



COMMISSARIO DELEGATO PER L'EMERGENZA
 DETERMINATASI NEL SETTORE DEL TRAFFICO E DELLA MOBILITÀ NEL
 TERRITORIO DELLE PROVINCE DI TREVISO E VICENZA

SUPERSTRADA A PEDAGGIO PEDEMONTANA VENETA

CONCESSIONARIO



SPV srl
 Via Invorio, 24/A
 10146 Torino

Società di progetto ai sensi dell'art. 156 D.LGS 163/06
 subentrato all'ATI



PROGETTISTA



SIPAL S.p.A.
 Via Invorio, 24/A
 10146 Torino

SIPAL S.p.A. S.p.A.
 SOCIETÀ DI INGEGNERIA
 PER ASSISTENZA LOGISTICA
 VIA INVORIO N. 24/A
 10146 TORINO

RESPONSABILE PROGETTAZIONE



**ORDINE DEGLI INGEGNERI
 DELLA PROVINCIA DI CUNEO**
 1211 *Dott. Ing. Claudio Dogliani*

RESPONSABILE INTEGRAZIONE PRESTAZIONI SPECIALISTICHE



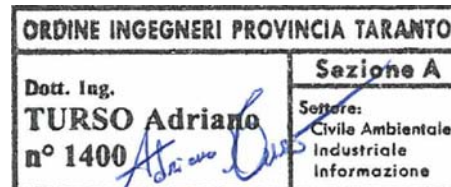
SUPPORTO ALLA PROGETTAZIONE DELL'INFRASTRUTTURA E DELLE OPERE CIVILI



COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE



GEOLOGO



N. Progr. _____
 Carrella N. _____

PROGETTO DEFINITIVO
 (C.U.P. H51B03000050009)

LOTTO 3 - TRATTA "C"
 Dal Km. 74+075 al Km 75+625

TITOLO ELABORATO:

**PROGETTO DELL'INFRASTRUTTURA
 DEMOLIZIONI OPERE ESISTENTI**
 Schede monografiche demolizioni

P V D D E G E G E 3 C 0 0 0 - 0 0 2 0 0 0 1 D A 0

SCALA: -

REV.	DESCRIZIONE	REDATTO	DATA	VERIFICATO	DATA	APPROVATO	DATA
0	PRIMA EMISSIONE	SIS	24/03/2014	SIPAL	26/03/2014	SIS	28/03/2014

IL RESPONSABILE DEL PROCEDIMENTO:

Ing. Giuseppe FASIOL

IL COMMISSARIO:

Ing. Silvano VERNIZZI

VALIDAZIONE:

PROTOCOLLO : _____

DEL: _____

- SPV

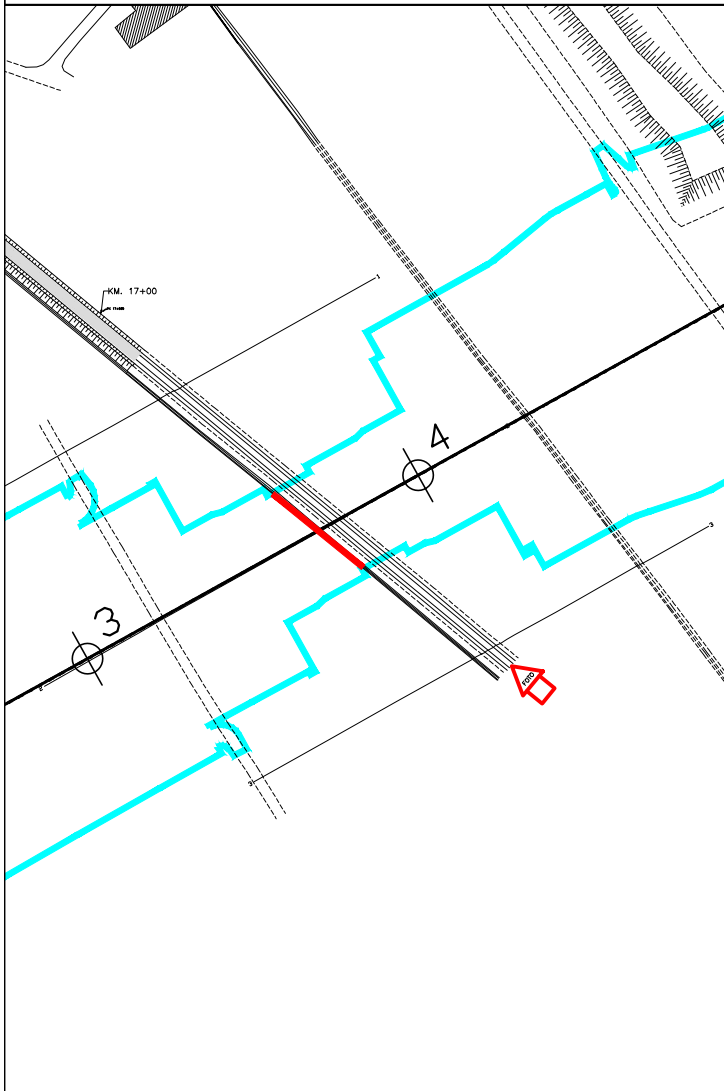
- VIABILITA' DI COLLEGAMENTO Viabilità Feltrina - S.P. 100

SPV

CANALETTA IN CLS LINEA RFI TREVISO - CALALZO al Km 74+370.20

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

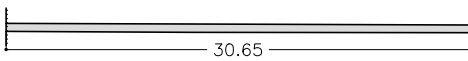


FOTO

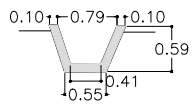


DETTAGLIO OPERA

PROSPETTO CANALE



SEZIONE TIPO

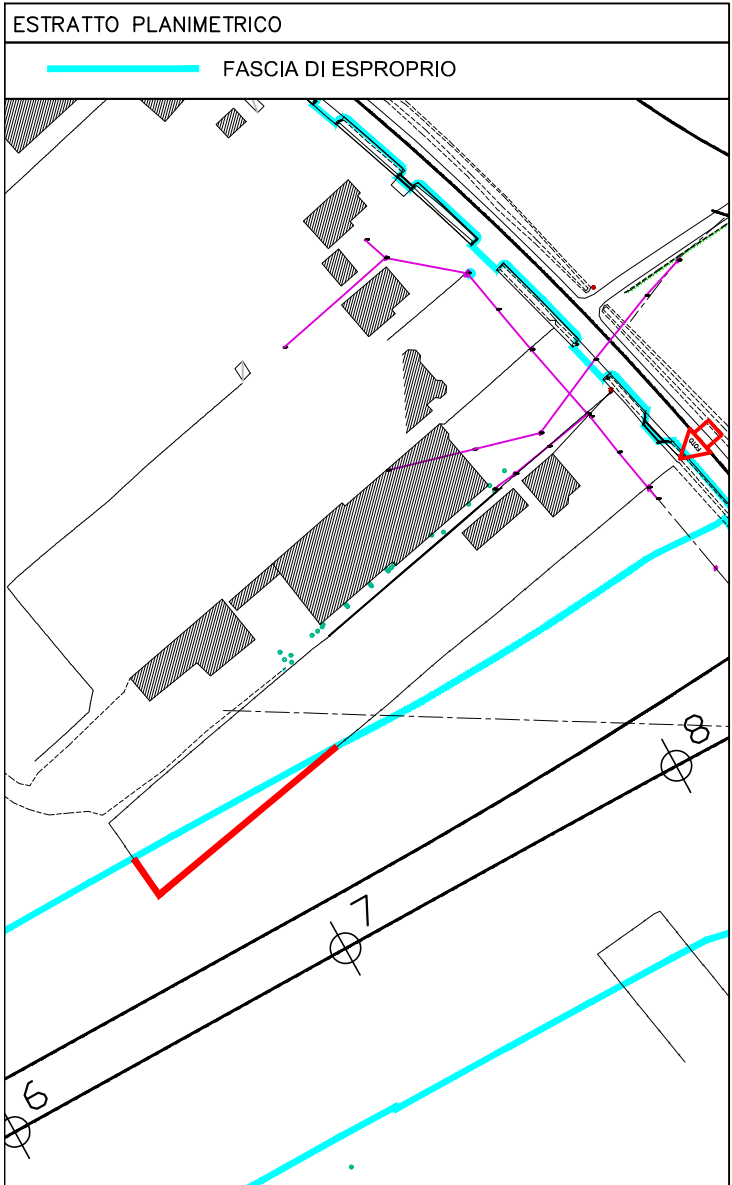


CANALETTA:

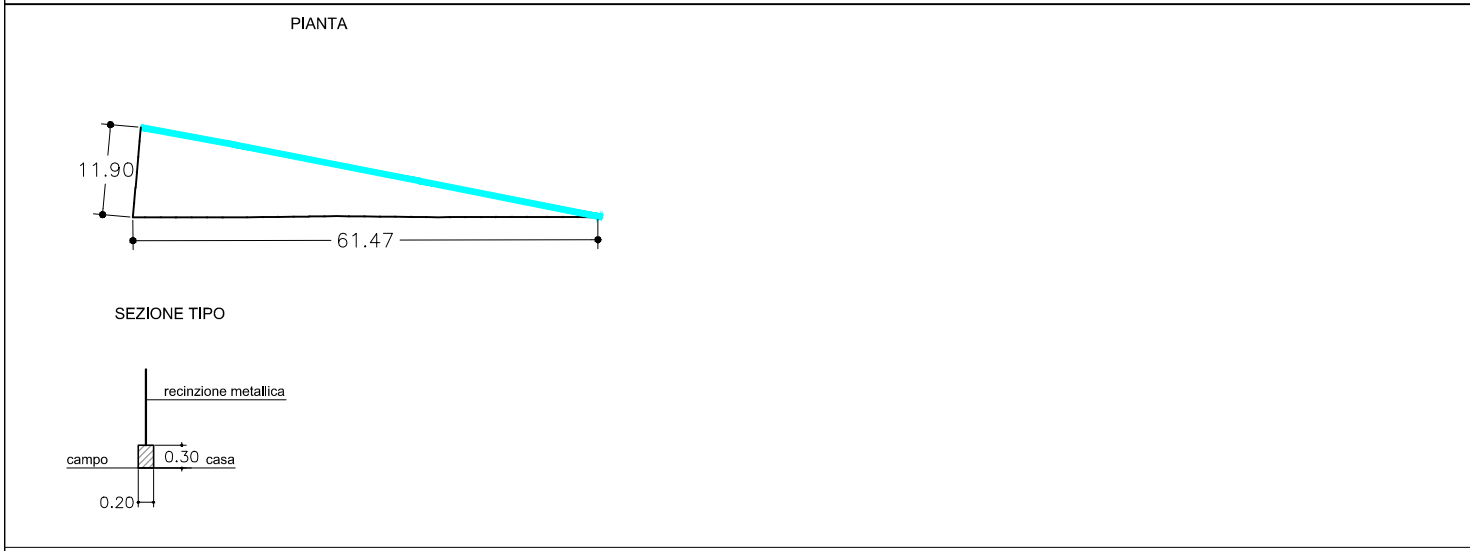
Area : 0.17 mq
Lunghezza : 30.65 m

VOLUME : $30.65 \times 0.17 = 5.21$ mc

CORDOLO IN CLS E RECINZIONE METALLICA dal Km 74+662.54 al Km 74+724.71



DETTAGLIO OPERA



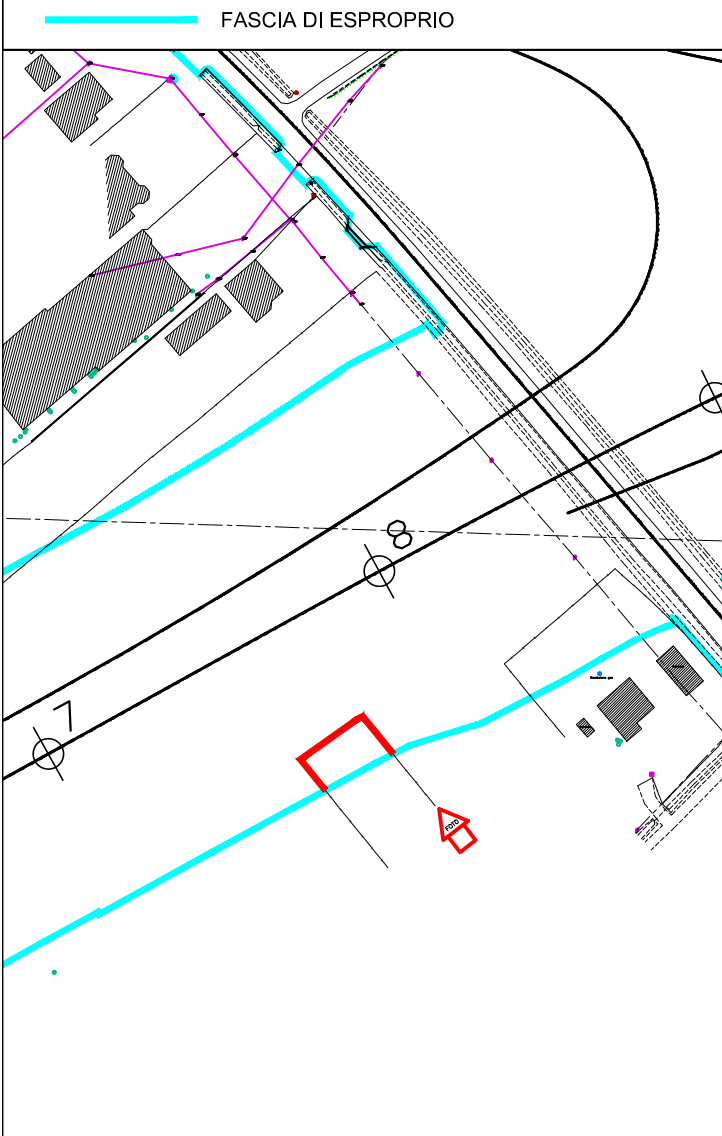
Lunghezza recinzione: $61.47 + 11.90 = 73.37$ m

