

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

STA. 200+00.00 TO STA. 208+40.00

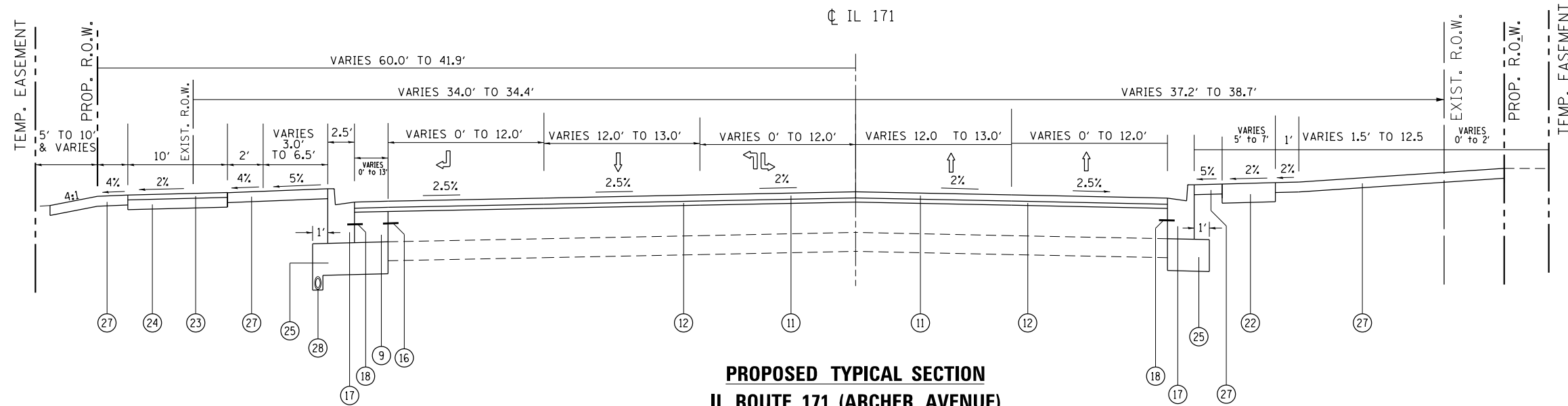
NOTE:
18" OF EXISTING TOPSOIL TO BE STRIPPED AND REUSED WITHIN LIMITS OF THE PROJECT

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.

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"



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

STA. 200+00.00 TO STA. 208+40.00

| | | |
|----------------------------|-----------------|----------------------|
| USER NAME = paraynoal | DESIGNED TWR | REVISED - 04/14/2011 |
| PLOT CONFIG = \$PLTDRVS* | DRAWN TWR | REVISED - 06/15/2011 |
| PLOT SCALE = \$SCALESHORT* | 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**

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| TYPICAL SECTIONS | |
| IL 171 (ARCHER AVE) AT 104TH AVE. (FLAVIN ROAD) | |
| SCALE: NTS | SHEET NO. 2 OF 5 SHEETS |

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|---|---------|--------|--------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 3565 | B-N-5 | COOK | 129 | 21 |
| CONTRACT NO. | | | 60T24 | |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | | |