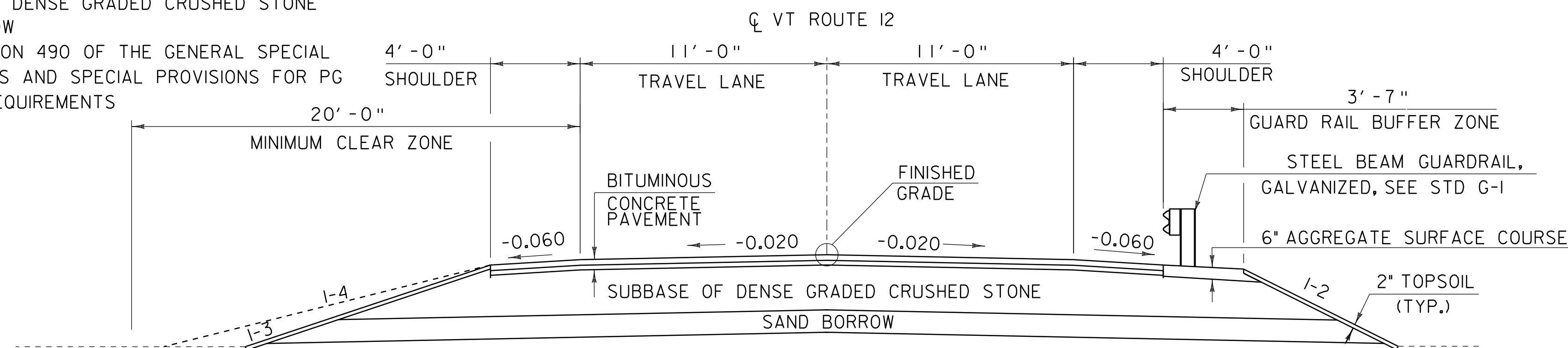
SAFETY EDGE DETAIL

NOT TO SCALE

NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.

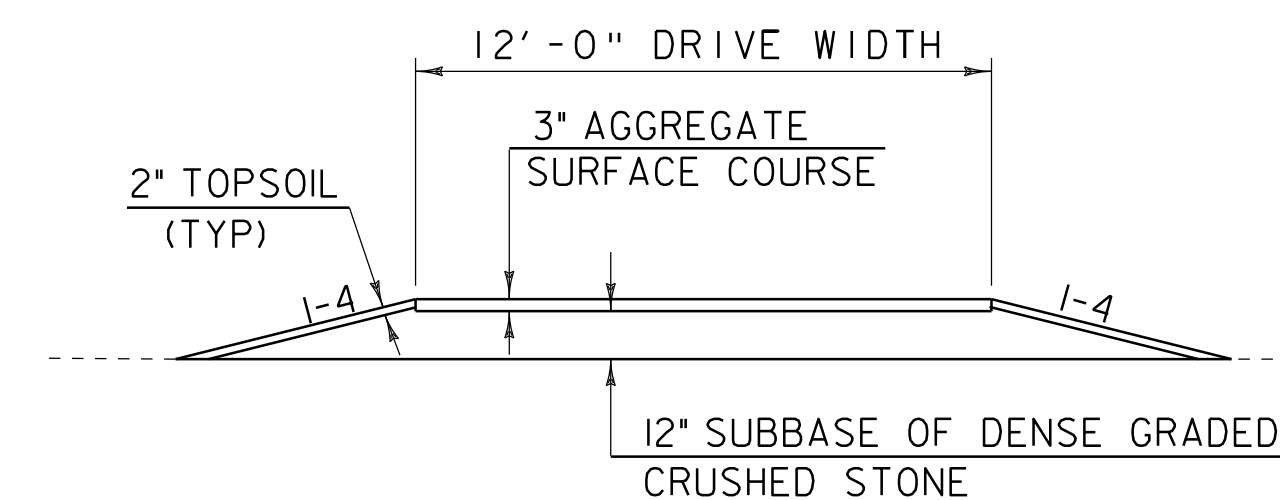
VT ROUTE 12
 1 1/2" BITUMINOUS CONCRETE PAVEMENT (TYPE IVS)
 1 1/2" BITUMINOUS CONCRETE PAVEMENT (TYPE IVS)
 2 1/2" BITUMINOUS CONCRETE PAVEMENT (TYPE IIS)
 2'-0" SUBBASE OF DENSE GRADED CRUSHED STONE
 1'-0" SAND BORROW

