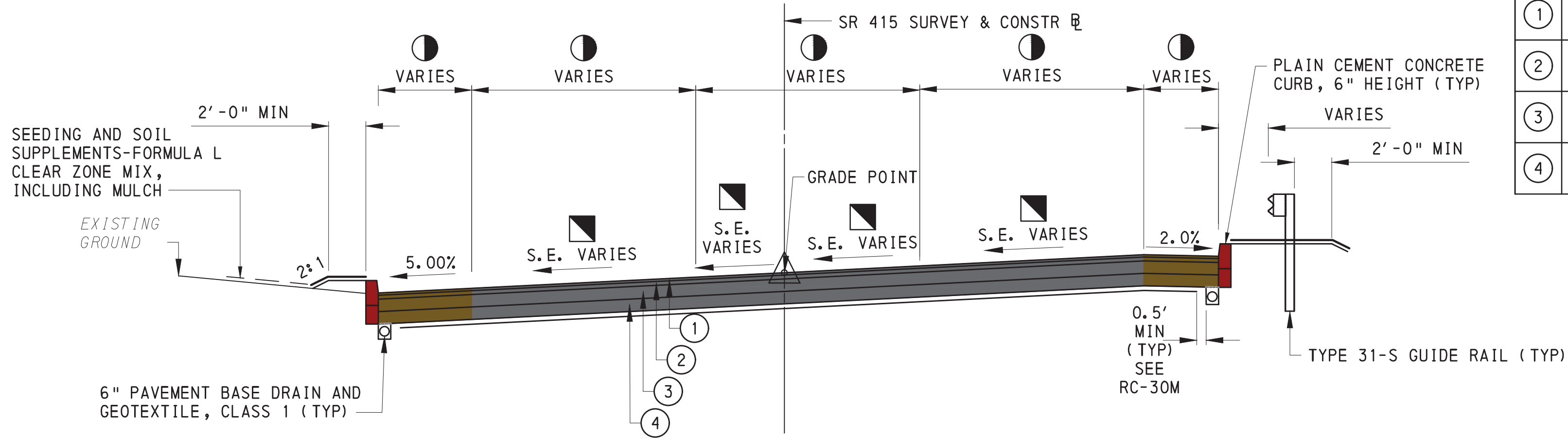


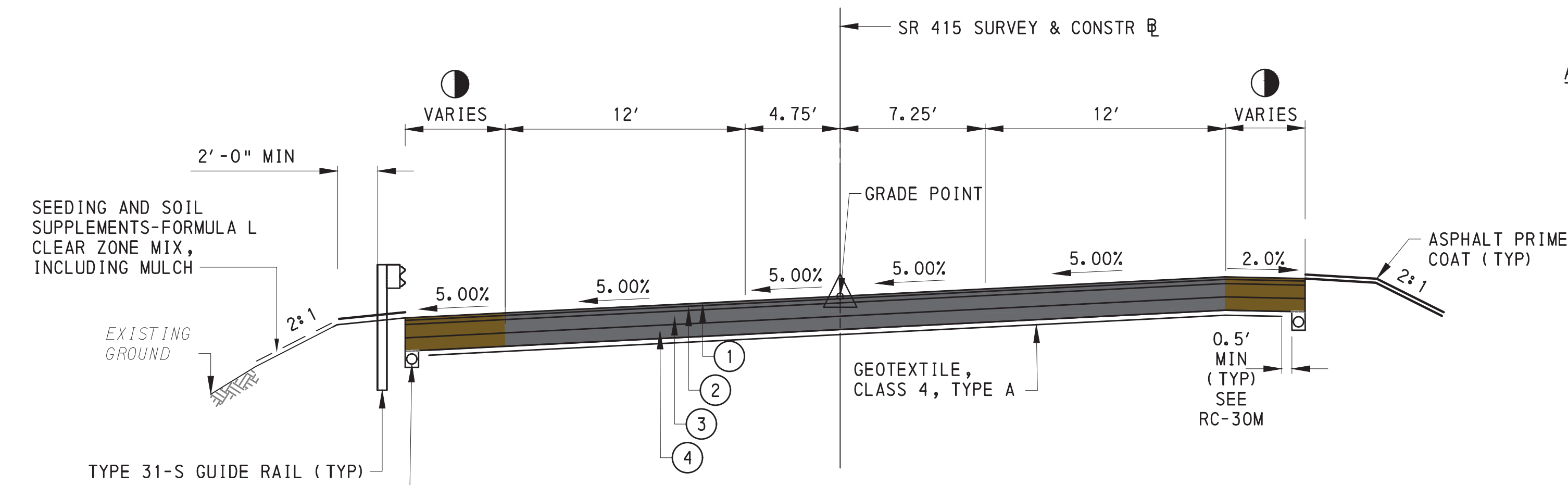
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0415	351	OF
DALLAS BOROUGH				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED

PRELIMINARY PAVEMENT STRUCTURE	
①	SUPERPAVE ASPHALT MIXTURE DESIGN, WEARING COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1½" DEPTH, SRL-H
②	SUPERPAVE ASPHALT MIXTURE DESIGN, BINDER COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2½" DEPTH
③	SUPERPAVE ASPHALT MIXTURE DESIGN, BASE COURSE, PG 64S-22, 0.3 TO < 3 MILLION ESALS, 25.0 MM MIX, 8" DEPTH
④	SUBBASE 8" DEPTH (NO. 2A)

