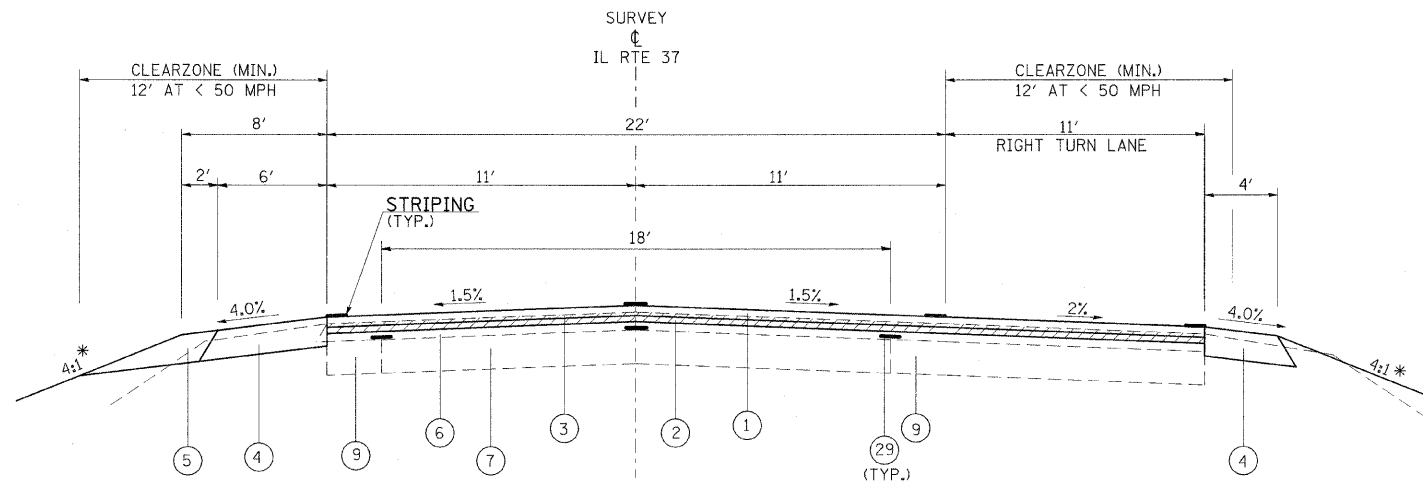


| | | | | |
|---------------------|---------|----------|------------------|----------|
| F.A. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO |
| * | ** | *** | 304 | 14 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

