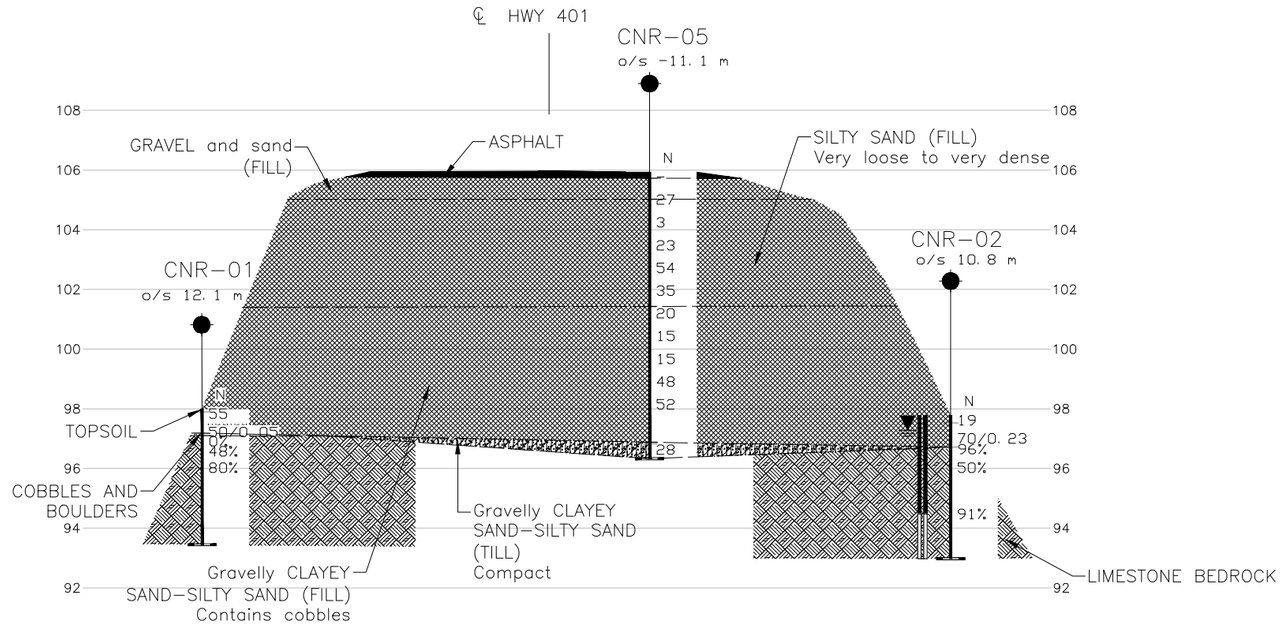
MINISTRY OF TRANSPORTATION, ONTARIO

METRIC
DIMENSIONS ARE IN METRES AND/OR MILLIMETRES UNLESS OTHERWISE SHOWN. STATIONS IN KILOMETRES + METRES.

CONT No.
WP No. 4079-20-01

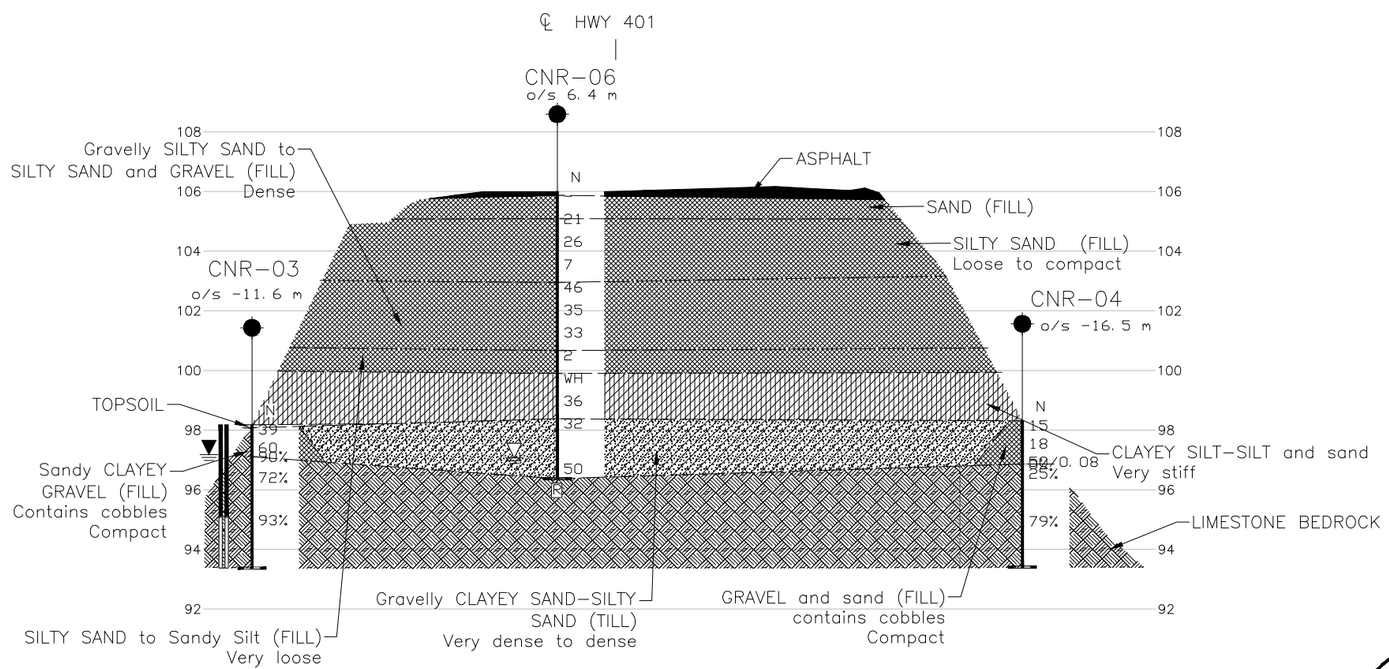
HIGHWAY 401 WIDENING
REPLACEMENT OF CNR OVERHEAD SITE 11X-0164/B0
SOIL STRATA