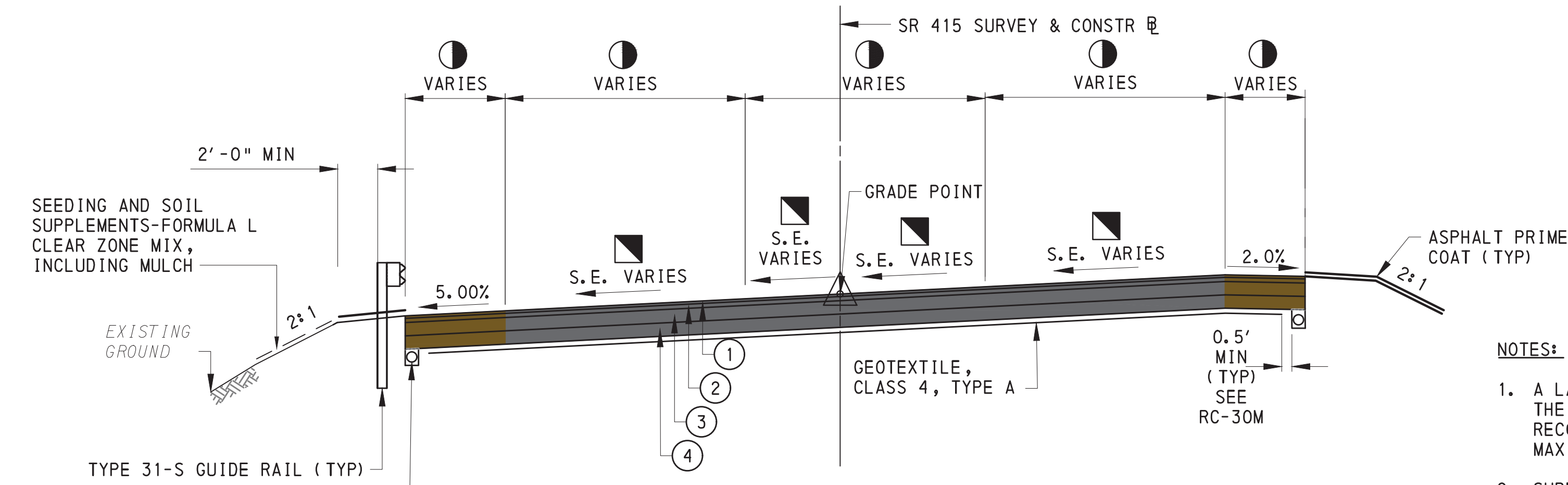
LANE AND SHOULDER WIDTH TRANSITIONS					
STATION	LT SHLDR	LT LANE	MEDIAN	RT LANE	RT SHLDR
97+75.00	5.75'	11.22'	12.51'	11.20'	8.94'
97+85.00	5.00'	11.60'	12.25'	11.60'	9.08'
97+95.00	5.00'	12.00'	12.00'	12.00'	8.61'
98+69.78	5.00'	12.00'	12.00'	12.00'	4.00'
99+00.00	5.00'	12.00'	12.00'	12.00'	4.00'
99+10.02	5.40'	12.00'	12.00'	12.00'	4.00'
99+66.60	5.40'	12.00'	12.00'	12.00'	4.00'
100+20.19	5.40'	12.00'	12.00'	12.00'	VARIES
100+31.02	5.00'	12.00'	12.00'	12.00'	VARIES
100+45.52	5.00'	12.00'	12.00'	12.00'	VARIES
100+63.00	VARIES	12.00'	12.00'	12.00'	VARIES
101+30.74	5.00'	12.00'	7.99'	12.00'	7.95'
101+48.00	5.00'	12.00'	7.06'	12.00'	5.95'
101+83.00	5.00'	13.95'	5.29'	12.29'	3.06'
102+00.00	2.64'	14.20'	4.49'	13.10'	1.66'



