



Palestine Polytechnic University

College Of Engineering And Technology

Civil And Architect Department

Surveying And Geomatics Engineering

Graduation Project Design Sheets For:

Rehabitate Of Al-Manshar Street

Designed By :

Abed El-Kareem Al-Najajreh

Mustafa Al-Zeer

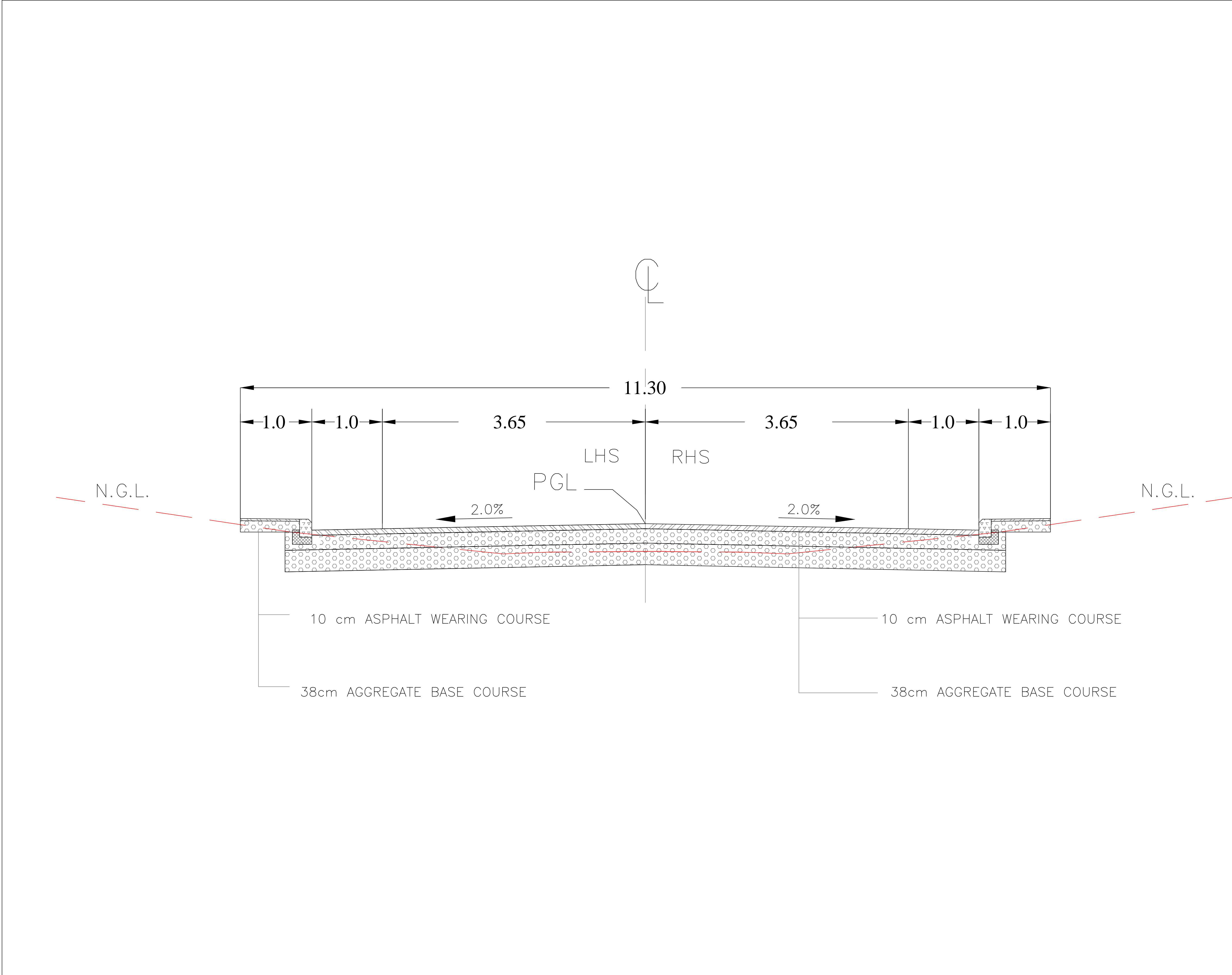
Laith Abu-Alsoud

Tamer Al-Atrash

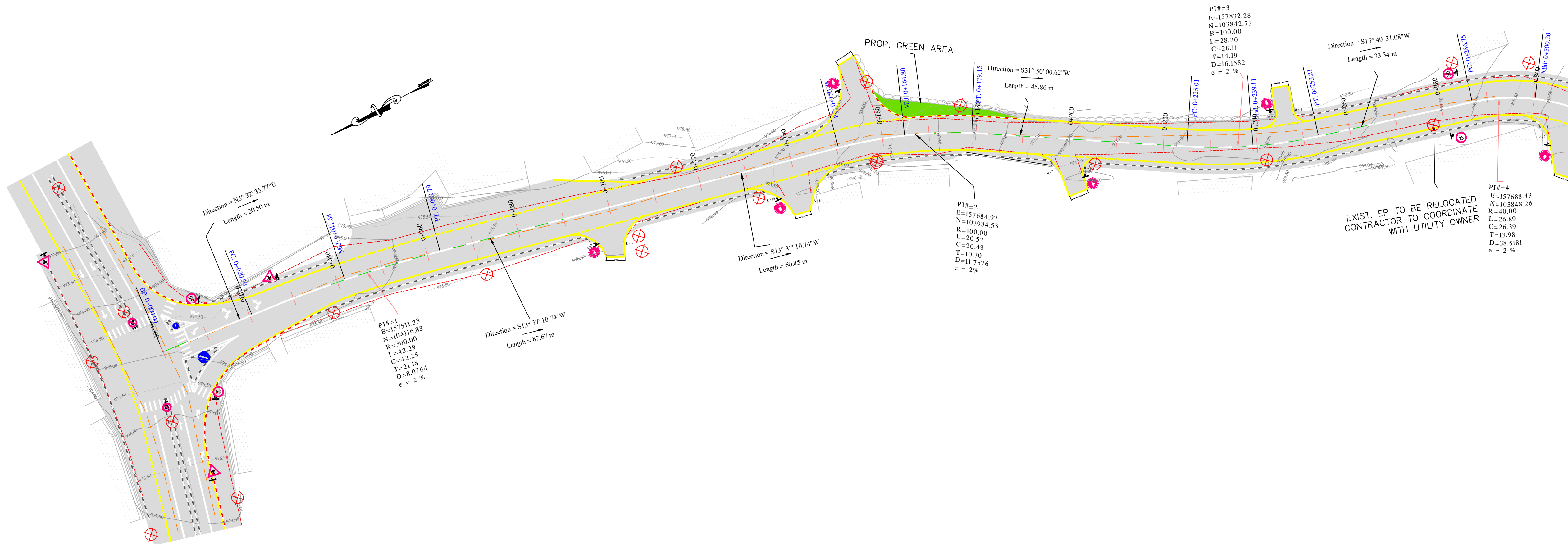
Supervisor :

Dr.Ghadi Zakarneh

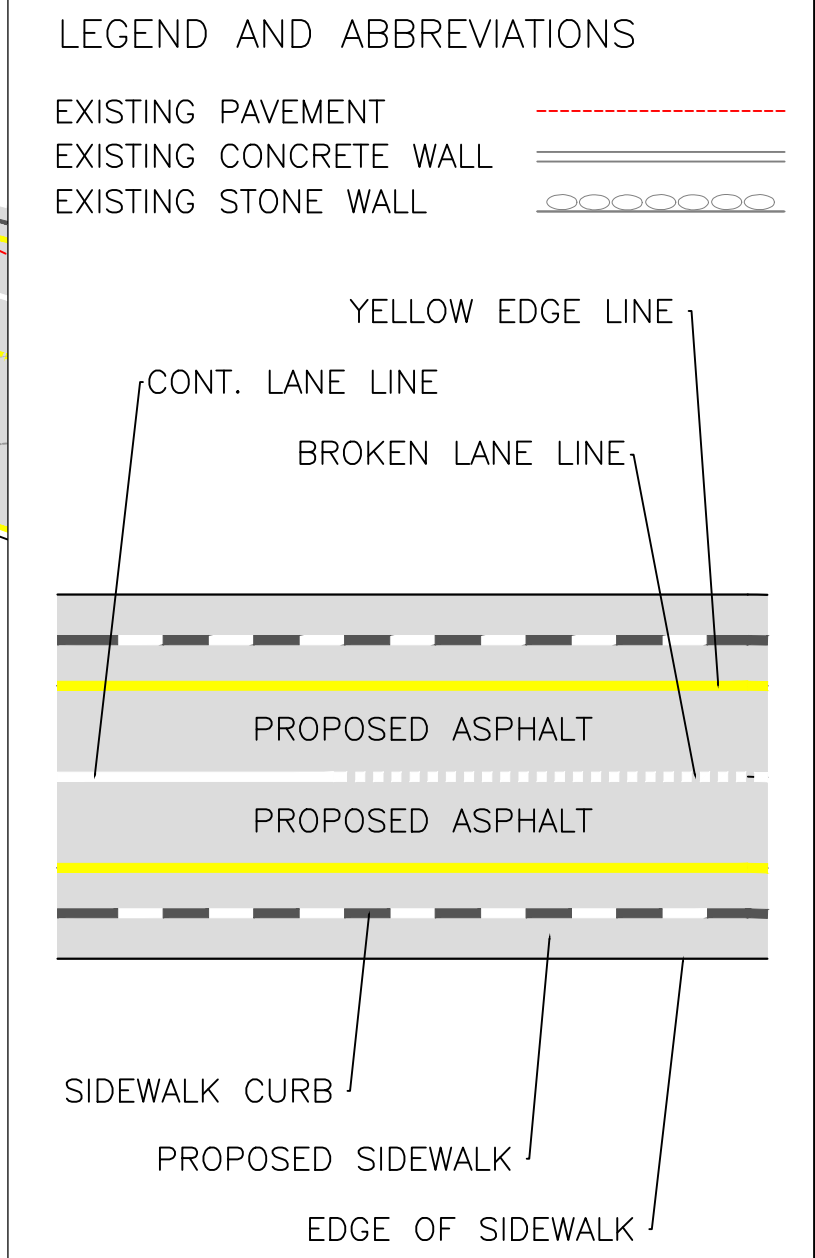
May 2013



NOTES : 1. ALL STATIONS,COORDINATES AND LEVELS ARE IN METERS. 2. DESIGN SPEED IS 50 Km/h		
LEGEND AND ABBREVIATIONS EXIST. GROUND ——— PROPOSED PGL ———		
		
Palestine Polytechnic University Engineering College Civil & Architecture Dept.		
Drawing Title : TYPICAL CROSS SECTION		
Designed By : ABED EL-KAREEM AL NAJAJREH MUSTAFA AL-ZEER LAITH ABU-ALSOUD TAMER AL-ATRASH		
Supervisor : DR.GHADI ZAKARNEH		
Scale :	1/25	Sheet No. 5
Date :	05/2013	