SHEET



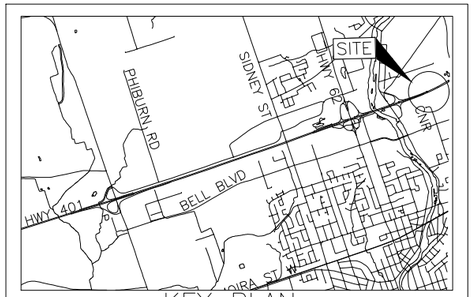
CROSS-SECTION B-B'-WEST ABUTMENT

HORIZONTAL SCALE 4 0 4 8 m
VERTICAL SCALE 2 0 2 4 m



CROSS-SECTION C-C'-EAST ABUTMENT

HORIZONTAL SCALE 4 0 4 8 m
VERTICAL SCALE 2 0 2 4 m



KEY PLAN
SCALE 1 0 1 2 km

LEGEND

- Borehole – Current Investigation
- Seal
- Piezometer
- N — Standard Penetration Test Value
- 16 — Blows/0.3m unless otherwise stated (Std. Pen. Test, 475 j/blow)
- 100% — Rock Quality Designation (RQD)
- WL in piezometer, measured on February 27, 2024
- WL upon completion of drilling

BOREHOLE CO-ORDINATES NAD83 MTM ZONE 9			
No.	ELEVATION	NORTHING	EASTING
CNR-01	98.0	4895803.8	234746.1
CNR-02	97.8	4895755.9	234761.1
CNR-03	98.2	4895811.1	234756.4
CNR-04	98.3	4895761.4	234771.3
CNR-05	106.0	4895767.9	234733.9
CNR-06	106.0	4895798.9	234780.8

Structural Site Location: Latitude: 44.198880 Longitude: -77.376444

NOTES

This drawing is for subsurface information only. The proposed structure details/works are shown for illustration purposes only and may not be consistent with the final design configuration as shown elsewhere in the Procurement-Ready Design Documents.

The boundaries between soil strata have been established only at borehole locations. Between boreholes the boundaries are assumed from geological evidence.

REFERENCES

Base plans provided in digital format by MTO, drawing file nos 3216057_EP.dwg and 3216057_Hwy 401 _8 Lanes Design_ACAD.dwg, received Oct. 13 2022, and General Arrangement Drawing file no. S16M-01435-01-320-001XG.dwg, received February 11, 2024. Contours source – Belleville 2022 DTM, The Ontario Lidar Digital Terrain Model (DTM) Land Information Ontario (LIO) Dataset.

LICENSED PROFESSIONAL ENGINEER K.T.C. POWER 100130652 Oct. 04, 2024 PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER D. STASEFF Oct. 04, 2024 PROVINCE OF ONTARIO

NO.	DATE	BY	REVISION
.	.	.	.

Geocres No. 31C03-004

HWY. 401	PROJECT NO. 20148061B		DIST. EASTERN
SUBM'D. BW	CHKD. BW/KCP	DATE: 10/3/2024	SITE: 11X-0164/B0
DRAWN: ZS/SA	CHKD. KCP	APPD. DS	DWG. 2

PLOT DATE: October 3, 2024
FILENAME: S:\Clients\MTO\Hwy_401_Belleville\06_PROJ\20148061B\45_PROD\0007_CNR_Overpass\20148061B-0007-BG-0002.dwg