NOTE: SEE SECTION 490 OF THE GENERAL SPECIAL PROVISIONS AND SPECIAL PROVISIONS FOR PG BINDER REQUIREMENTS



VT ROUTE 12 TYPICAL SECTION

SCALE 1/4" = 1'-0"



DRIVE I03+28.50 (RT) TYPICAL SECTION

SCALE 1/4" = 1'-0"

MATERIAL TOLERANCES
(IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"

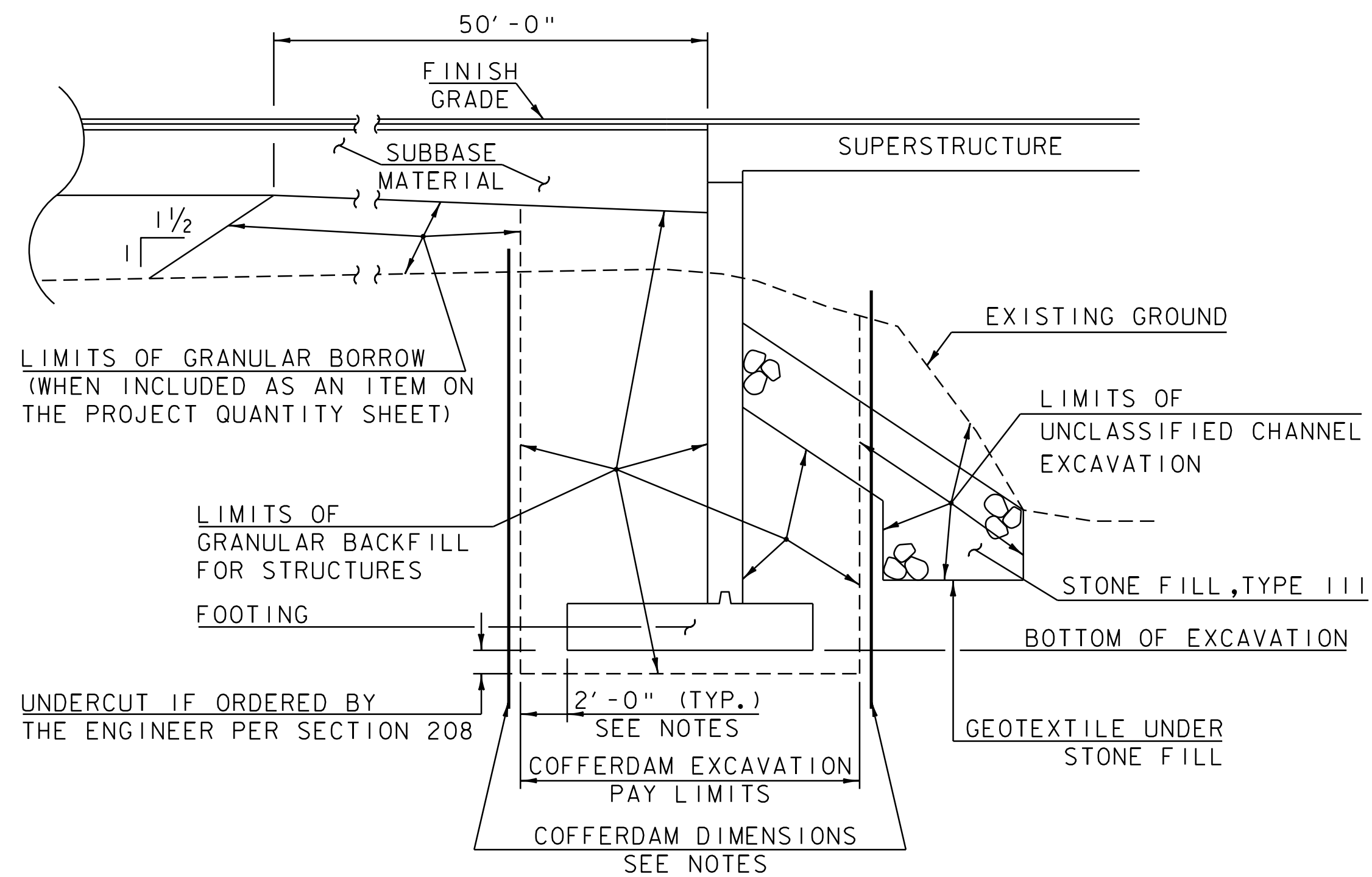
PROJECT NAME: BETHEL
 PROJECT NUMBER: BHF 0241(30)

FILE NAME: sc002typ.dgn
 PROJECT LEADER: M. EVANS-MONGEON
 DESIGNED BY: U. STANLEY
 TYPICAL SECTIONS

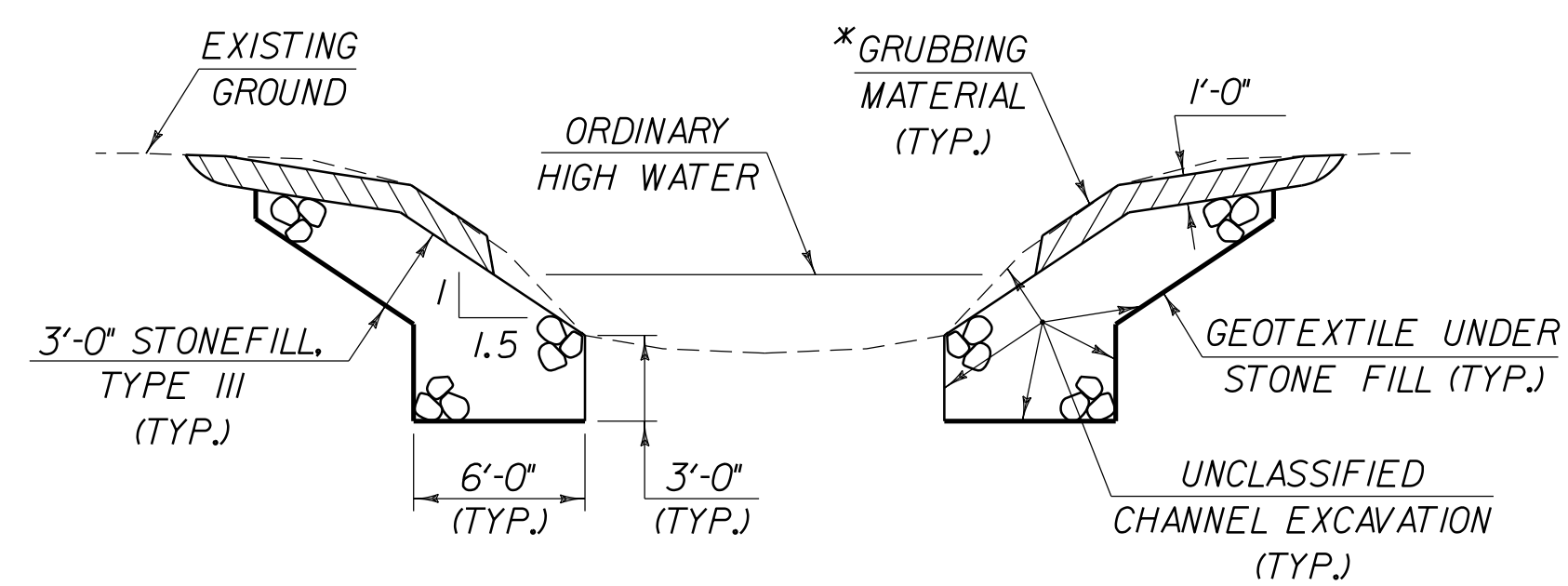
PLOT DATE: 31-AUG-2011
 DRAWN BY: G. ROKES
 CHECKED BY: U. STANLEY
 SHEET 5 OF 64

COFFERDAM NOTES

1. COFFERDAM DIMENSIONS TO BE DETERMINED BY THE CONTRACTOR.
2. THE PAY LIMITS OF EITHER "COFFERDAM EXCAVATION, EARTH" AND "COFFERDAM EXCAVATION, ROCK" SHALL BE 2'-0" OUTSIDE THE PERIMETER OF THE FOOTING AND FROM BOTTOM OF EXCAVATION UP TO THE EXISTING GROUND OR BOTTOM OF SUBBASE, WHICHEVER IS LOWER.
3. IF A COFFERDAM IS CONSTRUCTED WHICH IS LARGER THAN THE INDICATED COFFERDAM EXCAVATION PAY LIMITS, PAYMENT FOR ALL UNCLASSIFIED CHANNEL EXCAVATION, INCLUDING THAT PORTION WHICH IS INSIDE THE COFFERDAM BUT OUTSIDE THE COFFERDAM PAY LIMITS, WILL BE MADE AT THE CONTRACT UNIT PRICE FOR UNCLASSIFIED CHANNEL EXCAVATION. NO MEASUREMENT AND PAYMENT WILL BE MADE FOR COFFERDAM EXCAVATION AND GRANULAR BACKFILL FOR STRUCTURES OUTSIDE THE PAY LIMITS DEFINED IN NOTE 2.

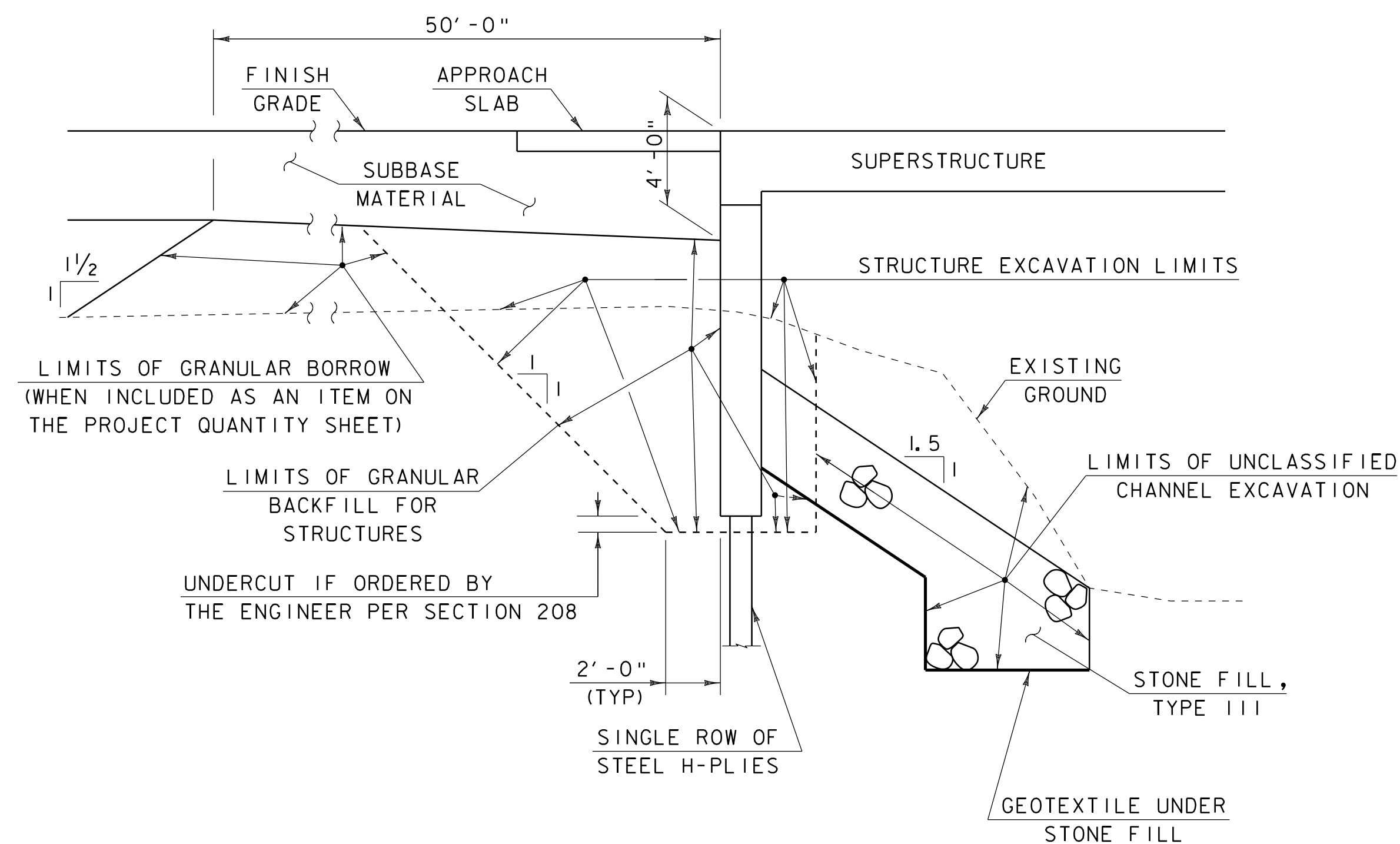


COFFERDAM AND EARTHWORK SECTION
(NOT TO SCALE)
ABUTMENT #1



TYPICAL CHANNEL SECTION
(NOT TO SCALE)

*GRUBBING MATERIAL SHALL NOT BE PLACED ON THE STONE FILL IN THE AREA UNDER THE BRIDGE. WHENEVER CHANNEL SLOPE INTERSECTS ROADWAY SUBBASE, GRUBBING MATERIAL SHALL BEGIN AT THE BOTTOM OF SUBBASE.



TYPICAL INTEGRAL ABUTMENT SECTION
(NOT TO SCALE)
ABUTMENT #2

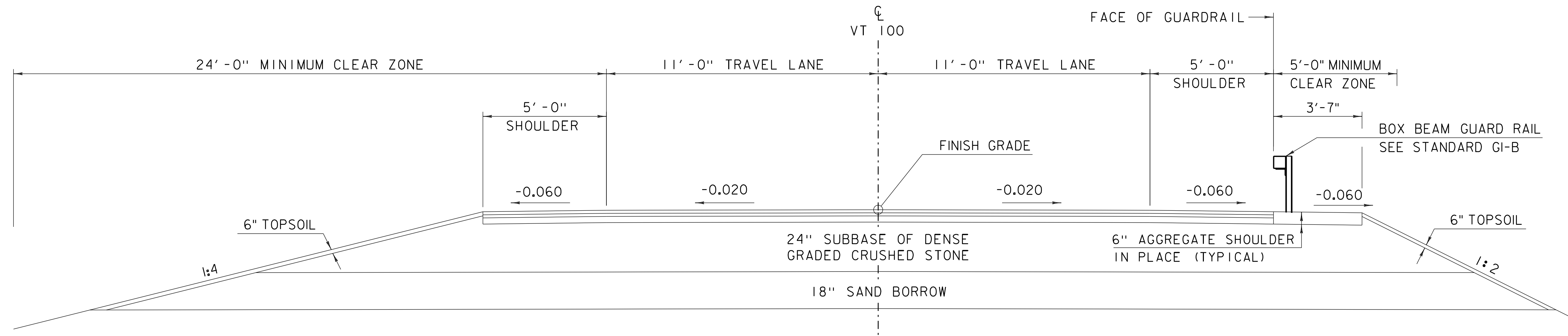
1. ACTUAL EXCAVATION SHALL BE DETERMINED BY THE CONTRACTOR. HOWEVER, ONLY THE EXCAVATION BETWEEN THE LIMITS SHOWN WILL BE PAID FOR UNDER THE ITEM 204.25 "STRUCTURE EXCAVATION".

