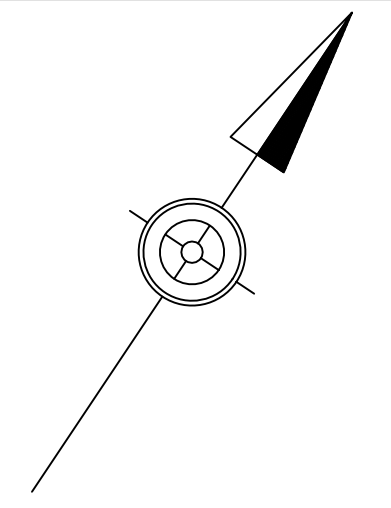


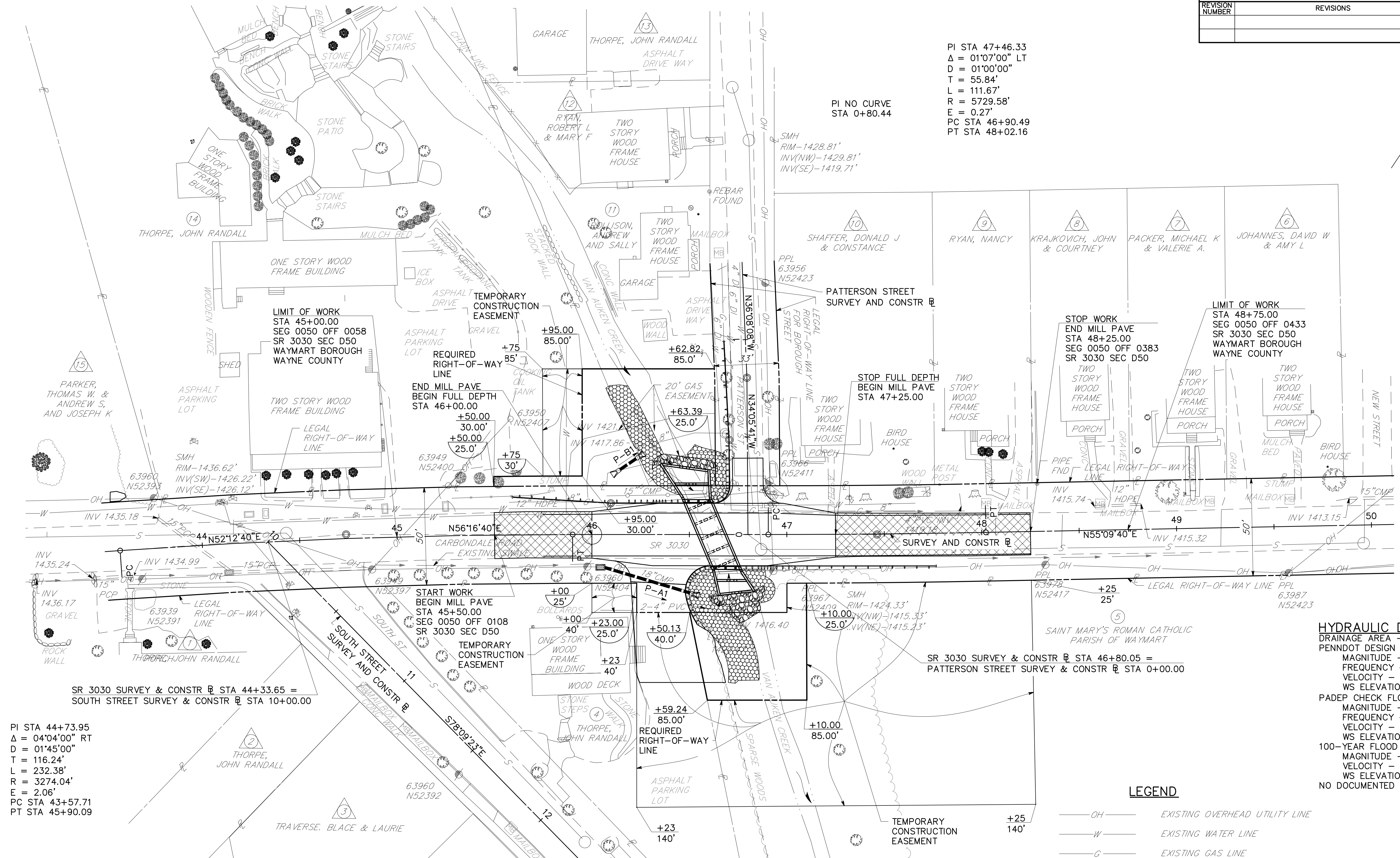
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
4-0	WAYNE	3030	D50	5 OF 6
WAYMART BOROUGH				
REVISION NUMBER	REVISIONS	DATE	BY	



