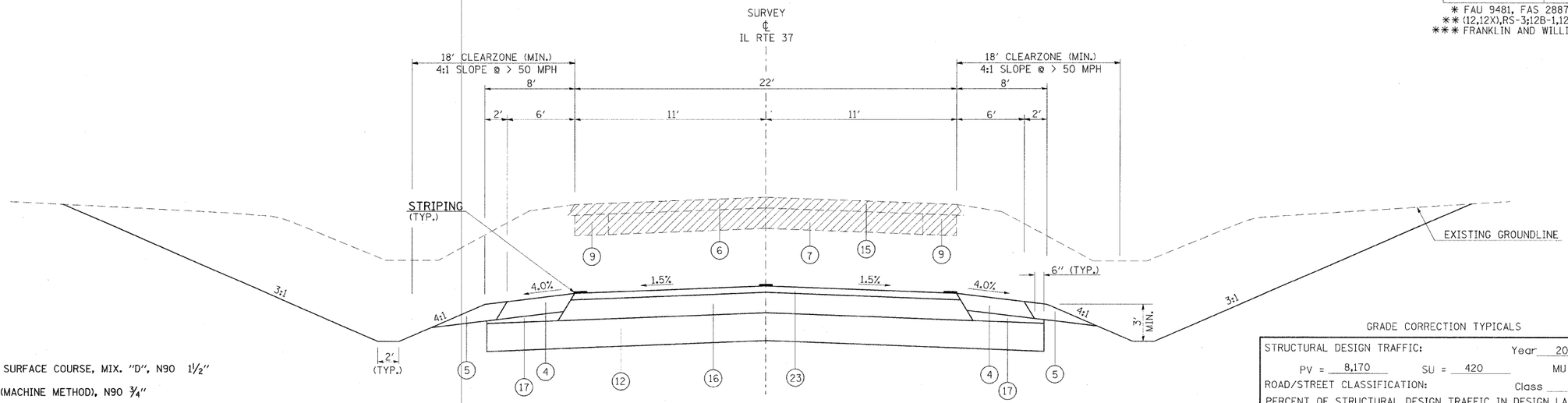
CONTRACT NO. 98823

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
*	**	***	304	15
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

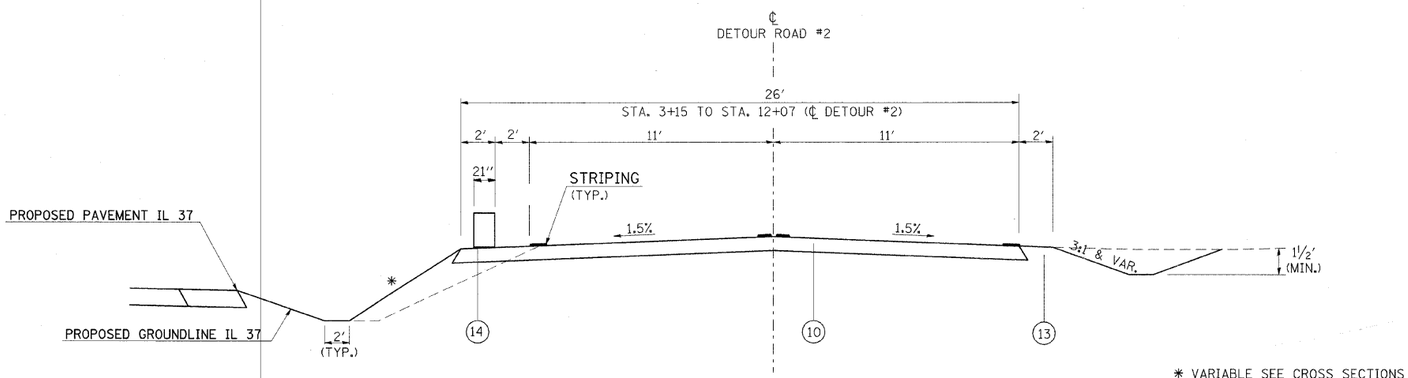


TO BE USED:
STA. 529+50 TO STA. 537+90
STA. 551+50 TO STA. 560+90

GRADE CORRECTION TYPICALS

STRUCTURAL DESIGN TRAFFIC: Year 2018
PV = 8,170 SU = 420 MU = 110
ROAD/STREET CLASSIFICATION: Class 2
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
P = 50% S = 50% M = 50%
TRAFFIC FACTOR: Actual TF = 0.91 AC Type = 20
Minimum TF = 3.81
PG GRADE: Binder = PG64-22 Surface = SBS PG76-22
SUBGRADE SUPPORT RATING: IBR 4

(1) HOT-MIX ASPHALT SURFACE COURSE, MIX. "D", N90 1½"
(2) LEVELING BINDER (MACHINE METHOD), N90 ¾"
(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, 9½"
(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 12¼"
(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 1¼"
(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



* VARIABLE SEE CROSS SECTIONS

TO BE USED:
STA. 1+50 TO STA. 14+57 (℄ DETOUR #2)
(℄ IL 37
RT. STA. 551+00 TO STA. 562+42)

SHEET 6 OF 8

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS

SCALE: VERT. NO SCALE HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = 12/7/2021
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