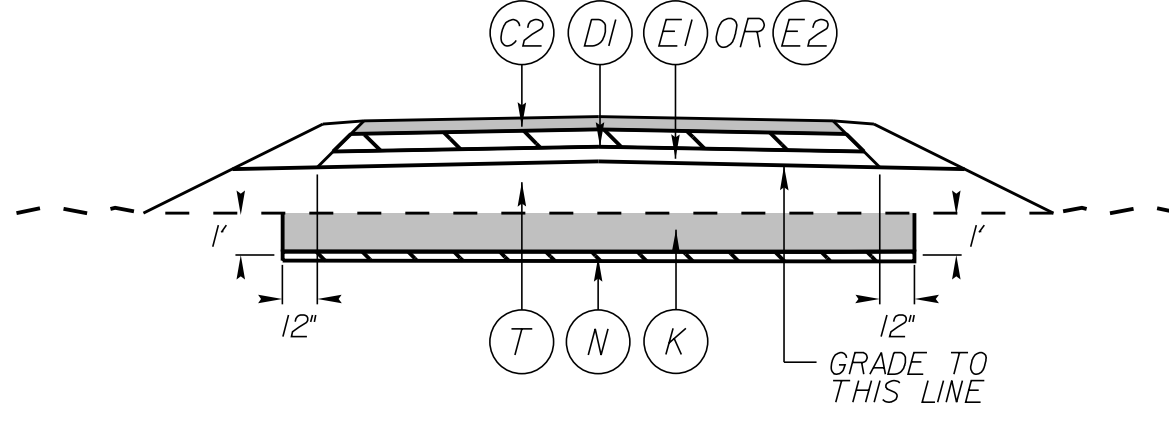


5/14/99

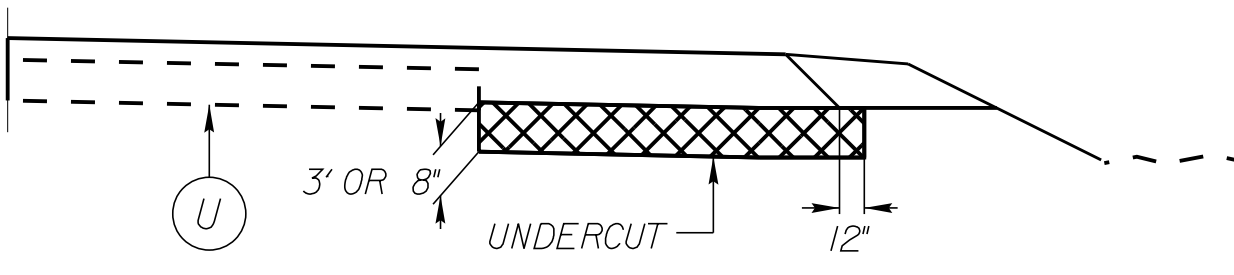
NOTES:
 1. PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED.
 2. SEE PLANS FOR TAPER LOCATIONS.
 3. SEE PLANS FOR CURB AND GUTTER LOCATIONS.
 4. USE WEDGING AS NECESSARY (SEE DETAIL ON SHEET 2A-2).
 5. REMOVE EXISTING PAVEMENT -L- STA. 27+65.00 TO 34+50.00.

USE ALONG:
 -L- STA 27+75 TO 36+25
 -L- STA 47+25 TO 48+25*
 -LI- STA 10+00 TO 10+25
 -LI- STA 10+75 TO 18+50
 -Y6- STA 13+75 TO 16+00
 -RABA- STA 10+25 TO 11+35
 -RABB- STA 10+00 TO 11+10
 -RABC- STA 10+00 TO 10+85
 -RABD- STA 10+00 TO 10+85



*BETWEEN 46+50 TO 48+00 UTILIZE AGGREGATE SUBGRADE STABILIZATION IN LIEU OF FULL-DEPTH UNDERCUT DUE TO TRANSCO GAS PIPELINES.