PROJECT NAME: BETHEL
PROJECT NUMBER: BHF 0241(30)

FILE NAME: sc002+yp.dgn
PROJECT LEADER: M. EVANS-MONGEON
DESIGNED BY: U. STANLEY
EARTHWORK TYPICAL

PLOT DATE: 31-AUG-2011
DRAWN BY: G. ROKES
CHECKED BY: U. STANLEY
SHEET 4 OF 64

VT 100
 1 1/2" BITUMINOUS CONCRETE PAVEMENT TYPE IVS
 1 1/2" BITUMINOUS CONCRETE PAVEMENT TYPE IVS
 3" BITUMINOUS CONCRETE PAVEMENT TYPE IIIS
 24" SUBBASE OF DENSE GRADED CRUSHED STONE
 18" SAND BORROW
 EMULSIFIED ASPHALT TO BE APPLIED AT A RATE OF 0.025 GAL/SY
 BETWEEN SUCCESSIVE COURSES OF PAVEMENT, AS DIRECTED BY THE ENGINEER.



VT 100 NORMAL SECTION TYPICAL
 SCALE 3/8" = 1'-0"

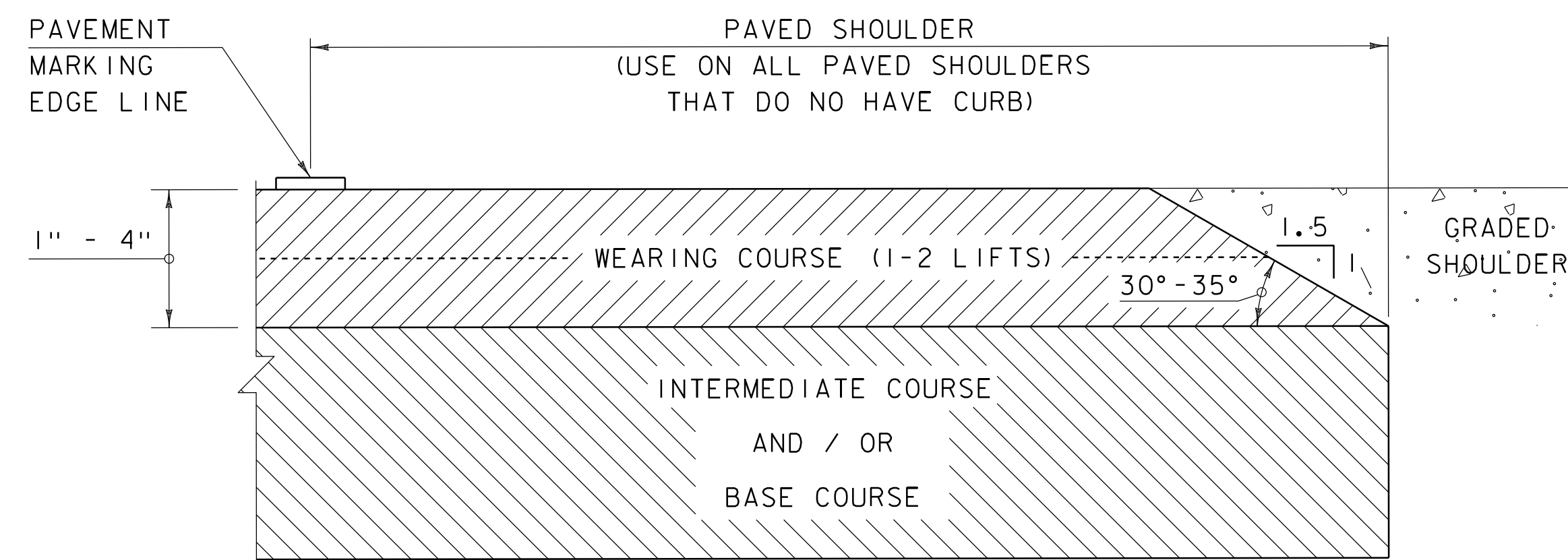
MATERIAL TOLERANCES
 (IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"