- NOTES :
1. ALL STATIONS, COORDINATES AND LEVELS ARE IN METERS.
 2. DESIGN SPEED IS 50 Km/h



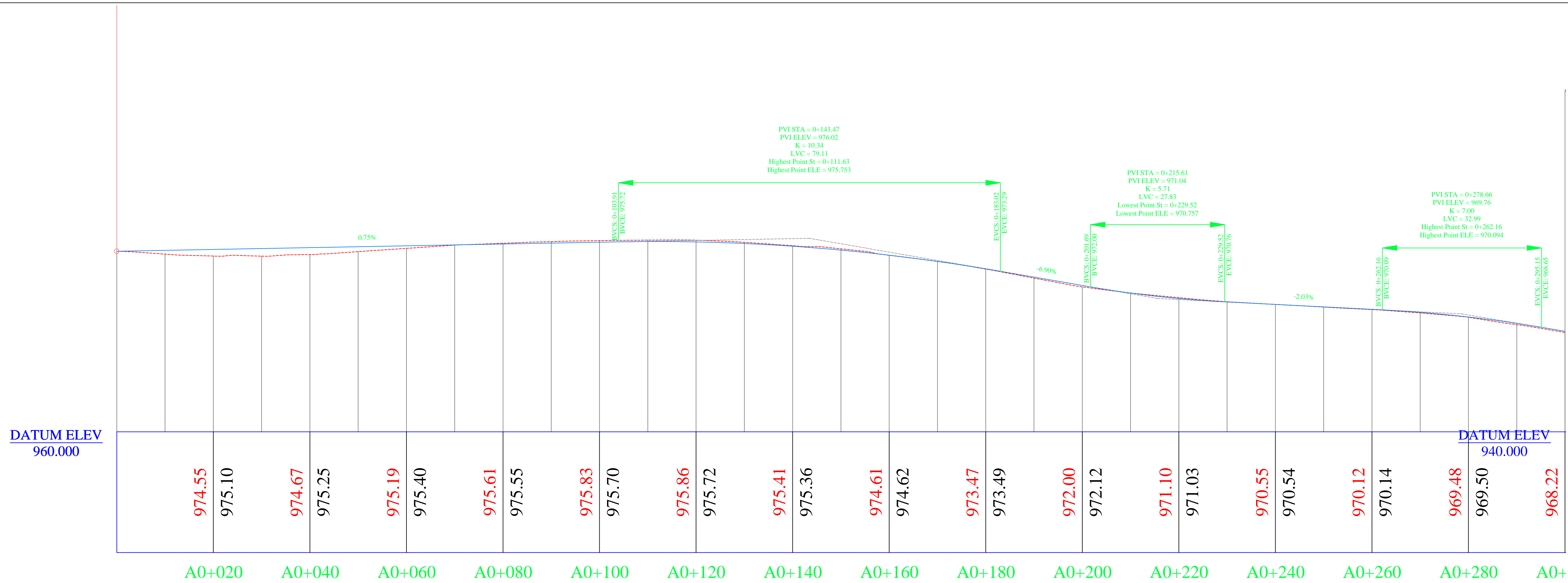
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

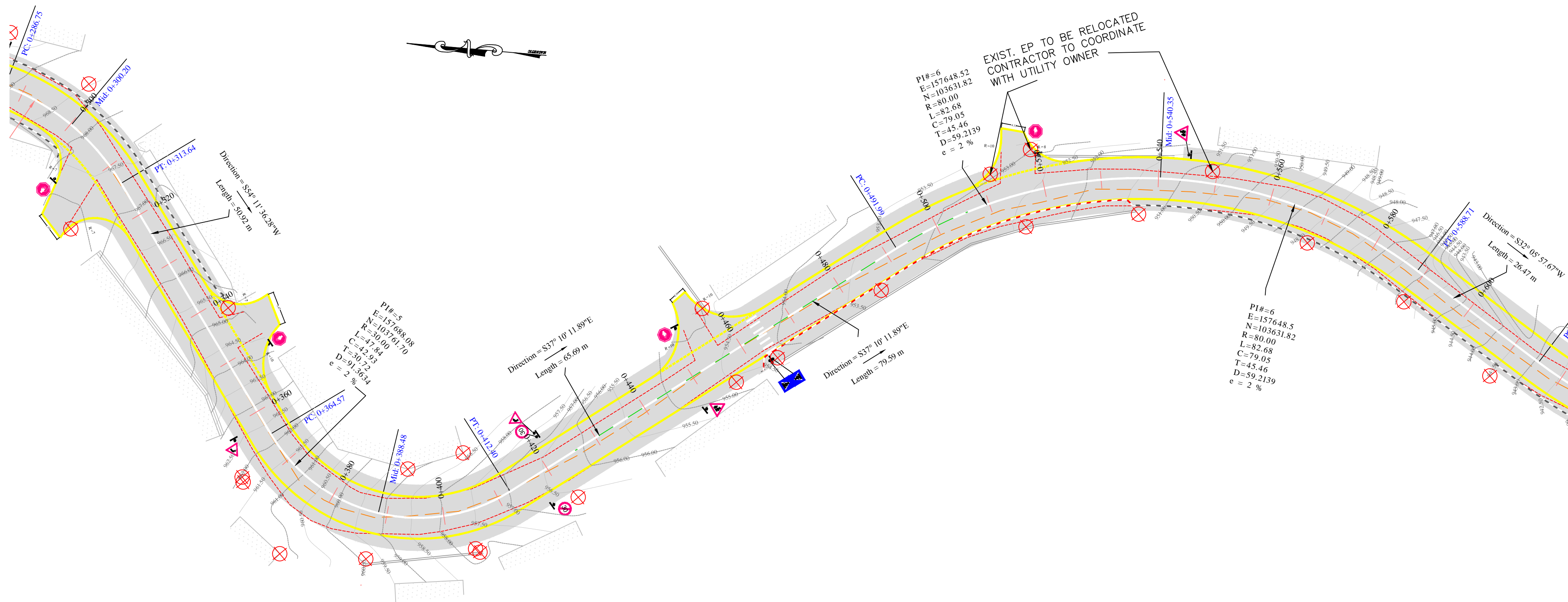
Drawing Title :
PLAN & PROFILES
FROM STA. A 0+000 TO STA. A 0+300

Designed By :
**ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSUD
TAMER AL-ATRASH**

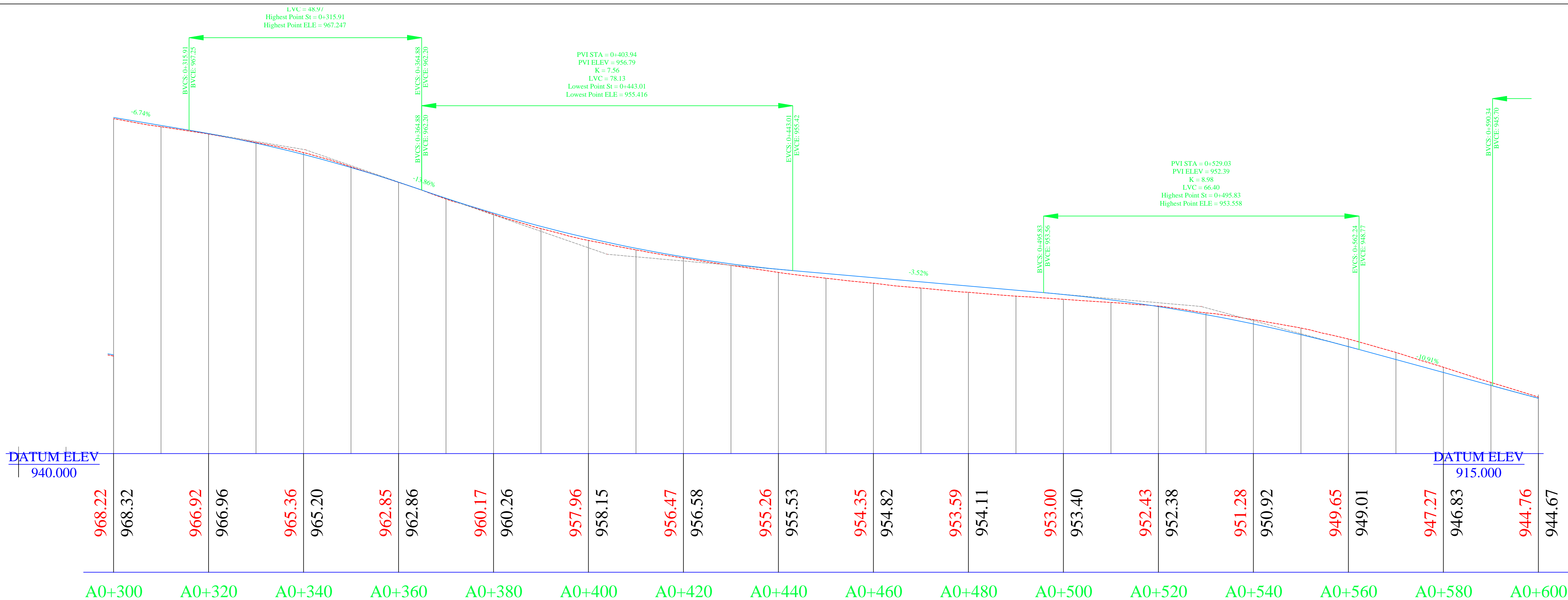
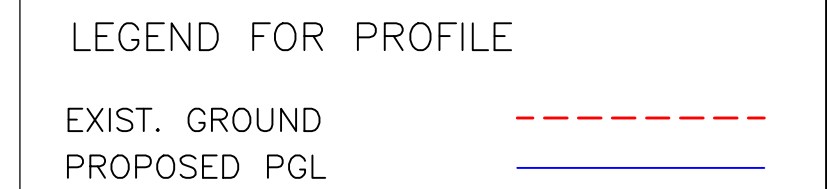
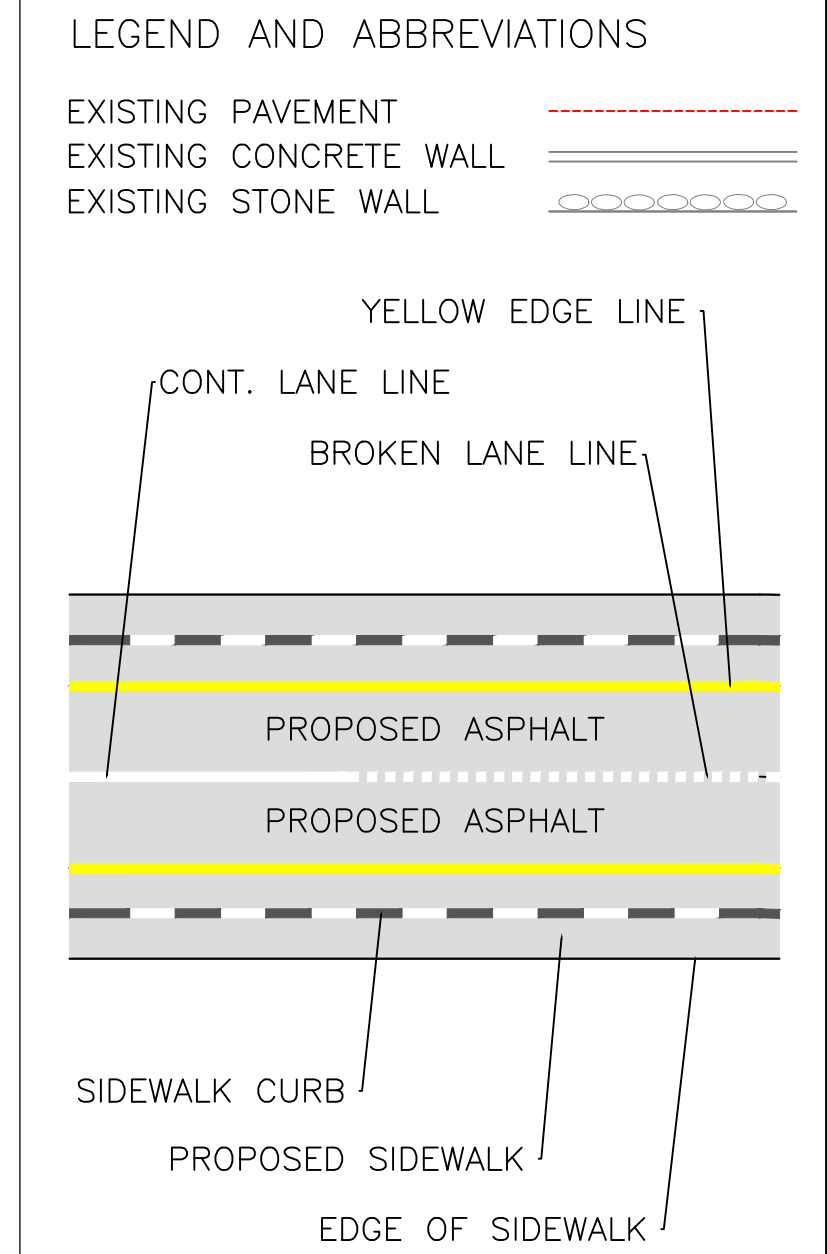
Supervisor :
DR.GHADI ZAKARNEH