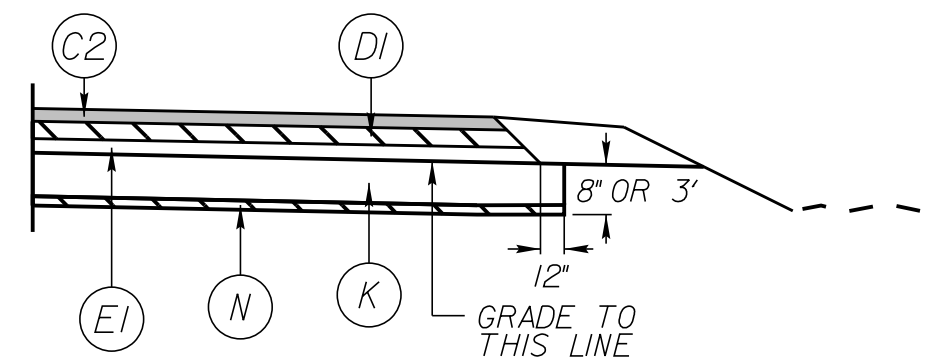
SHALLOW UNDERCUT



USE 3':
 -L- STA 38+75 TO 43+25
 -L- STA 48+00 TO 54+25
 -L- STA 55+75 TO 71+75
 -L- STA 76+25 TO 82+25
 -L- STA 93+75 TO 94+55
 -RABA- STA 10+00 TO 10+25
 -RABB- STA 11+10 TO 11+47.75
 -RABC- STA 10+85 TO 12+41.61
 -RABD- STA 10+85 TO 12+10
 -Y6- STA 24+75 TO 25+25

