

PROPOSED TYPICAL SECTION

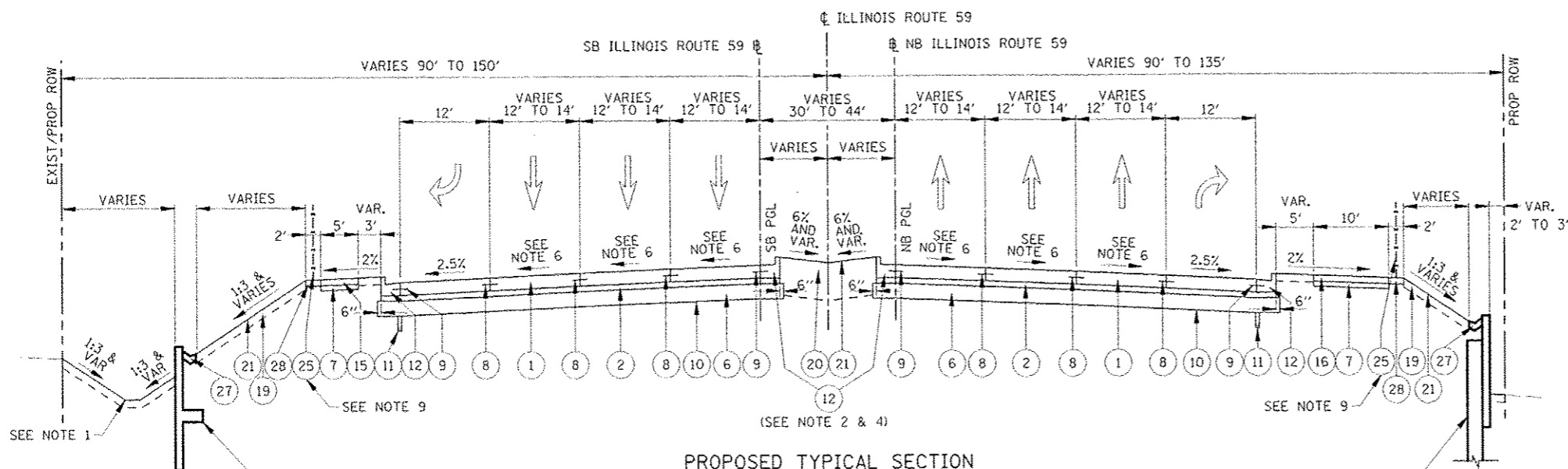
STA 4045+00 TO STA 4049+18 (SEE NOTE 5)

(NB STA 907+01 TO NB STA 911+19)

(SB STA 806+99 TO SB STA 811+17)

IDOT LEGEND PROPOSED

- 1 PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED)
- 2 STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2"
- 3 HOT-MIX ASPHALT PAVEMENT (FULL-DEPTH), 10 1/4"
- 4 POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "F", N90 (IL-9.5 mm); 2"
- 5 AGGREGATE SHOULDERS, TYPE B 10"
- 6 AGGREGATE SUBGRADE IMPROVEMENT, 12"
- 7 SUBBASE GRANULAR MATERIAL, TYPE B, 4"
- 8 LONGITUDINAL CONSTRUCTION JOINT GROUTED IN PLACE, NO. 6 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED PAVEMENT)
- 9 GROUTED IN PLACE NO. 6 TIE BAR AT 24" LONG, DEFORMED (EPOXY COATED) AT 24" CTS. (INCLUDED IN THE COST OF THE PROPOSED CURB AND GUTTER)
- 10 GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
- 11 PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"
- 12 COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- 13 CONCRETE MEDIAN TYPE SB-6 (SPECIAL)
- 14 CONCRETE MEDIAN SURFACE, 4"
- 15 PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 16 SHARED USE PATH, PORTLAND CEMENT CONCRETE SIDEWALK 5"
- 17 CONCRETE BARRIER WALL (SPECIAL)
- 18 HOT-MIX ASPHALT PATH, 6"
- 19 TOPSOIL 6" (TOPSOIL EXCAVATION AND PLACEMENT)
- 20 TOPSOIL FURNISH AND PLACE, 30"
- 21 SODDING, SALT TOLERANT OR SEEDING (AS NOTED ON LANDSCAPE PLAN)
- 22 STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- 23 PARAPET RAILING
- 24 COMBINATION CONCRETE CURB & GUTTER, TYPE B-9.24
- 25 CHAIN LINK FENCE, 5'
- 26 LEVELING BINDER (MACHINE METHOD), N70 (IL-9.5mm); 3/4"
- 27 CONCRETE GUTTER, TYPE B
- 28 HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50; 5"



PROPOSED TYPICAL SECTION

STA 4049+18 TO STA 4052+88

(NB STA 911+19 TO NB STA 914+91)

(SB STA 811+17 TO SB STA 814+88)

NOTES

- 1. SEE CROSS SECTIONS FOR GRADING INFORMATION.
- 2. CURB AND GUTTER FOR PROPOSED MEDIAN SHALL BE CONSTRUCTED WITH REVERSE PITCHED GUTTER.
- 3. SEE LANDSCAPING PLANS FOR SEEDING AND SODDING INFORMATION.
- 4. SEE PLANS FOR CURB AND GUTTER TYPE. CC&G B-6.24 TRANSITIONS TO CC&G B-9.24 ALONG MEDIAN.
- 5. NORTHBOUND LANES BEGIN TO TRANSITION FROM 12' TO 14' AT STA 4048+05.4 (910+05.7). SEE NORTHBOUND TRANSITION SECTION.
- 6. SEE CROSS SLOPE TRANSITION TYPICAL SECTIONS.
- 7. SEE STRUCTURAL PLANS FOR LOCATION OF RETAINING WALLS.
- 8. THE HMA PATH, 6" IS LOCATED FROM STA 909+02 TO STA 912+20.
- 9. SEE SIDEWALK/SHARED-USE PATH/ FENCE PLANS FOR LOCATION & DETAILS OF CHAIN LINK FENCE.
- 10. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION IS PLACED BENEATH AGGREGATE SUBGRADE 12", EXCEPT IN THE AREA OF LONGITUDINAL PIPE UNDERDRAINS WHERE IT IS LIMITED TO THE EDGE OF PAVEMENT (SEE PIPE UNDER DRAIN DETAIL).
- 11. CONCRETE MEDIAN TYPE SB-6 (SPECIAL) TRANSITIONS TO CONCRETE MEDIAN TYPE SB-6 PER THE TYPICAL SECTION DETAIL.

STRUCTURAL DESIGN TRAFFIC	YEAR	2030
PV = 62,000	SU = 2,100	MU = 2,900
ROAD STREET CLASSIFICATION:	Class	1
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
P = 8	S = 37	MU = 37
TRAFFIC FACTOR:	Actual TF	25.79
	Minimum TF	6.20
AC GRADE:	Binder =	Surface =
SUBGRADE SUPPORT RATING:	SSR =	Sta. to Sta.