Scale :	H: 1/500 V: 1/200	Sheet No. 1
	Date : 05/2013	





- NOTES :
1. ALL STATIONS, COORDINATES AND LEVELS ARE IN METERS.
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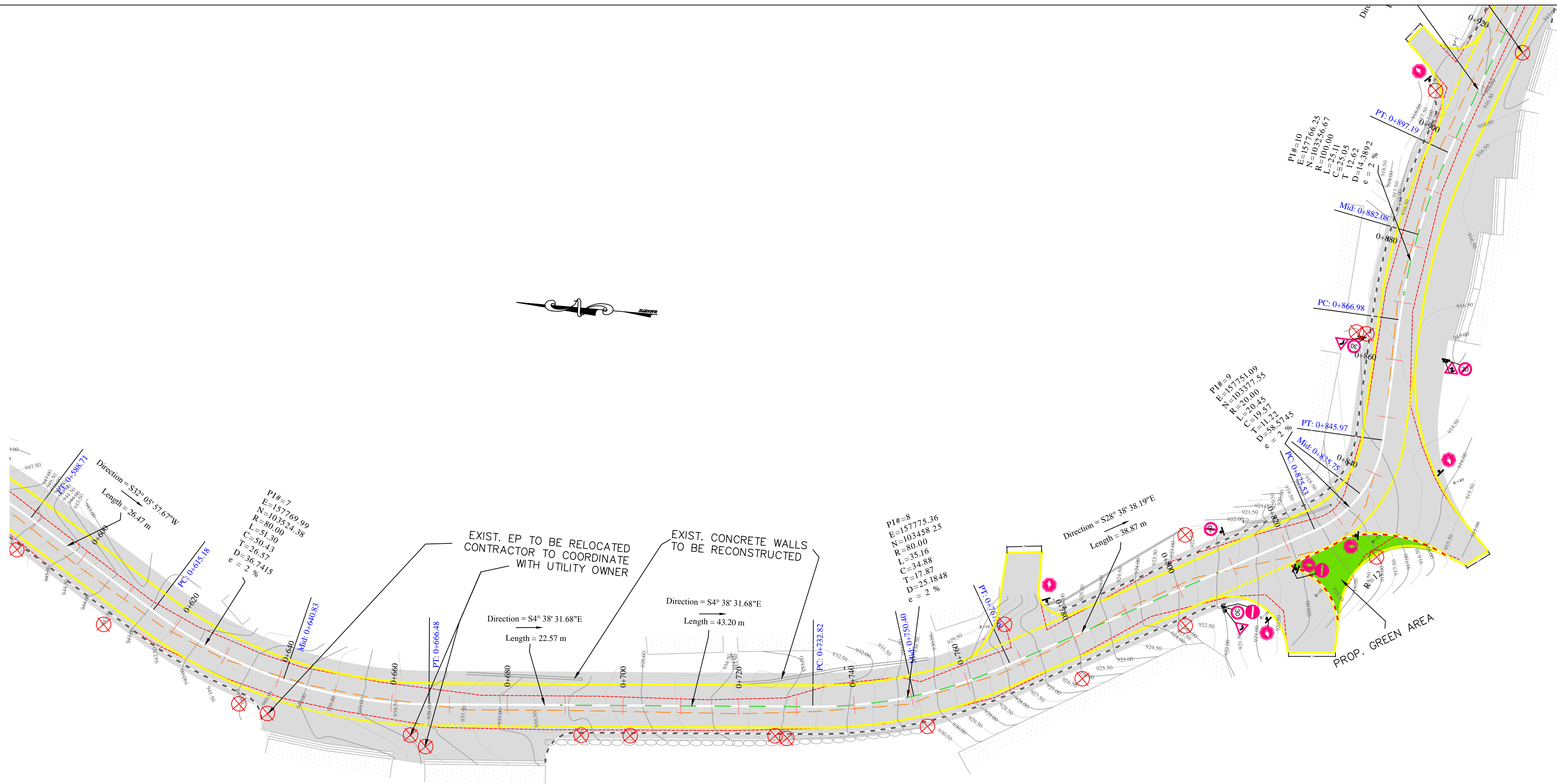
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
PLAN & PROFILES
FROM STA. A 0+300 TO STA. A 0+600

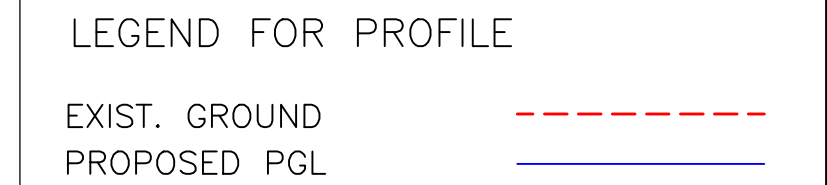
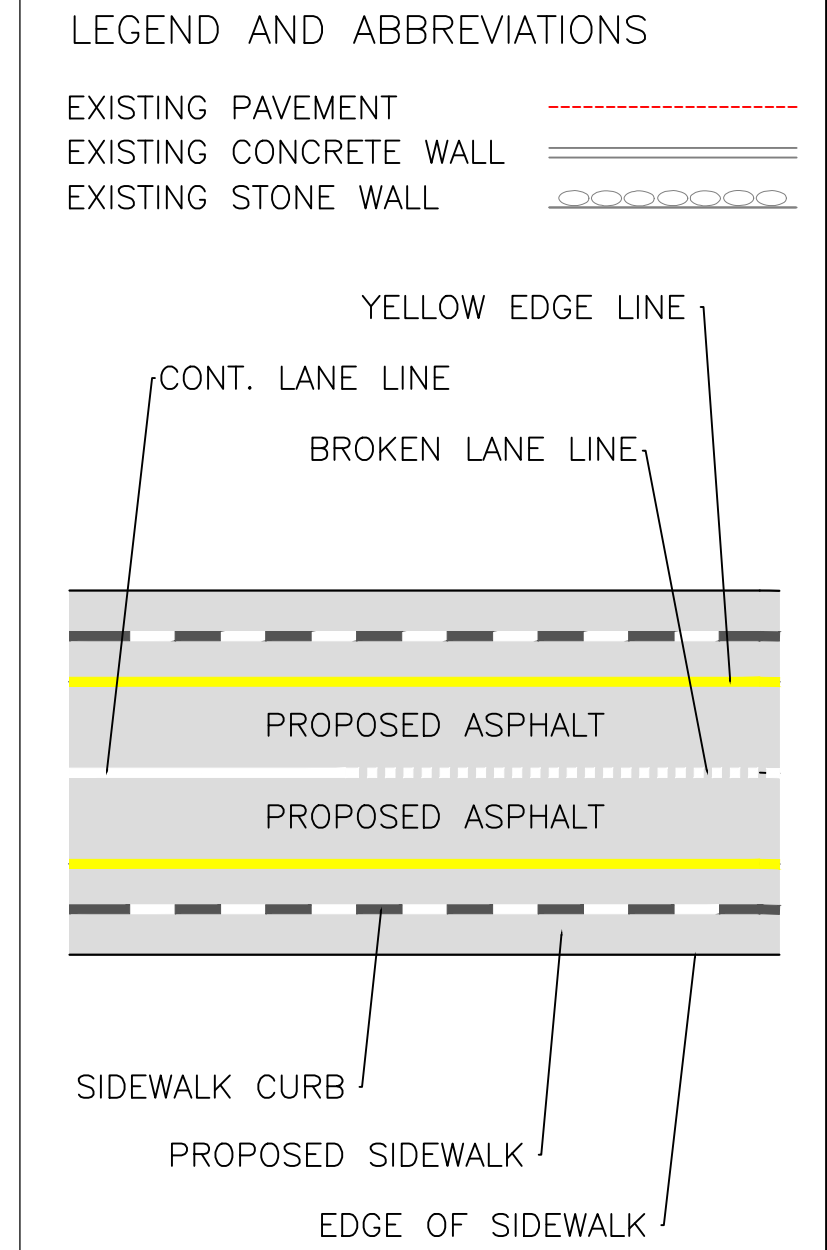
Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSUD
TAMER AL-ATRASH