USE 8':
 -L- STA 72+50 TO 76+25
 -L- STA 82+00 TO 86+50
 -L- STA 90+50 TO 93+50

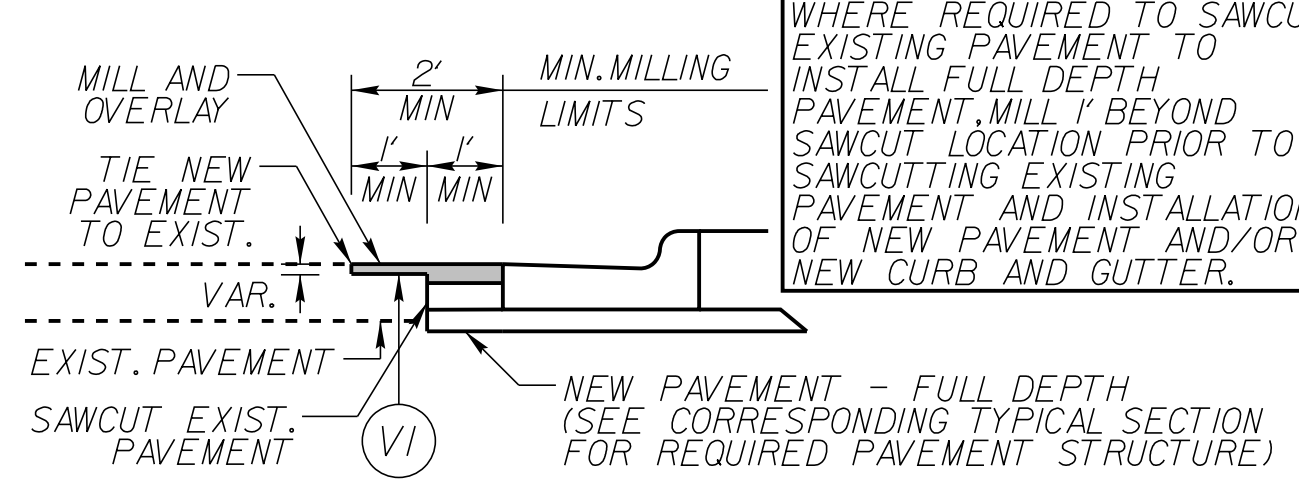
UNDERCUT EXCAVATION



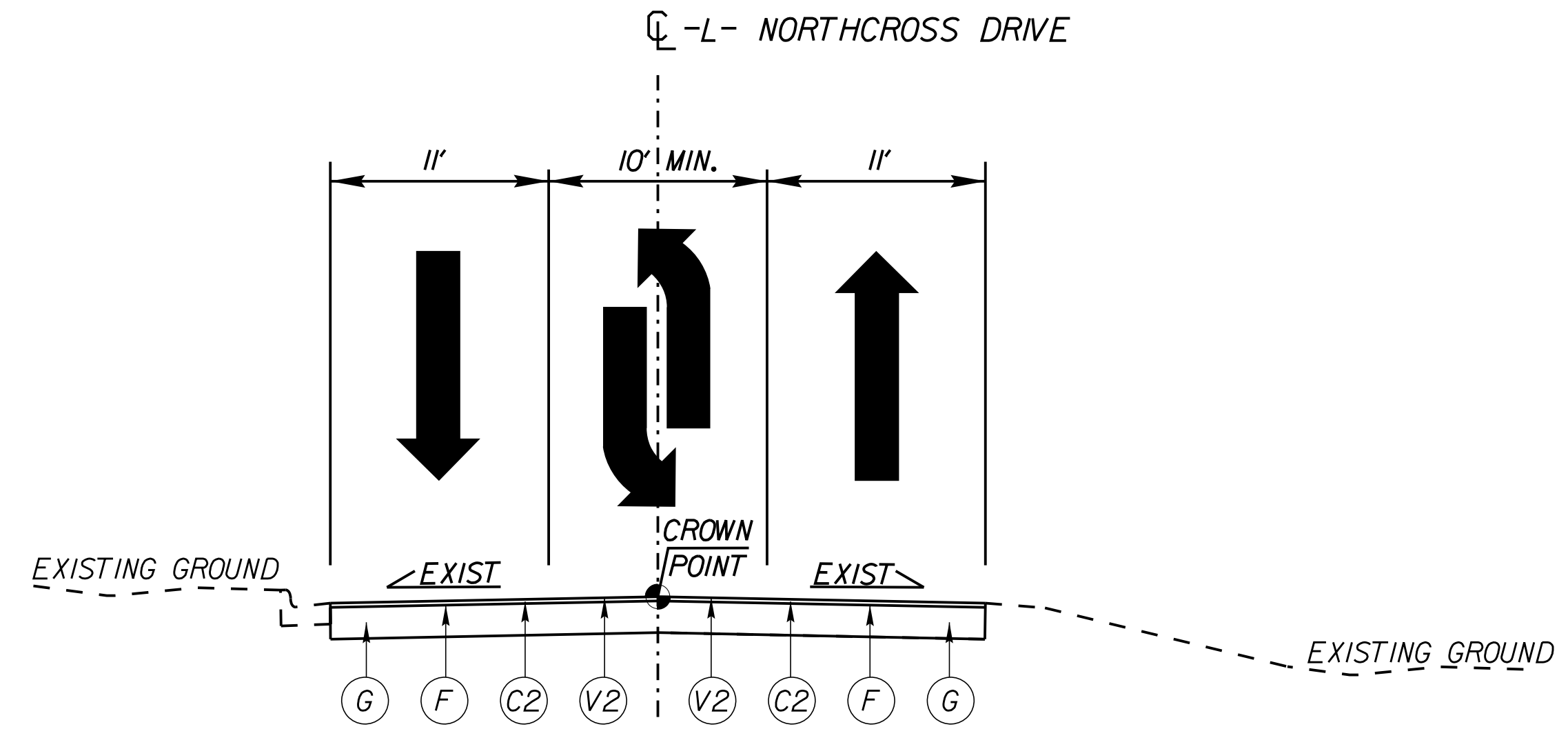
USE 3':
 -L- STA 38+75 TO 43+25
 -L- STA 48+00 TO 54+25
 -L- STA 55+75 TO 71+75
 -L- STA 76+25 TO 82+25
 -L- STA 93+75 TO 94+55
 -RABA- STA 10+00 TO 10+25
 -RABB- STA 11+10 TO 11+47.75
 -RABC- STA 10+85 TO 12+41.61
 -RABD- STA 10+85 TO 12+10
 -Y6- STA 24+75 TO 25+25