PROJECT NAME: WARREN
 PROJECT NUMBER: BRF 013-4 (14)

FILE NAME: s78f242typ.dgn
 PROJECT LEADER: J. LACROIX
 DESIGNED BY: U. STANLEY
 TYPICAL SECTIONS SHEET 1

PLOT DATE: 27-JUL-2012
 DRAWN BY: G. ROKES
 CHECKED BY: U. STANLEY
 SHEET 5 OF 83

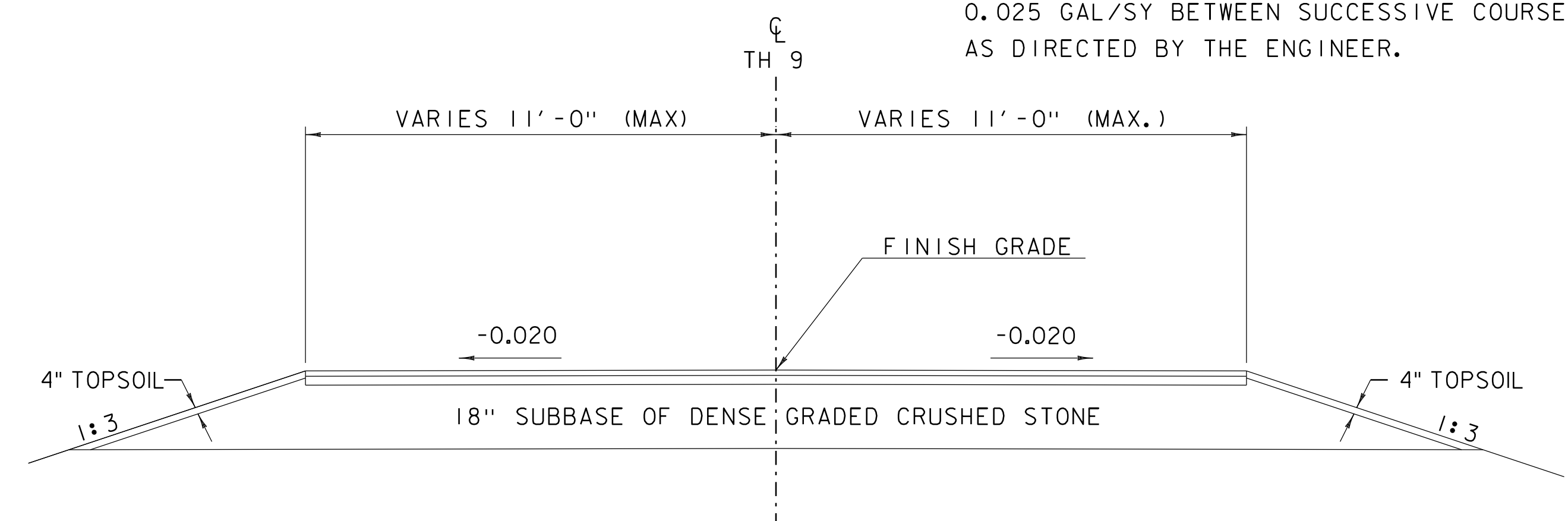


SAFETY EDGE DETAIL

NOT TO SCALE

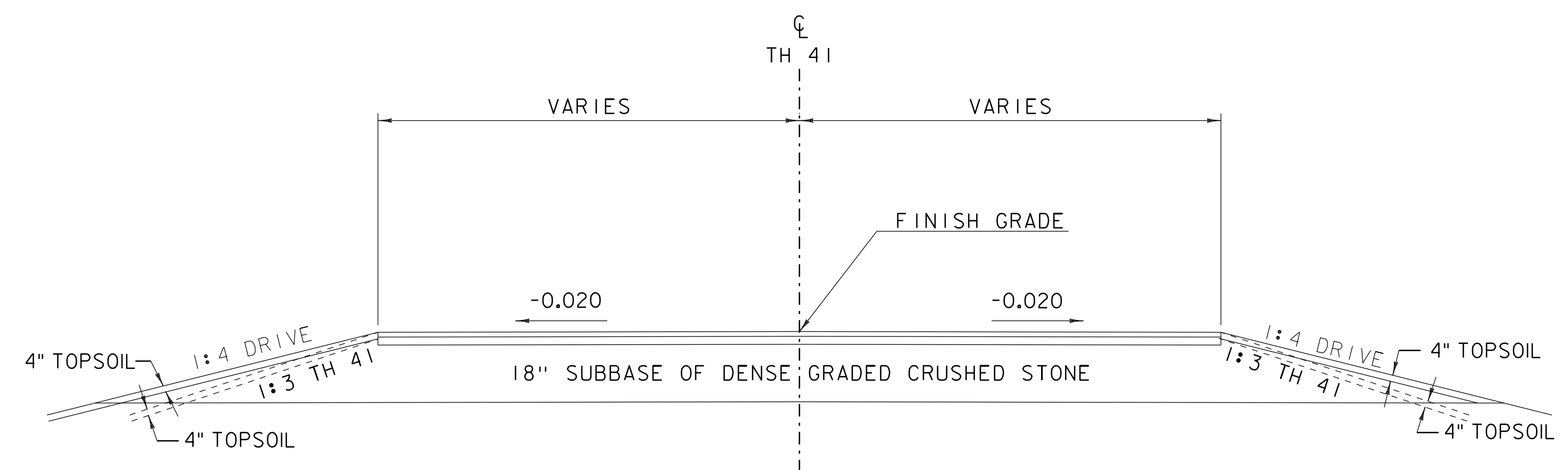
NOTE: LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.

TOWN HIGHWAY AND DRIVES
 1 1/2" BITUMINOUS CONCRETE PAVEMENT TYPE IVS
 3" BITUMINOUS CONCRETE PAVEMENT TYPE IIIS
 18" SUBBASE OF DENSE GRADED CRUSHED STONE
 EMULSIFIED ASPHALT TO BE APPLIED AT A RATE OF 0.025 GAL/SY BETWEEN SUCCESSIVE COURSES OF PAVEMENT AS DIRECTED BY THE ENGINEER.



TH 9 TYPICAL

SCALE 3/8" = 1'-0"



TH 41 & DRIVE TYPICAL

SCALE 3/8" = 1'-0"

MATERIAL TOLERANCES

(IF USED ON PROJECT)

SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- 1/4"
- AGGREGATE SURFACE COURSE	+/- 1/2"
SUBBASE	+/- 1"
SAND BORROW	+/- 1"

PROJECT NAME: WARREN
 PROJECT NUMBER: BRF 013-4 (14)

FILE NAME: s78f242typ.dgn
 PROJECT LEADER: J. LACROIX
 DESIGNED BY: U. STANLEY
 TYPICAL SECTIONS SHEET 2

PLOT DATE: 27-JUL-2012
 DRAWN BY: G. ROKES
 CHECKED BY: U. STANLEY
 SHEET 6 OF 83