Supervisor :
DR.GHADI ZAKARNEH

Scale :	H: 1/500 V: 1/200	Sheet No. 2
Date :	05/2013	



- NOTES :
- ALL STATIONS, COORDINATES AND LEVELS ARE IN METERS.
 - DESIGN SPEED IS 50 Km/h



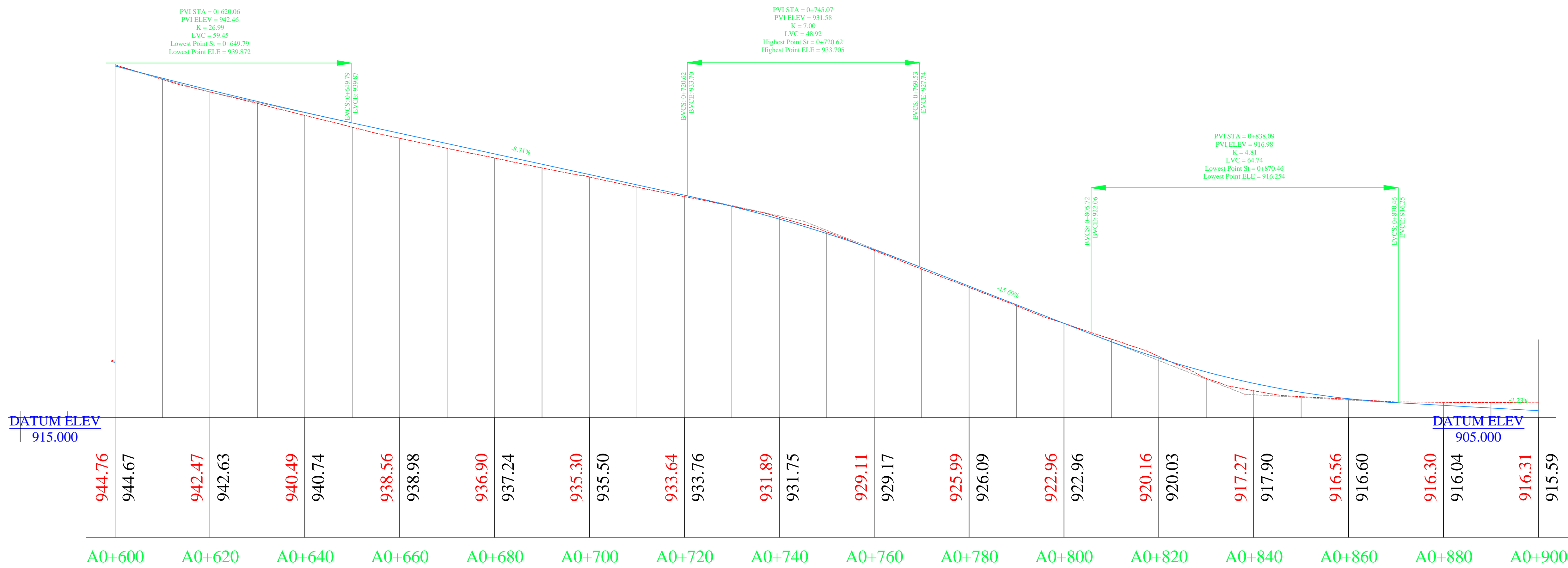
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

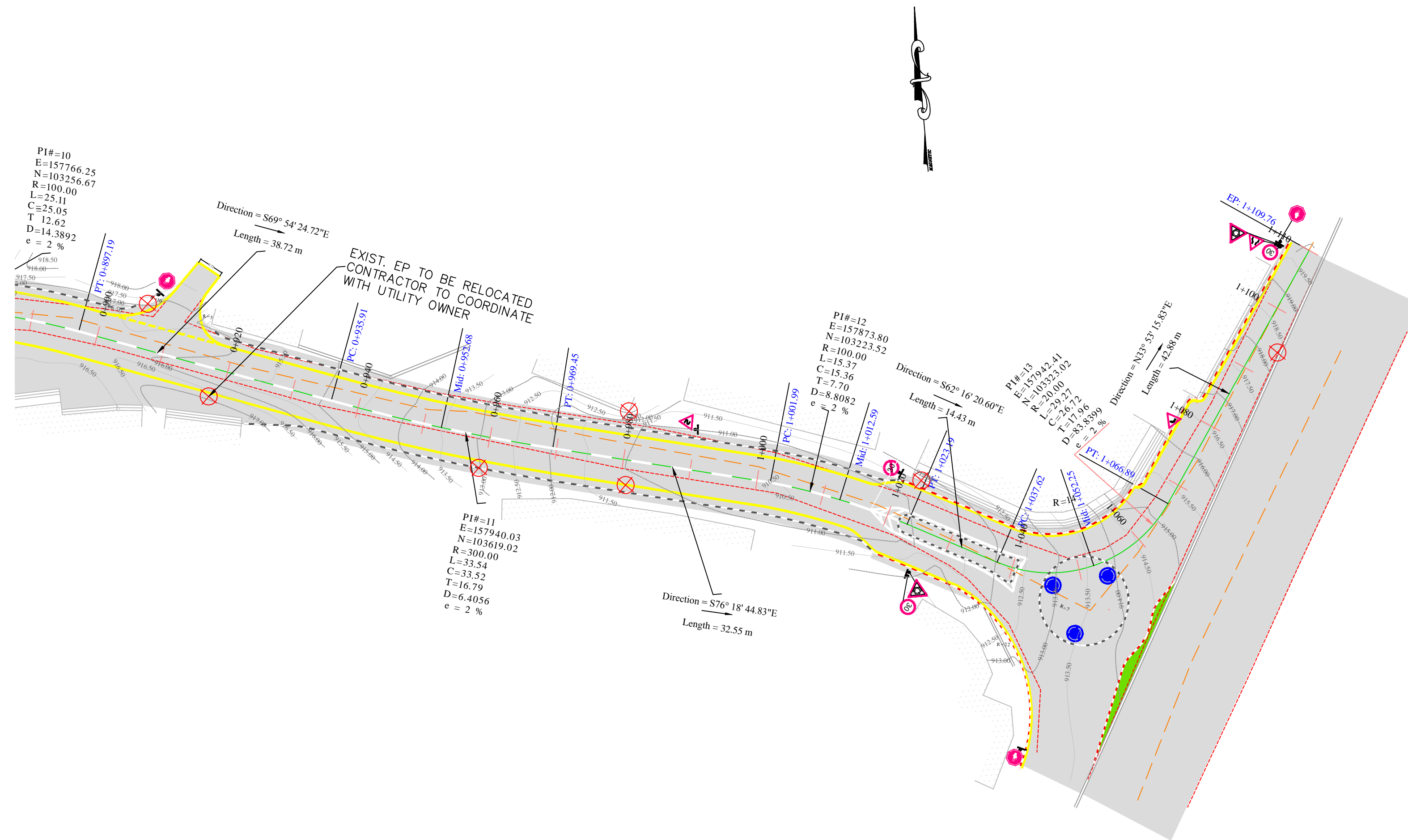
Drawing Title :
PLAN & PROFILES
FROM STA. A 0+600 TO STA. A 0+900

Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSUD
TAMER AL-ATRASH

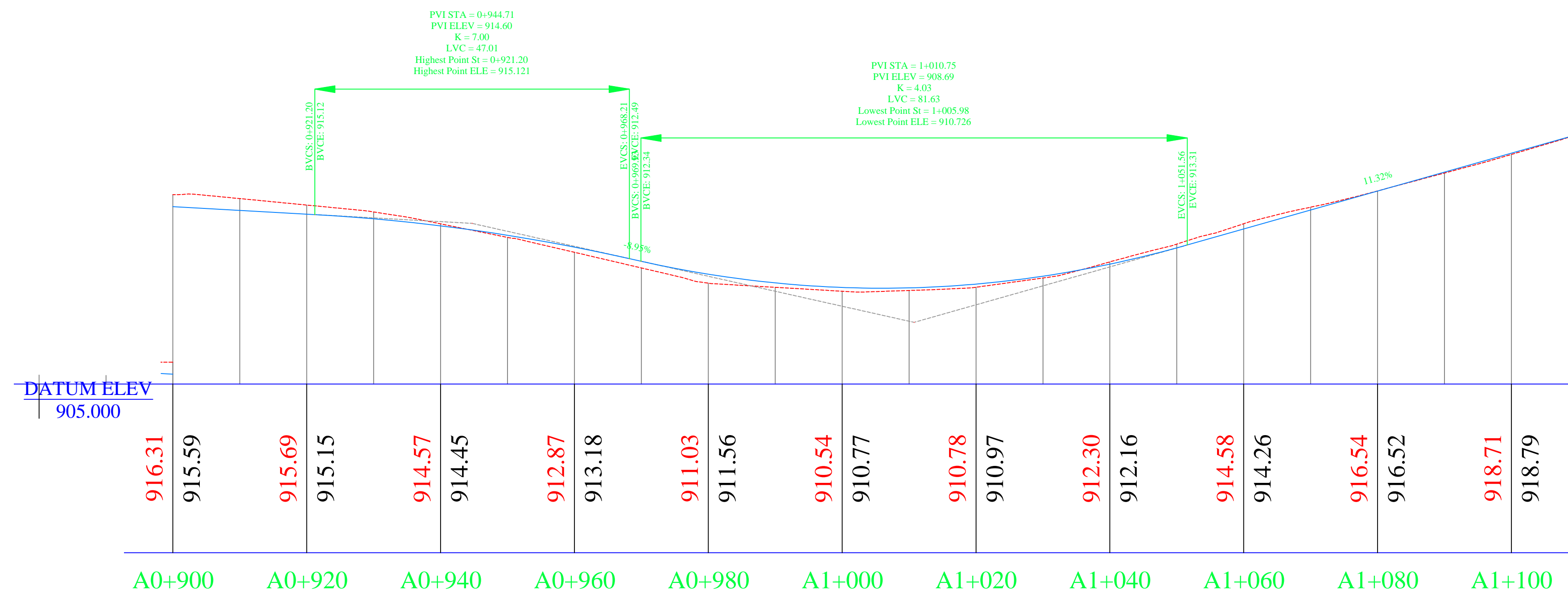
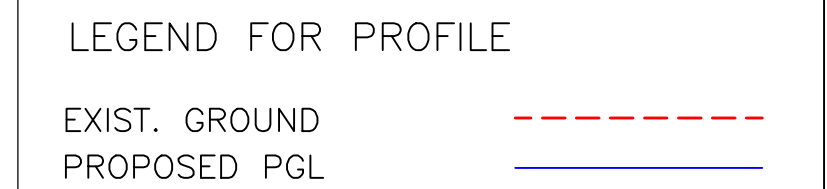
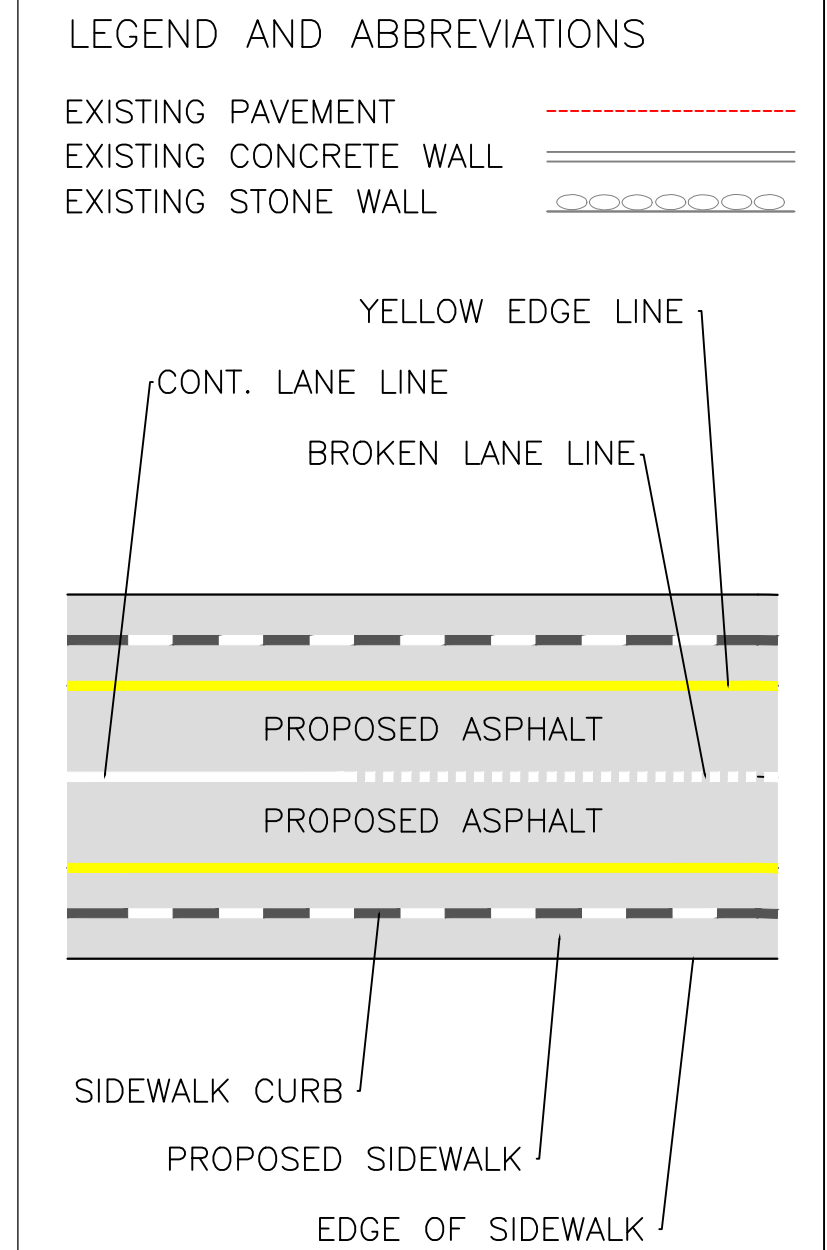
Supervisor :
DR.GHADI ZAKARNEH