USE 8':
 -L- STA 72+50 TO 76+25
 -L- STA 82+00 TO 86+50
 -L- STA 90+50 TO 93+50

SUBGRADE STABILIZATION

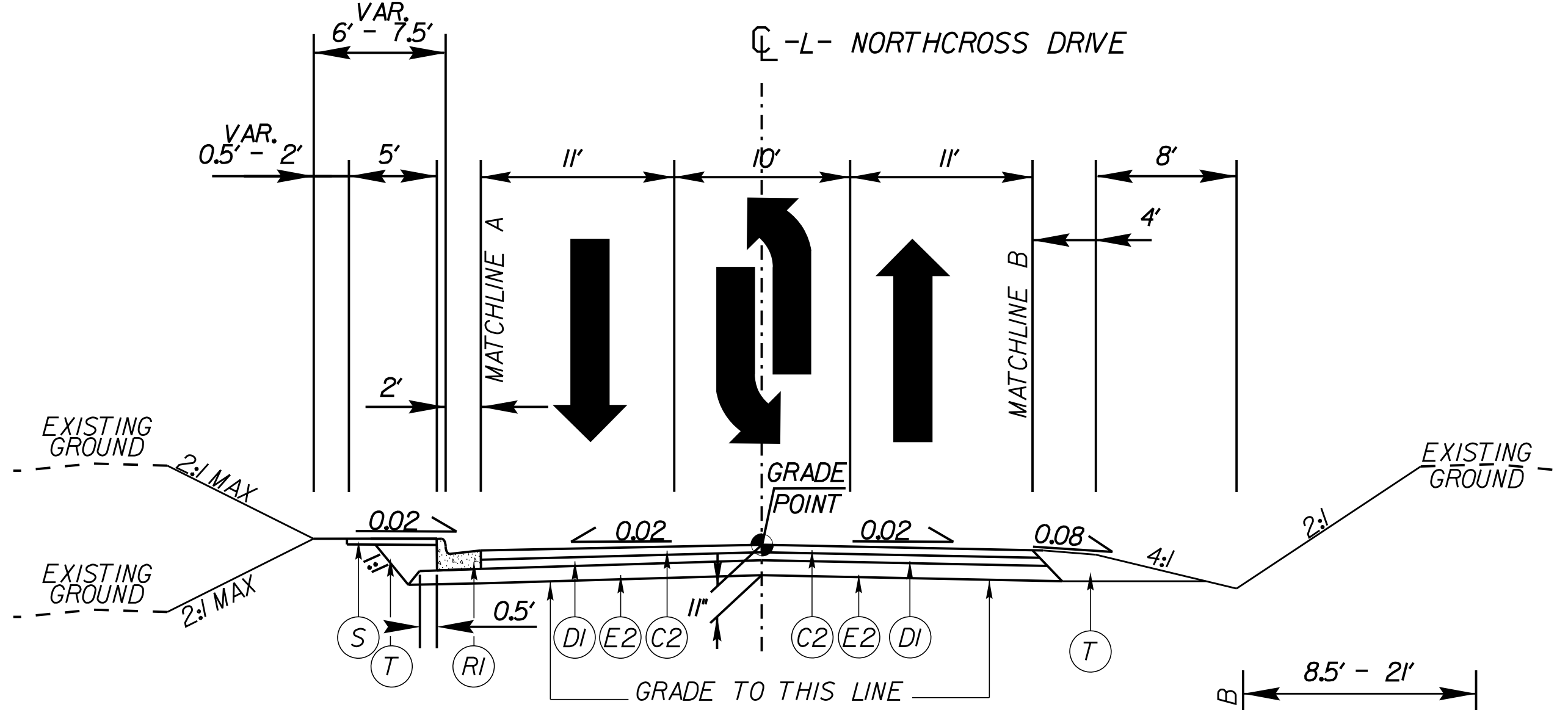


MILLING AND SAWCUT DIMENSIONS



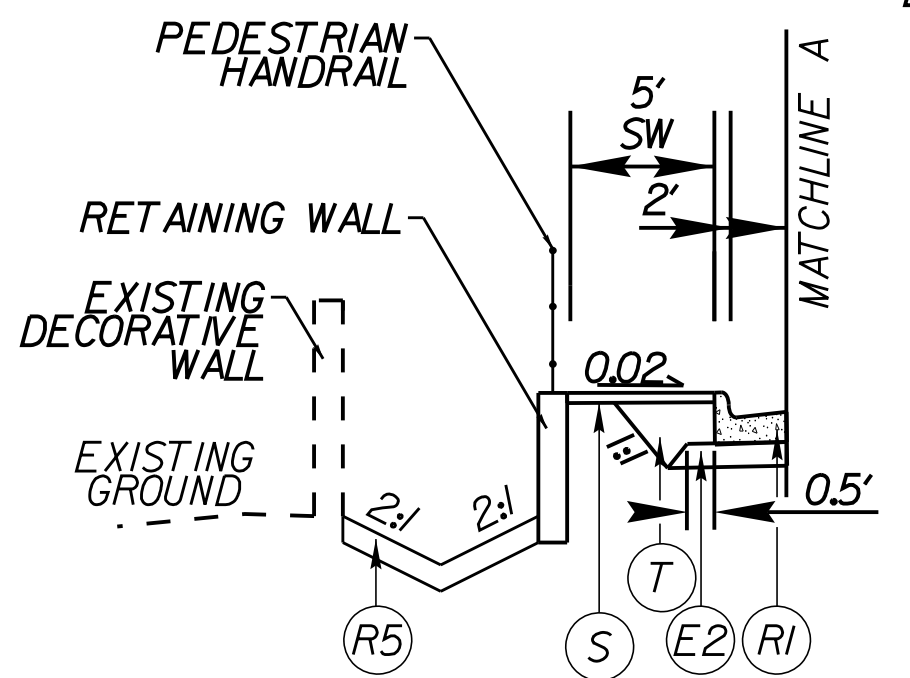
TYPICAL SECTION NO. 1

-L- STA 11+88.00 TO 27+65.00



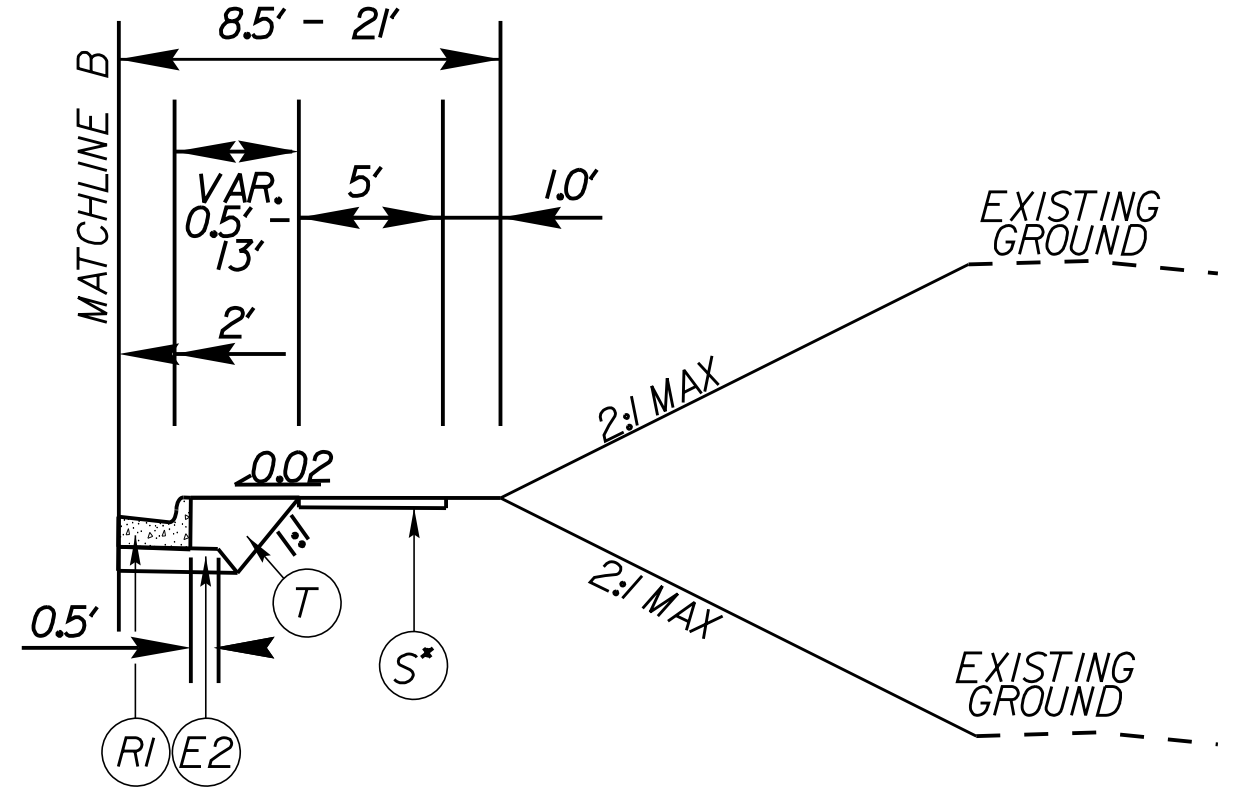
TYPICAL SECTION NO. 2

-L- STA 27+65.00 TO 33+58.57
 *SEE NOTE 5



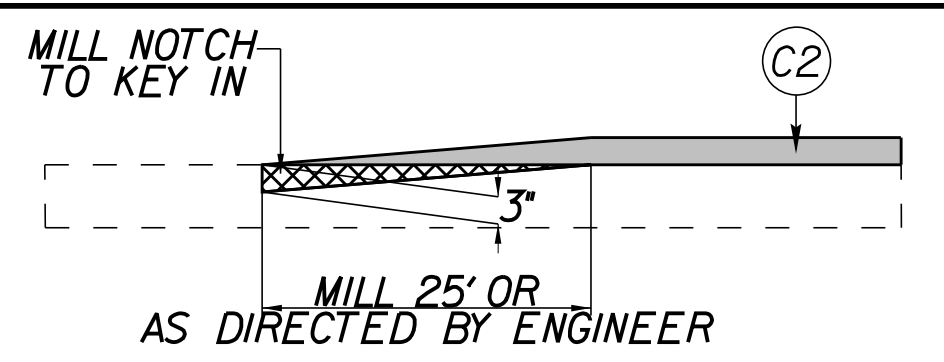
TYPICAL SECTION NO. 2A

-L- STA 31+00.00 TO 33+03.00

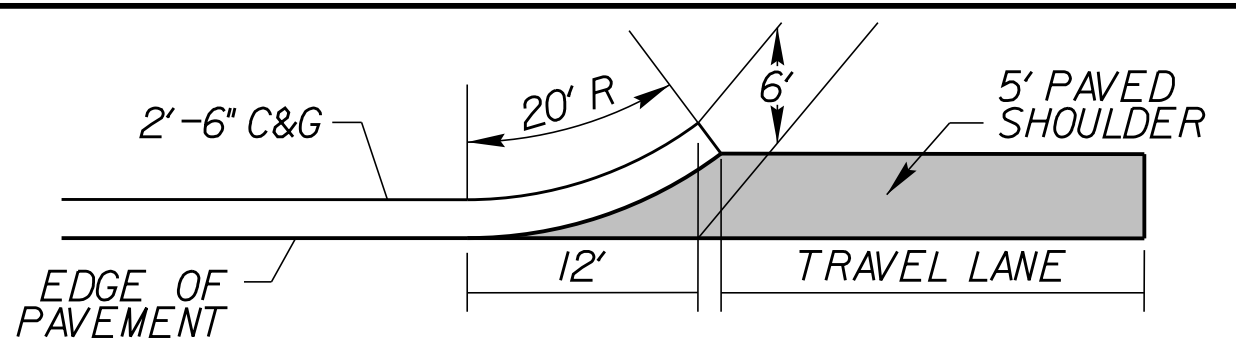


TYPICAL SECTION NO. 2B

* -L- STA 30+50.73 TO 33+58.57
 * SW -L- STA 30+72.62 TO 31+38.98
 * SW -L- STA 31+78.45 TO 33+58.57



INCIDENTAL MILLING DETAIL



CURB & GUTTER FLARE

Kimley Horn
 NC LICENSE #F-0102
 200 SOUTH TRYON, SUITE 200
 CHARLOTTE, N.C. 28202
 RIGHT-OF-WAY REV.
