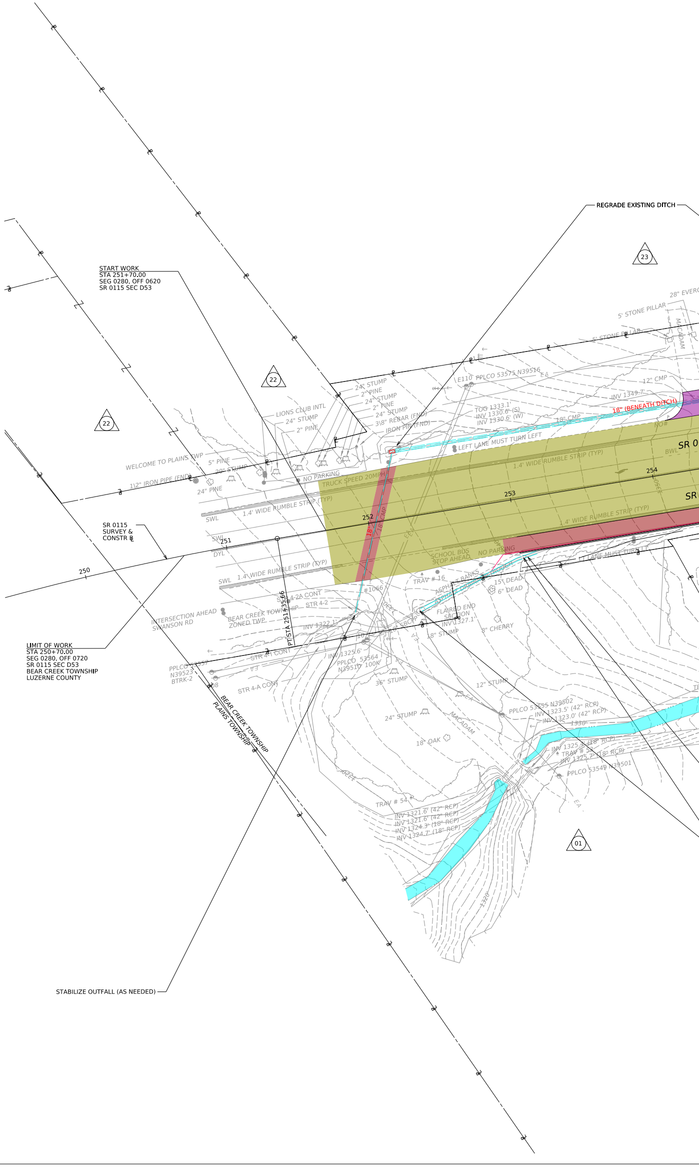
PLOTTED: $$$$DATE$$$



22
22
23
01
250
251
252
253
254
SR 0
SR
WELCOME TO PLAINS TWP
LIONS CLUB INTL
1.4' WIDE RUMBLE STRIP (TYP)
TRUCK SPEED 20MPH
NO PARKING
LEFT LANE MUST TURN LEFT
SCHOOL BUS STOP AHEAD
INTERSECTION AHEAD SWANSON RD
BEAR CREEK TOWNSHIP
PLAINS TOWNSHIP
PI STA 251+35.66
18" (BENEATH DITCH)
5' STONE PILLAR
12" CMP
18" CMP
INV 1349.7'
TOG 1333.1'
INV 1330.6' (S)
INV 1330.6' (W)
E110 PPLCO 53575 N39516
SWL
DYL
BWL
24" STUMP
2" PINE
24" PINE
5" PINE
3/8" REBAR (FND)
IRON PIN (FND)
1/2" IRON PIPE (FND)
TRAV # 16
TRAV # 54
FLARED END SECTION
INV 1327.1'
15' DEAD
6" DEAD
8" CHERRY
18" STUMP
12" STUMP
36" STUMP
18" OAK
MACADAM
PPLCO 53565 N39502
INV 1323.5' (42" RCP)
INV 1323.0' (42" RCP)
INV 1325.6' (18" RCP)
INV 1325.7' (18" RCP)
PPLCO 53549 N39501
INV 1321.6' (42" RCP)
INV 1321.6' (42" RCP)
INV 1324.3' (18" RCP)
INV 1324.7' (18" RCP)
PPLCO 53564 N39510 100K
INV 1325.6'
STR 4-2A CONT
STR 4-2
STR 4-1 CONT
STR 4-A CONT
BEAR CREEK TOWNSHIP ZONED TWP
1330
1320