Area : 0.06 mq
Lunghezza : 73.37 m

VOLUME : $73.37 \times 0.06 = 4.40$ mc

RECINZIONE METALLICA dal Km 74+757.69 al Km 74+777.74

ESTRATTO PLANIMETRICO

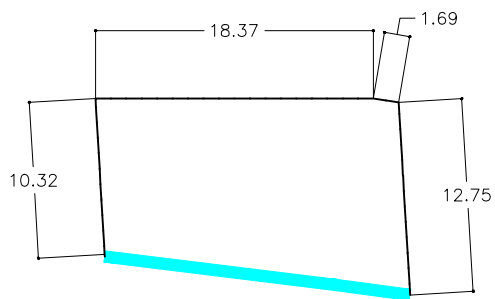


FOTO



DETTAGLIO OPERA

PIANTA

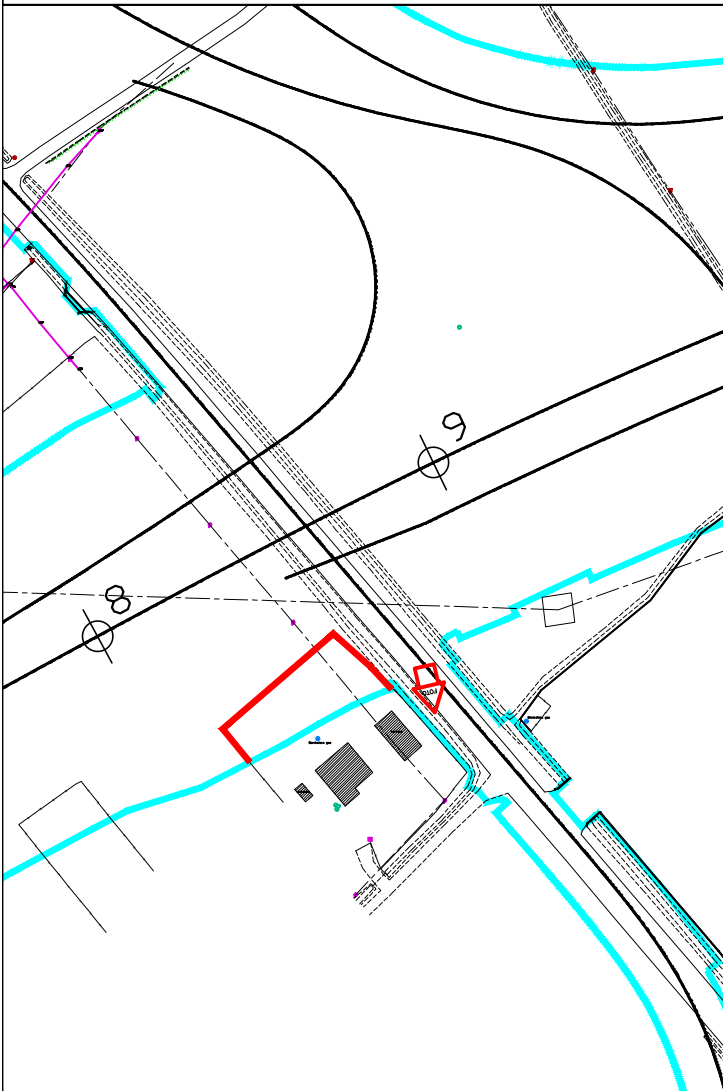


Lunghezza : $10.32 + 18.37 + 1.69 + 12.75 = 43.13$ ml

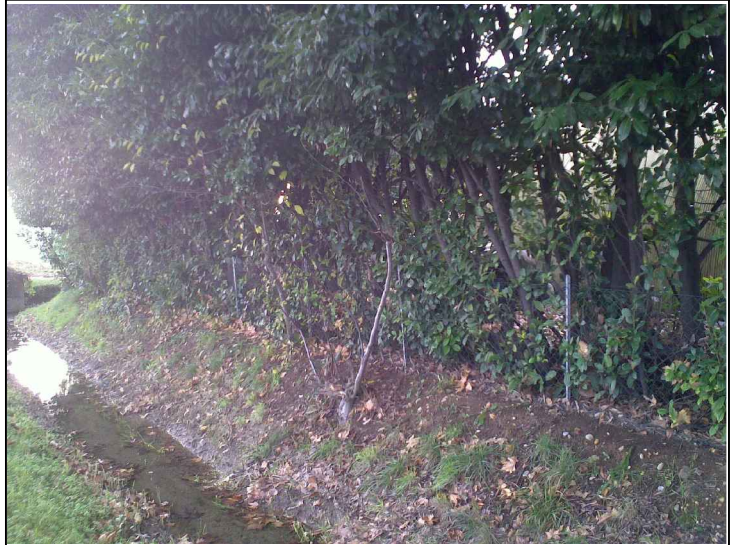
RECINZIONE METALLICA dal Km 74+818.39 al Km 74+860.83

ESTRATTO PLANIMETRICO

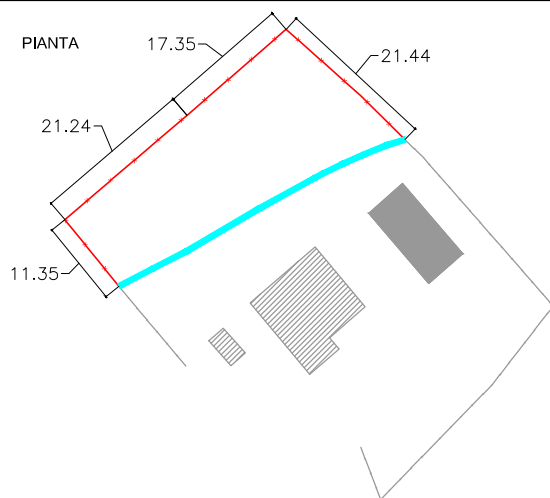
 FASCIA DI ESPROPRIO



FOTO



DETTAGLIO OPERA



Lunghezza recinzione: $11,35 + 21,24 + 17,35 + 21,44 = 71,38$ m

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

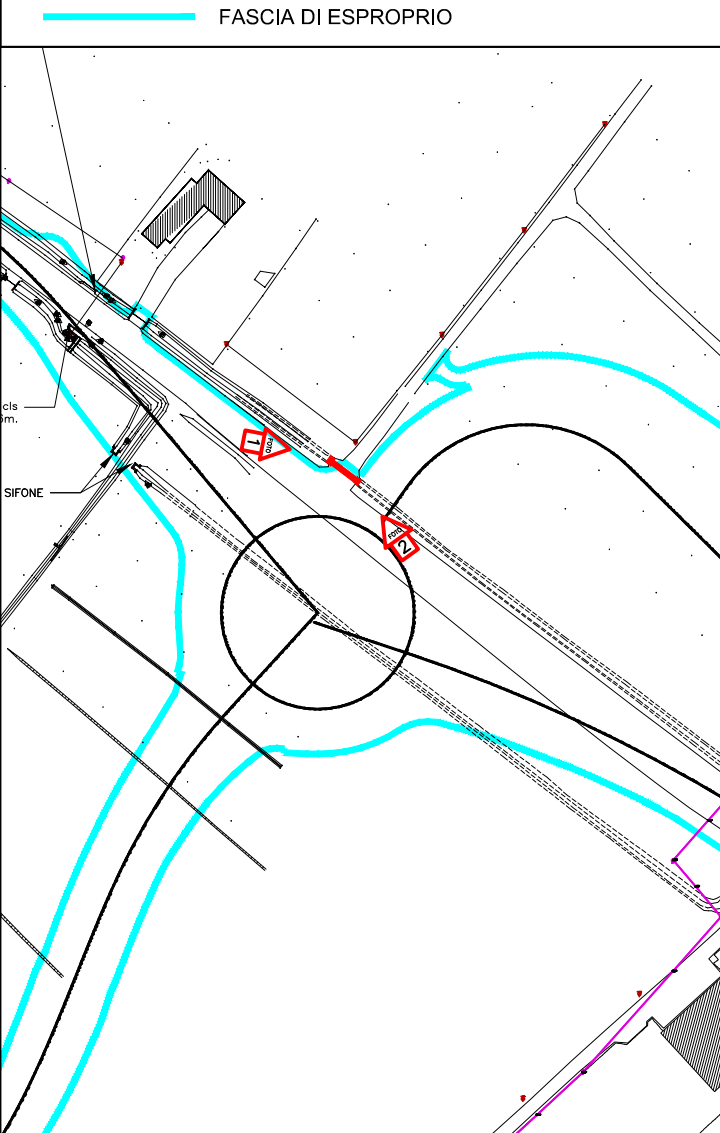
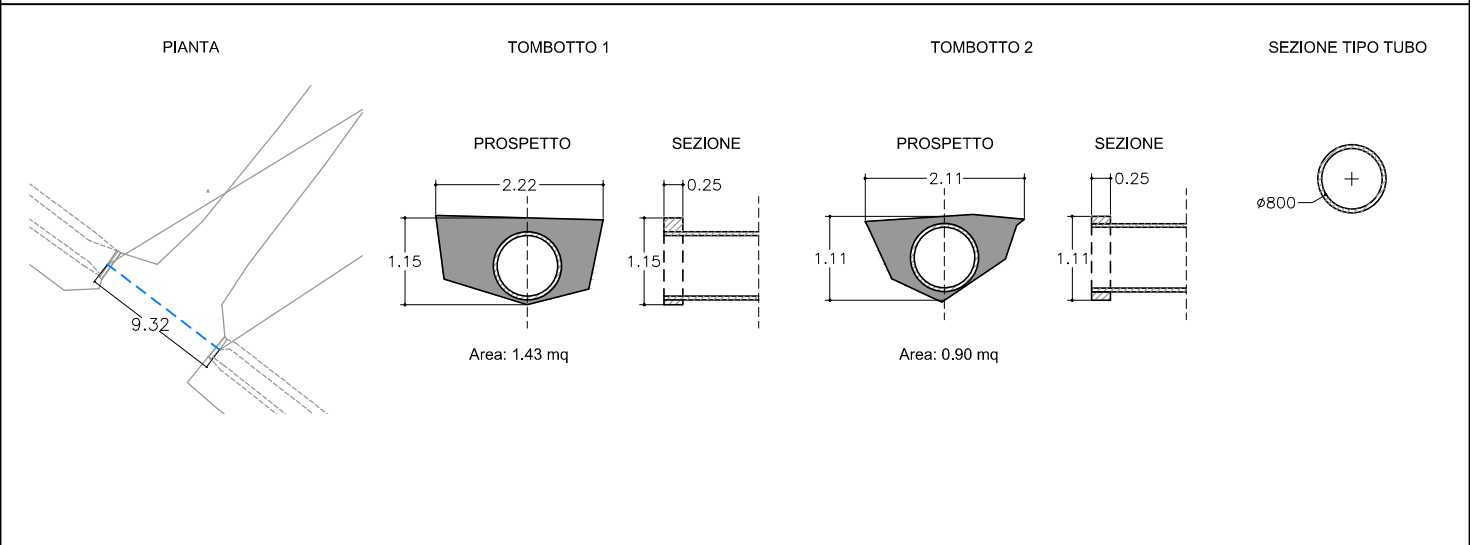


FOTO n°2



DETTAGLIO OPERA



Tombotto 1:

Tombotto 2:

Tubo Ø800:

