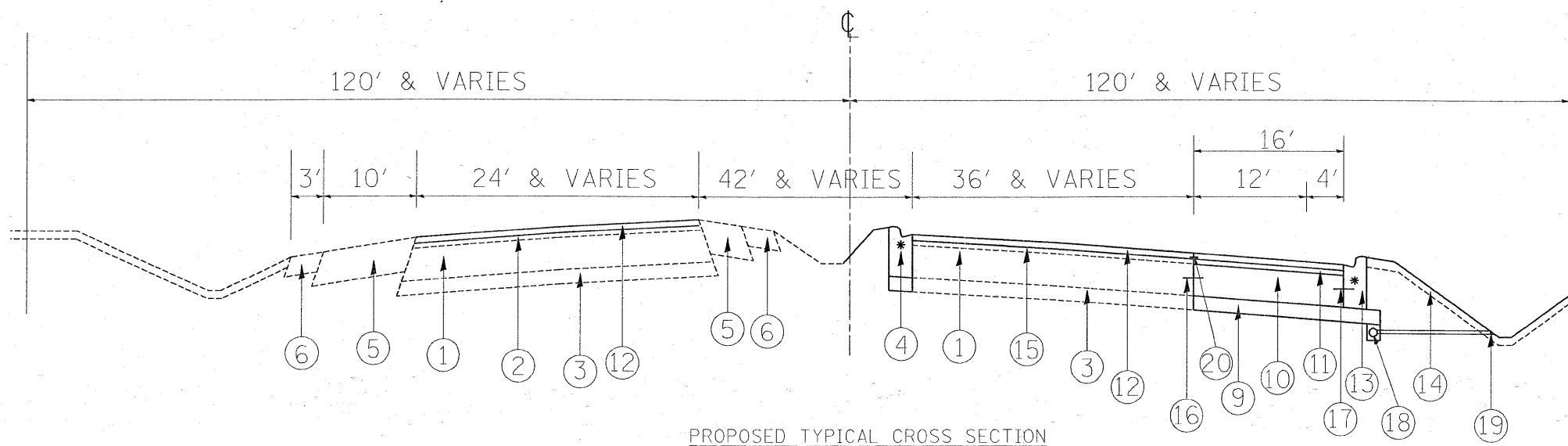


EXISTING TYPICAL CROSS SECTION
IL 72 (HIGGINS RD) LOOKING EAST & WEST



PROPOSED TYPICAL CROSS SECTION
IL 72 (HIGGINS RD) LOOKING EAST & WEST

LEGEND

- ① EXISTING PCC PAVEMENT, 10"
- ② EXISTING HMA SURFACE, 3 1/2"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL, 4"
- ④ EXISTING CURB & GUTTER
- ⑤ EXISTING HMA SHOULDER, 10"
- ⑥ EXISTING AGGREGATE SHOULDER
- ⑦ EXISTING DITCH
- ⑧ PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- ⑨ PROPOSED SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑩ PROPOSED PCC BASE COURSE, 10"
- ⑪ PROPOSED LEVELING BINDER (MM), N70, 1 3/4"
- ⑫ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "F", N90, 1 3/4"
- ⑬ PROPOSED CURB AND GUTTER M-4.24
- ⑭ PROPOSED FURNISHING & PLACING TOP, SOIL, 6" SODDING OR SEEDING
- ⑮ EXISTING HMA SURFACE OVERLAY, 1 3/4"
- ⑯ PROP. DRILL & GROUT # 25 (#8) EPOXY COATED DEFORMED STEEL TIE BAR, 24" LONG, 24" C-C - COST INCLUDED IN PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- ⑰ PROPOSED # 25 (#8) TIE BARS (EPOXY COATED) AT 24" C-C COST INCLUDED IN COMB. CONC. CURB & GUTTER, TYPE M-4.24
- ⑱ PROPOSED PIPE UNDERDRAIN, 4" (STA. 95+50 TO STA.96+50; STA. 103+00 TO 104+00)
- ⑲ PROPOSED CONCRETE HEADWALL FOR PIPE DRAINS
- ⑳ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	AIR VOIDS (%)
POLYMERIZED HMA SURFACE COURSE, MIX "F", N90 (IL 9.5 mm)	SBS/SBR PG 70-22	4% AT 90 GYR.
LEVELING BINDER (MM), N70 (IL 9.5 mm)	PG 64-22*	4% AT 70 GYR.
HMA SHOULDER	PG 64-22*	2% AT 30 GYR.
HMA SURFACE COURSE, MIX "D", N50 (IL 9.5 mm)	PG 64-22	4% AT 50 GYR.

NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE COURSE MIXTURES IS 112 LBS/SQ YD/IN
*WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

* CURB AND GUTTER FROM STATION 97+02.9 TO RADIUS RETURN LOOKING NORTHWEST AND FROM RADIUS RETURN TO STATION 103+08.2 LOOKING SOUTHWEST