REGRADE EXISTING DITCH

START WORK
STA 251+70.00
SEG 0280, OFF 0620
SR 0115 SEC D53

SR 0115
SURVEY &
CONSTR ℄

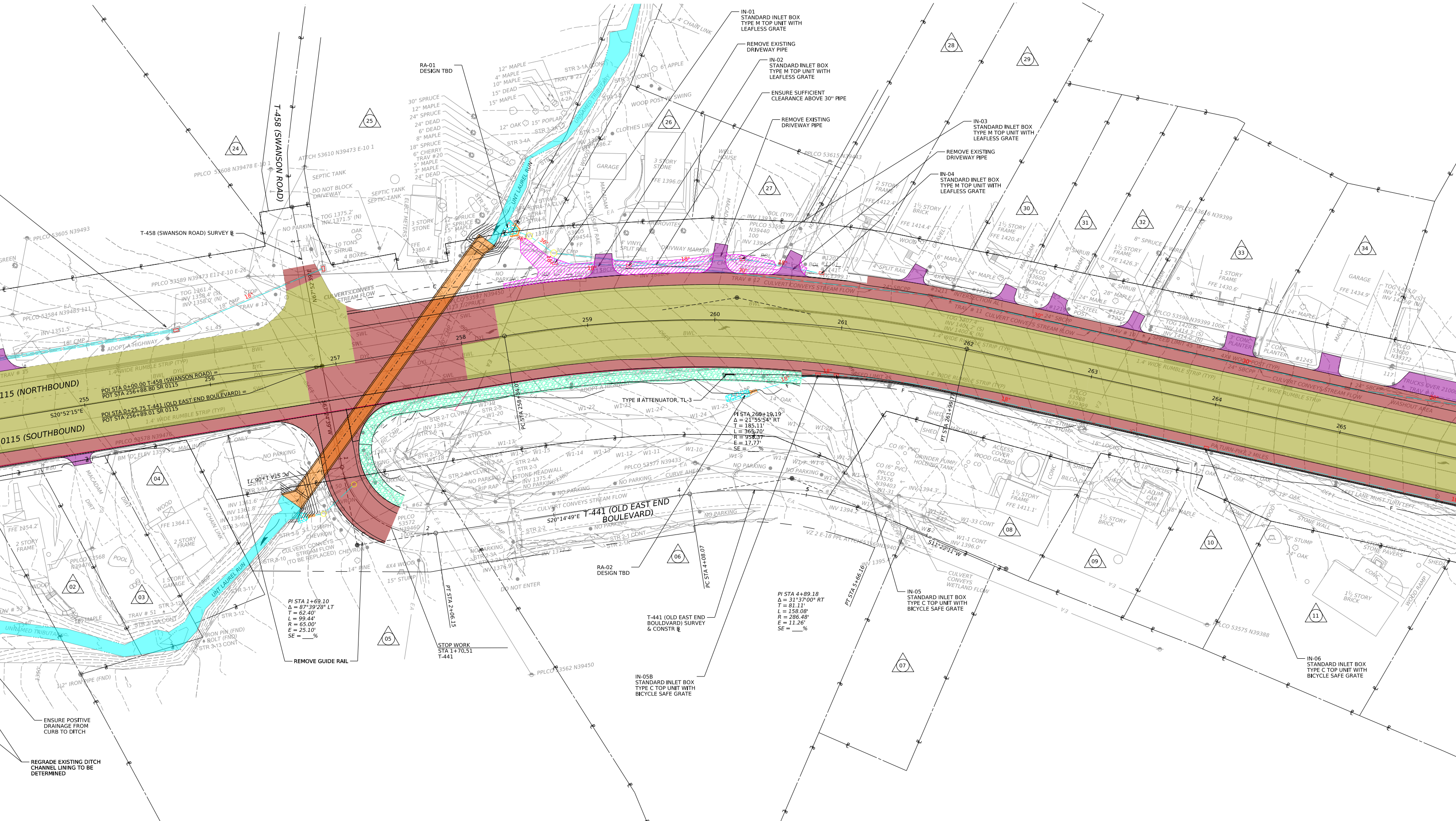
LIMIT OF WORK
STA 250+70.00
SEG 0280, OFF 0720
SR 0115 SEC D53
BEAR CREEK TOWNSHIP
LUZERNE COUNTY

STABILIZE OUTFALL (AS NEEDED)

LEGEND:

🟥	FULL DEPTH PAVEMENT
🟦	CORRECTIVE PAVING
🟨	MILL & OVERLAY
🟪	PROPOSED ASPHALT DRIVEWAY
🟫	STRUCTURE
🟦	WATER
▨	EROSION STABILIZATION
▨	PAVEMENT REMOVAL

OPERATOR: nathan.doty
FILE NAME: $$designfile$$


IN-01
STANDARD INLET BOX
TYPE M TOP UNIT WITH
LEAFLESS GRATE
REMOVE EXISTING
DRIVEWAY PIPE
IN-02
STANDARD INLET BOX
TYPE M TOP UNIT WITH
LEAFLESS GRATE
ENSURE SUFFICIENT
CLEARANCE ABOVE 30" PIPE
REMOVE EXISTING
DRIVEWAY PIPE
IN-03
STANDARD INLET BOX
TYPE M TOP UNIT WITH
LEAFLESS GRATE
REMOVE EXISTING
DRIVEWAY PIPE
IN-04
STANDARD INLET BOX
TYPE M TOP UNIT WITH
LEAFLESS GRATE
RA-01
DESIGN TBD
T-458 (SWANSON ROAD)
T-458 (SWANSON ROAD) SURVEY ℄
UNT LAUREL RUN
0115 (NORTHBOUND)
0115 (SOUTHBOUND)
POI STA 0+00.00 T-458 (SWANSON ROAD) =
POT STA 256+88.80 SR 0115
POI STA 0+25.75 T-441 (OLD EAST END BOULEVARD) =
POT STA 256+89.01 SR 0115
S20°52'15"E
255
256
257
258
259
260
261
262
263
264
265
1.4' WIDE RUMBLE STRIP (TYP)
TYPE II ATTENUATOR, TL-3
PI STA 260+19.19
Δ = 21°55'54" RT
T = 185.11'
L = 365.70'
R = 955.37'
E = 17.77'
SE = ____%
PC STA 258+34.07
PT STA 261+99.77
T-441 (OLD EAST END BOULEVARD)
S20°14'49"E
S11°22'11"W
PC STA 4+08.07
PT STA 5+66.16
PI STA 4+89.18
Δ = 31°37'00" RT
T = 81.11'
L = 158.08'
R = 286.48'
E = 11.26'
SE = ____%
PI STA 1+69.10
Δ = 87°39'28" LT
T = 62.40'
L = 99.44'
R = 65.00'
E = 25.10'
SE = ____%
PT STA 2+06.15
PC STA 1+31.97
REMOVE GUIDE RAIL
STOP WORK
STA 1+70.51
T-441
RA-02
DESIGN TBD
T-441 (OLD EAST END BOULDVARD) SURVEY
& CONSTR ℄
IN-05B
STANDARD INLET BOX
TYPE C TOP UNIT WITH
BICYCLE SAFE GRATE
IN-05
STANDARD INLET BOX
TYPE C TOP UNIT WITH
BICYCLE SAFE GRATE
IN-06
STANDARD INLET BOX
TYPE C TOP UNIT WITH
BICYCLE SAFE GRATE
ENSURE POSITIVE
DRAINAGE FROM
CURB TO DITCH
REGRADE EXISTING DITCH
CHANNEL LINING TO BE
DETERMINED
CULVERT CONVEYS STREAM FLOW (TO BE REPLACED)
02
03
04
05
06
07
08
09
10
11
24
25
26
27
28
29
30
31
32
33
34