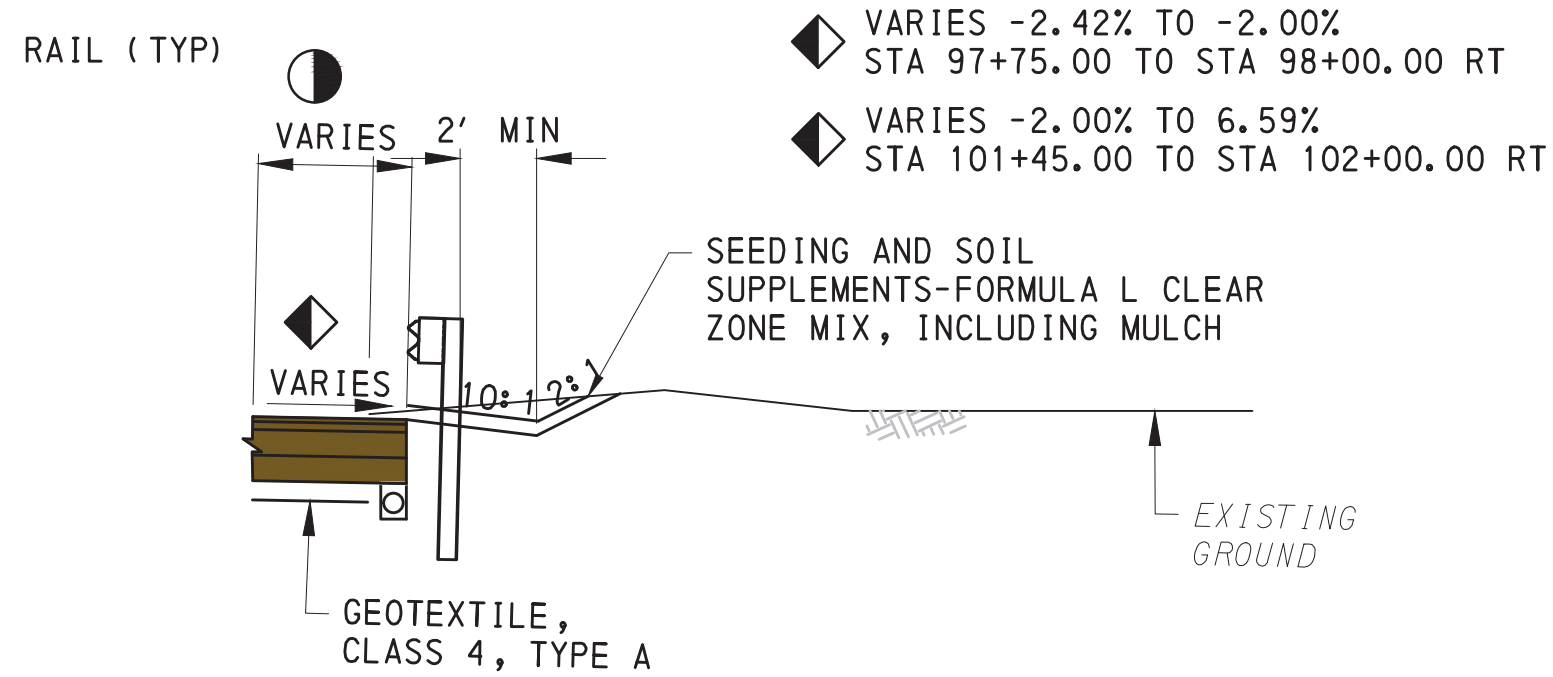
FULL-DEPTH RECONSTRUCTION
SUPERELEVATED
TYPICAL SECTION WITH CURB
SR 0415 MEMORIAL HIGHWAY
STA 101+50.69 TO STA 102+00.00



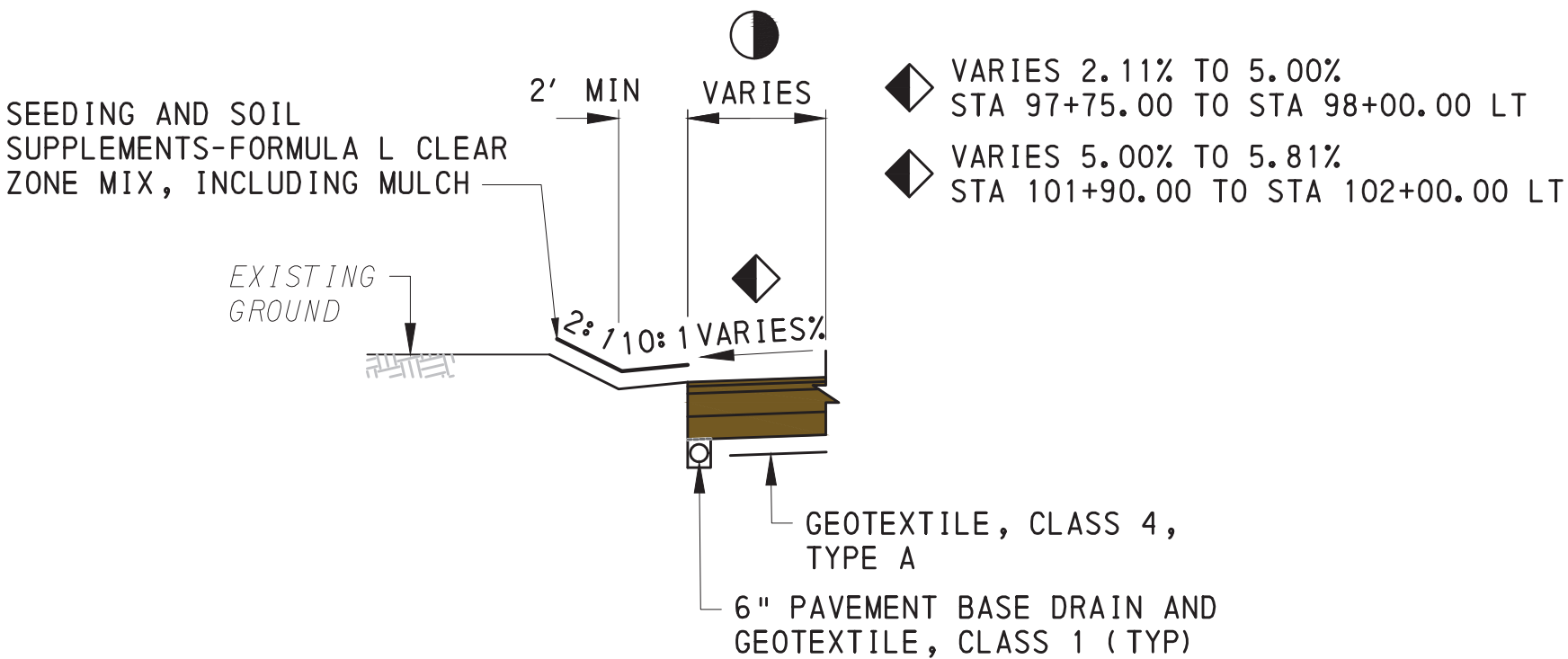
FULL-DEPTH RECONSTRUCTION
SUPERELEVATED
TYPICAL SECTION
SR 0415 MEMORIAL HIGHWAY
STA 99+99.98 TO STA 101+50.69



FULL-DEPTH RECONSTRUCTION
SUPERELEVATED
TYPICAL SECTION
SR 0415 MEMORIAL HIGHWAY
STA 97+75.00 TO STA 99+99.98

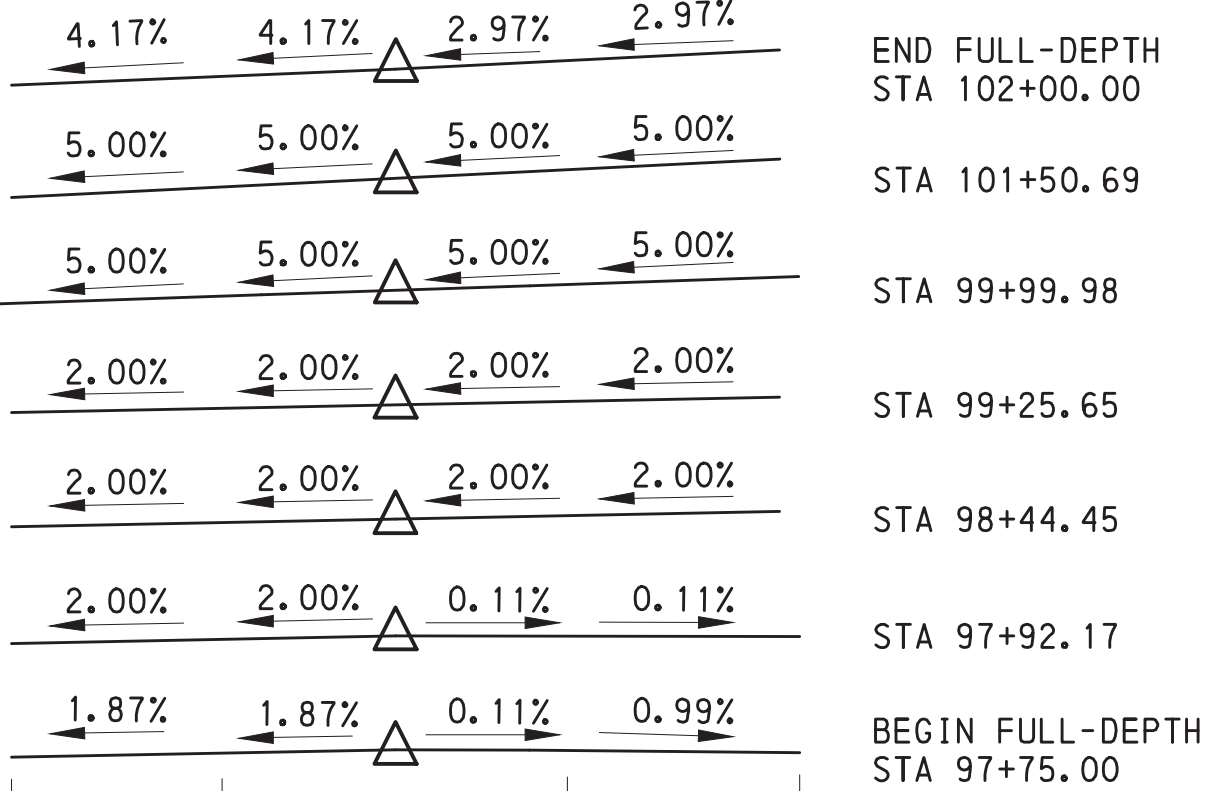


ALTERNATE RIGHT SHOULDER DETAIL
STA 97+75.00 TO STA 98+00.00 RT
STA 101+45.00 TO STA 102+00.00 RT
NOT TO SCALE



ALTERNATE LEFT SHOULDER DETAIL
STA 97+75.00 TO STA 98+00.00 LT
STA 101+90.00 TO STA 102+00.00 LT
NOT TO SCALE

- NOTES:
- A LAYER OF GEOTEXTILE, CLASS 4, TYPE A SHALL BE PLACED BETWEEN THE SUBGRADE AND SUBBASE FOR THE ENTIRE LENGTH AND WIDTH OF THE RECONSTRUCTED PAVEMENT STOPPING A MINIMUM OF 6 INCHES AND A MAXIMUM OF 12 INCHES FROM THE PAVEMENT BASE DRAIN.
 - SUPERELEVATION ROTATED ABOUT THE CONSTRUCTION CENTERLINE.
 - SEAL ALL LONGITUDINAL JOINTS WITH PG 64S-22 (INCIDENTAL TO WEARING COURSE).
 - PROVIDE ASPHALT TACK COAT (NTT/CNTT) BETWEEN EACH PAVEMENT LAYER IN ACCORDANCE WITH PUB. 408, SEC. 460.



CROSS SECTION CONTROLS
LOOKING STATIONS AHEAD
NOTE: CROSS SLOPE ROTATED ABOUT CENTERLINE GRADE POINT

- LEGEND
- PROPOSED FULL-DEPTH RECONSTRUCTION
 - PROPOSED FULL-DEPTH SHOULDER
 - PROPOSED STRUCTURE
 - PROPOSED CONCRETE CURB

PRELIMINARY

PUBLIC MEETING TYPICAL
SECTIONS

EXISTING STRUCTURE DATA

STA: 100+29.82
TYPE: REINFORCED CONCRETE T-BEAM
BRIDGE
CLEAR SPAN: 16'-1 1/2" (NORMAL)
VERTICAL UNDERCLEARANCE: 7'-6" MIN
SKEW: 45°00'00"
CLEAR ROADWAY: 53'-0"
YEAR BUILT: 1939

TBM #1 ELEV 1116.29'
43.05' RT STA 97+65.59
MAG NAIL IN POLE #49023/43089

TBM #2 ELEV 1123.02'
39.94' LT STA 101+08.56
MAG NAIL IN POLE #49099/43104

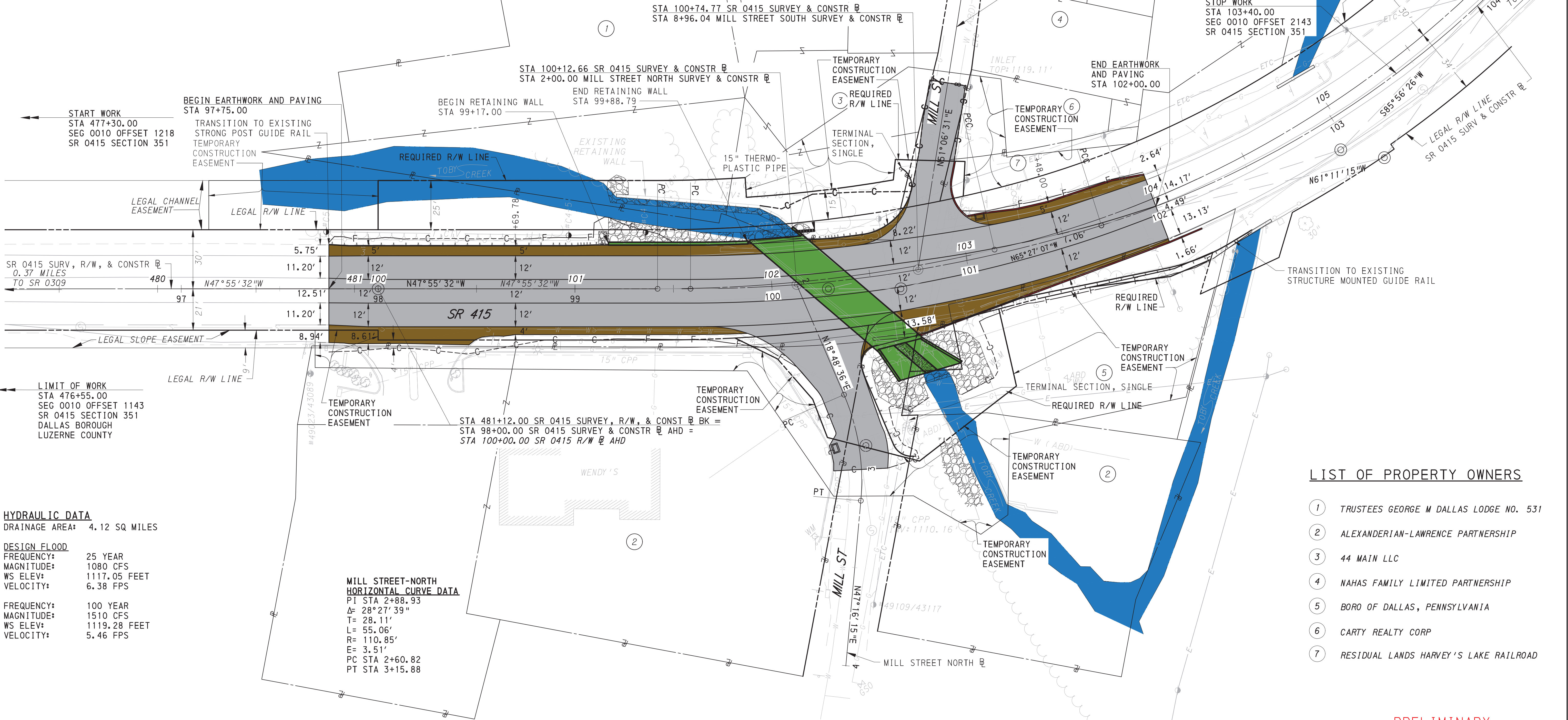
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0415	351	OF
DALLAS BOROUGH				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED

LEGEND

- PROPOSED FULL-DEPTH RECONSTRUCTION
- PROPOSED FULL-DEPTH SHOULDER
- PROPOSED STRUCTURE
- PROPOSED CONCRETE CURB
- TOBY CREEK
- PARCEL IDENTIFICATION NUMBER

