

•GUARDRAIL  
STA. 501+76.81 TO STA. 503+79.61

•RETAINING WALL  
STA. 501+80.43 TO STA. 503+79.61

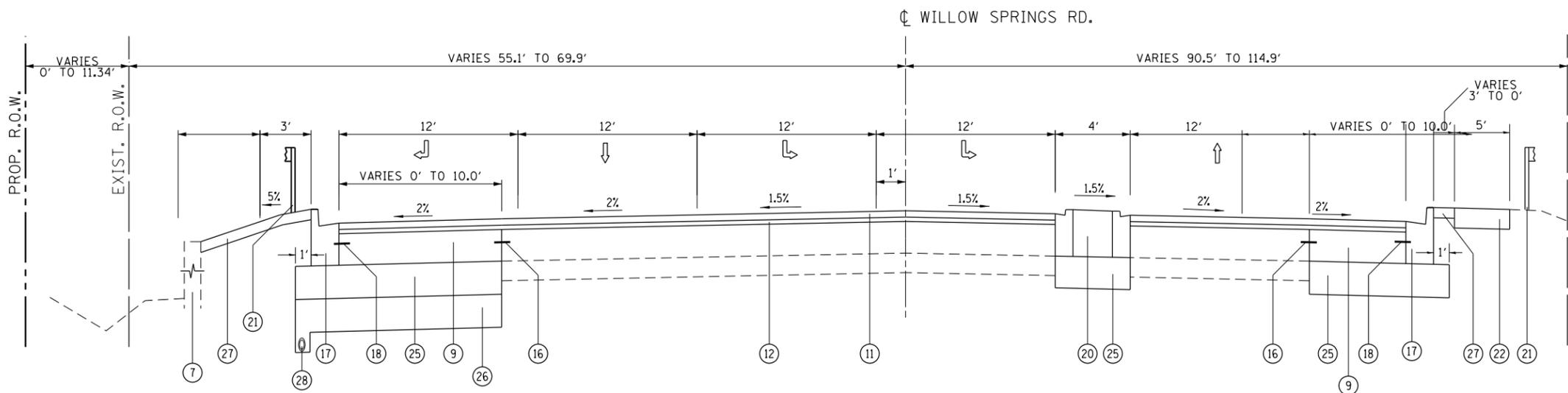
**EXISTING TYPICAL SECTION  
WILLOW SPRINGS ROAD**

STA. 500+00.00 TO STA. 502+81.6

•GUARDRAIL  
STA. 501+00 TO STA. 503+79.61

**LEGEND**

- ① EXISTING P.C.C. PAVEMENT, 10"
- ② EXISTING STABILIZED SUB-BASE
- ③ EXISTING P.C.C. SIDEWALK
- ④ EXISTING CURB AND GUTTER
- ⑤ EXISTING HMA SHOULDER
- ⑥ EXISTING GUARDRAIL
- ⑦ EXISTING RETAINING WALL
- ⑧ PROPOSED P.C.C. VARIABLE SURFACE REMOVAL (TYP.)  
(SEE EXIST. AND PROP. PLANS FOR EXACT LOCATIONS)  
(SEE BD-33 FOR THICKNESS VARIATION FOR MIX "F" )
- ⑨ PROPOSED PCC BASE COURSE, 10"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑪ PROPOSED POLY. HMA SURFACE,  
COURSE MIX "F" N90 1 3/4"
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM),  
IL-4.75, N50 3/4"
- ⑬ PROPOSED HMA SURFACE REMOVAL, 1/4"
- ⑭ PROPOSED 1" POLYMERIZED LEVELING BINDER (MM),  
IL-4.75, N50  
(FOR MILLED EXISTING HMA SHOULDER. TO MATCH ROADWAY  
POLYMERIZED LEVELING BINDER. SEE PLAN FOR EXACT LOCATION)
- ⑮ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B
- ⑯ PROPOSED DRILL & GROUT (#8) EPOXY COATED  
DEFORMED STEEL TIE BAR, 24" LONG, 24" C-C,  
(COST INCLUDED IN P.C.C. BASE COURSE, 10")
- ⑰ PROPOSED CURB & GUTTER, TYPE B-6.24
- ⑱ PROPOSED (#8) TIE BARS (EPOXY COATED) AT 24" CC (COST  
INCLUDED IN COMB. CONC. CURB AND GUTTER, TYPE B-6.24)
- ⑲ PROPOSED EXISTING P.C.C. MEDIAN REMOVAL
- ⑳ PROPOSED CONCRETE MEDIAN, TYPE M-2.12
- ㉑ PROPOSED STEEL PLATE BEAM GUARDRAIL, TYPE A, 6' POSTS
- ㉒ PROPOSED P.C.C. SIDEWALK
- ㉓ PROPOSED HMA SURFACE CRSE, MIX "D", N50, 2"
- ㉔ PROPOSED AGGREGATE BASE COURSE, TYPE B 6"
- ㉕ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ㉖ PROPOSED AGGREGATE SUBGRADE IMPROVEMENT  
(FOR 12" UNDERCUT)
- ㉗ PROPOSED TOPSOIL EXCAVATION AND PLACEMENT (6")  
AND SODDING, SALT TOLERANT
- ㉘ PROPOSED PIPE UNDERDRAIN, 4"



•GUARDRAIL  
STA. 503+35.86 TO STA. 501+35.86

**PROPOSED TYPICAL SECTION  
WILLOW SPRINGS ROAD**

STA. 500+00.00 TO STA. 502+81.6

NOTE:  
18" OF EXISTING TOPSOIL TO BE STRIPPED AND REUSED  
WITHIN LIMITS OF THE PROJECT

PROPOSED AGGREGATE SUBGRADE IMPROVEMENT (12" UNDERCUT)  
ON THE WIDENING IS FROM STATION 500+50 TO 502+50 ON WILLOW  
SPRINGS ROAD.

PROPOSED PIPE UNDERDRAIN TO BE INSTALLED UNDERNEATH  
PROPOSED EDGE OF PAVEMENT FROM STA. 201+00 TO 207+00  
ON ARCHER AVENUE AND FROM STATION 500+50 TO 503+50 ON  
WILLOW SPRINGS ROAD. PROPOSED PIPE UNDERDRAIN SHALL  
BE CONNECTED TO A DRAINAGE STRUCTURE OR AS DIRECTED  
BY THE RESIDENT ENGINEER.

USER NAME = paraynoal	DESIGNED TWR	REVISED - 04/14/2011
PLOT CONFIG = \$PLTDRVS\$	DRAWN TWR	REVISED - 06/15/2011
PLOT SCALE = \$SCALES\$	CHECKED RJW	REVISED - 01/20/2012
PLOT DATE = 12/13/2013	DATE 02/15/2011	REVISED - 07/26/2012

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS  
IL 171 (ARCHER AVE) AT 104TH AVE. (FLAVIN ROAD)**

SCALE: NTS SHEET NO. 4 OF 5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3565	B-N-5	COOK	129	24
CONTRACT NO.			60T24	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				