Scale :	H: 1/500 V: 1/200	Sheet No.
Date :	05/2013	3





- NOTES :
1. ALL STATIONS, COORDINATES AND LEVELS ARE IN METERS.
 2. DESIGN SPEED IS 50 Km/h



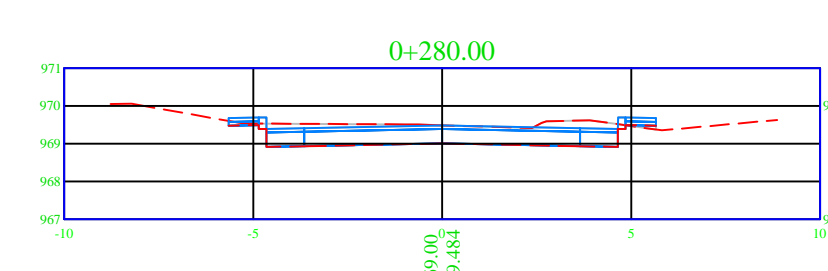
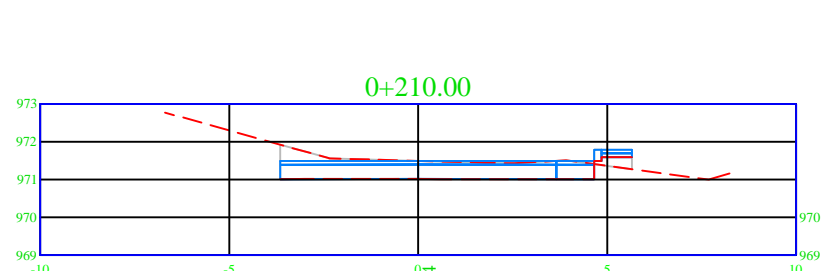
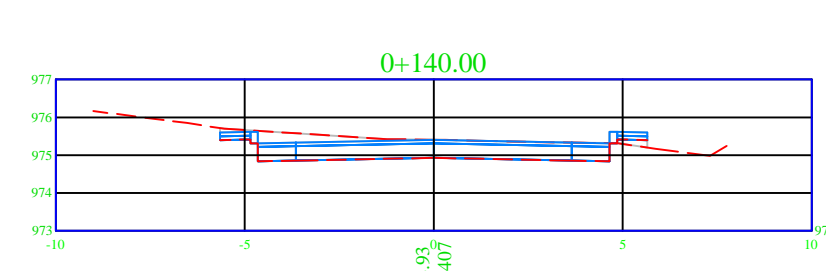
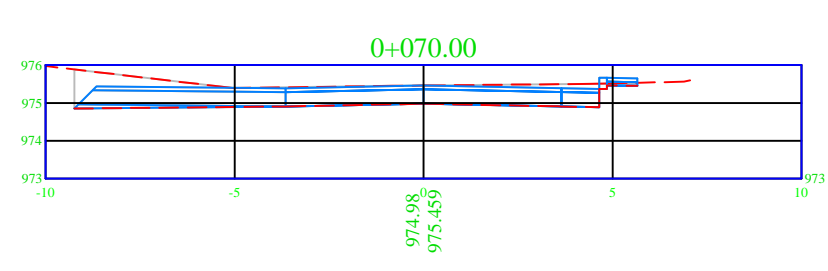
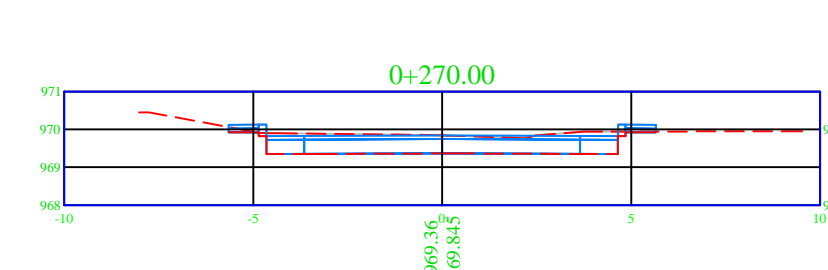
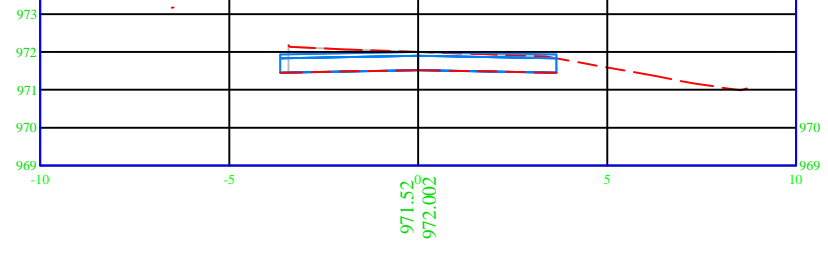
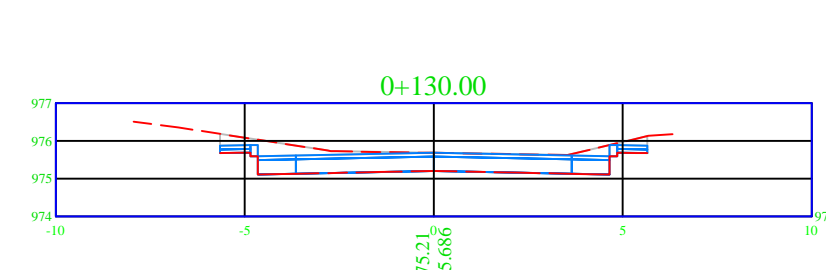
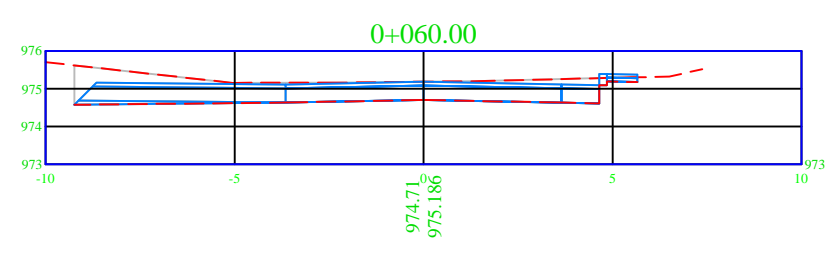
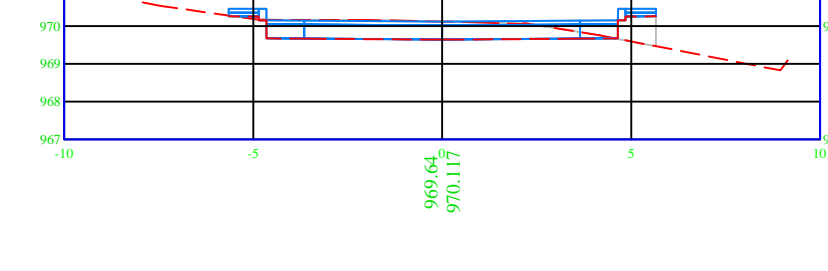
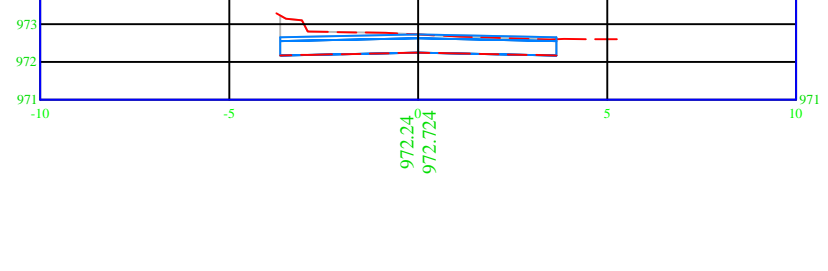
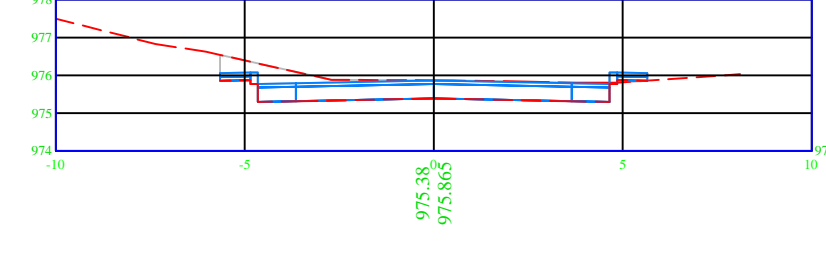
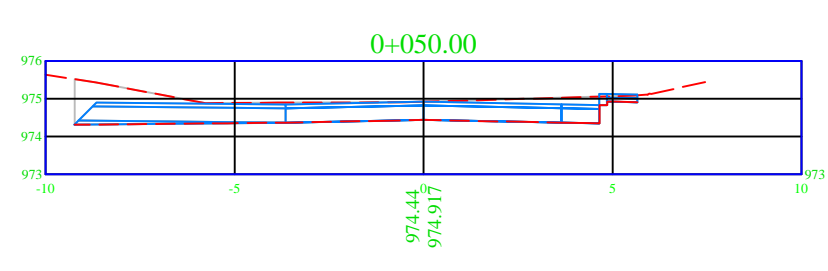
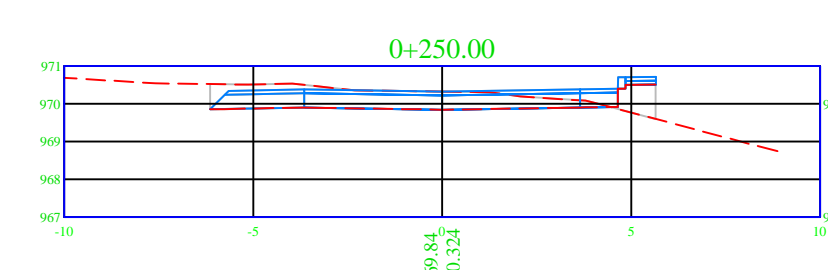