PROPOSED STRUCTURE DATA

STA: 100+28.19
TYPE: PRECAST REINFORCED
CONCRETE BOX CULVERT
CLEAR SPAN: 18'-0" (NORMAL)
VERTICAL UNDERCLEARANCE: 8'-0"
SKEW: 46°18'23" (TO TANGENT AT
STA 100+28.19)
CLEAR ROADWAY: 53'-3 1/4" (MIN)
STRUCTURE: S-PENDING



HYDRAULIC DATA

DRAINAGE AREA: 4.12 SQ MILES

DESIGN FLOOD

FREQUENCY: 25 YEAR
MAGNITUDE: 1080 CFS
WS ELEV: 1117.05 FEET
VELOCITY: 6.38 FPS

FREQUENCY: 100 YEAR
MAGNITUDE: 1510 CFS
WS ELEV: 1119.28 FEET
VELOCITY: 5.46 FPS

MILL STREET-NORTH
HORIZONTAL CURVE DATA
PI STA 2+88.93
Δ= 28°27'39"
T= 28.11'
L= 55.06'
R= 110.85'
E= 3.51'
PC STA 2+60.82
PT STA 3+15.88

SR 0415 R/W &
HORIZONTAL CURVE DATA
PI STA 102+28.68
Δ= 13°15'43"
T= 86.73'
L= 172.69'
R= 746.06'
E= 5.02'
PC STA 101+41.95
PCC STA 103+14.64

SR 0415 SURV & CONSTR &
HORIZONTAL CURVE DATA
PI STA 100+65.50
Δ= 17°31'35" LT
T= 106.82'
L= 211.98'
R= 692.98'
E= 8.19'
PC STA 99+58.68
PCC STA 101+70.65
SUPERELEVATE 5.0%

SR 0415 SURV & CONSTR &
HORIZONTAL CURVE DATA
PI STA 102+98.14
Δ= 28°36'28" LT
T= 127.48'
L= 249.65'
R= 500.00'
E= 16.00'
PCC STA 101+70.65
PT STA 104+20.30
SUPERELEVATION VARIES

SR 0415 R/W &
HORIZONTAL CURVE DATA
PI STA 105+18.06
Δ= 42°04'05"
T= 203.42'
L= 388.41'
R= 529.00'
E= 37.77'
PCC STA 103+14.64
PT STA 107+03.04

LIMIT OF WORK
STA 104+20.00
SEG 0010 OFFSET 2223
SR 0415 SECTION 351
DALLAS BOROUGH
LUZERNE COUNTY

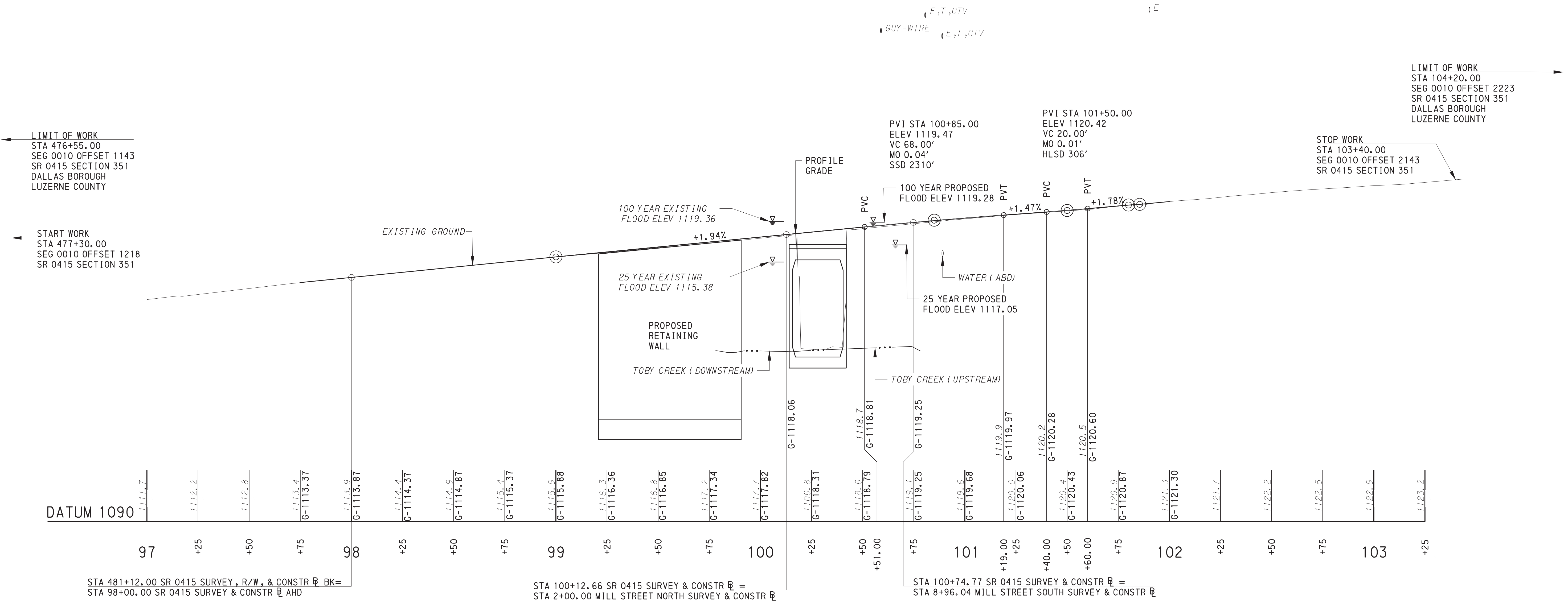
LIST OF PROPERTY OWNERS

- 1 TRUSTEES GEORGE M DALLAS LODGE NO. 531
- 2 ALEXANDERIAN-LAWRENCE PARTNERSHIP
- 3 44 MAIN LLC
- 4 NAHAS FAMILY LIMITED PARTNERSHIP
- 5 BORO OF DALLAS, PENNSYLVANIA
- 6 CARTY REALTY CORP
- 7 RESIDUAL LANDS HARVEY'S LAKE RAILROAD

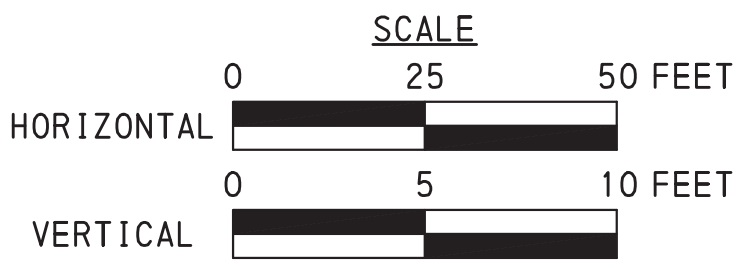
PRELIMINARY

PUBLIC MEETING PLAN

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0415	351	OF
DALLAS BOROUGH				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED



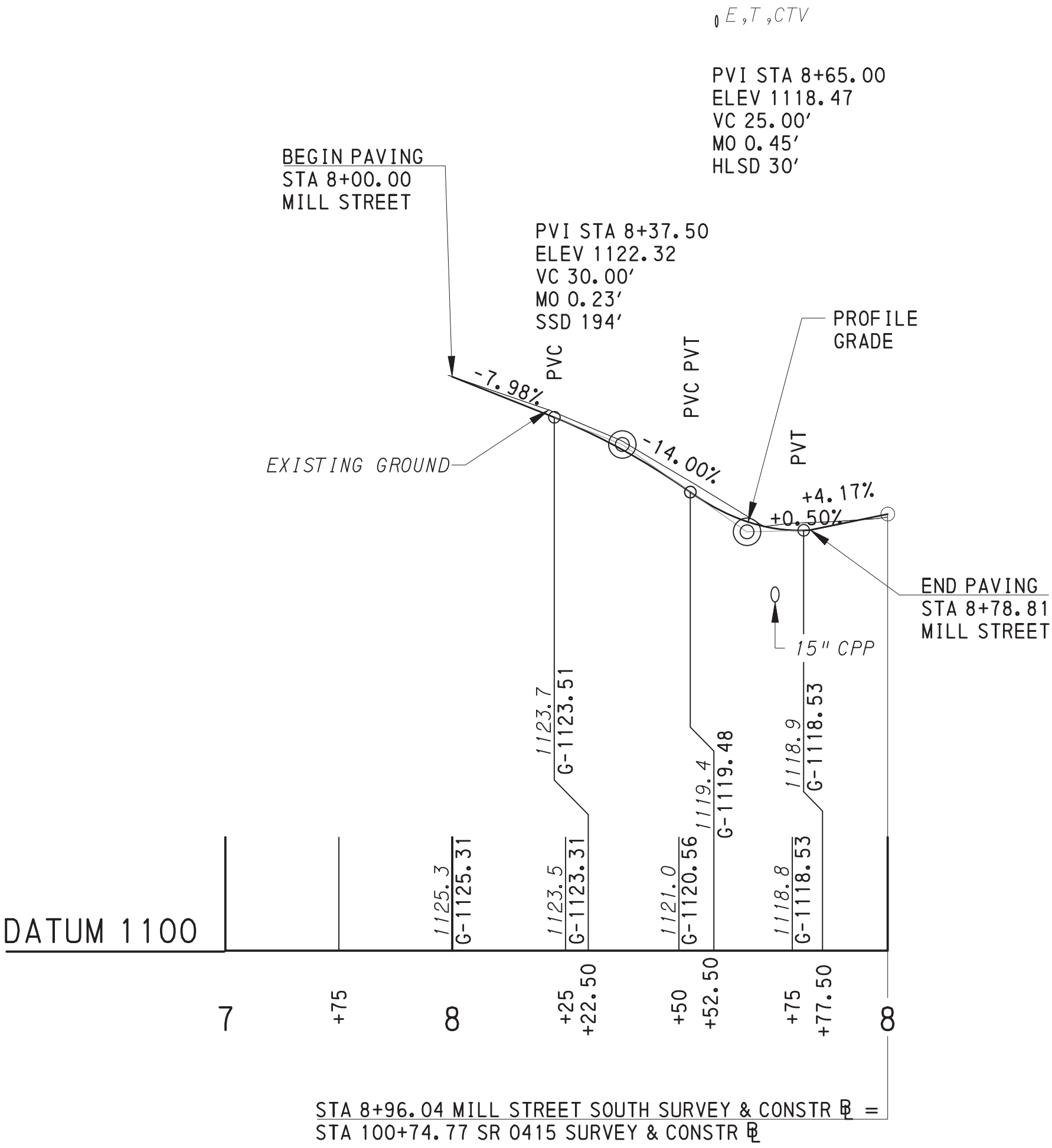
SR 0415 PROFILE



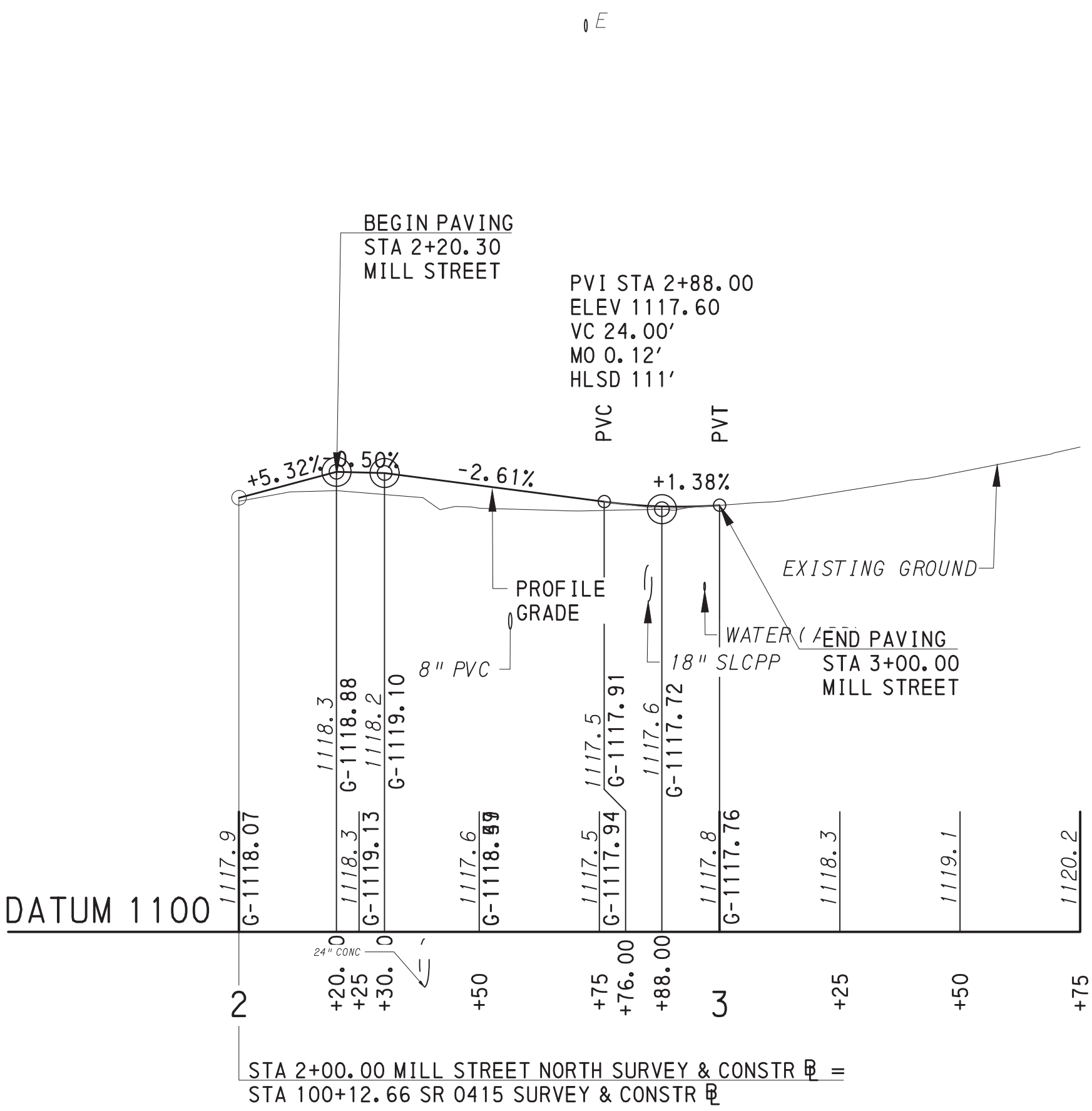
PRELIMINARY

PUBLIC MEETING PROFILE

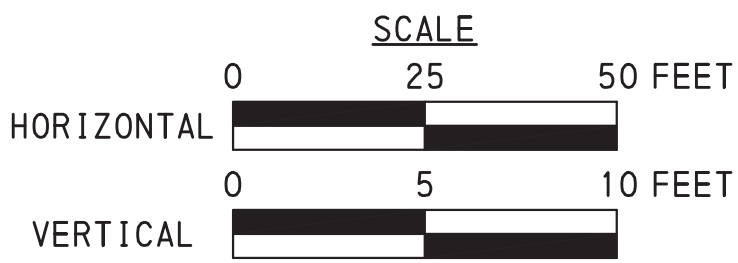
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0415	351	0F
DALLAS BOROUGH				
REVISION NUMBER	REVISIONS	DATE	BY	APPROVED



MILL STREET SOUTH PROFILE



MILL STREET NORTH PROFILE



PRELIMINARY

PUBLIC MEETING PROFILE