Lunghezza : 9.32 m

Area : 1.43 mq

Spessore : 0.25 m

Area : 0.90 mq

Spessore : 0.25 m

VOLUME : $1.43 \times 0.25 = 0.3575$ mc

VOLUME : $0.90 \times 0.25 = 0.225$ mc

VOLUME TOT: $0.3575 + 0.225 = 0.5825$ mc

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

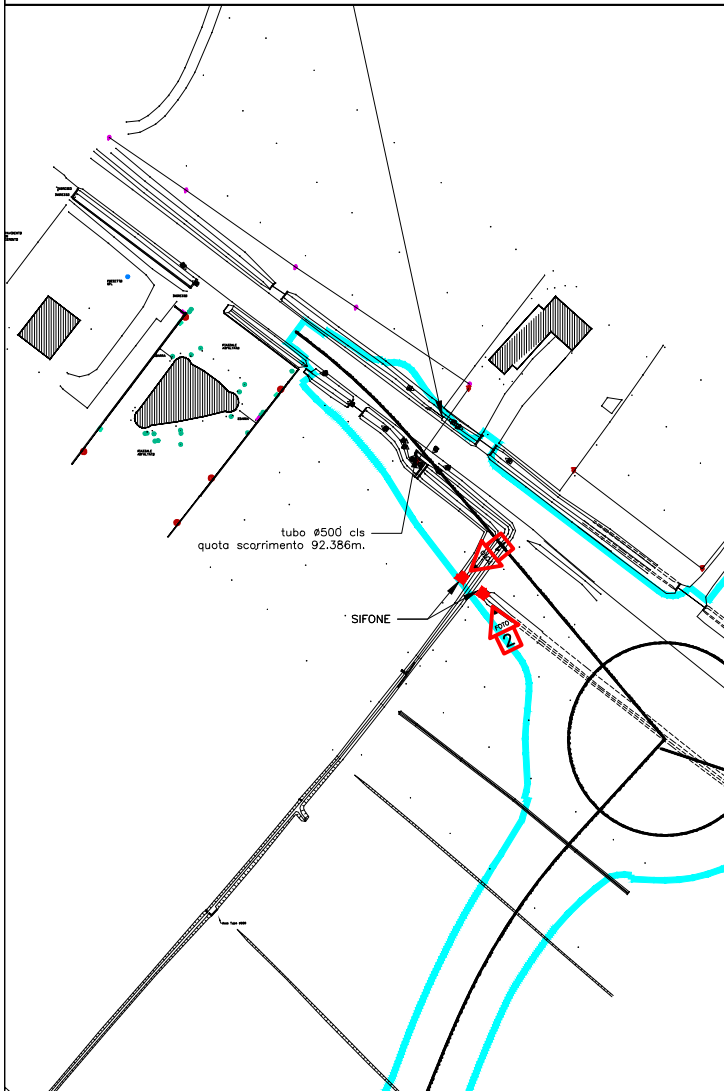


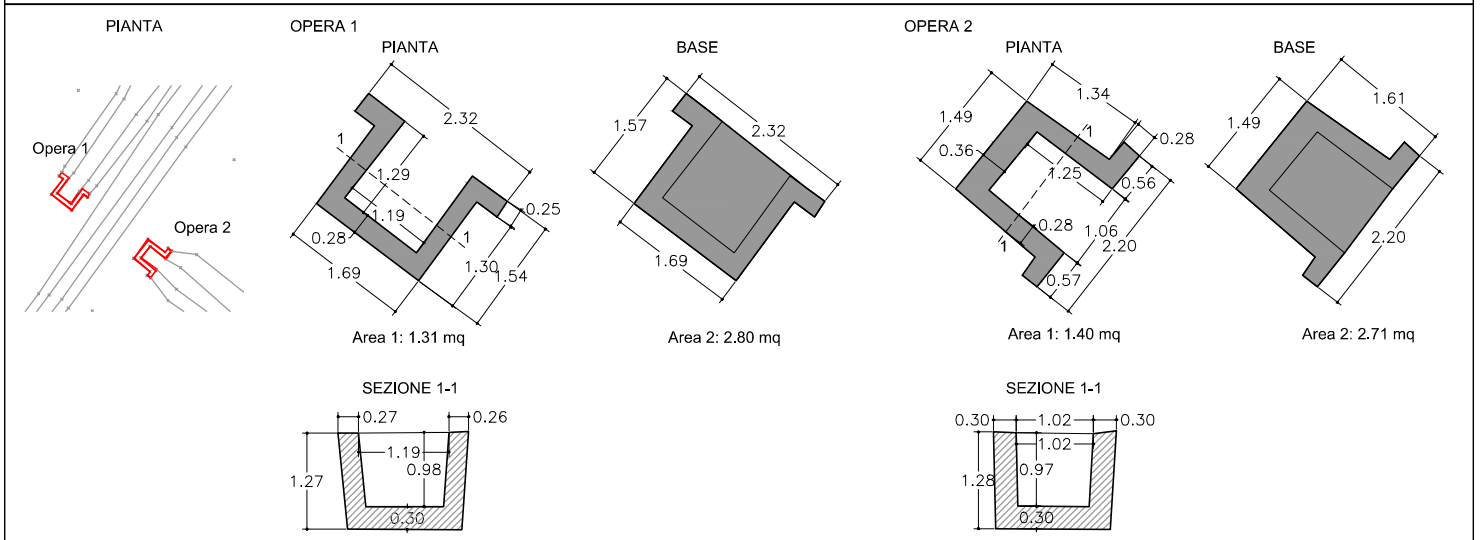
FOTO n.1



FOTO n.2



DETTAGLIO OPERA



Opera 1:
 Area 1: 1.31 mq
 Altezza : 0.30 m
 Area 2: 2.80 mq
 Altezza : 0.98 m

Opera 2:
 Area 1: 1.40 mq
 Altezza : 0.30 m
 Area 2: 2.71 mq
 Altezza : 0.97 m

VOLUME 1: $(2.80 \times 0.30) + (1.31 \times 0.98) = 2.124 \text{ mc}$

VOLUME 1: $(2.71 \times 0.30) + (1.40 \times 0.97) = 2.171 \text{ mc}$

VOLUME TOT: 4.295 mc

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

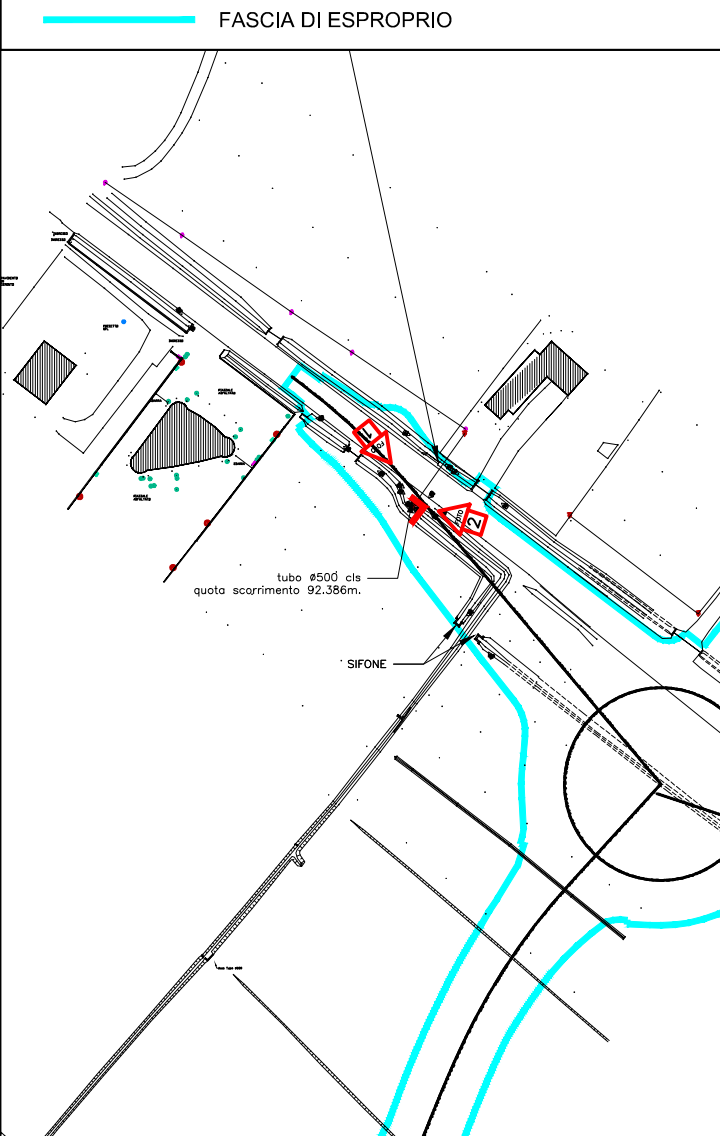


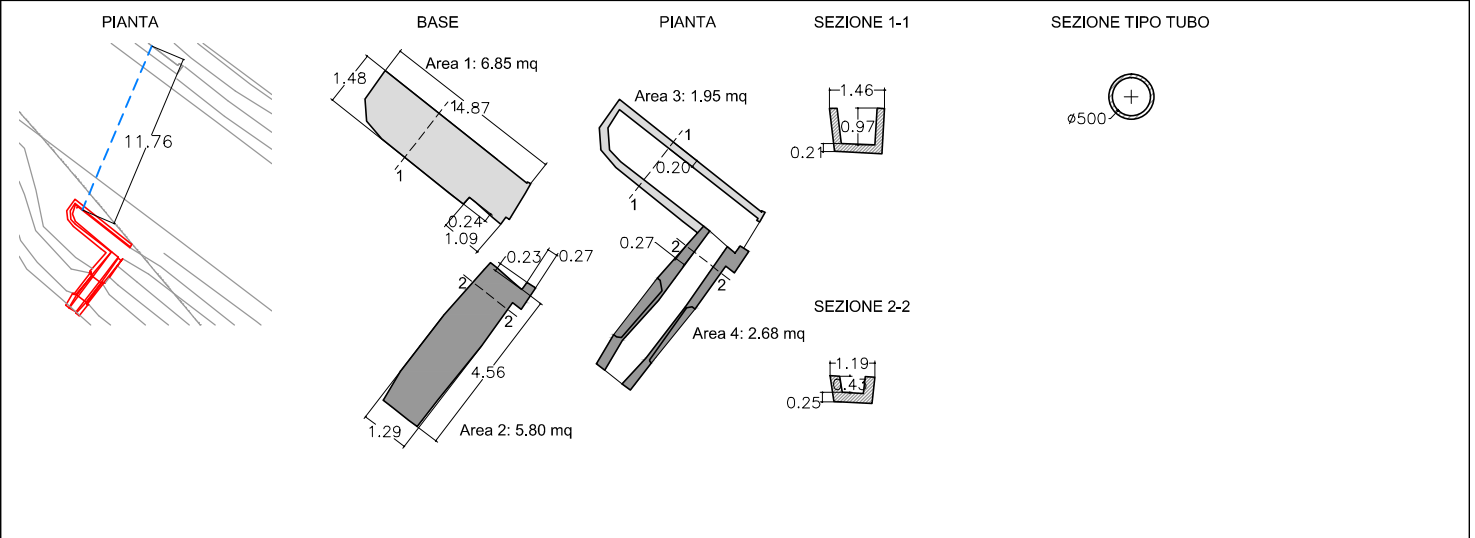
FOTO n.1



FOTO n.2



DETTAGLIO OPERA

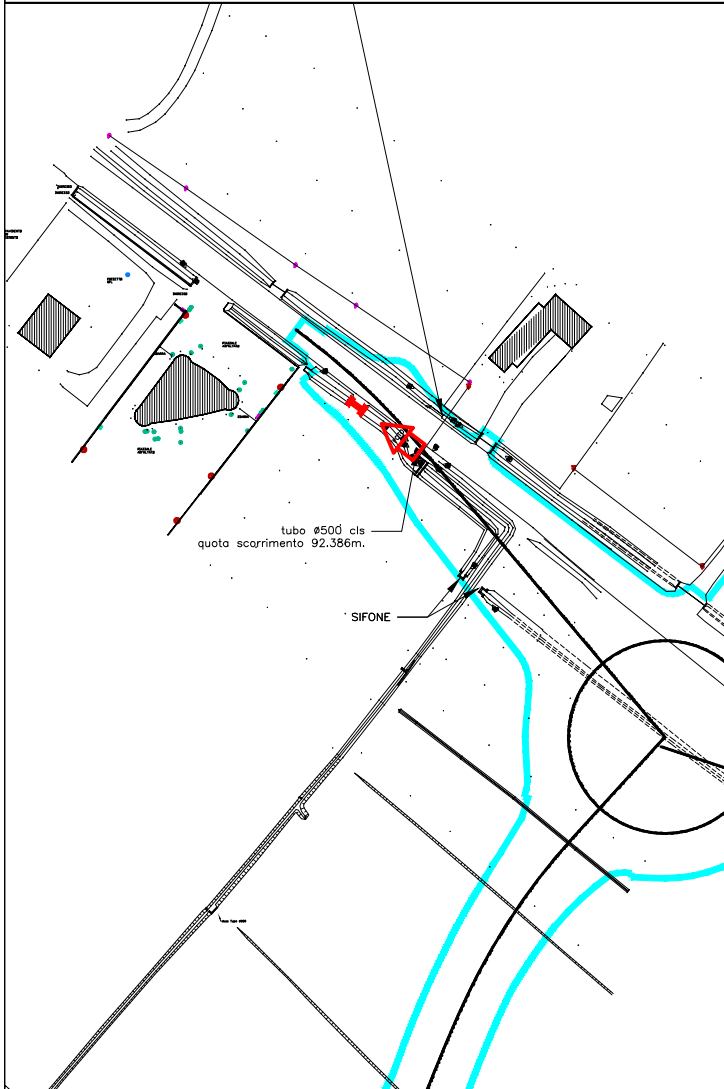


<p>Base :</p> <p>Area 1: 6.85 mq</p> <p>Area 2: 5.80 mq</p> <p>Altezza 1: 0.21 m</p> <p>Altezza 2: 0.25 m</p> <p>VOLUME 1: (6.85 X 0.21) + (5.80 x 0.25) = 2.89 mc</p>	<p>Opera :</p> <p>Area 3: 1.95 mq</p> <p>Area 4: 2.68 mq</p> <p>Altezza 3: 0.97 m</p> <p>Altezza 4: 0.43 m</p> <p>VOLUME 1: (1.95 X 0.97) + (2.68 x 0.43) = 3.04 mc</p>	<p>Tubo Ø500:</p> <p>Lunghezza : 11.76 m</p> <p>VOLUME TOT: 5.93 mc</p>
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OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

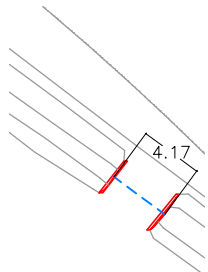


FOTO



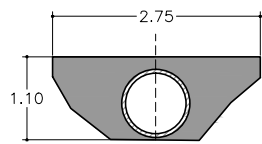
DETTAGLIO OPERA

PIANTA



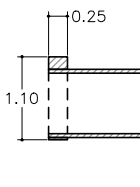
TOMBOTTO 1

PROSPETTO



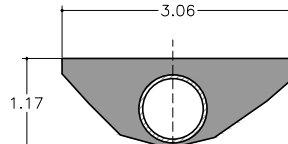
Area: 1.76 mq

SEZIONE



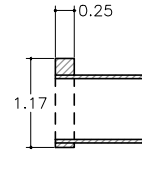
TOMBOTTO 2

PROSPETTO

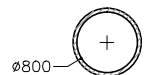


Area: 1.91 mq

SEZIONE



SEZIONE TIPO TUBO



Tombotto 1:

Area : 1.76 mq
Spessore : 0.25 m
VOLUME : 1.76 x 0.25 = 0.44 mc

Tombotto 2:

Area : 1.91 mq
Spessore : 0.25 m
VOLUME : 1.91 x 0.25 = 0.4775 mc

Tubo Ø800:

Lunghezza : 4.17 m

VOLUME TOT: 0.44 + 0.4775 = 0.9175 mc

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

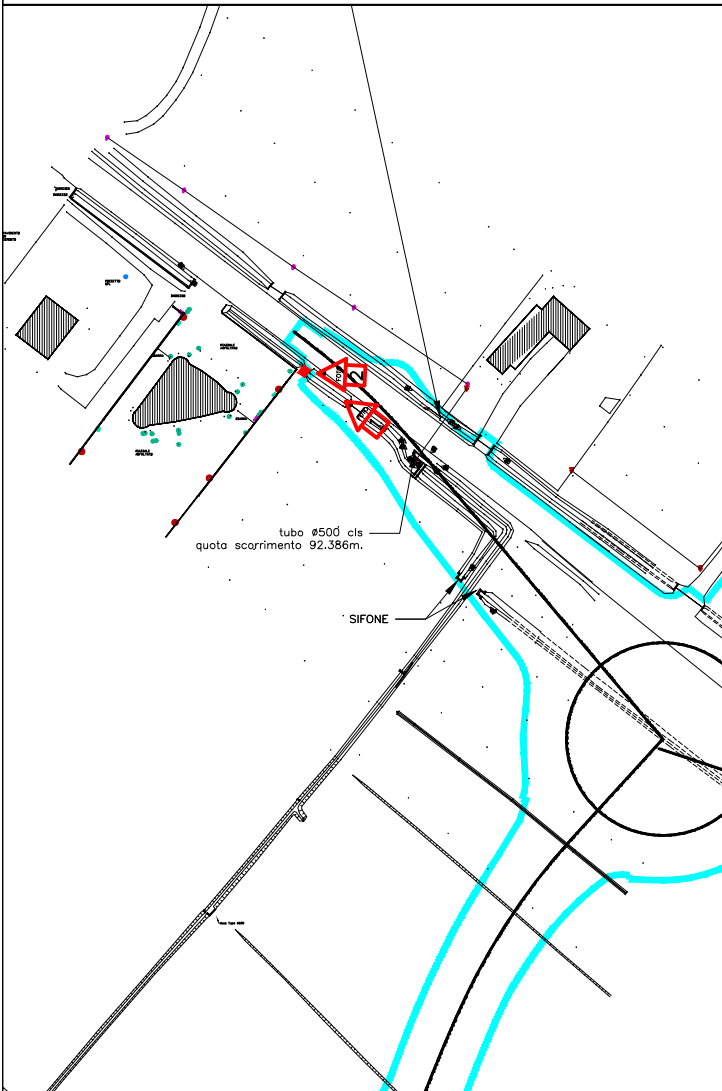


FOTO n.1

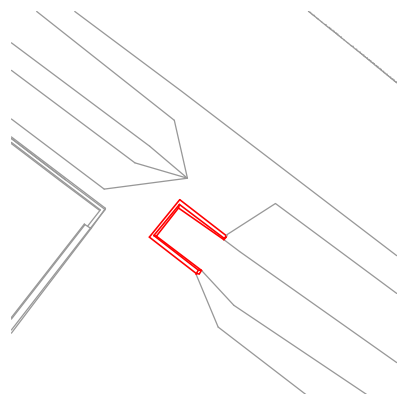


FOTO n.2



DETTAGLIO OPERA

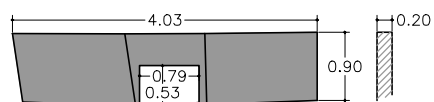
PIANTA



TOMBOTTO

PROSPETTO

SEZIONE



Area: 3.27 mq

Tombotto:

Area : 3.27 mq
Spessore : 0.20 m
VOLUME : $3.27 \times 0.20 = 0.654$ mc

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

FASCIA DI ESPROPRIO

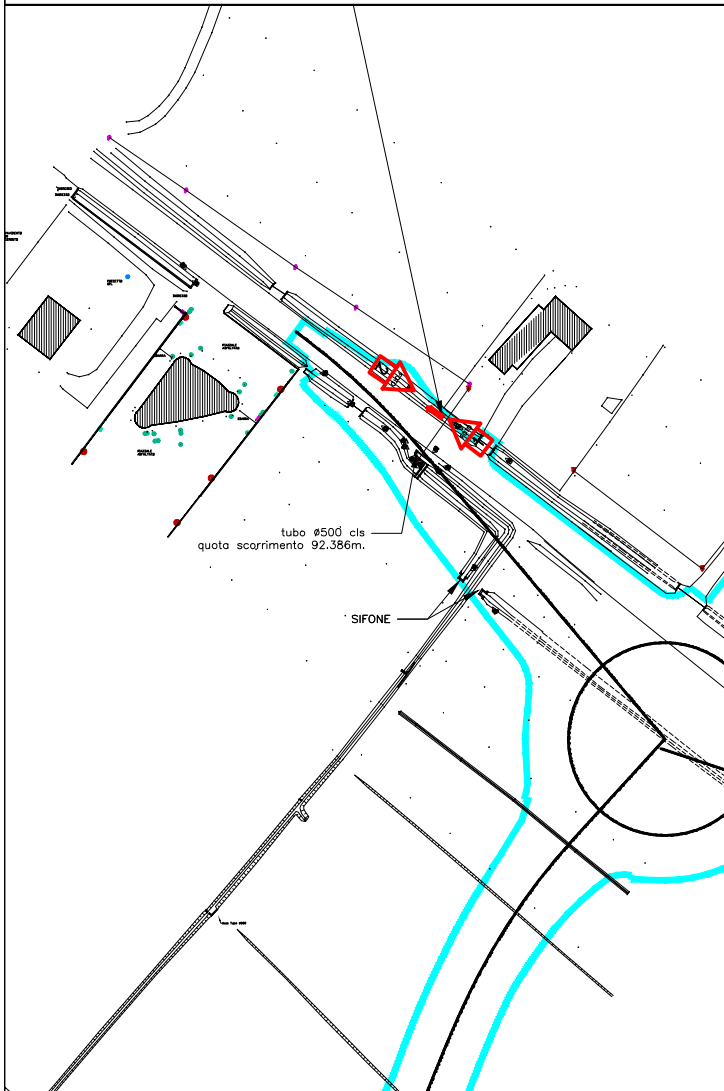


FOTO n.1



FOTO n.2



DETTAGLIO OPERA

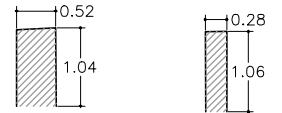
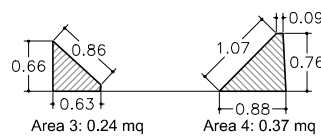
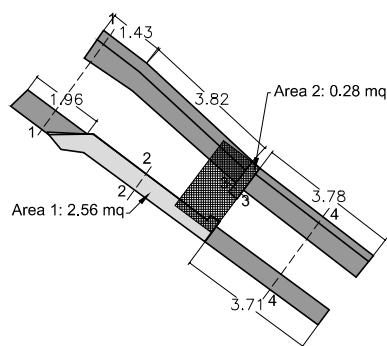
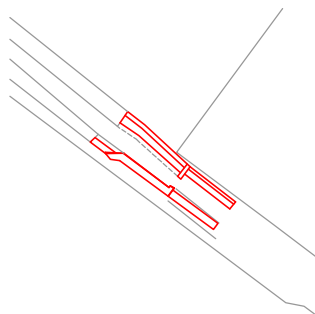
STRALCIO PLANIMETRICO

PIANTA

SEZIONE 1-1
SU SPONDE

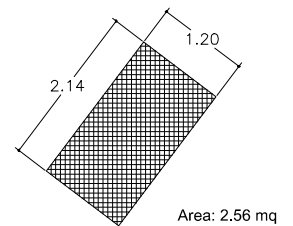
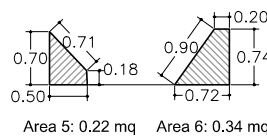
SEZIONE 2-2
SU MURETTI

SEZIONE 3-3
SU MURETTI



SEZIONE 4-4
SU SPONDE

GRIGLIATO



MURETTI:

Area 1: 2.56 mq
Altezza 1: 1.04 m
Area 2: 0.28 mq
Altezza 1: 1.06 m

SPONDE:

Area 3: 0.24 mq
Lunghezza 3: 1.96 m
Area 4: 0.37 mq
Lunghezza 4: 1.43+3.82 m
Area 5: 0.22 mq
Lunghezza 5: 3.71 m
Area 6: 0.34 mq
Lunghezza 6: 3.78 m

GRIGLIATO:

Area : 2.56 mq

VOLUME : (2.56 x 1.04) + (0.28 x 1.06) = 2.96 mc

VOLUME : (0.24 x 1.96) + (0.37 x 5.25) + (0.22 x 3.71) + (0.34 x 3.78) = 4.52 mc

VOLUME TOT: 7.48 mc

OPERE IDRAULICHE al Km 74+866.35

ESTRATTO PLANIMETRICO

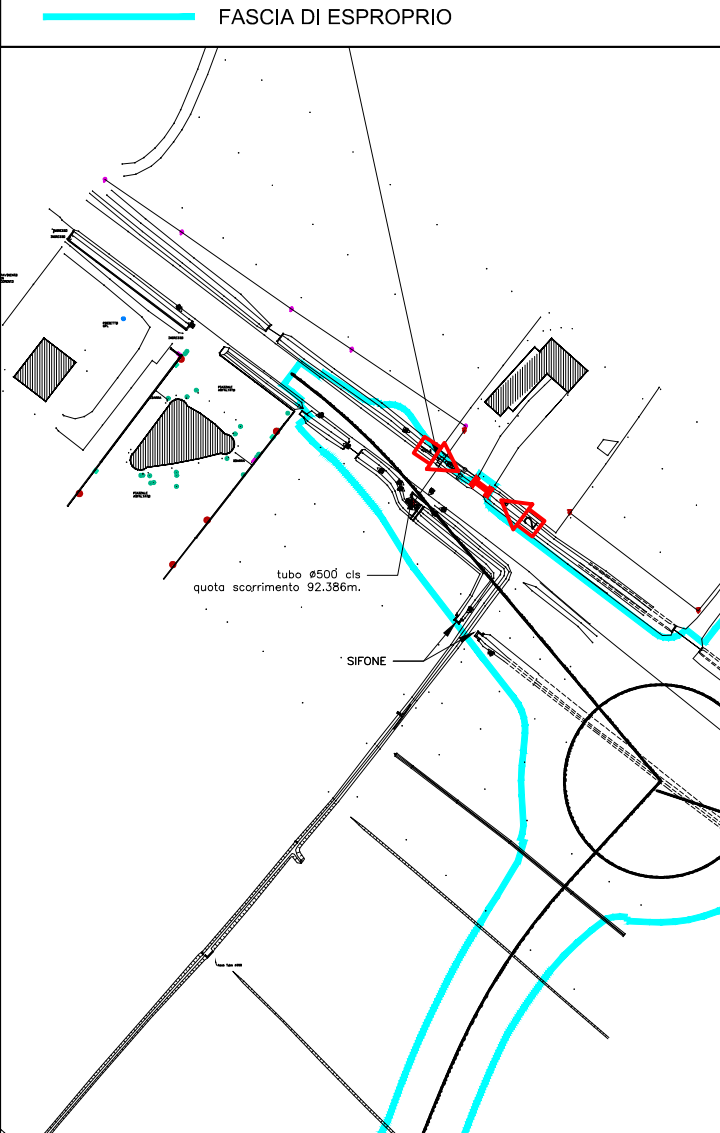


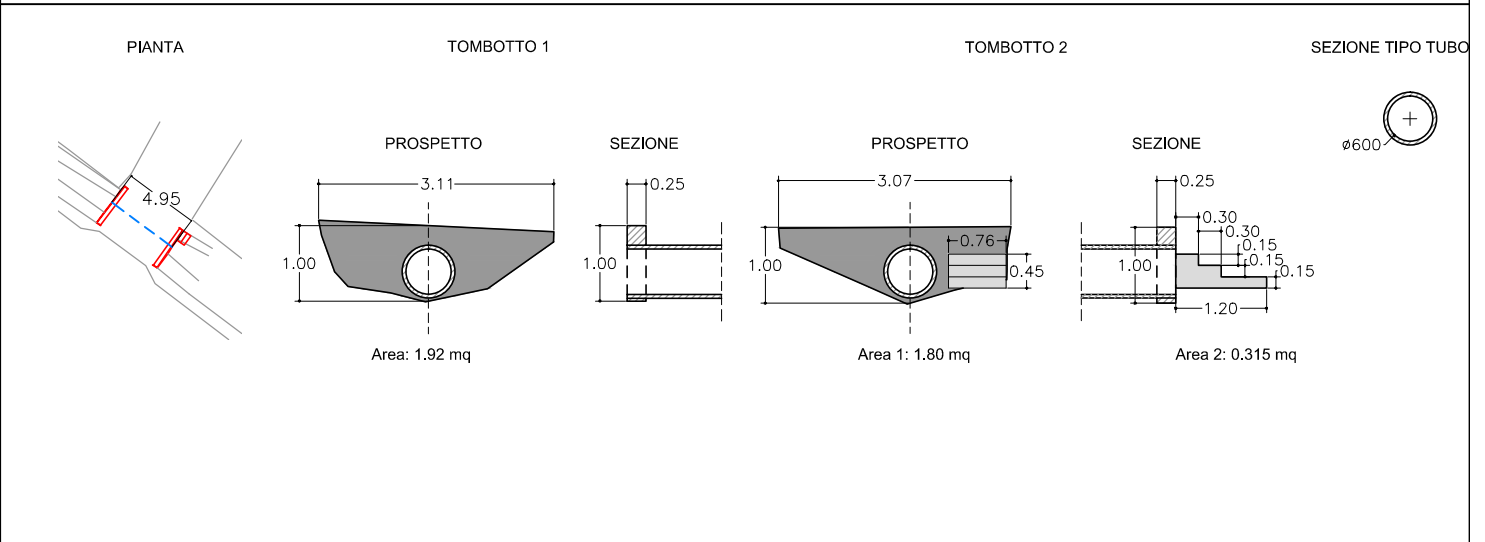
FOTO n.1



FOTO n.2



DETTAGLIO OPERA



Tombotto 1:

Area : 1.92 mq
Spessore : 0.25 m

VOLUME : $1.92 \times 0.25 = 0.48$ mc

Tombotto 2:

Area 1: 1.80 mq
Spessore : 0.25 m
Area 2: 0.315 mq
Lunghezza : 0.76 m

VOLUME : $(1.80 \times 0.25) + (0.315 \times 0.76) = 0.69$ mc

Tubo Ø600:

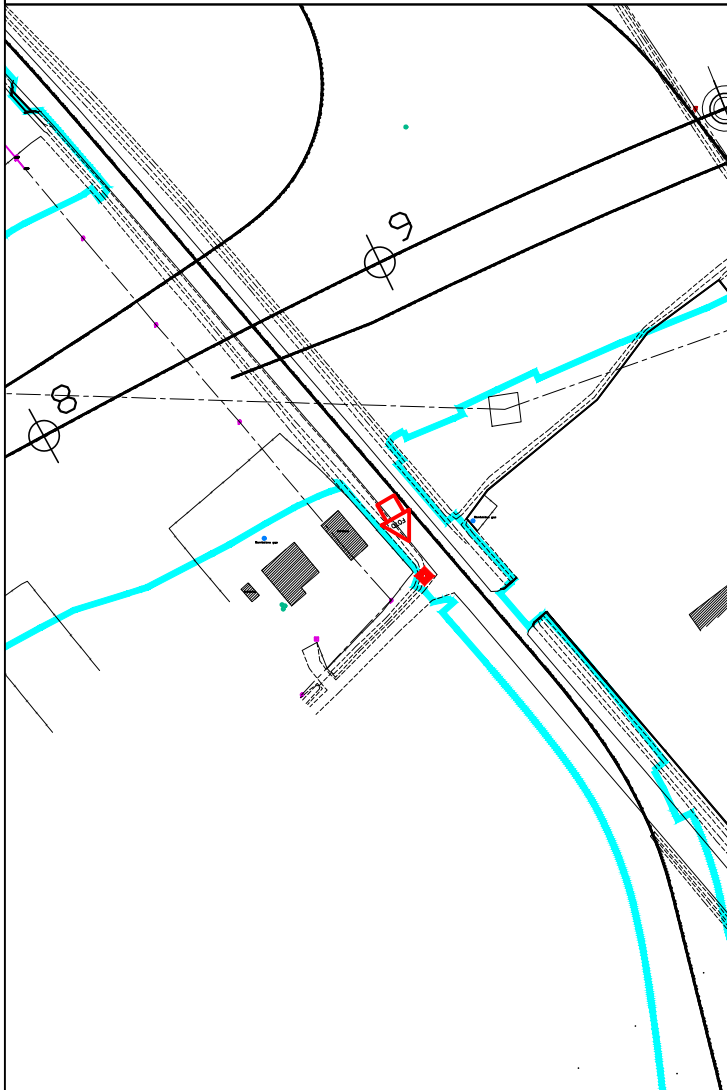
Lunghezza : 4.95 m

VOLUME TOT : 1.17 mc

BLOCCO IN CLS al Km 74+875.80

ESTRATTO PLANIMETRICO

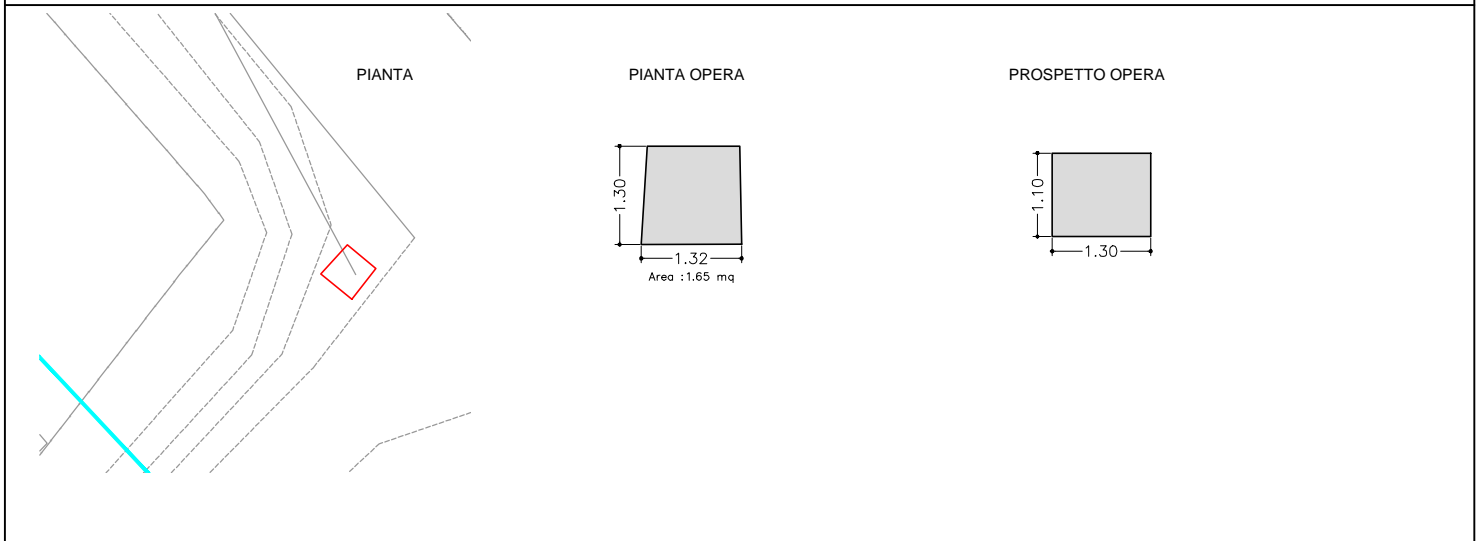
 FASCIA DI ESPROPRIO



FOTO



DETTAGLIO OPERA



BLOCCO IN CLS :

Area : 1.65 mq
Altezza : 1.10 m

VOLUME : $1.65 \times 1.10 = 1.815$ mc

MURO IN CLS E RECINZIONE METALLICA dal Km 74+957.57 al Km 74+982.34

ESTRATTO PLANIMETRICO

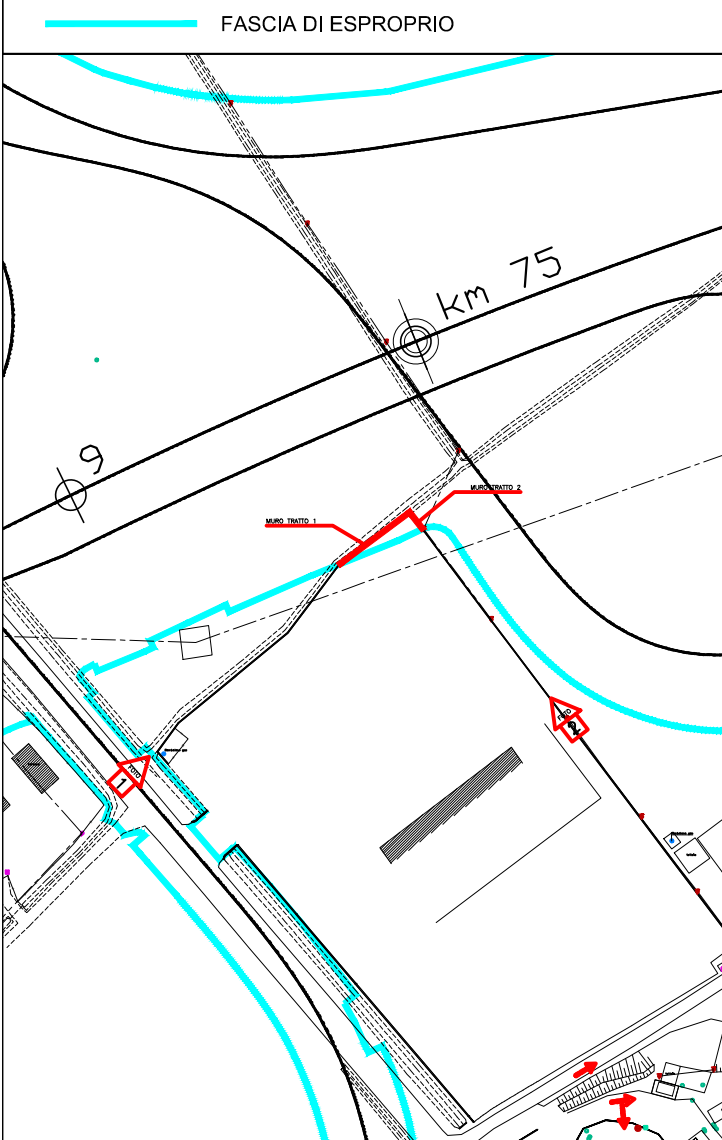
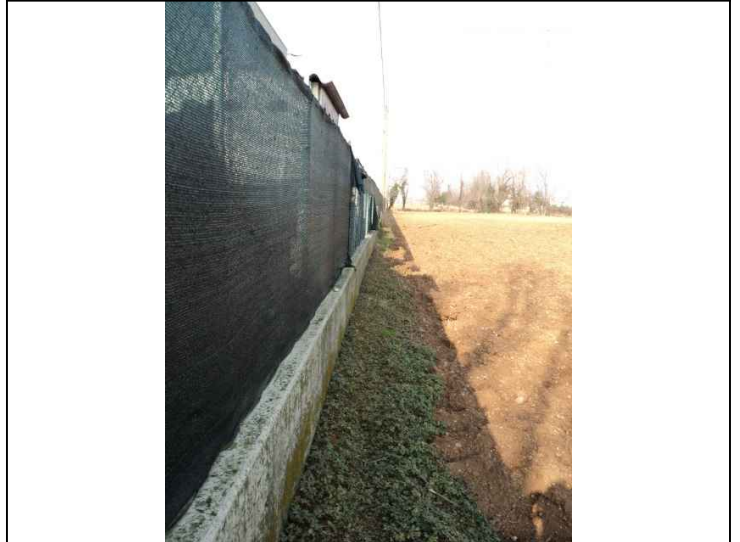


FOTO n.1

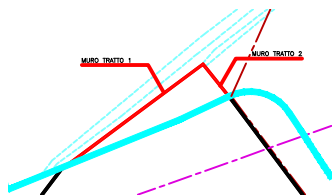


FOTO n.2



DETTAGLIO OPERA

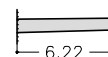
PIANTA



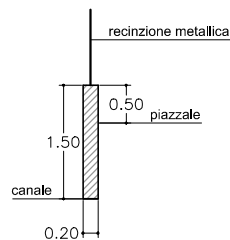
PROSPETTO MURO TRATTO 1



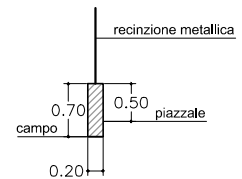
PROSPETTO MURO TRATTO 2



SEZIONE TIPO TRATTO 1



SEZIONE TIPO TRATTO 2



Lunghezza recinzione: $23.57 + 6.22 = 29.79$ m

MURO TRATTA 1:

Area : 0.30 mq
Lunghezza : 23.57 m

MURO TRATTA 2:

Area : 0.14 mq
Lunghezza : 6.22 m

VOLUME : $23.57 \times 0.30 = 7.07$ mc

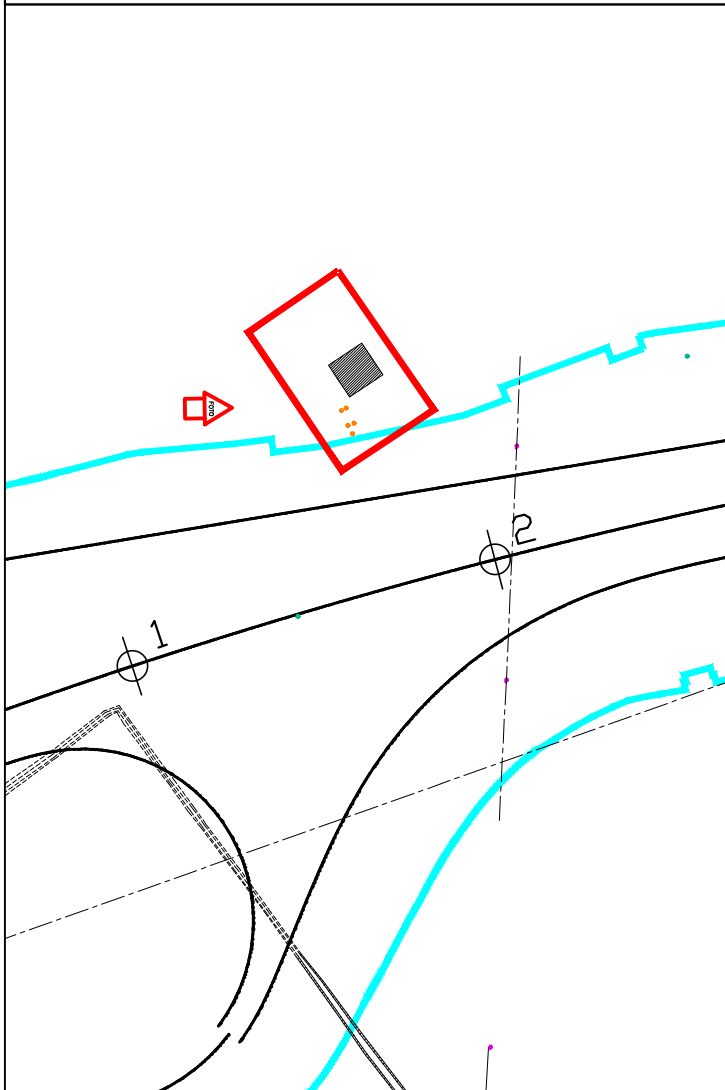
VOLUME : $6.22 \times 0.14 = 0.87$ mc

VOLUME TOTALE : $7.07 + 0.87 = 7.94$ mc

MURO E RECINZIONE METALLICA dal Km 75+167.45 al Km 75+194.57

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO



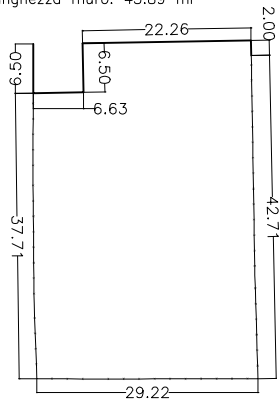
FOTO



DETTAGLIO OPERA

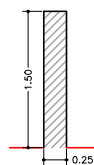
PIANTA

Lunghezza muro: 43.89 ml

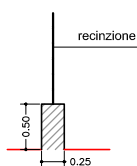


Lunghezza recinzione: 109.64 ml

SEZIONE TIPO 1



SEZIONE TIPO 2



RECINZIONE :

Lunghezza : 37.71 + 29.22 + 42.71 = 109.64 m

MURO SEZIONE TIPO 1:

Lunghezza : 6.50 + 6.63 + 6.50 + 22.26 + 2.00 = 43.89 m
Area : 1.50 x 0.25 = 0.38 mq

VOLUME : 43.89 x 0.38 = 16.68 mc

MURO SEZIONE TIPO 2:

Lunghezza : 37.71 + 29.22 + 42.71 = 109.64 m
Area : 0.50 x 0.25 = 0.125 mq

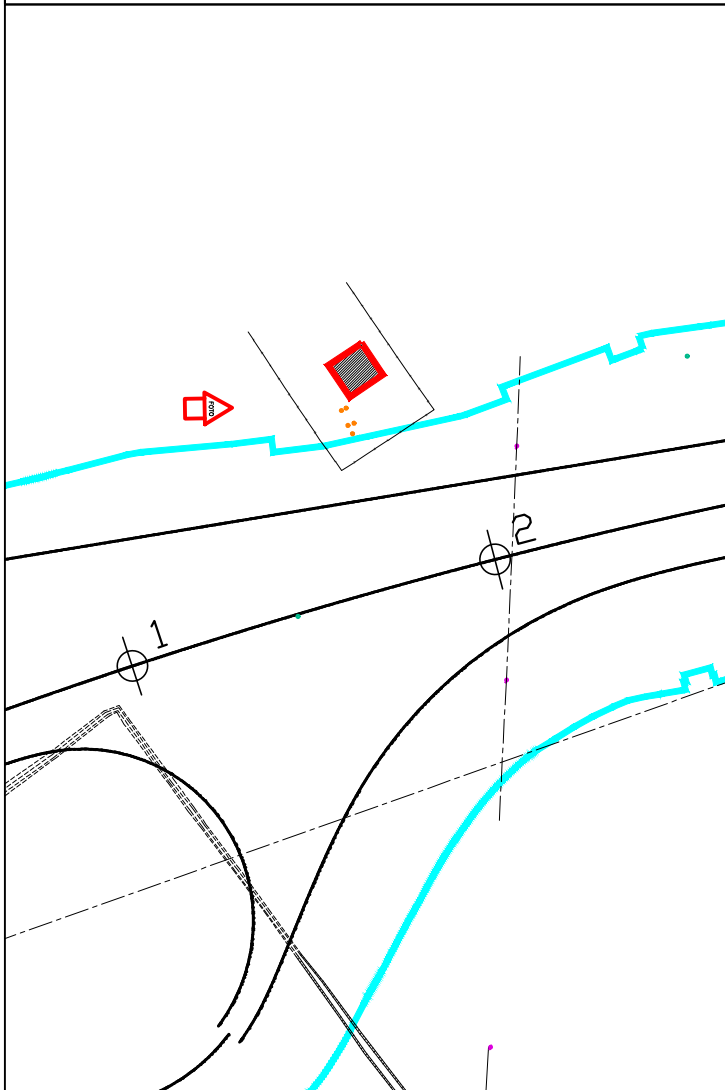
VOLUME : 109.64 x 0.125 = 13.71 mc

VOLUME : 16.68 + 13.71 = 30.39 mc

FABBRICATO dal Km 75+171.46 al Km 75+184.10

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

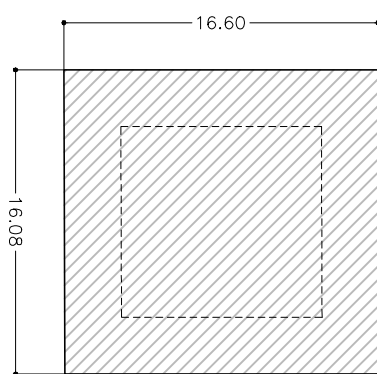


FOTO

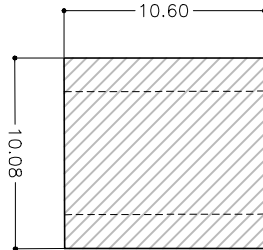


DETTAGLIO OPERA

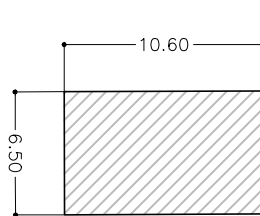
PIANTA GARAGE



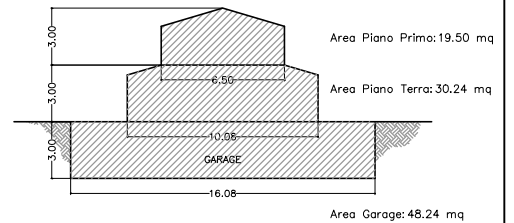
PIANTA PIANO TERRA



PIANTA PIANO PRIMO



SEZIONE



FABBRICATO :

Area Garage: 48.24 mq
 Lunghezza : 16.60 m
 Area Piano Terra: 30.24 mq
 Lunghezza : 10.60 m
 Area Piano Primo: 19.50 mq
 Lunghezza : 10.60 m

VOLUME : $(48.24 \times 16.60) + (30.24 \times 10.60) + (19.50 \times 10.60) = 1328.03$ mc

OPERE IDRAULICHE E TUBO Ø 500 al Km 75+385.03

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

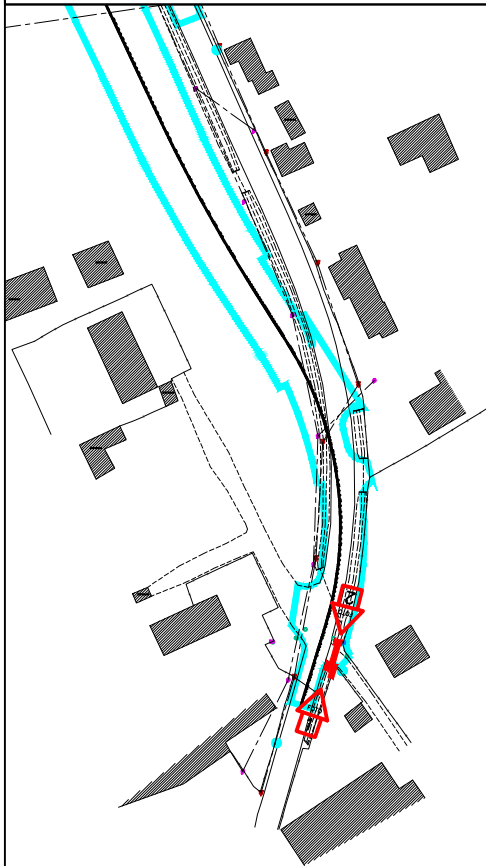


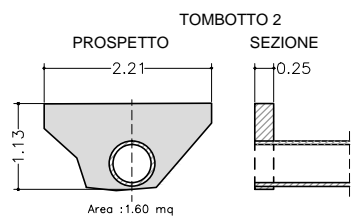
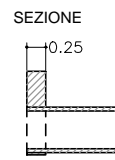
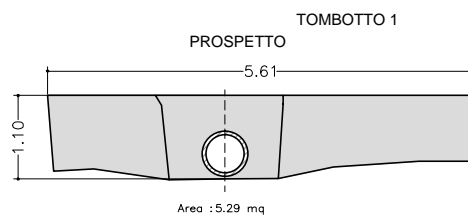
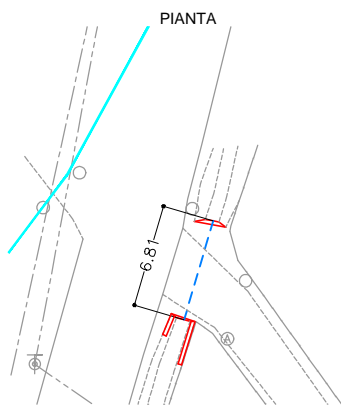
FOTO n°1



FOTO n°2



DETTAGLIO OPERA



TOMBOTTO 1:
Area : 5.29 mq
Spessore : 0.25 m

TOMBOTTO 2:
Area : 1.60 mq
Spessore : 0.25 m

TUBO Ø 500 :
Lunghezza : 6.81 m

VOLUME : (5.29 x 0.25) = 1.33 mc

VOLUME : (1.60 x 0.25) = 0.40 mc

VOLUME TOT: 1.73 mc

OPERE IDRAULICHE E al Km 75+391.36

ESTRATTO PLANIMETRICO

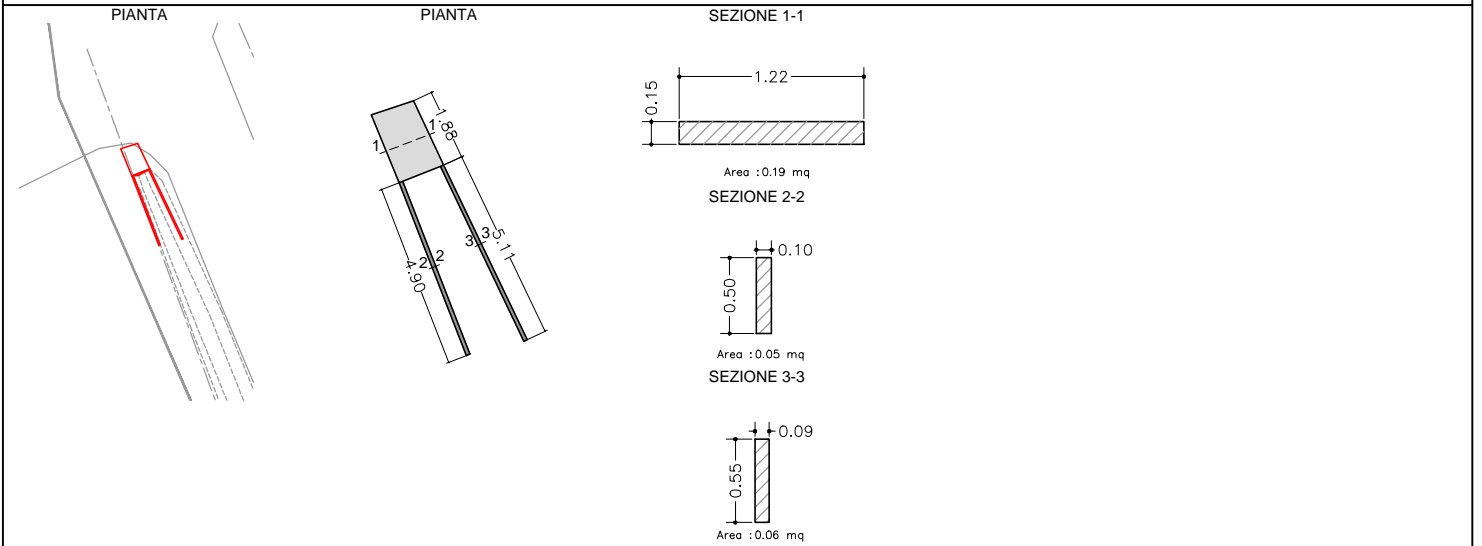
 FASCIA DI ESPROPRIO



FOTO n°1



DETTAGLIO OPERA



SEZIONE 1:
Area : 0.19 mq
Lunghezza : 1.88 m

SEZIONE 2:
Area : 0.05 mq
Lunghezza : 4.90 m

SEZIONE 3:
Area : 0.06 mq
Lunghezza : 5.11 m

VOLUME : (0.19 x 1.88) = 0.36 mc

VOLUME : (0.05 x 4.90) = 0.245 mc

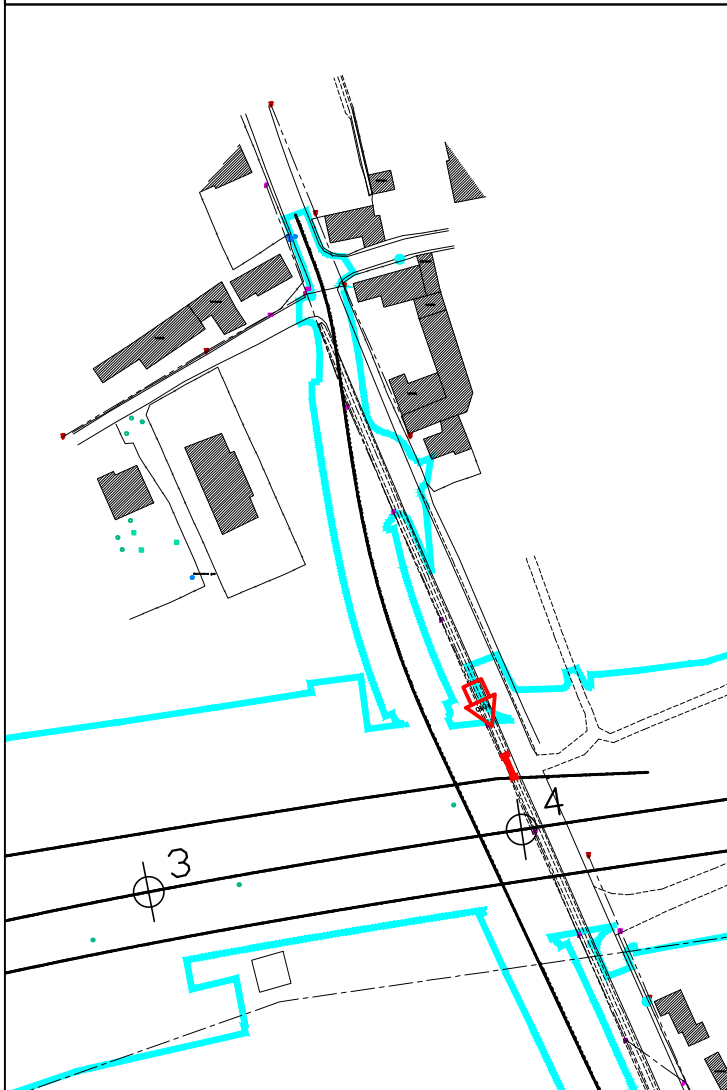
VOLUME : (0.06 x 5.11) = 0.31 mc

VOLUME TOT: 0.915 mc

OPERA IDRAULICA E TUBO Ø 1000 al Km 75+400.00

ESTRATTO PLANIMETRICO

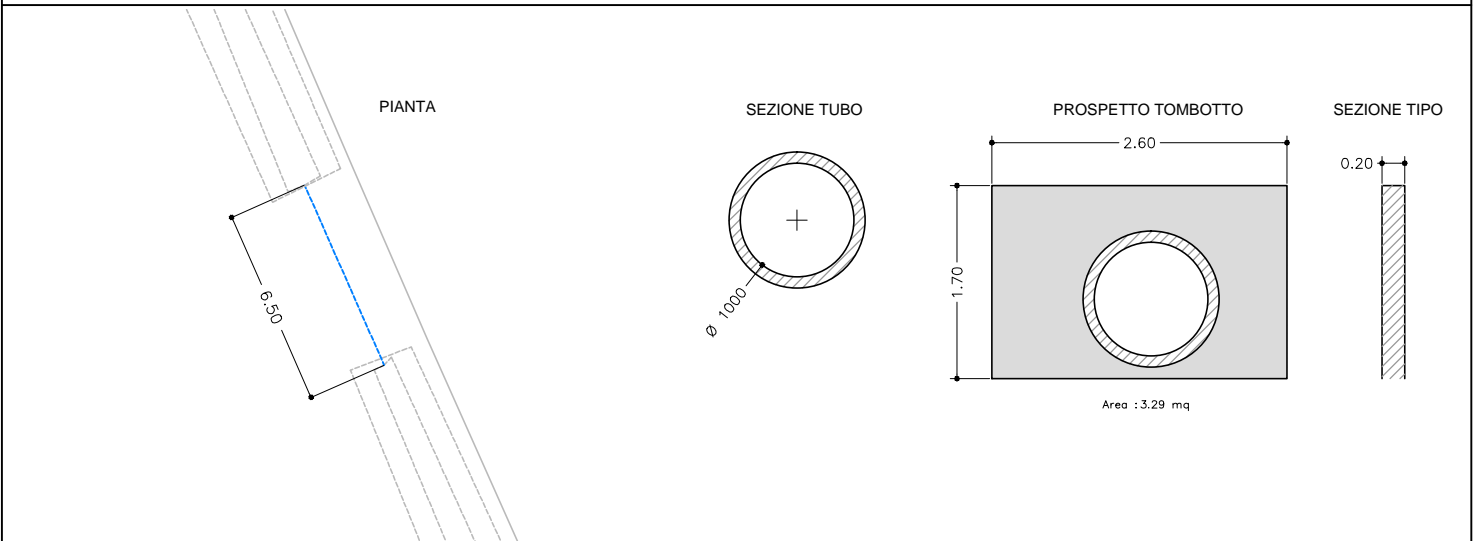
 FASCIA DI ESPROPRIO



FOTO



DETTAGLIO OPERA



TOMBOTTO x 2 :

Area : 3.29 mq
Spessore : 0.20 mq

VOLUME : 2 x (3.29 x 0.20) = 1.32 mc

TUBO Ø 1000 :

Lunghezza : 6.50 m

OPERE IDRAULICHE E TUBO Ø 600 al Km 75+400.00

ESTRATTO PLANIMETRICO

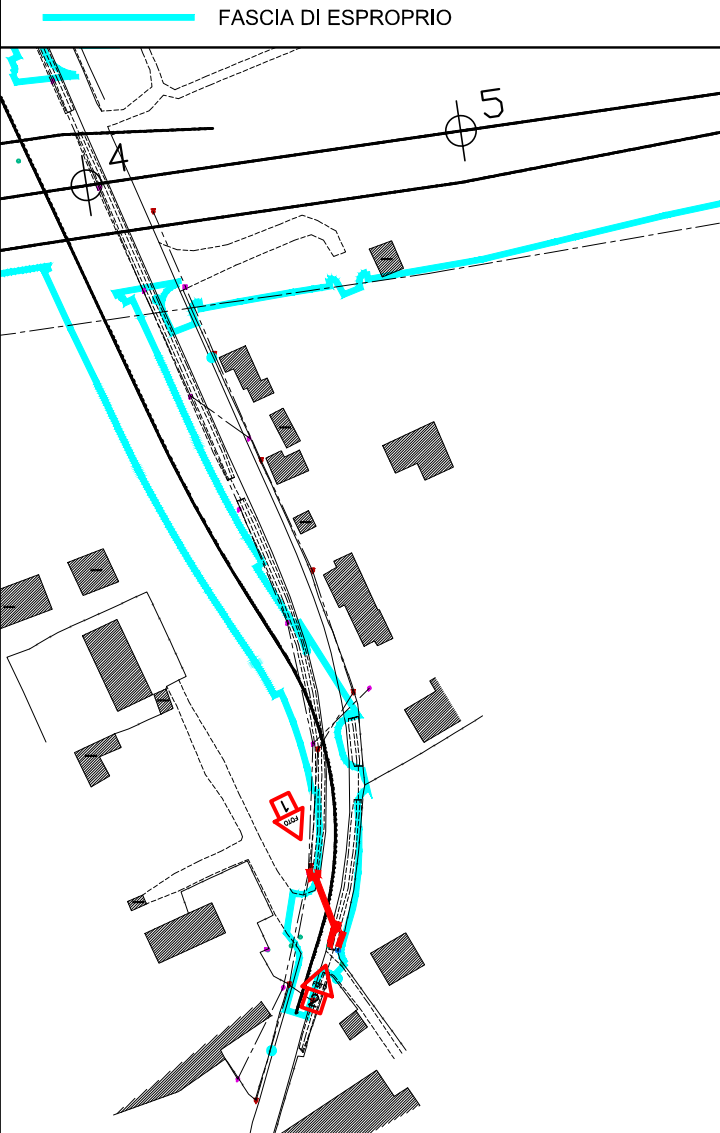


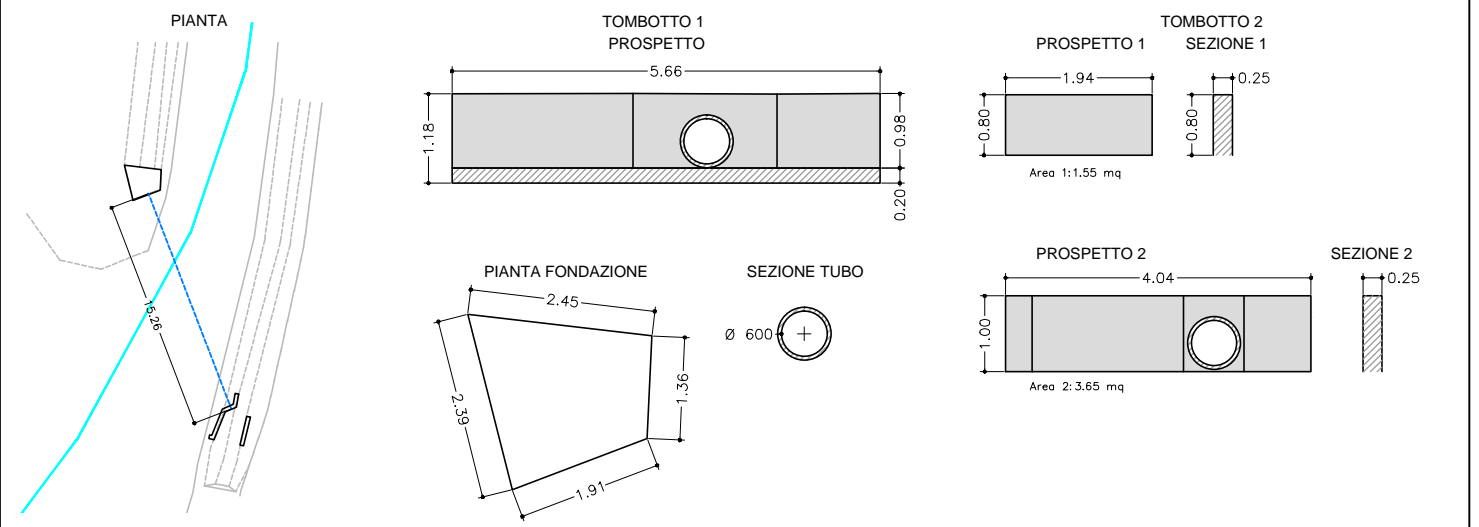
FOTO n°1



FOTO n°2



DETTAGLIO OPERA



TOMBOTTO 1:
 Area fondazione : 3.92 mq
 Area elevazione : 5.54 mq
 Spessore : 0.20 m

TOMBOTTO 2:
 Area 1 : 1.55 mq
 Spessore : 0.25 m
 Area 2 : 3.65 mq
 Spessore : 0.25 m

TUBO Ø 600 :
 Lunghezza : 15.26 m

VOLUME : $(3.92 \times 0.20) + (5.54 \times 0.20) = 1.89$ mc

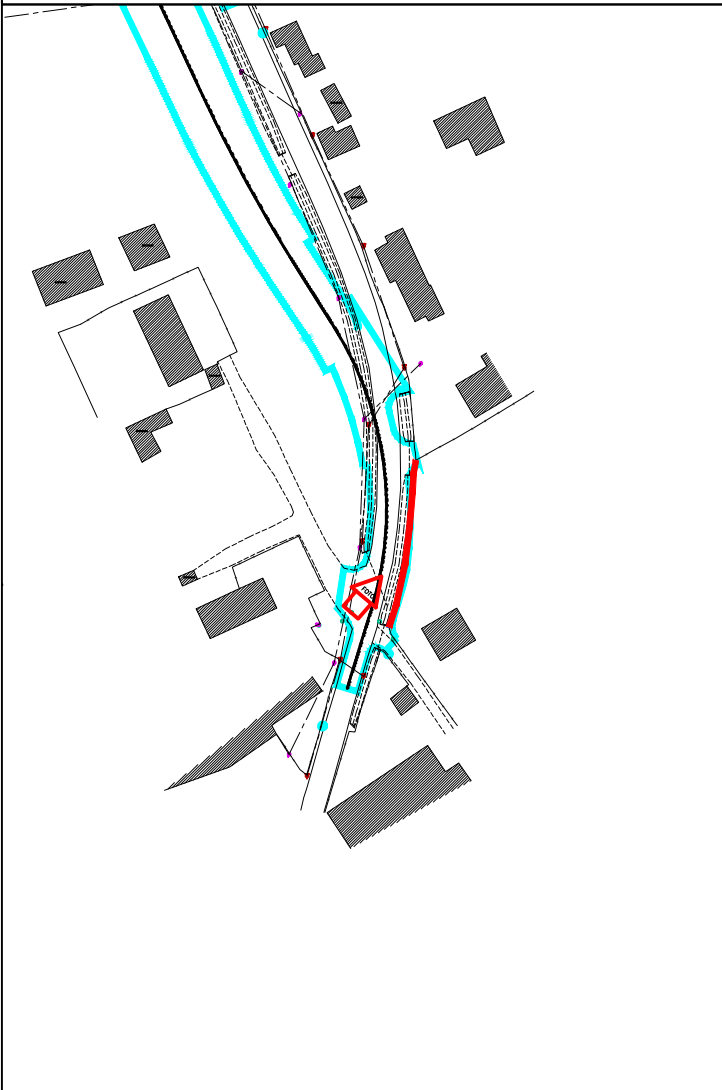
VOLUME : $(1.55 \times 0.25) + (3.65 \times 0.25) = 1.30$ mc

VOLUME TOT: 3.19 mc

MURETTO E RECINZIONE METALLICA al Km 75+400.00

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

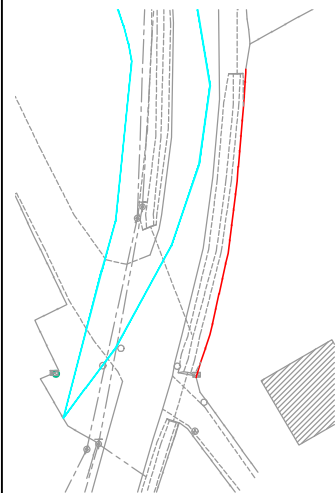


FOTO

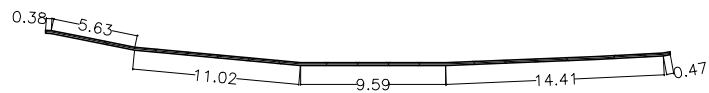


DETTAGLIO OPERA

PIANTA

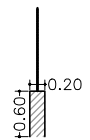


PIANTA



Lunghezza : 0.38+5.63+11.02+9.59+14.41+0.47 m

SEZIONE



Area : 0.12 mq

MURETTO :

Area : 0.12 mq
Lunghezza : 41.50 m

RECINZIONE METALLICA:

Lunghezza : 41.50 m

VOLUME : (0.12 x 41.50) = 4.98 mc

OPERE IDRAULICHE E TUBO Ø 400 al Km 75+417.33

ESTRATTO PLANIMETRICO

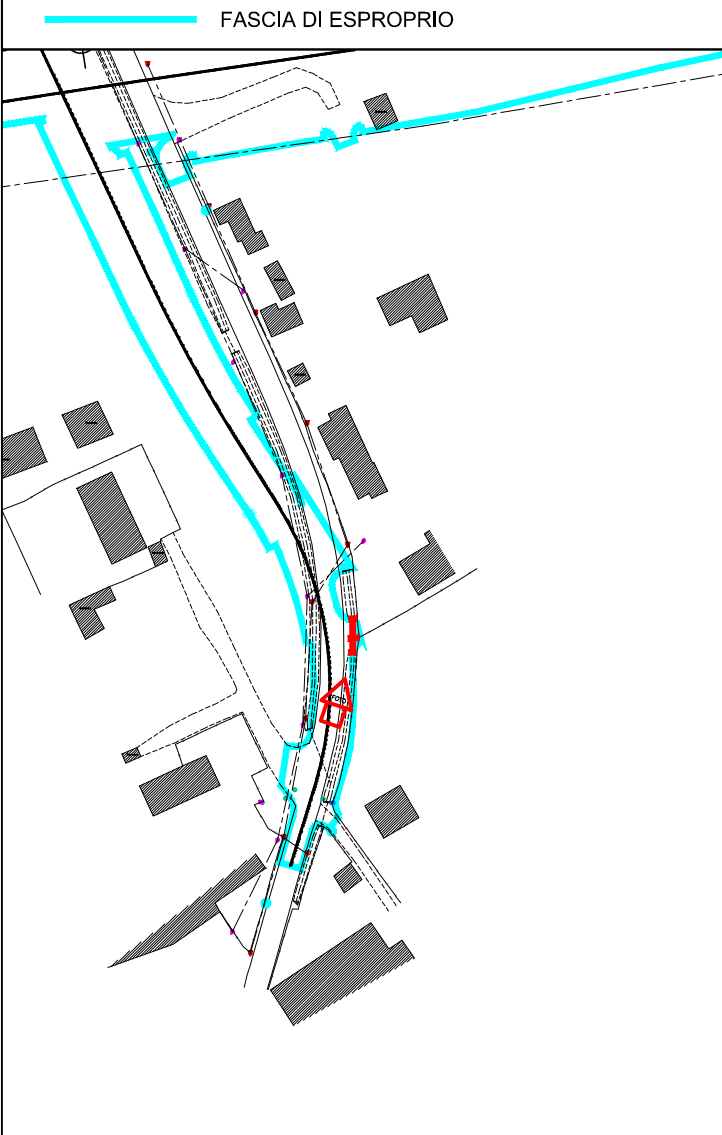
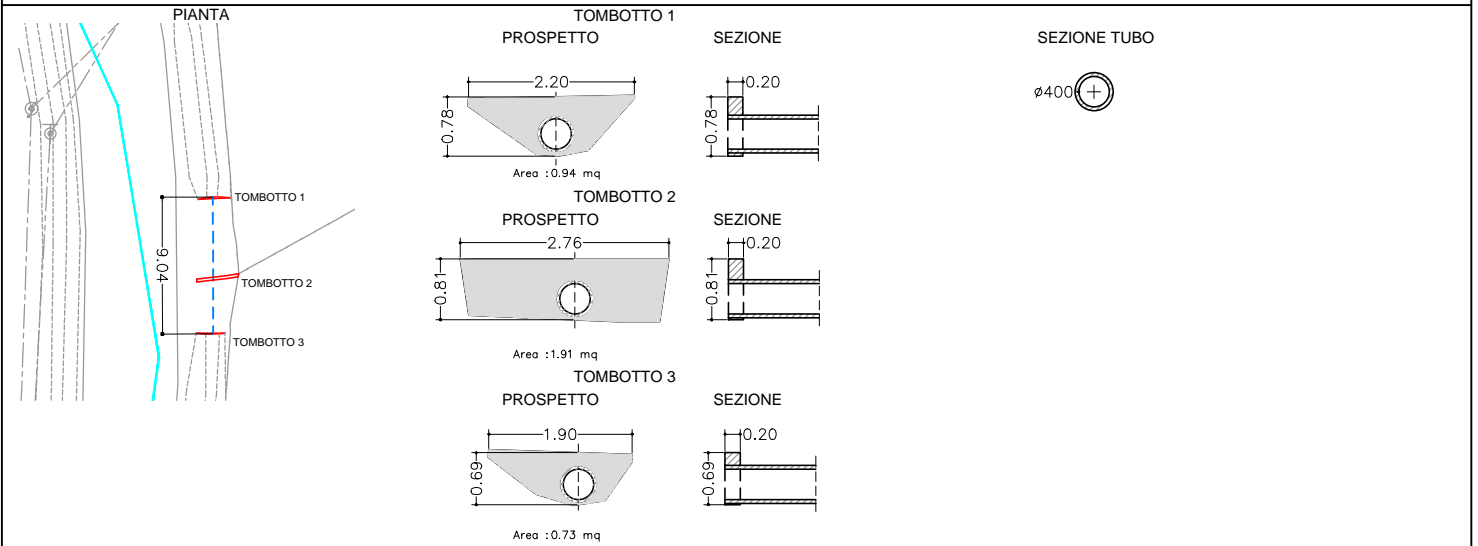


FOTO n°1



DETTAGLIO OPERA



TOMBOTTO 1:
Area : 0.94 mq
Spessore : 0.20 m

TOMBOTTO 2:
Area : 1.91 mq
Spessore : 0.20 m

TOMBOTTO 3:
Area : 0.73 mq
Spessore : 0.20 m

TUBO Ø 400 :
Lunghezza : 9.04 m

VOLUME : (0.94 x 0.20) = 0.19 mc

VOLUME : (1.91 x 0.20) = 0.38 mc

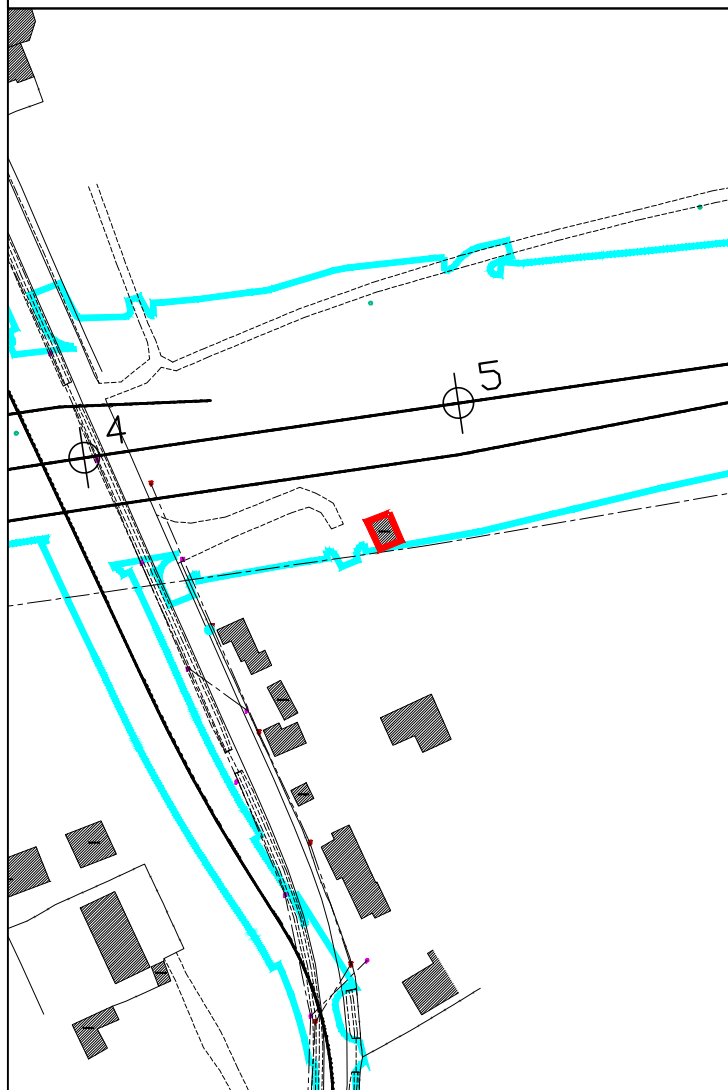
VOLUME : (0.73 x 0.20) = 0.15 mc

VOLUME TOT: 0.72 mc

BARACCA al Km 75+477.76

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

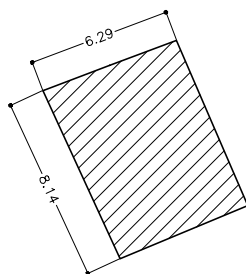


FOTO



DETTAGLIO OPERA

PIANTA



BARACCA :

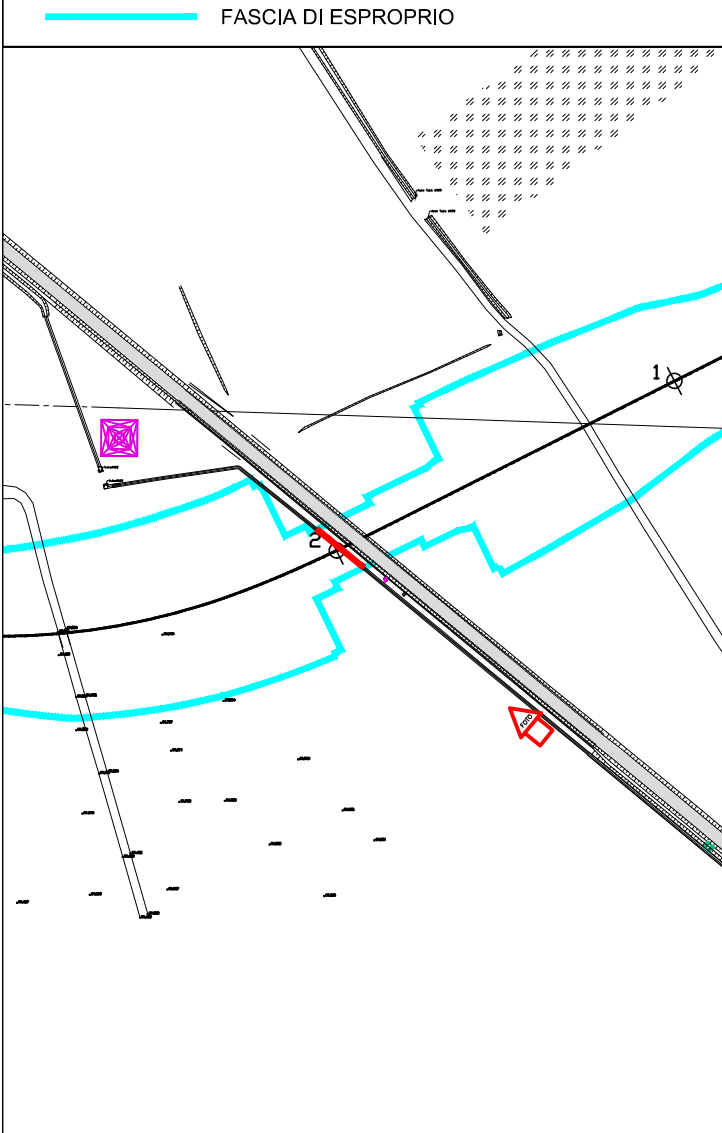
Area : $6.29 \times 8.14 = 51.20$ mq
Altezza : 3.50 m

VOLUME : $51.20 \times 3.50 = 179.20$ mc

VIABILITA' DI COLLEGAMENTO
Viabilità Feltrina - S.P. 100)

CANALETTA IN CLS LINEA RFI TREVISO - CALALZO al Km 0+200.00
(VIABILITA' di collegamento Viabilità Feltrina - S.P. 100)

ESTRATTO PLANIMETRICO

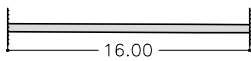


FOTO

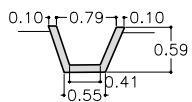


DETTAGLIO OPERA

PROSPETTO CANALE



SEZIONE TIPO



CANALETTA:

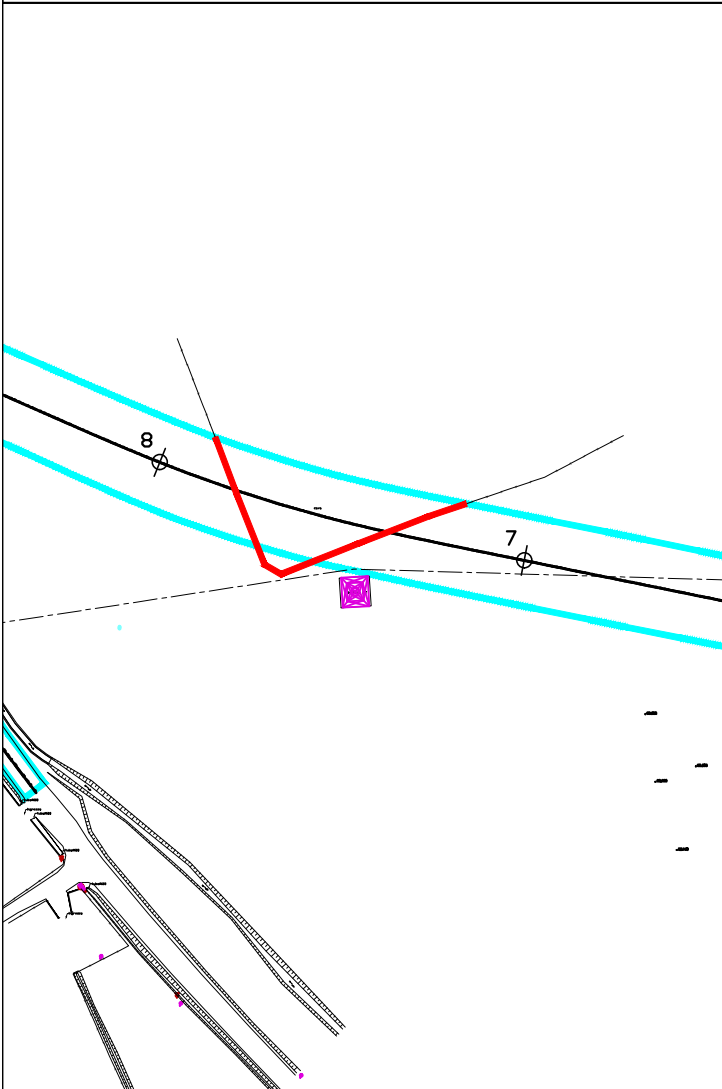
Area : 0.17 mq
Lunghezza : 16.00 m

VOLUME : $16.00 \times 0.17 = 2.72$ mc

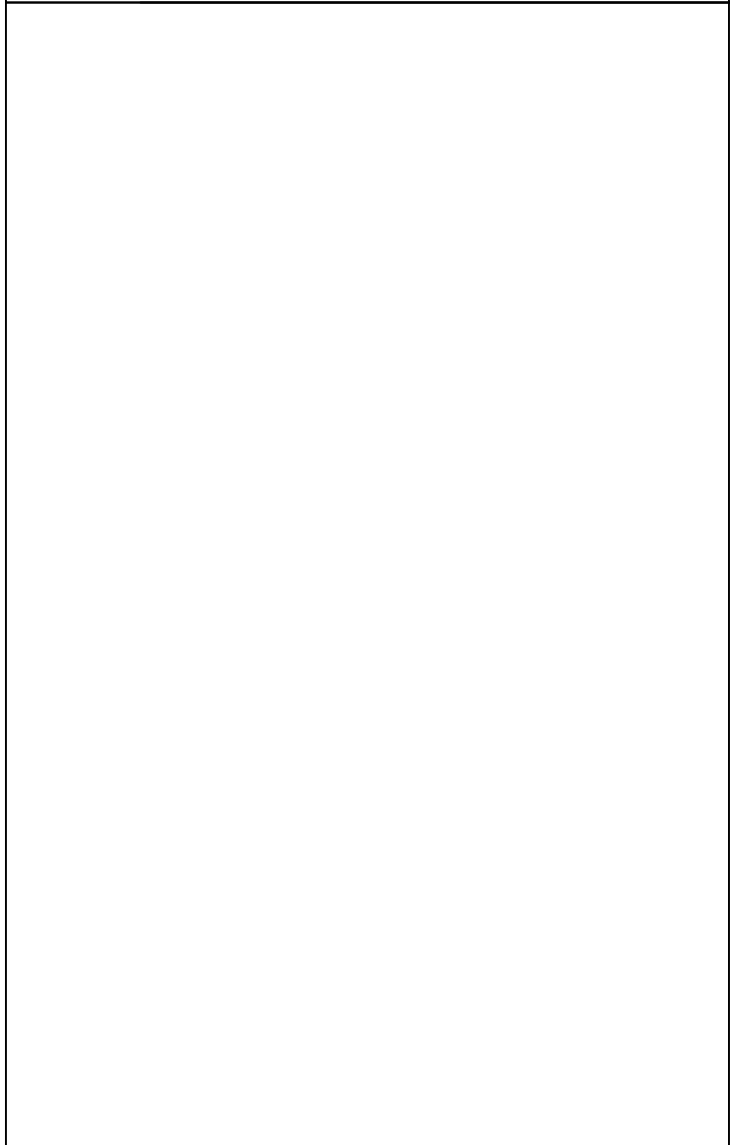
RECINZIONE METALLICA dal Km 0+736.81 al Km 0+778.74
(VIABILITA' di collegamento Viabilità Feltrina - S.P. 100)

ESTRATTO PLANIMETRICO

 FASCIA DI ESPROPRIO

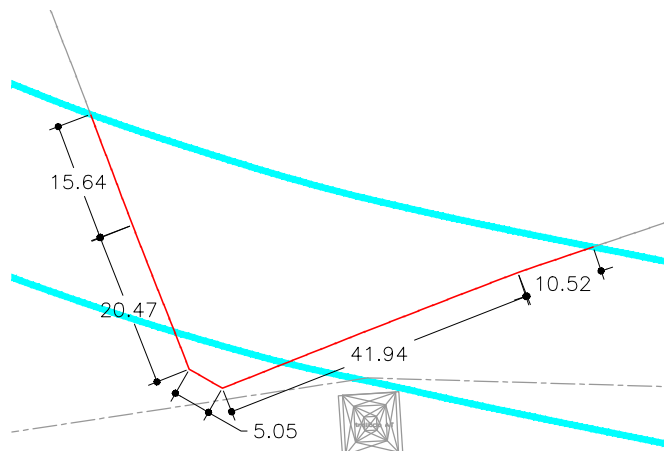


FOTO



DETTAGLIO OPERA

PIANTA

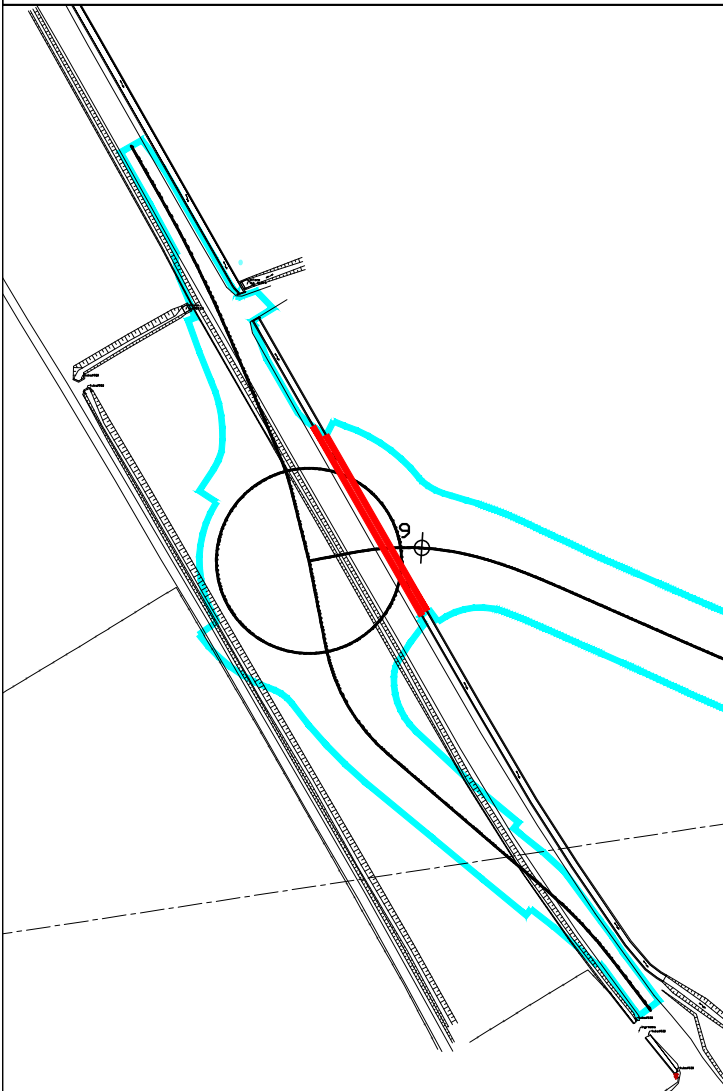


Lunghezza : $15.64 + 20.47 + 5.05 + 41.94 + 10.52 = 93.62$ ml

CANALETTA IN CLS al Km 0+910.00
(VIABILITA' di collegamento Viabilità Feltrina - S.P. 100)

ESTRATTO PLANIMETRICO

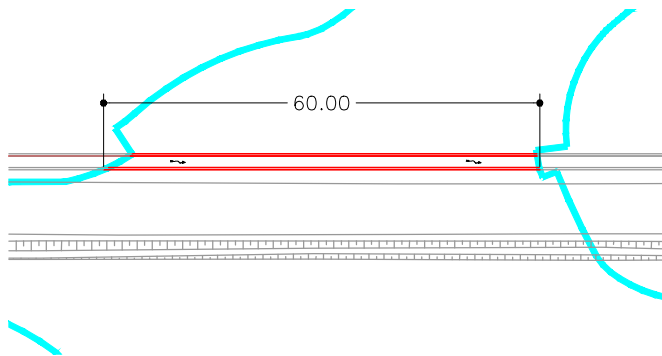
FASCIA DI ESPROPRIO



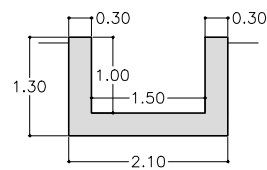
FOTO

DETTAGLIO OPERA

PIANTA



SEZIONE TIPO



CANALETTA:

Area : 1.23 mq
Lunghezza : 60.00 m

VOLUME : $60.00 \times 1.23 = 73.80$ mc