* FAU 9481, FAS 2887 (IL 37)
 ** (12.12X).RS-3:12B-1,12B1-1
 *** FRANKLIN AND WILLIAMSON

TYPICAL SECTION



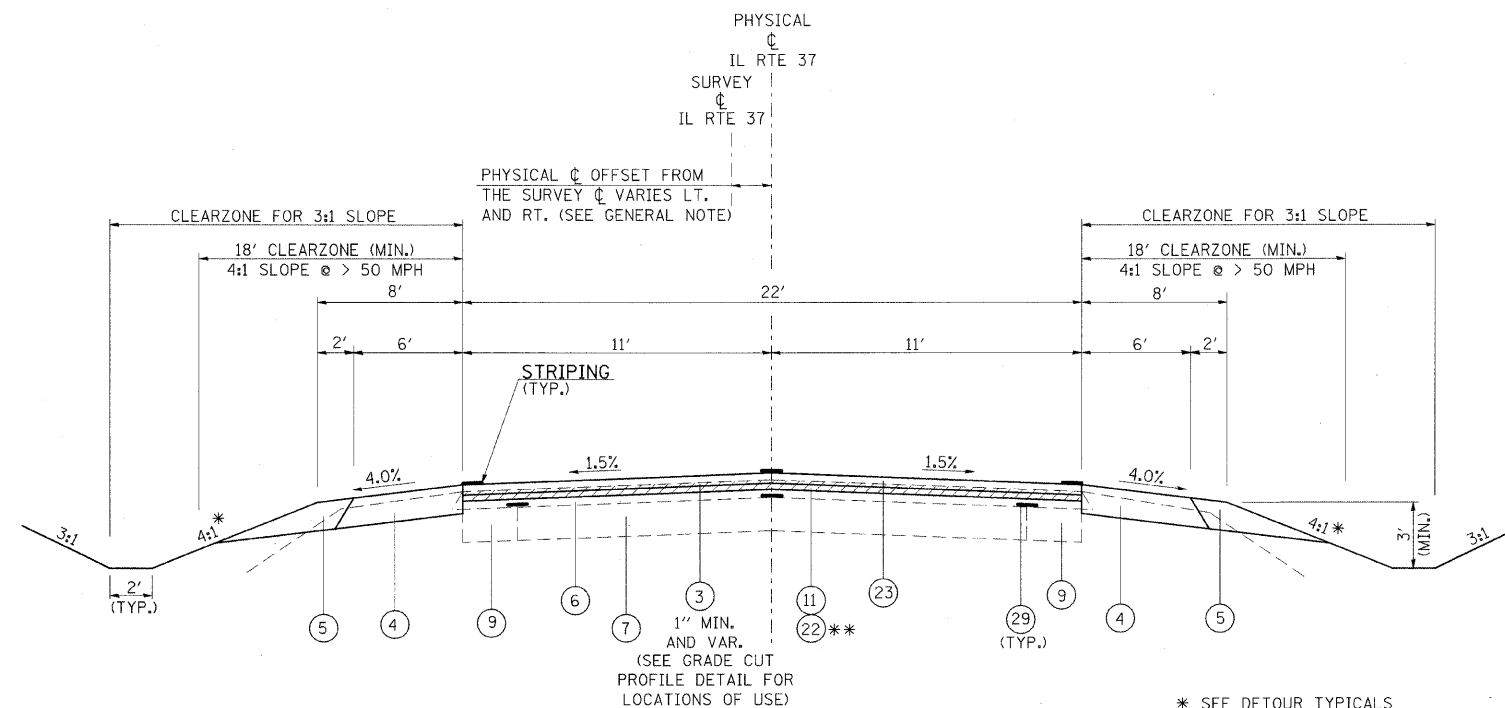
TO BE USED:
 STA. 403+20 TO STA. 407+77

* OR AS SHOWN ON CROSS-SECTIONS

MILL AND RESURFACE TYPICAL
 WILLIAMSON COUNTY LINE TO JOHNSON CITY
 STA. 457+12 TO STA. 577+41

| | | | |
|--|----------|--------------|-----------|
| STRUCTURAL DESIGN TRAFFIC: | | Year | 2018 |
| PV = | 7,500 | SU = | 360 |
| | | MU = | 90 |
| ROAD/STREET CLASSIFICATION: | | Class | 2 |
| PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE: | | | |
| P = | 50% | S = | 50% |
| | | M = | 50% |
| TRAFFIC FACTOR: | | Actual TF = | 1.00 |
| | | AC Type = | 20 |
| | | Minimum TF = | 3.81 |
| PG GRADE: | Binder = | PG64-22 | Surface = |
| | | SBS PG76-22 | |

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N90 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N90 3/4"
- ③ HOT-MIX ASPHALT SURFACE REMOVAL 1"
- ④ HOT-MIX ASPHALT SHOULDERS 8"
- ⑤ AGGREGATE SHOULDERS, TYPE A 8"
- ⑥ EXISTING HOT-MIX ASPHALT SURFACE
- ⑦ EXISTING 9" P.C.C. BASE COURSE
- ⑧ EXISTING CONCRETE CURB AND GUTTER
- ⑨ EXISTING 9" P.C.C. BASE COURSE WIDENING
- ⑩ TEMPORARY PAVEMENT, 9 1/2"
- ⑪ LEVELING BINDER (MACHINE METHOD), N90 (VAR. DEPTH)
- ⑫ PROCESSING LIME MODIFIED SOIL 12"
- ⑬ EARTH SHOULDER
- ⑭ PORTABLE TEMPORARY BARRIER SYSTEM
- ⑮ PAVEMENT REMOVAL
- ⑯ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 12 1/4"
- ⑰ SUB-BASE GRANULAR MATERIAL TYPE C
- ⑱ GUARD RAIL REMOVAL
- ⑲ STEEL PLATE BEAM, TYPE A
- ⑳ PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)
- ㉑ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 10"
- ㉒ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 (VAR. DEPTH)
- ㉓ HOT-MIX ASPHALT SURFACE COURSE, MIX D, N90 2"
- ㉔ HOT-MIX ASPHALT SHOULDERS 1 1/4"
- ㉕ HOT-MIX ASPHALT SHOULDERS (VAR. DEPTH)
- ㉖ POROUS GRANULAR EMBANKMENT
- ㉗
- ㉘ HOT-MIX ASPHALT SURFACE REMOVAL VARIABLE DEPTH
- ㉙ STRIP REFLECTIVE CRACK CONTROL



TO BE USED:
 STA. 525+72 TO STA. 529+50
 ** STA. 537+90 TO STA. 551+50

STA. 560+90 TO STA. 564+12 (CLEARZONE (MIN.) 12' AT < 50 MPH)

* SEE DETOUR TYPICALS

GENERAL NOTE: THE PHYSICAL ϕ IS DEFINED AS THE ϕ OBTAINED BY SPLITTING THE EDGES OF PAVEMENT.

SHEET 5 OF 8

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| | |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: VERT. NO SCALE
 HORIZ. DATE

DRAWN BY
 CHECKED BY