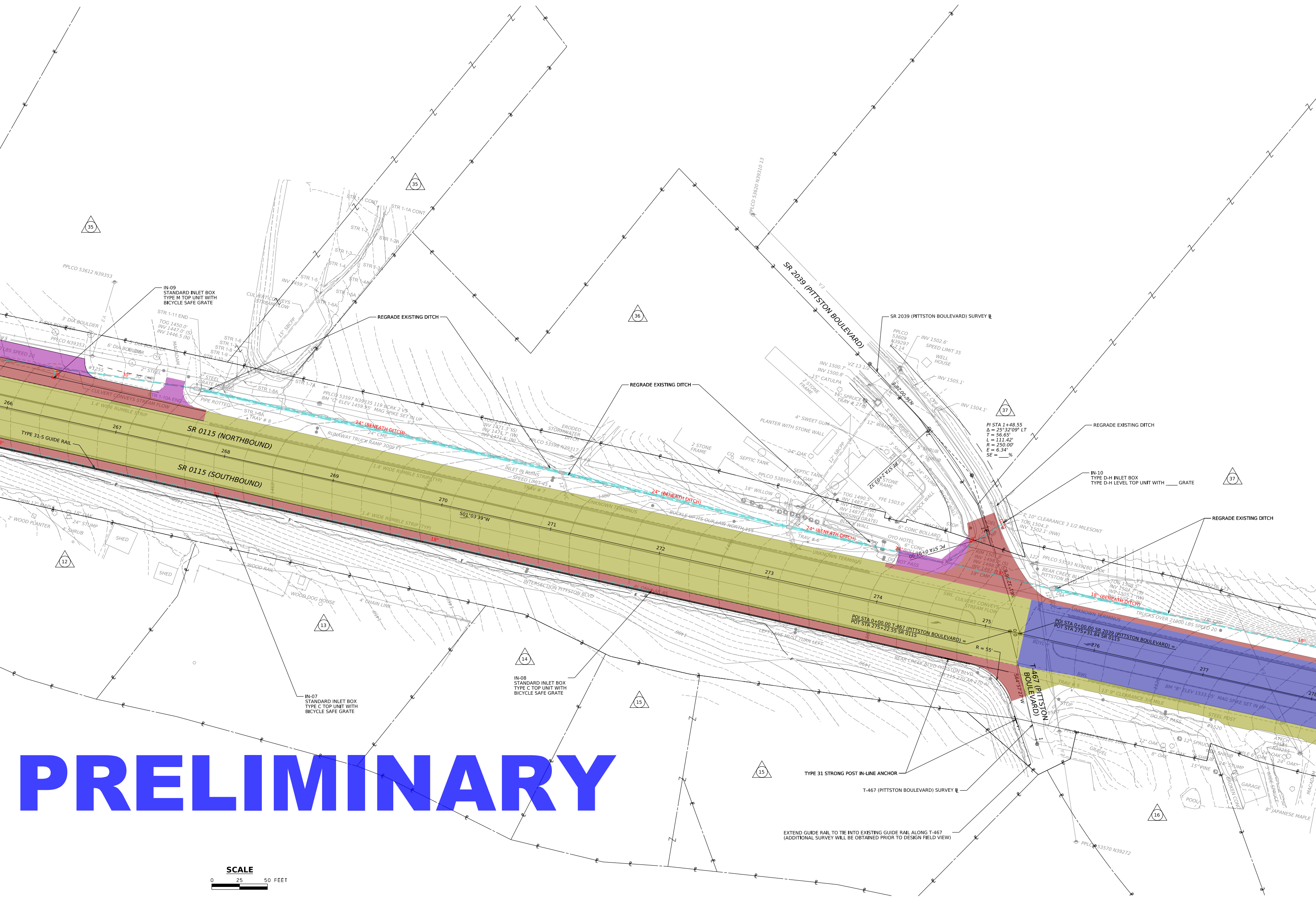
EXISTING *STRUCTURE DATA*

STATION - 257+48.05 (PIPE 1), 257+83.66 (PIPE 2)
TYPE - TWO CORRUGATED METAL PIPES
SIZE - 60" DIAMETER (EACH)
LENGTH - 229-11 3/8" (PIPE 1), 251-7 7/8" (PIPE 2)
SKEW - 44°54'48" (PIPE 1), 58°13'07" (PIPE 2),
ROADWAY - XX'-XX" (TRAVEL LANES)
XX'-XX" (SHLDR TO SHLDR)

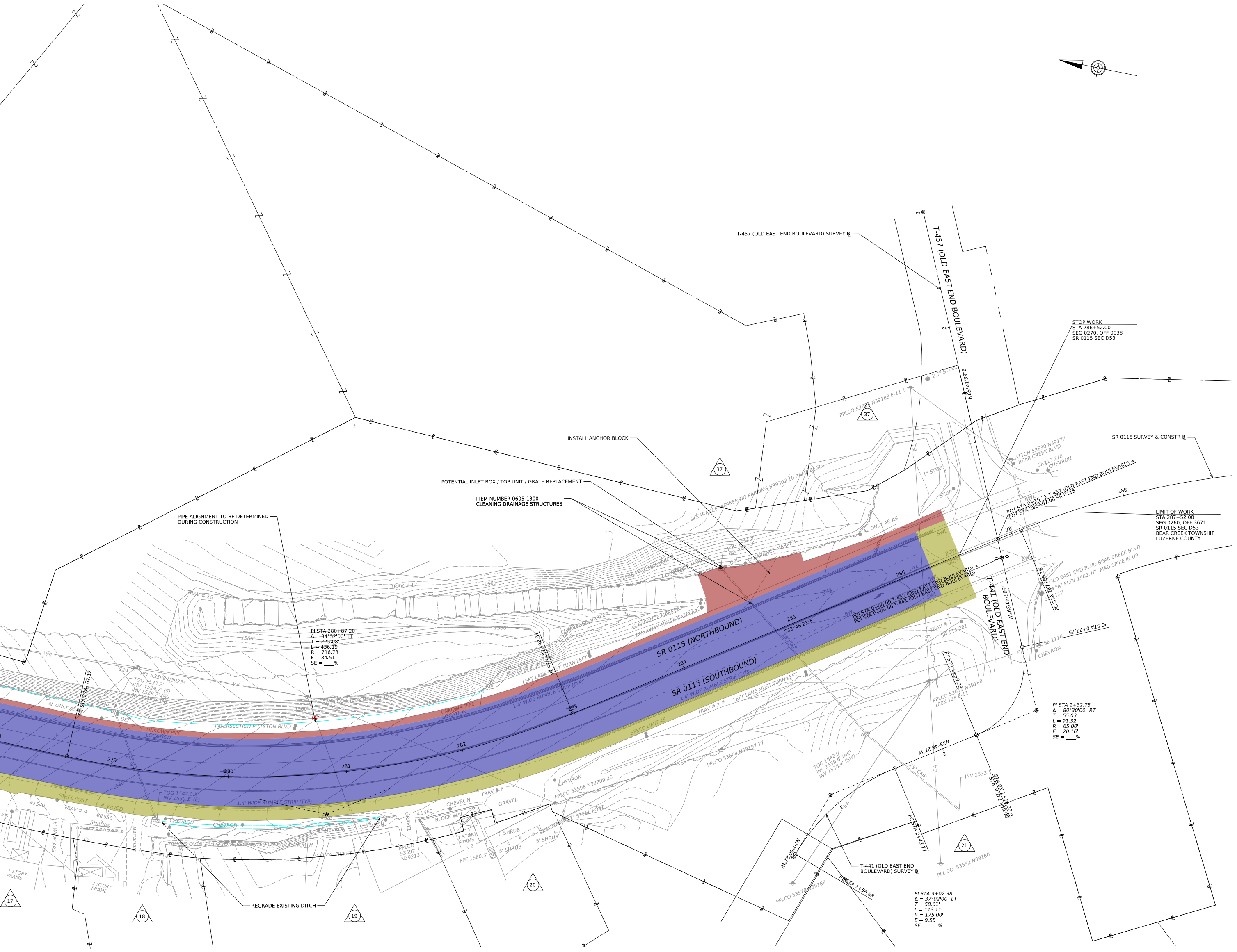
PROPOSED STRUCTURE DATA

STATION - 257+54.06
TYPE - PRECAST CONCRETE BOX CULVERT
SIZE - 11'-0" SPAN, 6'-0" RISE
LENGTH - 237-1 1/2"
SKEW - 44°54'48"
ROADWAY - XX'-XX" (TRAVEL LANES)
XX'-XX" (SHLDR TO SHLDR)

HYDRAULIC DATA - UNT LAUREL RUN	
DRAINAGE AREA	### SQ MI
WATERWAY OPENING	####.## SQ FT
DESIGNATED FLOOD - 50 YEARS	##,### CFS
FLOOD OF RECORD	###.## FT
DESIGNATED HIGH WATER ELEVATION	###.## FT
WATER VELOCITY - 50 YEARS	##.## FPS


