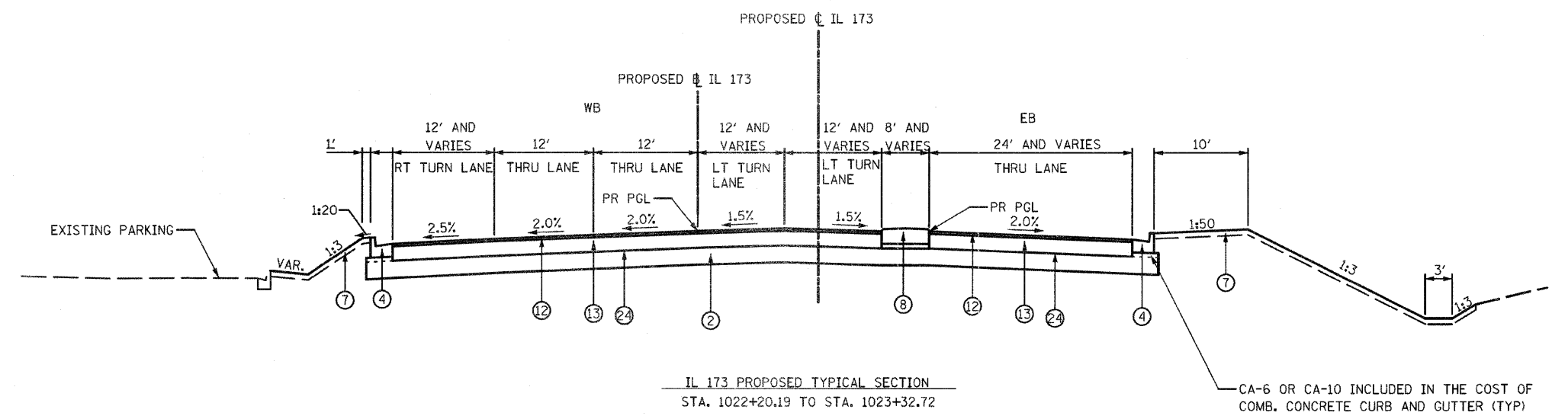
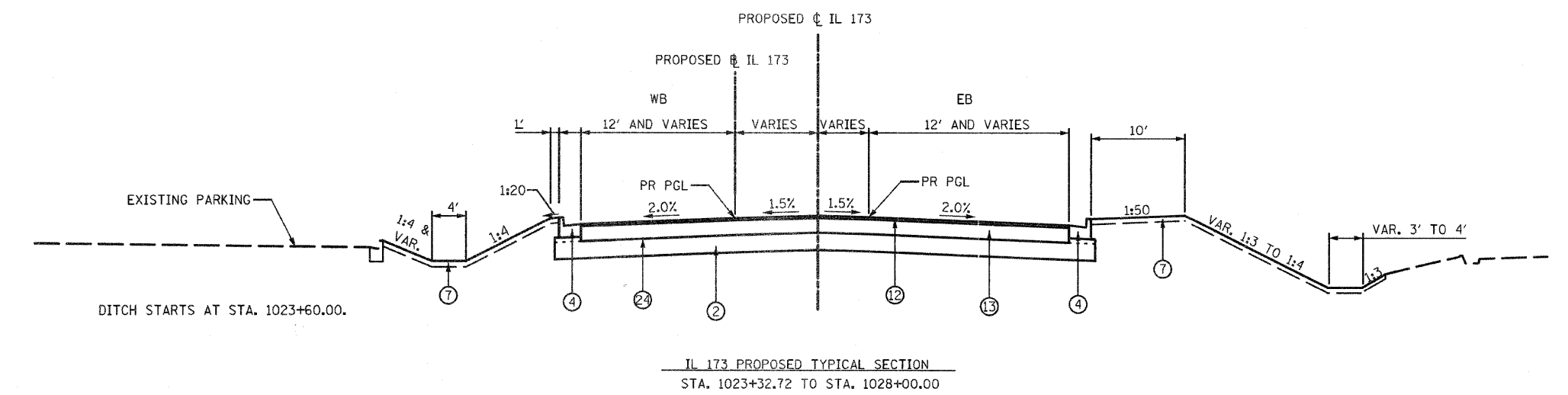


RALSTON RD/IL 173 PROPOSED TYPICAL SECTION
STA. 1019+59.17 TO STA. 1022+20.19



IL 173 PROPOSED TYPICAL SECTION
STA. 1022+20.19 TO STA. 1023+32.72



IL 173 PROPOSED TYPICAL SECTION
STA. 1023+32.72 TO STA. 1028+00.00

NOTES:
1. SEE GENERAL NOTES SHEET FOR HMA PAVEMENT REQUIREMENTS.
2. PROFILE GRADE LINE (PGL) CORRESPONDS TO BASELINE SHOWN ON THE PLANS.

PROPOSED LEGEND:

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED), SEE TABLE THIS SHEET FOR THICKNESS
- ② SUB-BASE GRANULAR MATERIAL, TYPE A, 12"
- ③ HOT-MIX ASPHALT MEDIAN WITH PAVEMENT COLOR AND TEXTURE (SPECIAL)
- ④ COMBINATION CONCRETE CURB AND GUTTER B-6.24
- ⑤ COMBINATION CONCRETE CURB AND GUTTER B-6.12
- ⑥ PORTLAND CEMENT CONCRETE SHOULDER, 9.5"
- ⑦ TOPSOIL FURNISH AND PLACE, 4"
- ⑧ CORRUGATED MEDIAN
- ⑨ COMBINATION CONCRETE CURB AND GUTTER B-6.18
- ⑩ COMBINATION CONCRETE CURB AND GUTTER B-6.06
- ⑪ CONCRETE MEDIAN, TYPE SB-6.06
- ⑫ 2" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E" N70
- ⑬ 10.75" POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70
- ⑭ BITUMINOUS MATERIAL (PRIME COAT)
- ⑮ 4.75" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑯ 6.5" HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50
- ⑰ #6 TIE BARS (FOR MORE INFO SEE GENERAL NOTES SHEETS)
- ⑱ PORTLAND CEMENT CONCRETE BASE COURSE, 10"
- ⑲ HOT-MIX ASPHALT SURFACE REMOVAL, 2.25"
- ⑳ 1.5" POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70
- ㉑ 0.75" POLYMERIZED LEVELING BINDER (MACHINE METHOD), N70
- ㉒ 2" HOT-MIX ASPHALT SURFACE COURSE, MIX "C" N50
- ㉓ SUB-BASE GRANULAR MATERIAL, TYPE A, 21" (STA. 993+00 TO STA. 1002+50 AND STA. 1021+50 TO STA. 1022+20.19)
- ㉔ POLYMERIZED BITUMINOUS MATERIAL (PRIME COAT)
- ㉕ GEOTECHNICAL REINFORCEMENT

PCC PAVEMENT THICKNESS TABLE

ROADWAY	THICKNESS
IL 173	9.5"
IL 251	9.5"
ALPINE RD	9.5"
ORLANDO ST/N 2ND FRONTAGE RD	8.25"

IL 173

FLEXIBLE PAVEMENT

STRUCTURAL DESIGN TRAFFIC:	YEAR 2021	
PV= 49603	SU= 460	MU= 333
ROAD/STREET CLASSIFICATION:	CLASS I	
P= 32%	S= 45%	M= 45%
TRAFFIC FACTOR:	ACTUAL TF= 4.27	AC TYPE= 20
	MINIMUM TF=	
PG GRADE: BINDER=	PG 64-22	SURFACE= PG 64-22
SUBGRADE SUPPORT RATING:		
SSR= POOR	(STA. 1022+20.19 TO 1028+00.00)	
SSR=	(STA. TO)	