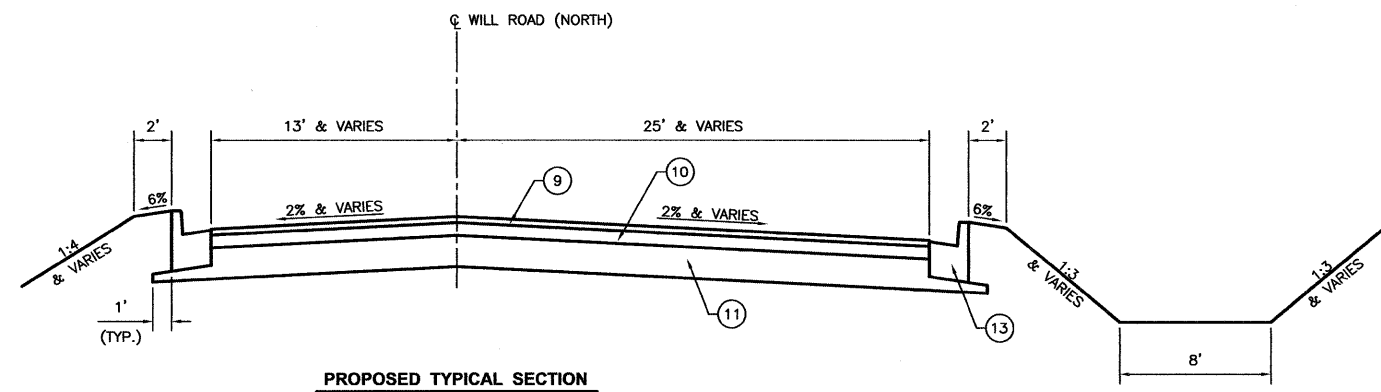
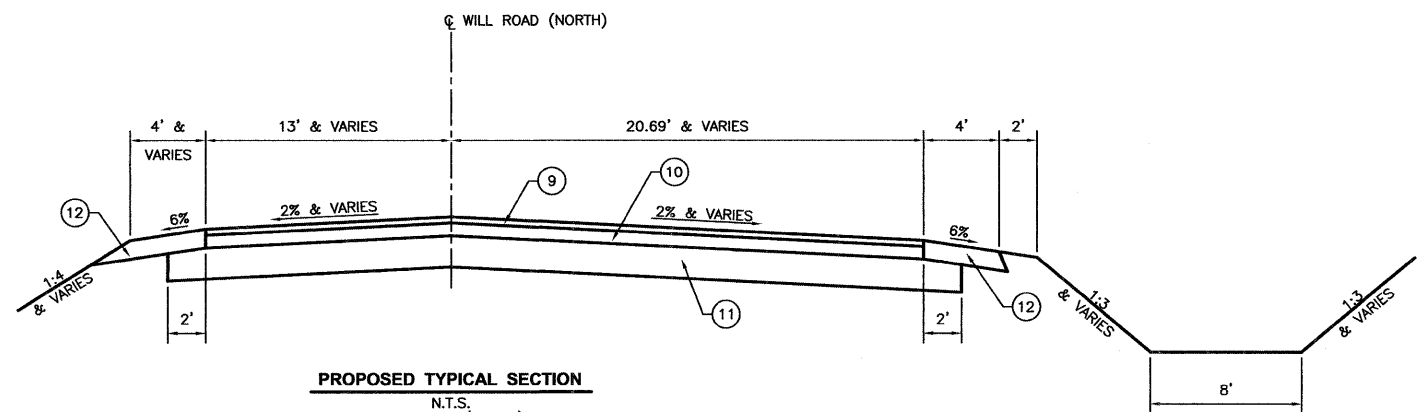


