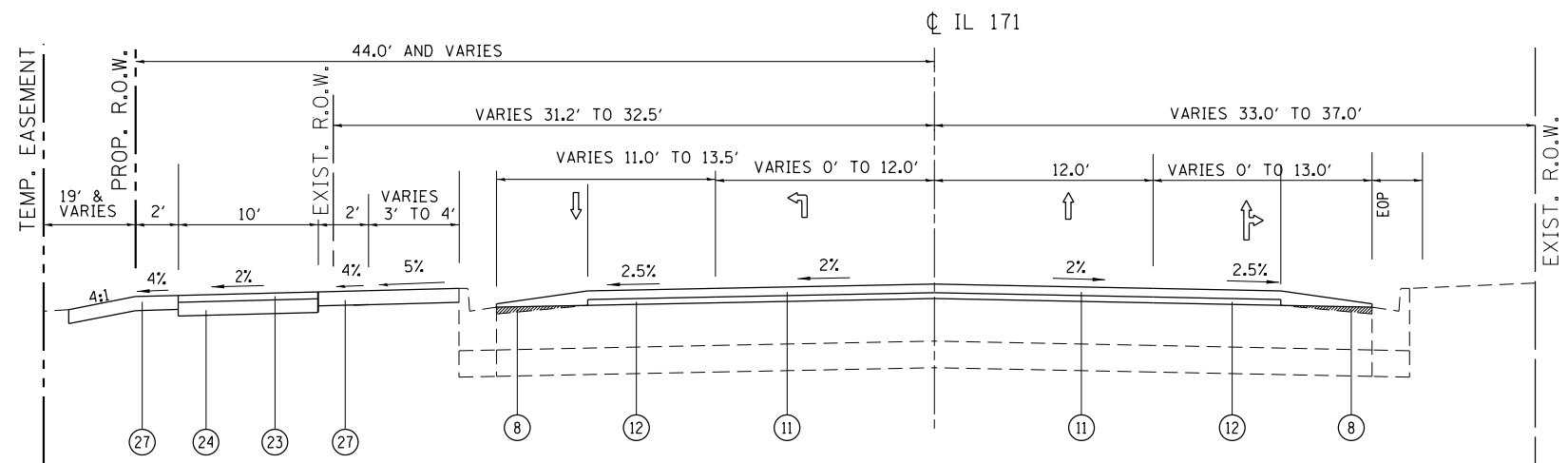


**EXISTING TYPICAL SECTION  
IL. ROUTE 171 (ARCHER AVENUE)**

STA. 193+92 TO STA. 197+08



**PROPOSED TYPICAL SECTION  
IL. ROUTE 171 (ARCHER AVENUE)**

STA. 193+92 TO STA. 197+08

•SHARED PATH  
STA. 195+62.94 TO STA. 199+58.73  
•EXISTING SIDEWALK  
STA. 192+69.58 TO STA. 195+62.94

**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"

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.

FOR HMA MIX REQUIREMENTS,  
SEE SCHEDULE OF QUANTITIES SHEET

USER NAME = paraynoal	DESIGNED TWR	REVISED - 04/14/2011	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICAL SECTIONS IL 171 (ARCHER AVE) AT 104TH AVE. (FLAVIN ROAD)</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT CONFIG = \$PLTDRVS*	DRAWN TWR	REVISED - 06/15/2011		3565	B-N-5	COOK	129	20		
PLOT SCALE = \$SCALESHORT*	CHECKED RJW	REVISED - 01/20/2012		<b>CONTRACT NO. 60T24</b>						
PLOT DATE = 12/13/2013	DATE 02/15/2011	REVISED - 07/26/2012		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT				