

Altezza 1: 200

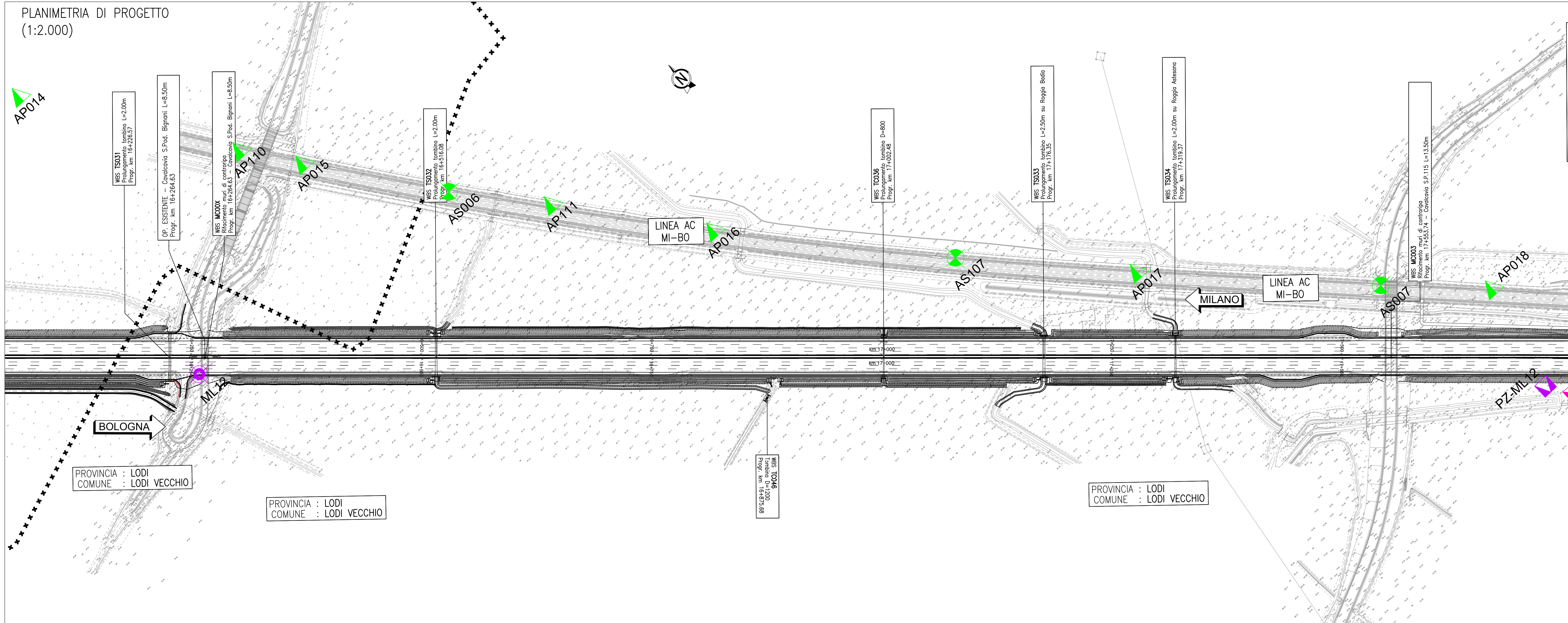
Technical drawing showing a cross-section of a road or railway track. The drawing includes various points (P014, ML12, AP110, AP015, AP111, AP016, AS107, AP017, AS007, AP018, PZ-M12) and their corresponding elevations and distances. The drawing is oriented vertically with a north arrow pointing upwards.

Key points and their data:

- P014: [p.c.] [182m Sx]
- ML12: [82.05m] [19m Dx]
- AP110: [p.c.] [223m Sx]
- AP015: [p.c.] [209m Sx]
- AP111: [p.c.] [165m Sx]
- AP016: [p.c.] [136m Sx]
- AS107: [p.c.] [107m Sx]
- AP017: [p.c.] [91m Sx]
- AS007: [p.c.] [77m Sx]
- AP018: [p.c.] [73m Sx]
- PZ-M12: [81.40m] [32m Sx]

Other labels and data:

- WIS T5031: [p.c.] [182m Sx]
- WIS T5032: [p.c.] [182m Sx]
- WIS T5033: [p.c.] [182m Sx]
- WIS T5034: [p.c.] [182m Sx]
- WIS T5035: [p.c.] [182m Sx]
- WIS T5036: [p.c.] [182m Sx]
- WIS T5037: [p.c.] [182m Sx]
- WIS T5038: [p.c.] [182m Sx]
- WIS T5039: [p.c.] [182m Sx]
- WIS T5040: [p.c.] [182m Sx]
- WIS T5041: [p.c.] [182m Sx]
- WIS T5042: [p.c.] [182m Sx]
- WIS T5043: [p.c.] [182m Sx]
- WIS T5044: [p.c.] [182m Sx]
- WIS T5045: [p.c.] [182m Sx]
- WIS T5046: [p.c.] [182m Sx]
- WIS T5047: [p.c.] [182m Sx]
- WIS T5048: [p.c.] [182m Sx]
- WIS T5049: [p.c.] [182m Sx]
- WIS T5050: [p.c.] [182m Sx]
- WIS T5051: [p.c.] [182m Sx]
- WIS T5052: [p.c.] [182m Sx]
- WIS T5053: [p.c.] [182m Sx]
- WIS T5054: [p.c.] [182m Sx]
- WIS T5055: [p.c.] [182m Sx]
- WIS T5056: [p.c.] [182m Sx]
- WIS T5057: [p.c.] [182m Sx]
- WIS T5058: [p.c.] [182m Sx]
- WIS T5059: [p.c.] [182m Sx]
- WIS T5060: [p.c.] [182m Sx]
- WIS T5061: [p.c.] [182m Sx]
- WIS T5062: [p.c.] [182m Sx]
- WIS T5063: [p.c.] [182m Sx]
- WIS T5064: [p.c.] [182m Sx]
- WIS T5065: [p.c.] [182m Sx]
- WIS T5066: [p.c.] [182m Sx]
- WIS T5067: [p.c.] [182m Sx]
- WIS T5068: [p.c.] [182m Sx]
- WIS T5069: [p.c.] [182m Sx]
- WIS T5070: [p.c.] [182m Sx]
- WIS T5071: [p.c.] [182m Sx]
- WIS T5072: [p.c.] [182m Sx]
- WIS T5073: [p.c.] [182m Sx]
- WIS T5074: [p.c.] [182m Sx]
- WIS T5075: [p.c.] [182m Sx]
- WIS T5076: [p.c.] [182m Sx]
- WIS T5077: [p.c.] [182m Sx]
- WIS T5078: [p.c.] [182m Sx]
- WIS T5079: [p.c.] [182m Sx]
- WIS T5080: [p.c.] [182m Sx]
- WIS T5081: [p.c.] [182m Sx]
- WIS T5082: [p.c.] [182m Sx]
- WIS T5083: [p.c.] [182m Sx]
- WIS T5084: [p.c.] [182m Sx]
- WIS T5085: [p.c.] [182m Sx]
- WIS T5086: [p.c.] [182m Sx]
- WIS T5087: [p.c.] [182m Sx]
- WIS T5088: [p.c.] [182m Sx]
- WIS T5089: [p.c.] [182m Sx]
- WIS T5090: [p.c.] [182m Sx]
- WIS T5091: [p.c.] [182m Sx]
- WIS T5092: [p.c.] [182m Sx]
- WIS T5093: [p.c.] [182m Sx]
- WIS T5094: [p.c.] [182m Sx]
- WIS T5095: [p.c.] [182m Sx]
- WIS T5096: [p.c.] [182m Sx]
- WIS T5097: [p.c.] [182m Sx]
- WIS T5098: [p.c.] [182m Sx]
- WIS T5099: [p.c.] [182m Sx]
- WIS T5100: [p.c.] [182m Sx]
- WIS T5101: [p.c.] [182m Sx]
- WIS T5102: [p.c.] [182m Sx]
- WIS T5103: [p.c.] [182m Sx]
- WIS T5104: [p.c.] [182m Sx]
- WIS T5105: [p.c.] [182m Sx]
- WIS T5106: [p.c.] [182m Sx]
- WIS T5107: [p.c.] [182m Sx]
- WIS T5108: [p.c.] [182m Sx]
- WIS T5109: [p.c.] [182m Sx]
- WIS T5110: [p.c.] [182m Sx]
- WIS T5111: [p.c.] [182m Sx]
- WIS T5112: [p.c.] [182m Sx]
- WIS T5113: [p.c.] [182m Sx]
- WIS T5114: [p.c.] [182m Sx]
- WIS T5115: [p.c.] [182m Sx]
- WIS T5116: [p.c.] [182m Sx]
- WIS T5117: [p.c.] [182m Sx]
- WIS T5118: [p.c.] [182m Sx]
- WIS T5119: [p.c.] [182m Sx]
- WIS T5120: [p.c.] [182m Sx]
- WIS T5121: [p.c.] [182m Sx]
- WIS T5122: [p.c.] [182m Sx]
- WIS T5123: [p.c.] [182m Sx]
- WIS T5124: [p.c.] [182m Sx]
- WIS T5125: [p.c.] [182m Sx]
- WIS T5126: [p.c.] [182m Sx]
- WIS T5127: [p.c.] [182m Sx]
- WIS T5128: [p.c.] [182m Sx]
- WIS T5129: [p.c.] [182m Sx]
- WIS T5130: [p.c.] [182m Sx]
- WIS T5131: [p.c.] [182m Sx]
- WIS T5132: [p.c.] [182m Sx]
- WIS T5133: [p.c.] [182m Sx]
- WIS T5134: [p.c.] [182m Sx]
- WIS T5135: [p.c.] [182m Sx]
- WIS T5136: [p.c.] [182m Sx]
- WIS T5137: [p.c.] [182m Sx]
- WIS T5138: [p.c.] [182m Sx]
- WIS T5139: [p.c.] [182m Sx]
- WIS T5140: [p.c.] [182m Sx]
- WIS T5141: [p.c.] [182m Sx]
- WIS T5142: [p.c.] [182m Sx]
- WIS T5143: [p.c.] [182m Sx]
- WIS T5144: [p.c.] [182m Sx]
- WIS T5145: [p.c.] [182m Sx]
- WIS T5146: [p.c.] [182m Sx]
- WIS T5147: [p.c.] [182m Sx]
- WIS T5148: [p.c.] [182m Sx]
- WIS T5149: [p.c.] [182m Sx]
- WIS T5150: [p.c.] [182m Sx]
- WIS T5151: [p.c.] [182m Sx]
- WIS T5152: [p.c.] [182m Sx]
- WIS T5153: [p.c.] [182m Sx]
- WIS T5154: [p.c.] [182m Sx]
- WIS T5155: [p.c.] [182m Sx]
- WIS T5156: [p.c.] [182m Sx]
- WIS T5157: [p.c.] [182m Sx]
- WIS T5158: [p.c.] [182m Sx]
- WIS T5159: [p.c.] [182m Sx]
- WIS T5160: [p.c.] [182m Sx]
- WIS T5161: [p.c.] [182m Sx]
- WIS T5162: [p.c.] [182m Sx]
- WIS T5163: [p.c.] [182m Sx]
- WIS T5164: [p.c.] [182m Sx]
- WIS T5165: [p.c.] [182m Sx]
- WIS T5166: [p.c.] [182m Sx]
- WIS T5167: [p.c.] [182m Sx]
- WIS T5168: [p.c.] [182m Sx]
- WIS T5169: [p.c.] [182m Sx]
- WIS T5170: [p.c.] [182m Sx]
- WIS T5171: [p.c.] [182m Sx]
- WIS T5172: [p.c.] [182m Sx]
- WIS T5173: [p.c.] [182m Sx]
- WIS T5174: [p.c.] [182m Sx]
- WIS T5175: [p.c.] [182m Sx]
- WIS T5176: [p.c.] [182m Sx]
- WIS T5177: [p.c.] [182m Sx]
- WIS T5178: [p.c.] [182m Sx]
- WIS T5179: [p.c.] [182m Sx]
- WIS T5



Campagna d'indagine	Sondaggi a carotaggio continuo	Pozzetti esplorativi	DPSH	CPT
Indagini pregresse - Società italiana per le strade ferrate del Mediterraneo ()	S1			
Indagini pregresse - Progetto esecutivo II corsia e Ampliamento Barriera Milano Sud (1973-1987)	S1	Pz1		P4
Indagini pregresse - Progetto preliminare Tangenziale Est Esterna (2003)	S1			
Indagini pregresse - Area di servizio S. Zenone Nord e Sud (2004)...	PM5			
Indagini bibliografiche da CEPAV UNO	AS001			AP001
Indagini tem (progetto definitivo, 2009)	LS-S1	L5-PZ	L5-DPSH	
Indagini tem (progetto esecutivo, 2011)	SC1	PZ C1		
Campagna d'indagine progetto definitivo (2010)	ML1	PZ-ML1	DPSH-ML1	
Campagna d'indagine progetto esecutivo (2017)	SE1	PZE1		

SA

D880-1
(15m D4)

Quota (m s.l.m.)
Posizione rispetto all'asse autostradale

Descrizione schematica del terreno

CLASSI BASALI
R=materiali di RIPORTO
V=TERRENO VEGETALE
C=ciottoli
S=SABBA
L=LIMO
A=ARILLA

CLASSE INTERNE TERRENI

5	10	25	50	100
5	termini A4	esempio		
10	-25	-50	-100	S+sobble a fine
25	-50	-100	-150	S+sobble con limo
50	-100	-150	-200	S+sobble limo
100	-150	-200	-250	5 deb. -oso S+sobble del limo

ALTRETTRE E INTEGRAZIONI

5/10 = differenza di quota e spesse
5/25 = sobble con interazioni di ghiaie
5/100 = sobble con livelli di ghiaie

PUNZINATO
Indice di livello di fondo stabilizzato rilevato:
1 = denso il terreno filtrato

RIFORMAZIONE
Indice di piano di glebamento secondo lo schema seguente:
1 = da 0,00 a 0,05 (0,10) (0,15) (0,20) (0,25) (0,30) (0,35) (0,40) (0,45) (0,50) (0,55) (0,60) (0,65) (0,70) (0,75) (0,80) (0,85) (0,90) (0,95) (1,00)

The figure consists of two vertical diagrams side-by-side, labeled 'CPTU' on the left and 'DPSH' on the right. Both diagrams represent a vertical cross-section of a soil profile with depth on the vertical axis. The vertical axis for both is labeled 'Profondità (rispetto a p.c.)' at the bottom. The horizontal axis for both has several labels at the top: 'Identificazione prova' (pointing to a box), 'Quota (in m s.l.m.)' (pointing to a box), and 'Posizione rispetto all'asse autostradale' (pointing to a box). The CPTU diagram has a horizontal axis labeled 'Valore della resistenza alla punta' (pointing to a box) and a vertical axis labeled 'CPTU'. The DPSH diagram has a horizontal axis labeled 'Valore del numero di colpi' (pointing to a box) and a vertical axis labeled 'DPSH'. Both diagrams show a series of data points connected by lines, representing the profile of the soil. The CPTU diagram shows a more complex profile with multiple peaks and valleys, while the DPSH diagram shows a simpler profile with a single peak and valley.

_____	PROFILO PROGETTO IN ASSE	R/V	TERRENO DI RIFORTO E/O TERRENO VEGETALE
_____	PIANO CAMPAGNA IN SX	A	ARGILLA UMIDA E LIMO ARGILLOSO
_____	PIANO CAMPAGNA IN DX	B	LIMO SABBOSO E SABBIA UMIDA GENERALMENTE POCO ADDESSATA ($\geq 45-55$)
	_____	C ₁	SABBIA DA FINE A MEDIA, MEDIANAMENTE ADDESSATA ($\geq 55-65$)
_____	_____	C ₂	SABBIA DA FINE A GROSSOLANA, DA ADDESSATA A MOLTO ADDESSATA ($\geq 65-85$)
_____	_____	D	GHIAIA SABBIOSA E SABBIA CON GHIAIA

AMPLIAMENTO ALLA QUARTA CORSIA
DEL TRATTO MILANO SUD (Tang. Ovest) - LODI

DG - DOCUMENTAZIONE GENERALE

Planimetrie e profili geotecnici

Planimetria e profilo geotecnico

ECALISTICO	IL RESPONSABILE INTEGRAZIONE	IL DIR
------------	------------------------------	--------

[illegible]

ISTITUTO ITALIANO DELLO STUDIO E DELL'AMBIENTE	VISTO DEL COMMITTENTE autostrade//per l'Italia IL RESPONSABILE UNICO DEL PROCEDIMENTO ing. Stefano Storti	VISTO DEL CONCEDENTE  Ministero delle Infrastrutture e dei Trasporti DEPARTAMENTO DEI TRASPORTI E DELL'AMBIENTE, L'AMBITO GENERALE DEL PERSONALE E DEI SERVIZI DI SUPPORTO E DELL'INTELLIGENZA E DEI SERVIZI DI COORDINAMENTO AMMINISTRATIVO
--	---	--