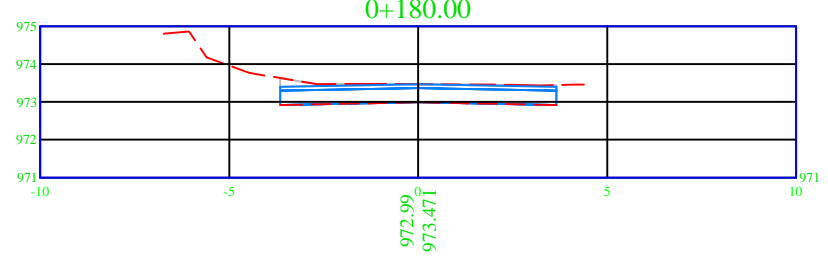
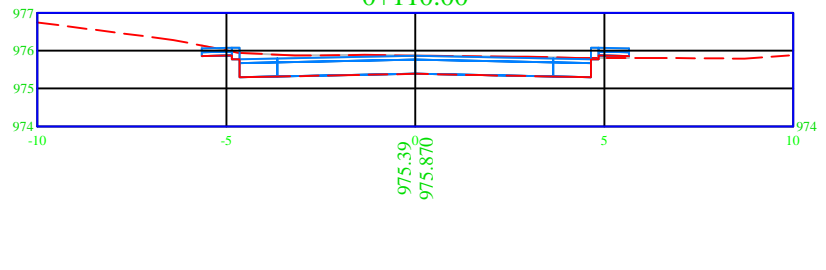
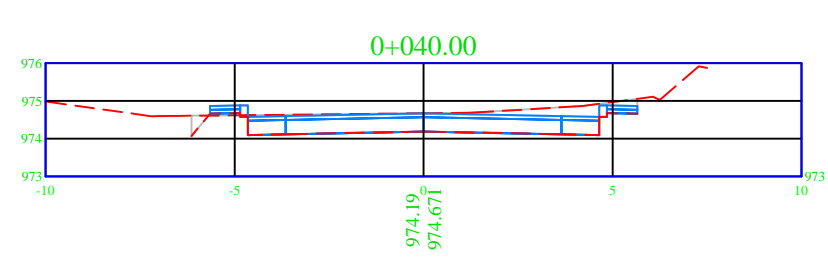
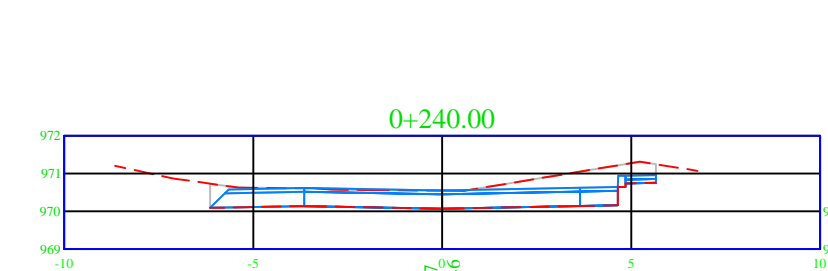
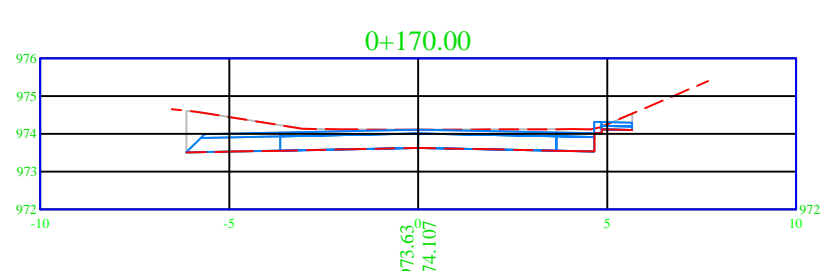
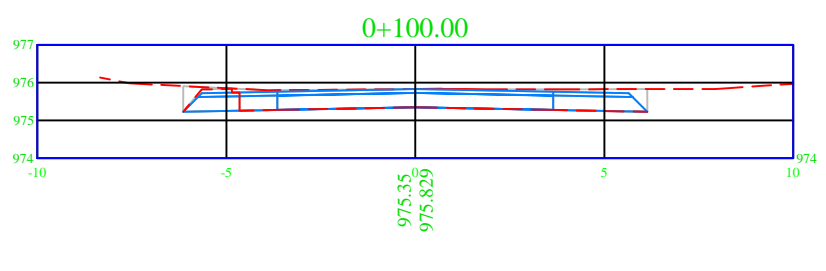
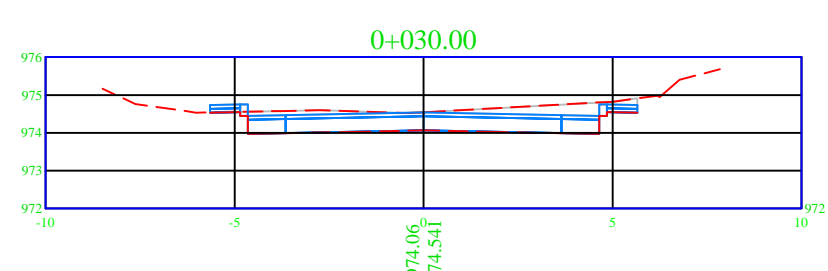
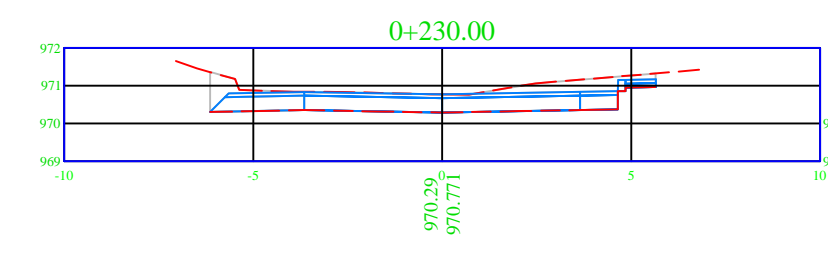
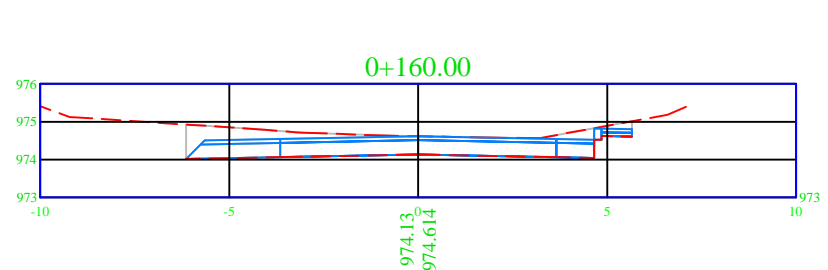
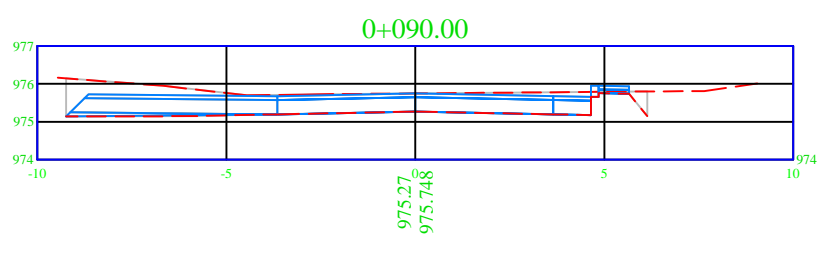
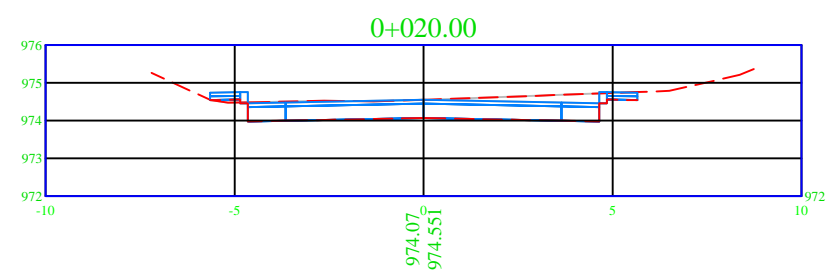
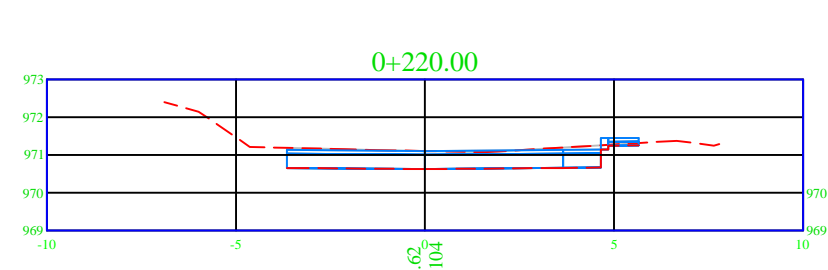
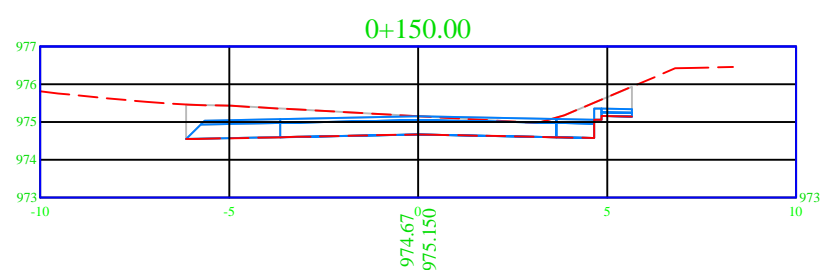
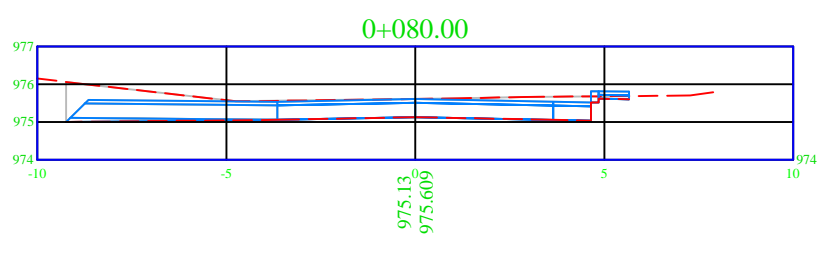
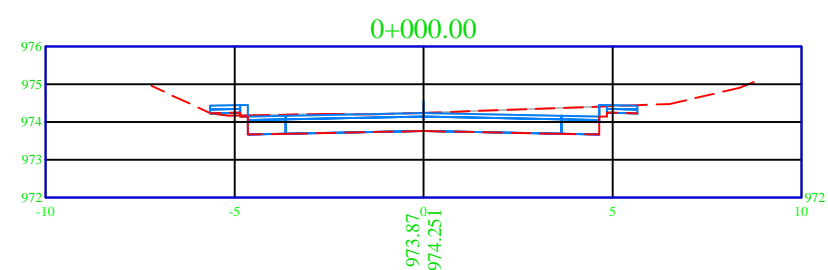
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
PLAN & PROFILES
FROM STA. A 0+900 TO STA. A 1+100