SR 0115 (NORTHBOUND)
SR 0115 (SOUTHBOUND)
SR 2039 (PITTSTON BOULEVARD)
T-467 (PITTSTON BOULEVARD)
IN-09
STANDARD INLET BOX
TYPE M TOP UNIT WITH
BICYCLE SAFE GRATE
REGRADE EXISTING DITCH
REGRADE EXISTING DITCH
SR 2039 (PITTSTON BOULEVARD) SURVEY ℄
REGRADE EXISTING DITCH
IN-10
TYPE D-H INLET BOX
TYPE D-H LEVEL TOP UNIT WITH ____ GRATE
REGRADE EXISTING DITCH
TYPE 31-S GUIDE RAIL
IN-07
STANDARD INLET BOX
TYPE C TOP UNIT WITH
BICYCLE SAFE GRATE
IN-08
STANDARD INLET BOX
TYPE C TOP UNIT WITH
BICYCLE SAFE GRATE
TYPE 31 STRONG POST IN-LINE ANCHOR
T-467 (PITTSTON BOULEVARD) SURVEY ℄
EXTEND GUIDE RAIL TO TIE INTO EXISTING GUIDE RAIL ALONG T-467
(ADDITIONAL SURVEY WILL BE OBTAINED PRIOR TO DESIGN FIELD VIEW)
PI STA 1+48.55
Δ = 25°32'09" LT
T = 56.65'
L = 111.42'
R = 250.00'
E = 6.34'
SE = ____%
POI STA 0+00.00 T-467 (PITTSTON BOULEVARD) =
POT STA 275+22.55 SR 0115
POI STA 0+00.00 SR 2039 (PITTSTON BOULEVARD) =
POT STA 275+31.84 SR 0115
PC STA 0+91.90
PT STA 2+03.32
R = 55'
S01°03'39"W
24" (BENEATH DITCH)
24" (BENEATH DITCH)
24" (BENEATH DITCH)
18" (BENEATH DITCH)
1.4' WIDE RUMBLE STRIP
1.4' WIDE RUMBLE STRIP (TYP)
1.4' WIDE RUMBLE STRIP (TYP)
CULVERT CONVEYS STREAM FLOW
266
267
268
269
270
271
272
273
274
275
276
277
35
35
36
37
37
12
13
14
15
15
16
SCALE
0
25
50 FEET

PRELIMINARY


T-457 (OLD EAST END BOULEVARD) SURVEY ℄
T-457 (OLD EAST END BOULEVARD)
STOP WORK
STA 286+52.00
SEG 0270, OFF 0038
SR 0115 SEC D53
SR 0115 SURVEY & CONSTR ℄
POT STA 0+15.71 T-457 (OLD EAST END BOULEVARD) =
POT STA 286+07.06 SR 0115
LIMIT OF WORK
STA 287+52.00
SEG 0260, OFF 3671
SR 0115 SEC D53
BEAR CREEK TOWNSHIP
LUZERNE COUNTY
INSTALL ANCHOR BLOCK
POTENTIAL INLET BOX / TOP UNIT / GRATE REPLACEMENT
ITEM NUMBER 0605-1300
CLEANING DRAINAGE STRUCTURES
PIPE ALIGNMENT TO BE DETERMINED
DURING CONSTRUCTION
PI STA 280+87.20
Δ = 34°52'00" LT
T = 225.08'
L = 436.19'
R = 716.78'
E = 34.51'
SE = ____%
SR 0115 (NORTHBOUND)
SR 0115 (SOUTHBOUND)
S33°48'21"E
POI STA 0+00.00 T-457 (OLD EAST END BOULEVARD) =
POI STA 0+00.00 T-441 (OLD EAST END BOULEVARD)
T-441 (OLD EAST END BOULEVARD)
N65°41'39"E
S65°41'39"W
PC STA 0+77.75
PT STA 1+69.08
PI STA 1+32.78
Δ = 80°30'00" RT
T = 55.03'
L = 91.32'
R = 65.00'
E = 20.16'
SE = ____%
N33°48'21"W
STA BK 1+69.07 =
STA AHD 1+69.08
PC STA 2+43.77
PT STA 3+56.88
N70°50'21"W
T-441 (OLD EAST END BOULEVARD) SURVEY ℄
PI STA 3+02.38
Δ = 37°02'00" LT
T = 58.61'
L = 113.11'
R = 175.00'
E = 9.55'
SE = ____%
PC STA 278+62.12
279
280
281
282
283
284
285
286
287
288
REGRADE EXISTING DITCH
UNKOWN PIPE LOCATION
1.4' WIDE RUMBLE STRIP (TYP)
LEFT LANE MUST TURN LEFT
SPEED LIMIT 45
RUNAWAY TRUCK RAMP AR
INTERSECTION PITTSTON BLVD
TRUCKS OVER 10 1/2 TONS PROHIBITED ON PA 115 NORTH
17
18
19
20
21
37

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	LUZERNE	0115	D53	5 OF 7

BEAR CREEK TOWNSHIP

REV NO	REVISIONS	DATE	BY	APPD

PLAN

FOR PROFILE, SEE SHEET 6