 CONST. REV.

PROJECT REFERENCE NO. U-5108	SHEET NO. 2A-1
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
5/3/2024	5/9/2024
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PAVEMENT SCHEDULE

A1	12" TRUCK MOUNTABLE CONCRETE ISLAND (CLASS AA)
A2	6" CONCRETE DRIVEWAY
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD IN EACH OF TWO LAYERS
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 1.5" IN DEPTH
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I9.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 2 1/2" OR GREATER THAN 4" IN DEPTH
E1	PROP. APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YARD
E2	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD
E3	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT GREATER THAN 5.5" IN DEPTH OR LESS THAN 3" IN DEPTH
E4	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YARD
F	ASPHALT SURFACE TREATMENT, DOUBLE SEAL
G	PROP. 12" SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
J1	PROP. 6" AGGREGATE BASE COURSE
J2	PROP. 8" AGGREGATE BASE COURSE
K	CLASS IV SUBGRADE STABILIZATION
N	GEOTEXTILE FOR SUBGRADE STABILIZATION
R1	2'-6" CONCRETE CURB AND GUTTER
R2	1'-6" CONCRETE CURB AND GUTTER
R3	PROP. SHOULDER BERM GUTTER
R4	5' MONOLITHIC CONCRETE ISLAND (SURFACE MOUNTED)
R5	4" CONCRETE PAVED DITCH
R6	8' x 18" CONCRETE CURB
R7	SINGLE FACED CONCRETE BARRIER
S	4" CONCRETE SIDEWALK / SHARED USE PATH
T	EARTH MATERIAL
U	EXISTING PAVEMENT
V1	MILLING (1.5')
V2	MILLING (1.5')
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL SHEET 2A-2)

K:\CHL_PRA\01036359 - U-5108 (Northcross)\DS\Roadway\Proj\U-5108_rdy.txd

5/3/2024