August 18, 2016

Project I.D. 2788-00-71

Waukesha Bypass

Summit Ave to Genesee Road

USH 18

Waukesha County

DT1078 Minor Plan Changes - Since June 9, 2016

Roadway Items and Cross Sections:

* Bypass
	+ Sta 131+84, LT. Lengthened beam guard at SB Bypass Bridge B-67-361.
	+ Sta 161+00 to 165+00, LT Adjusted ditch elevations
	+ Sta 168+00 to 170+50, LT Adjusted ditch elevations which shifted future sidewalk offset slightly.
	+ Sta 168+00 to 172+00, RT Adjusted ditch elevations which shifted future sidewalk offset slightly.
	+ Managed forest buffer zone – No clearing of trees of excavating on west side Bypass alignment from Sta 141+00, LT to 147+00, LT. Temporary shoring offset minimized.
	+ Sta. 173+00, LT. Added at-grade crossing for Glacial Drumlin Trail (connection from Merrill Hills Rd cul-de-sac to Waukesha Bypass.
	+ Sta. 208+00, LT & RT. Added median opening and realigned driveways (ongoing).
	+ Sta. 226+00 to 232+50, LT. Adjusted ditch width and elevations.
	+ Sta. 228+50 to 233+00, RT. Adjusted ditch elevations.
* Genesee Rd
	+ Sta 34+11 to 35+00, LT Sidewalk revisions at NE corner of STH 59/Genesee Rd and Valley View Drive.
	+ Sta 54+00 and 56+50. Modified the median beam guard on the Genesee Rd Bridges over Pebble Creek.
	+ The roadway profile for EB and WB Genesee Rd lowered by up to 1’ in the area of 15-20’ tall embankments at the approaches to Pebble Creek Bridges.
* Sunset Dr.
	+ Sta 43+00 to 49+00, RT Added swale behind curb and gutter. Revised cross sections.
	+ Sta 44+00 to 48+00, LT. Revised fill slope to 3.5:1 to bring.
	+ Field drive on Sunset Dr at Sta 57+25, RT slope intercepts moved out for grading driveway side slopes.
* Saylesville Rd.
	+ Landscaping plan to be developed in the SW corner of Saylesville Rd and Genesee Rd
* Merrill Hills Road
	+ Sta. 61+00 to 62+30, LT. Adjusted ditch elevations
	+ Sta. 71+05 to 72+33. Slightly revised geometry of the MacArthur Rd-Merrill Hills Rd intersection

Storm Sewer (SS) Items:

* Bypass
	+ Sta 161+00, LT. Culvert endwall location shifted.
	+ Sta 165+50 , LT. SS discharge pipe made perpendicular.
	+ Sta 170+00 to 173+00 Adjusted layout (sheet by\_022505\_ss.dgn)
	+ Sta 173+00 LT Added two culverts for Glacial Drumlin Trail at grade crossing (sheet by\_022505\_ss.dgn)
	+ Driveway culvert at Sta 186+00, LT shifted.
	+ Sta 200+00 to 202+00, the pond contours and pipes have been updated.
	+ Sta 203+50 to 205+00 Added 15” sewer between structures 470.2 and 465.1 (sheet by\_022505\_ss.dgn)
	+ Sta 214+00, LT Slight adjustment to pipes at pond.
	+ Sta 225+50 LT Moved apron endwall north 40 feet(sheet by\_022509\_ss.dgn)
	+ Sta 230+50 to 231+50 Consolidated layout (sheet by\_022509)\_ss.dgn)
	+ Sta 233+50 LT Moved manhole 620 (sheet by\_022510\_ss.dgn) with minor adjustments to connecting lateral.
	+ Sta 270+00 to 273+50 LT day lighted trunk sewer to ditch (reduced its length), added a driveway culvert (sheet by\_022512\_ss.dgn)
	+ Various inlets shifted slightly at intersections to avoid sidewalk curb ramps or island nose.
	+ **Note:** Sta 180+00 to 184+00 The changes north of Pebble Creek bridge as discussed at the 8/15/16 meeting have been modified. Instead only the storm sewer laterals changed at Sta 181+00 and 183+00. The cross culvert remains as shown in 6/10/16 1078 Plan.
* Genesee Rd
	+ Sta 34+00, LT Added MH to existing culvert under Valley View Rd.
* Sunset Dr.
	+ Sta 44+00 to 48+00 Added inlets along south curb line and adjust SS trunk discharge angle.
* Saylesville Rd
	+ Station 13SA+00 LT Moved Apron endwall north 30 feet (sheet by\_022513\_ss.dgn)
* Madison St
	+ Station 49MAD to 53MAD+50, Station 254+50 to 256+00, adjusted layout at intersection (sheet by\_022518\_ss.dgn)

Traffic Signal Items:

* Sunset Drive
	+ PB18 was moved slightly east to avoid inlets/SS pipe that was moved.
* Madison Street
	+ PB17 was moved southwest to avoid island inlet that was moved.  Conduit to and from PB17 also moved for same reason.