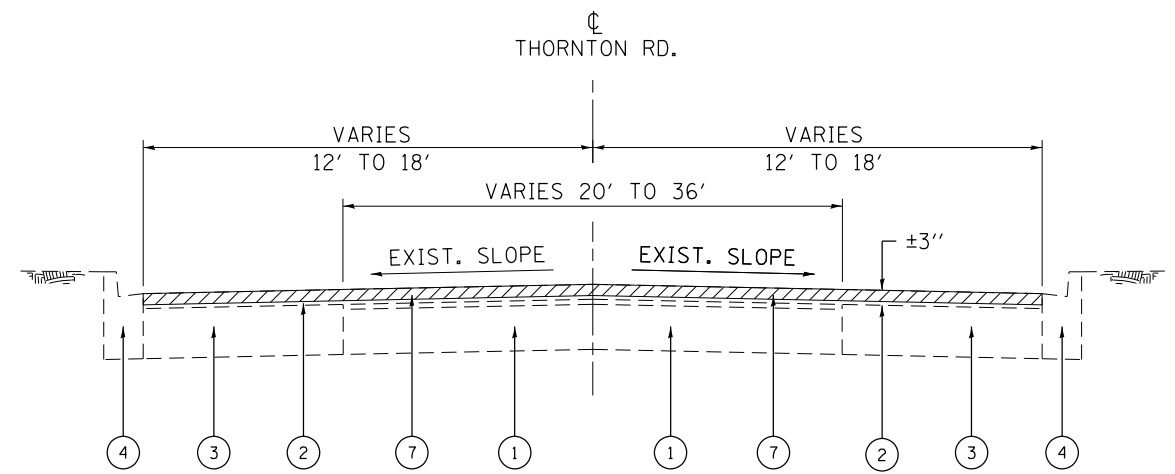
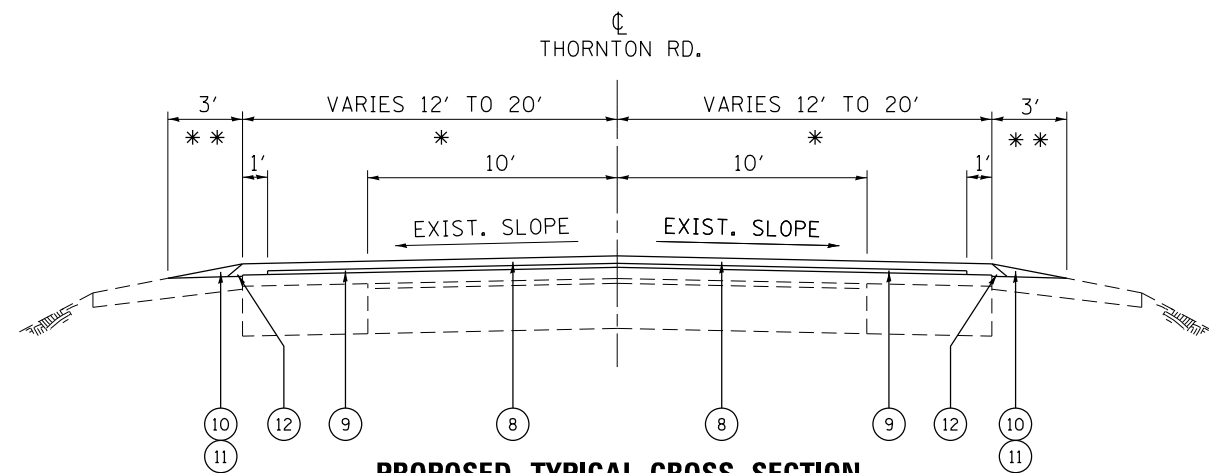