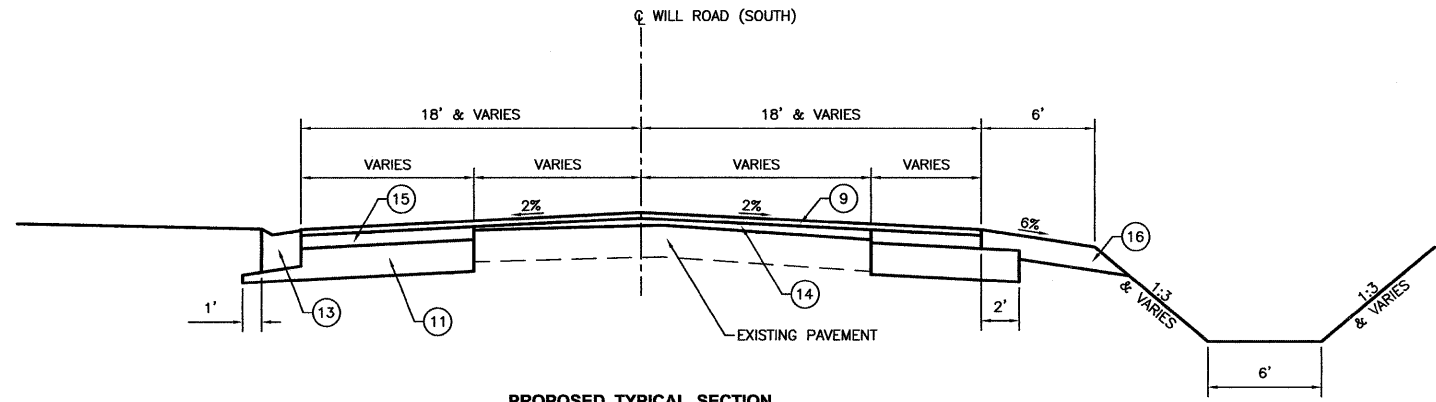
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 311 S. WASHINGTON ST., SUITE 200, CHICAGO, IL 60602-3111
 E:\Projects\11-00007-00-VR\11-00007-00-VR-TYPICAL.dwg, Last Modified: Feb 08, 2012, 8:55 am, Plotted on: Mar 27, 2012, 1:25 pm by nandis



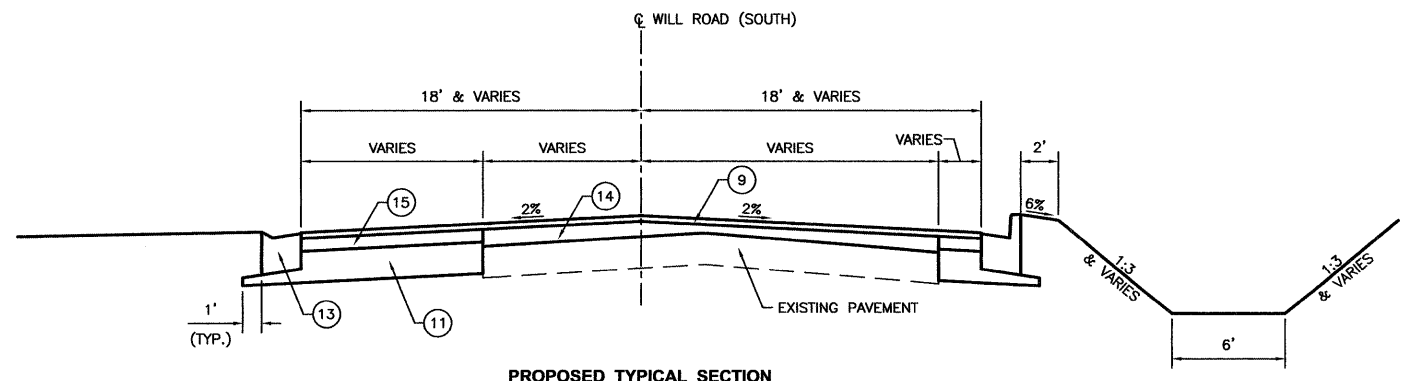
PROPOSED TYPICAL SECTION
 N.T.S.
 WILL ROAD (NORTH)
 STA. 200+50.00 TO STA. 202+94.80
 (NOTE - END LEFT CURB AND GUTTER AT STA. 202+35 AND BEGIN AGGREGATE SHOULDER)



PROPOSED TYPICAL SECTION
 N.T.S.
 WILL ROAD (NORTH)
 STA. 202+94.80 TO STA. 204+58.96



PROPOSED TYPICAL SECTION
 N.T.S.
 WILL ROAD (SOUTH)
 STA. 95+64.21 TO STA. 97+44.89



PROPOSED TYPICAL SECTION
 N.T.S.
 WILL ROAD (SOUTH)
 STA. 97+44.89 TO STA. 99+50

LEGEND

- ① HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1 1/2"
- ② LEVELING BINDER (MACHINE METHOD), N70, 1"
- ③ LEVELING BINDER (MACHINE METHOD), N70, VARIABLE DEPTH
- ④ HOT-MIX ASPHALT BASE COURSE, 7 3/4"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE A, 12"
- ⑥ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑦ HOT-MIX ASPHALT SHOULDER, 8"
- ⑧ AGGREGATE SHOULDERS, TYPE B
- ⑨ HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 1 1/2"
- ⑩ HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50 3 1/4"
- ⑪ AGGREGATE BASE COURSE, TYPE A 8"
- ⑫ AGGREGATE SHOULDERS, TYPE B 4 3/4"
- ⑬ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18
- ⑭ LEVELING BINDER (MACHINE METHOD), N50, VARIABLE DEPTH
- ⑮ LEVELING BINDER (MACHINE METHOD), N50, 3 1/4"
- ⑯ AGGREGATE SHOULDERS TYPE B 6"

STRUCTURAL DESIGN TRAFFIC:	Year	2022
	PV =	1276
	SU =	73
	MU =	10
ROAD/STREET CLASSIFICATION:	Class	LOCAL ROAD
PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:		
	P =	50
	S =	50
	M =	50
TRAFFIC FACTOR:	Actual TF =	0.21
	AC Type =	20
	Minimum TF =	N/A
PG GRADE:	Binder =	PG64-22
	Surface =	PG64-28
SUBGRADE SUPPORT RATING:	SSR =	POOR

	HMA SURFACE	BINDER	HMA LEVEL BINDER
PG GRADE	PG64-28	PG64-22	PG64-22
DESIGN AIR VOIDS	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE	MIXTURE C	--	--
DENSITY TEST METHOD	CORES/CORRELATION	SATISFACTION OF ENGINEER	SATISFACTION OF ENGINEER

• MATERIAL SHALL BE COMPACTED TO 93.0-97.4 PERCENT OF THE MAXIMUM THEORETICAL DENSITY, EXCEPT THAT WHEN PLACED AS FIRST LIFT ON AN UNIMPROVED SUBGRADE THE MINIMUM PERCENT COMPACTION SHALL BE 92.0 PERCENT. THE MAXIMUM THEORETICAL DENSITY SHALL BE DETERMINED FROM THE MOVING AVERAGE AS SPECIFIED IN THE QC/QA SPECIFICATION.

DRAWN BY: NV	REVISIONS			
CHECKED BY: JKC	LEVEL	BY	DATE	DESCRIPTION
DATE: 02/12				

CHAMBLIN & ASSOCIATES
 PERU MORRIS
 ILLINOIS

FAS 301 / FAU 383
 SECTION 11-00007-00-WR
 VILLAGE OF DIAMOND
 GRUNDY AND WILL COUNTIES

PROPOSED TYPICAL SECTIONS

CONSTRUCTION PLANS	CURRENT AS OF:	02/12
	SCALE:	AS NOTED
	FILE NO.:	66022.01 Y- OF 96

CONTRACT NO. 87520