Plotted: May 17, 2024 9:53am
 FILE NAME: C:\Users\chris\appdata\local\temp\acp\Publinh_24264\DP\2221147_01.dwg
 USER: CLewis

PI STA 47+46.33
 $\Delta = 01'07''00''$ LT
 $D = 01'00''00''$
 $T = 55.84'$
 $L = 111.67'$
 $R = 5729.58'$
 $E = 0.27'$
 PC STA 46+90.49
 PT STA 48+02.16

PI NO CURVE
 STA 0+80.44



PI STA 44+73.95
 $\Delta = 04'04''00''$ RT
 $D = 01'45''00''$
 $T = 116.24'$
 $L = 232.38'$
 $R = 3274.04'$
 $E = 2.06'$
 PC STA 43+57.71
 PT STA 45+90.09

SR 3030 SURVEY & CONSTR Δ STA 44+33.65 =
 SOUTH STREET SURVEY & CONSTR Δ STA 10+00.00

START WORK
 BEGIN MILL PAVE
 STA 45+50.00
 SEG 0050 OFF 0108
 SR 3030 SEC D50

SR 3030 SURVEY & CONSTR Δ STA 46+80.05 =
 PATTERSON STREET SURVEY & CONSTR Δ STA 0+00.00

HYDRAULIC DATA
 DRAINAGE AREA - 1.10 SQ MI
 PENNDOT DESIGN FLOOD:
 MAGNITUDE - 179 CFS
 FREQUENCY - 10 YEAR
 VELOCITY - 10.22 FPS
 WS ELEVATION - 1419.98
 PADEP CHECK FLOOD (SUBURBAN):
 MAGNITUDE - 310 CFS
 FREQUENCY - 50 YEAR
 VELOCITY - 12.31 FPS
 WS ELEVATION - 1420.51
 100-YEAR FLOOD RISK ASSESSMENT
 MAGNITUDE - 376 CFS
 VELOCITY - 5.58 FPS
 WS ELEVATION - 1422.77
 NO DOCUMENTED FLOOD OF RECORD

LEGEND

- EXISTING OVERHEAD UTILITY LINE
- EXISTING WATER LINE
- EXISTING GAS LINE
- MILL AND OVERLAY
- SLOPE PROTECTION, SELECTED BORROW EXCAVATION ROCK, CLASS R-6
- SCOUR PROTECTION, SELECTED BORROW EXCAVATION ROCK, CLASS R-7, CHOKED WITH ROCK, CLASS R-3

EXISTING STRUCTURE DATA

STA 46+61.61
 CORRUGATED METAL PIPE WITH CONCRETE HEADWALLS/WINGWALLS
 CLEAR SPAN - APPROX 8'-6" U/S (NORMAL) & APPROX 8'-3" D/S (NORMAL)
 UNDERCLEARANCE - VARIES APPROX 6'-0" U/S TO 6'-8" D/S
 ROADWAY WIDTH - APPROX 40'-6" (GUIDE RAIL-TO-GUIDE RAIL OVER CULVERT)
 VARIES APPROX 23'-24" ROADWAY WIDTH ON APPROACHES
 SKEW - APPROX 67° RHA
 CONSTRUCTION DATE - 1971
 BRKEY - 35716

PROPOSED STRUCTURE DATA

STA 46+61.61
 PRECAST REINFORCED CONCRETE BOX CULVERT
 WITH PRECAST END SECTIONS
 CLEAR SPAN - 12'-0" NORMAL
 UNDERCLEARANCE - 5'-0"
 ROADWAY WIDTH - 32'-0" GUIDE RAIL-TO-GUIDE RAIL
 SKEW - 67°00'00" RHA
 S-NO: S-42219

SCALE



FOR PROFILE, SEE SHEET 6

SURVEY BOOK #XXXXX