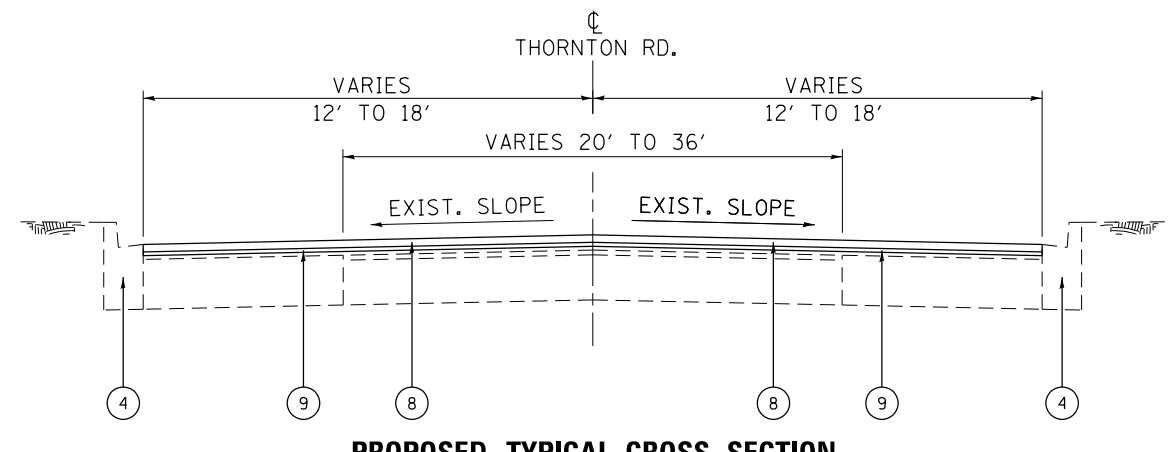
EXISTING TYPICAL CROSS SECTION
THORNTON RD. (WOOD ST. TO IL 83 (SIBLEY BLVD.))
 STA. 21+05 TO STA. 89+37



EXISTING TYPICAL CROSS SECTION
THORNTON RD. (WOOD ST. TO IL 83 (SIBLEY BLVD.))
 STA. 89+37 TO STA. 91+47



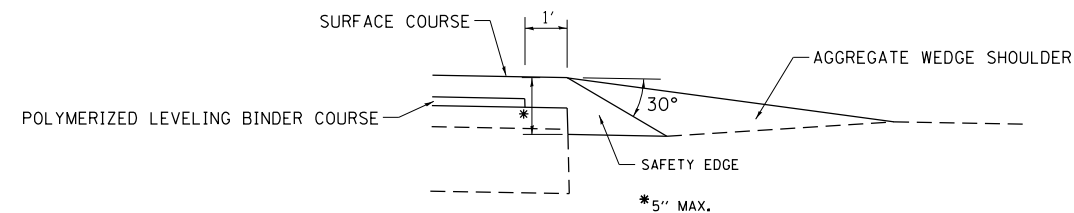
PROPOSED TYPICAL CROSS SECTION
THORNTON RD. (WOOD ST. TO IL 83 (SIBLEY BLVD.))
 STA. 21+05 TO STA. 89+37



PROPOSED TYPICAL CROSS SECTION
THORNTON RD. (WOOD ST. TO IL 83 (SIBLEY BLVD.))
 STA. 89+37 TO STA. 91+47

LEGEND

- ① EXISTING P.C.C. PAVEMENT, ± 9"
- ② EXISTING H.M.A. SURFACE, ± 3"
- ③ EXISTING H.M.A. BASE COURSE
- ④ EXISTING COMB. CONCRETE CURB & GUTTER, TYPE B-6.12
- ⑤ EXISTING H.M.A. SURFACE, ± 5 1/4"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ PROPOSED H.M.A. SURFACE REMOVAL, 2 1/4"
- ⑧ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50, 3/4"
- ⑩ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑪ PROPOSED GRADING AND SHAPING SHOULDERS
- ⑫ PROPOSED SAFETY EDGE SHOULDER



SAFETY EDGE DETAIL

SAFETY EDGE TREATMENT SHALL BE APPLIED TO PAVED SHOULDER OF 1 FT OR LESS THAT IS ADJACENT TO AGGREGATE / EARTH SHOULDER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS(%) @ NDES
PAVEMENT RESURFACING	
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm)	4% @ 70 GYR.
POLYMERIZED LEVELING BINDER COURSE (MM), IL-4.75, N50	3.5% @ 50 GYR.
PATCHING	
CLASS D PATCHES (HMA BINDER IL-19 mm), 12"	4% @ 70 GYR.
DRIVEWAYS	
HMA SURFACE COURSE, MIX "D", N70 (IL-9.5 mm), 2"	4% @ 70 GYR.
HOT-MIX ASPHALT BASE COARSE, (IL-19 mm), 8"	4% @ 70 GYR.

NOTES

1. THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
 2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR "PERCENT OF RAP" SEE SPECIAL PROVISIONS.
 3. PAVEMENT PATCHING SHALL BE DONE AFTER ROADWAY MILLING.
- * SEE ROADWAY AND PAVEMENT MARKING PLAN SHEETS FOR LOCATIONS.
- ** AGGREGATE SHOULDER FROM STA. 21+05 TO APPROX. STA. 56+50 & AS SHOWN ON THE ROADWAY AND PAVEMENT MARKING PLAN SHEETS.