Designed By :
**ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSOUD
TAMER AL-ATRASH**

Supervisor :
DR.GHADI ZAKARNEH

Scale :	H: 1/500 V: 1/200	Sheet No. 4
Date :	05/2013	



1. ALL STATIONS,COORDINATES AND LEVELS ARE IN METERS.
2. DESIGN SPEED IS 50 Km/h

LEGEND AND ABBREVIATIONS

EXIST. GROUND ---
PROPOSED PGL ---



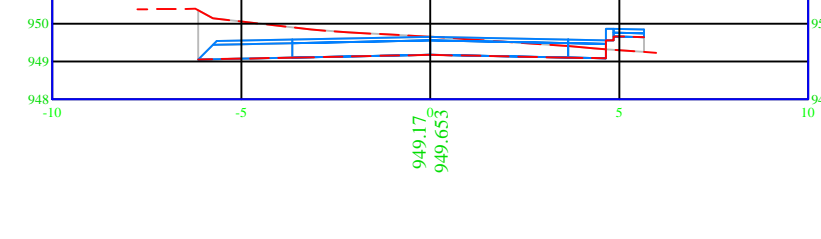
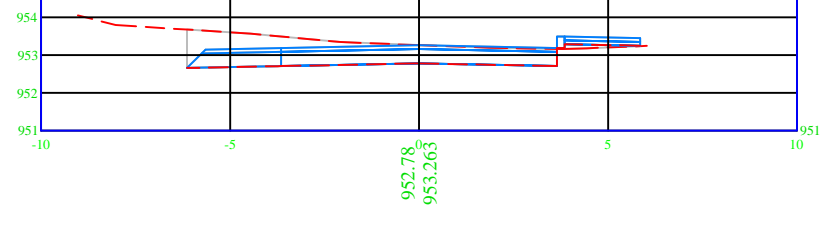
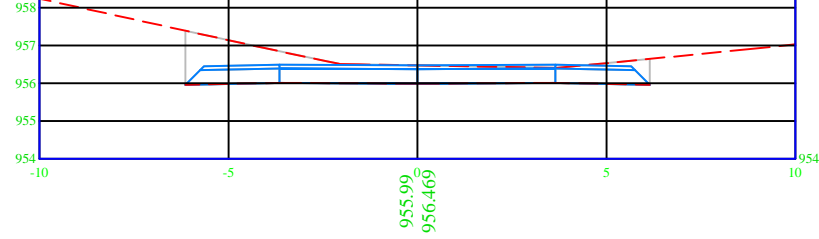
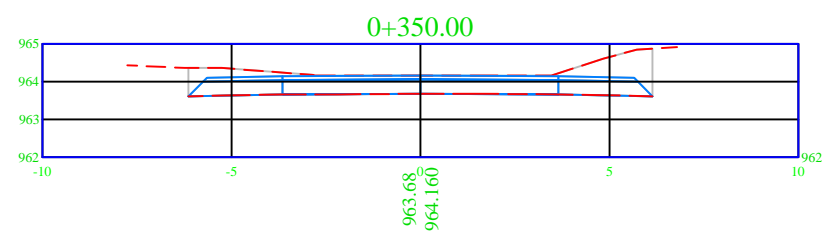
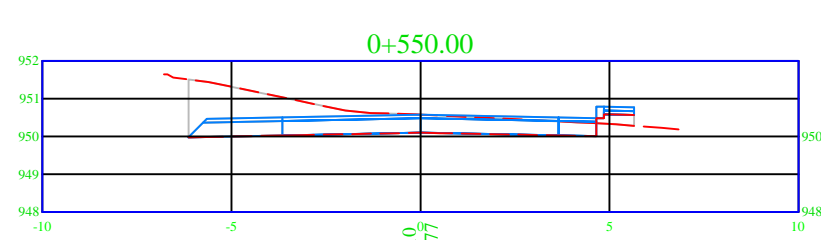
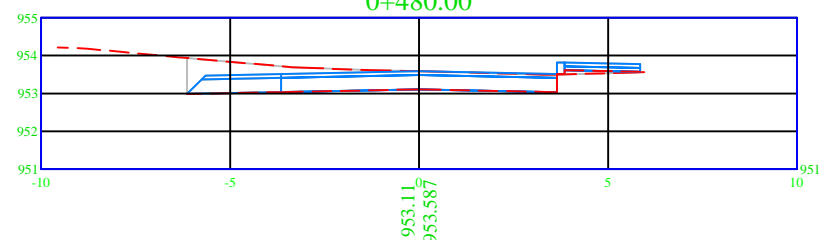
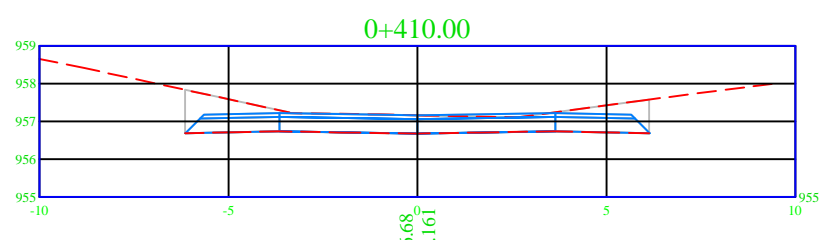
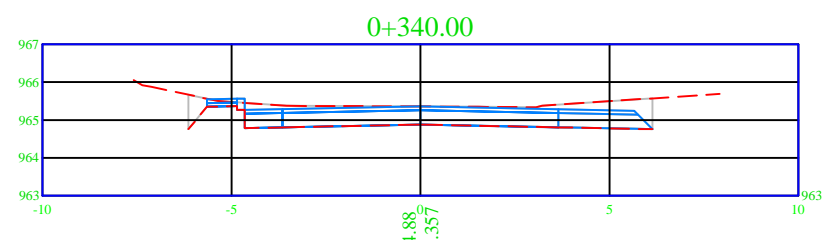
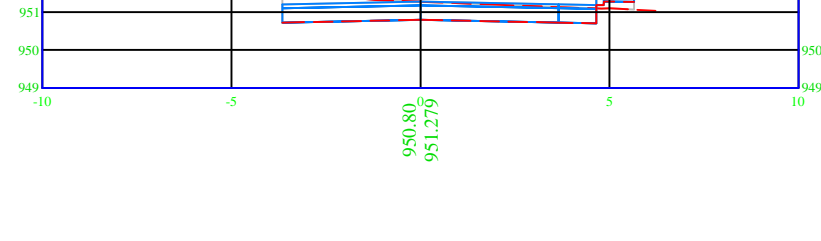
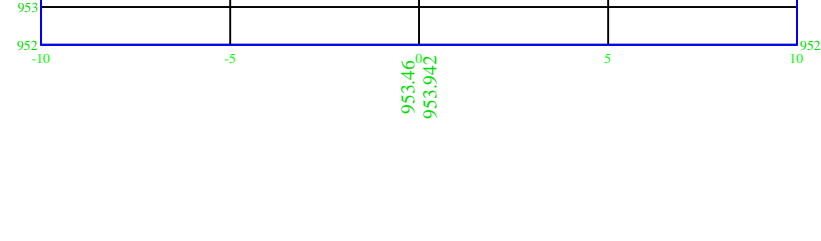
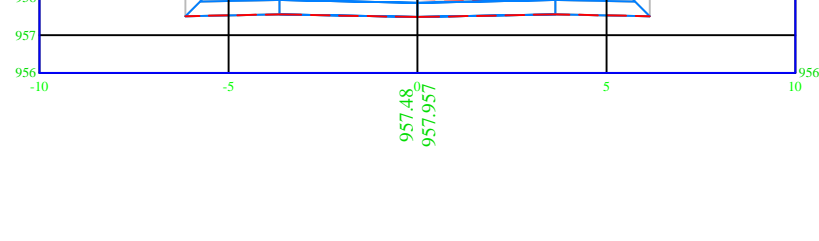
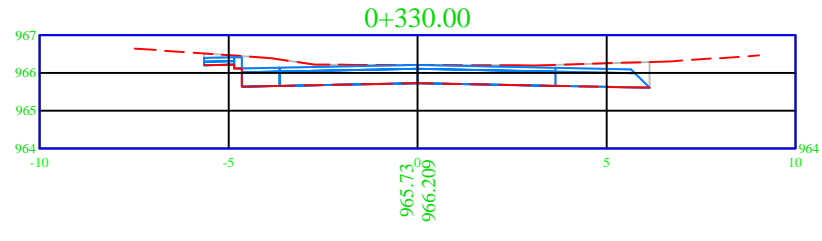
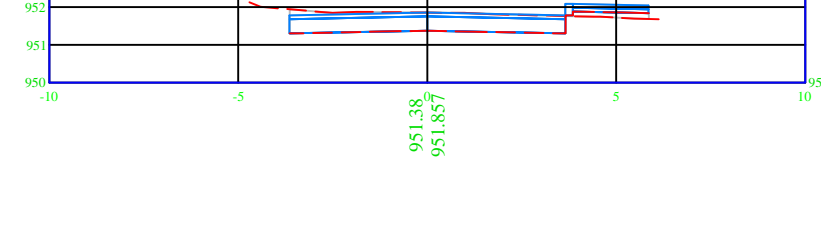
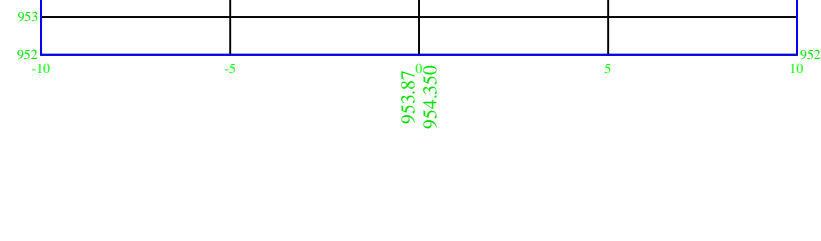
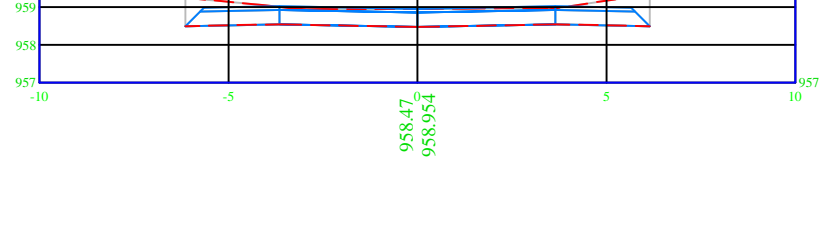
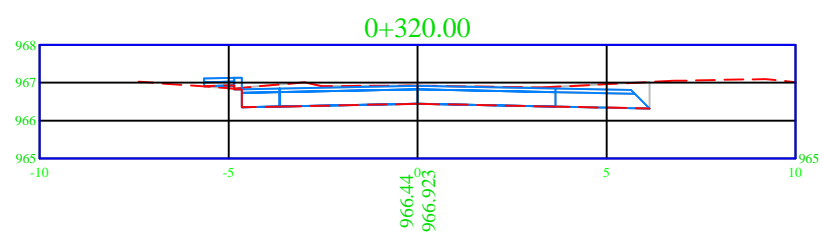
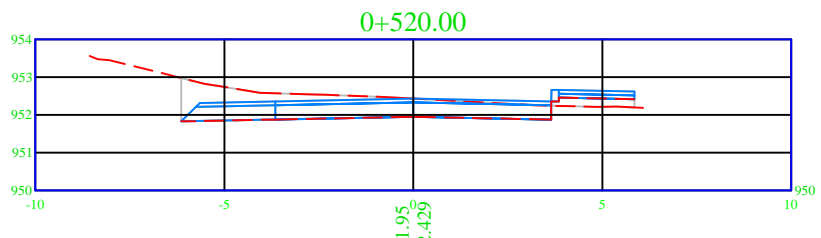
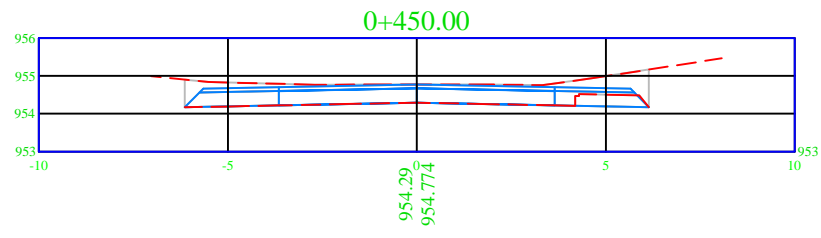
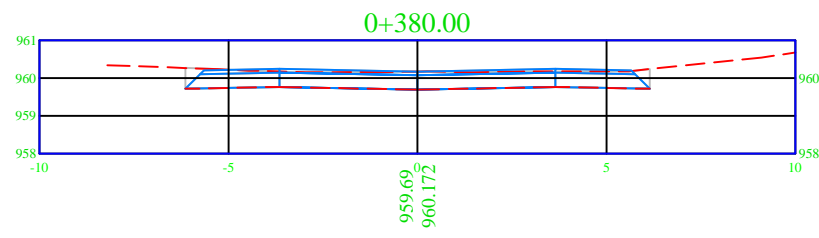
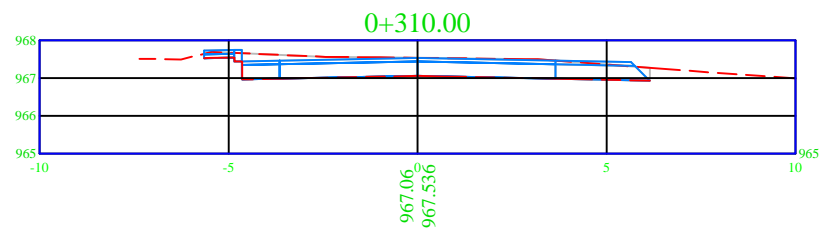
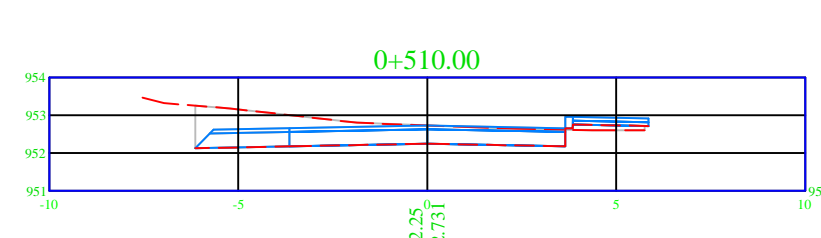
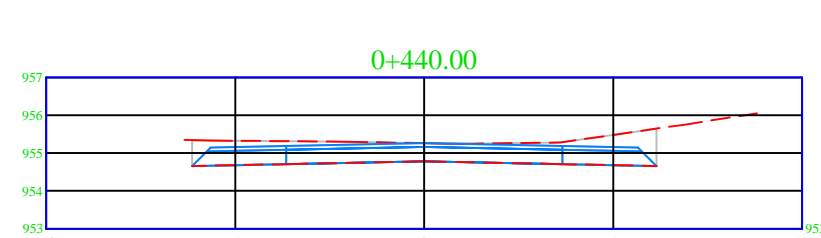
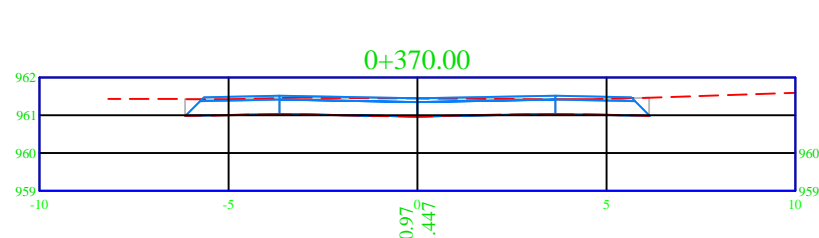
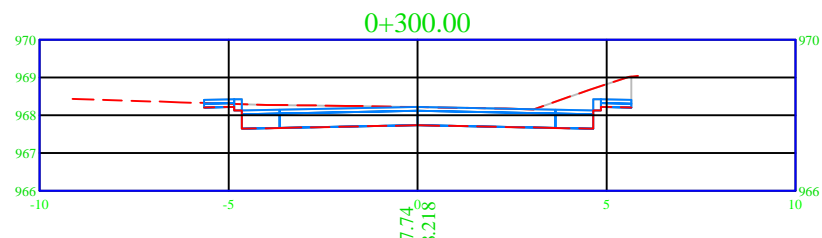
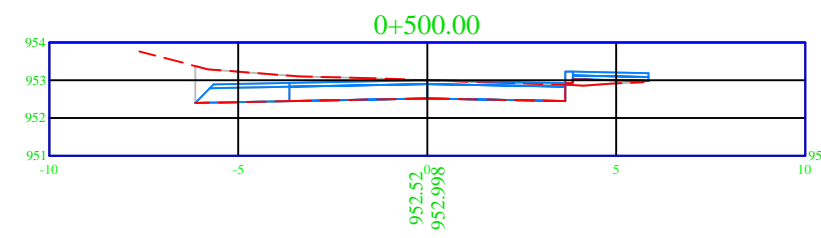
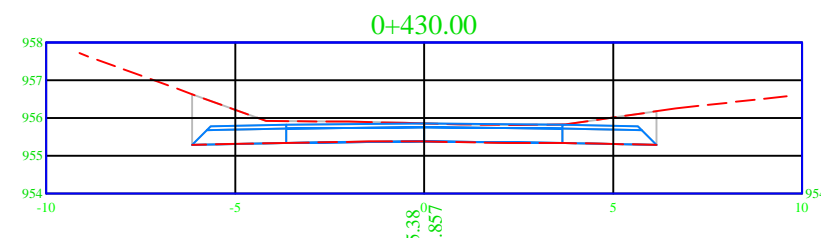
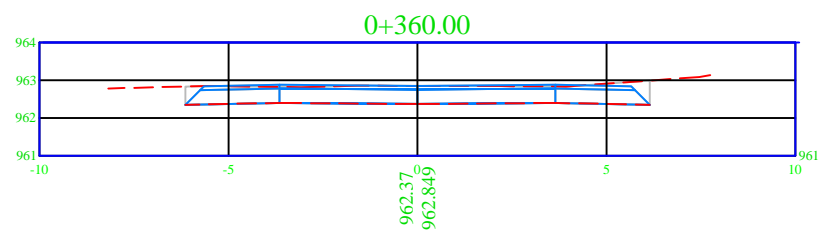
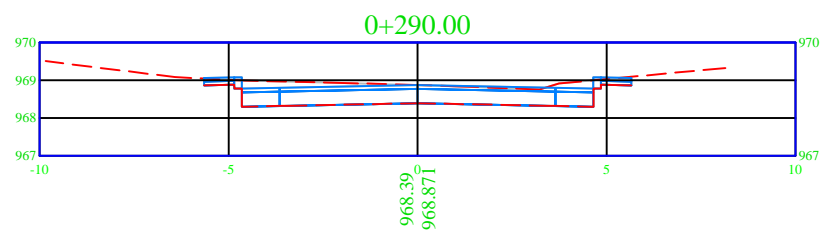
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
CROSS SECTIONS
FROM STA. A 0+000 TO A 0+280

Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSOUD
TAMER AL-ATRASH

Supervisor :
DR.GHADI ZAKARNEH

Scale :	1/200	Sheet No.
Date :	05/2013	6



1. ALL STATIONS,COORDINATES AND LEVELS ARE IN METERS.
2. DESIGN SPEED IS 50 Km/h

LEGEND AND ABBREVIATIONS

EXIST. GROUND ---
PROPOSED PGL ---



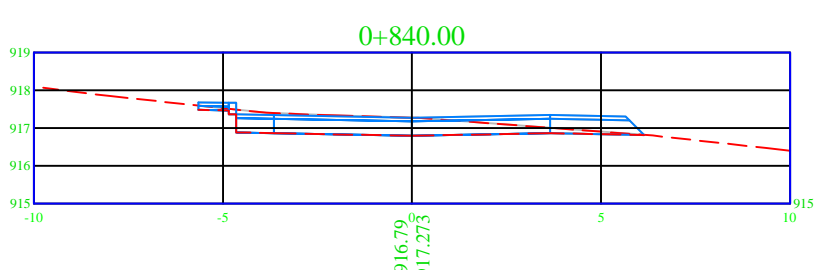
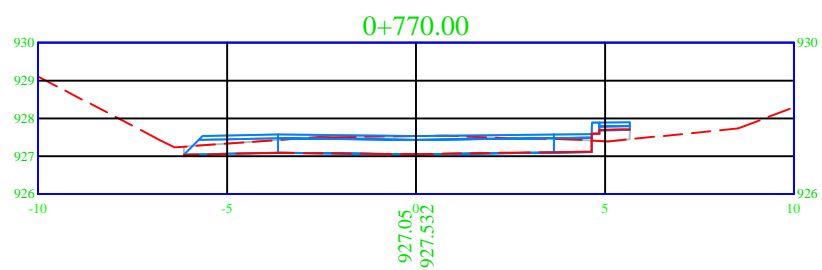
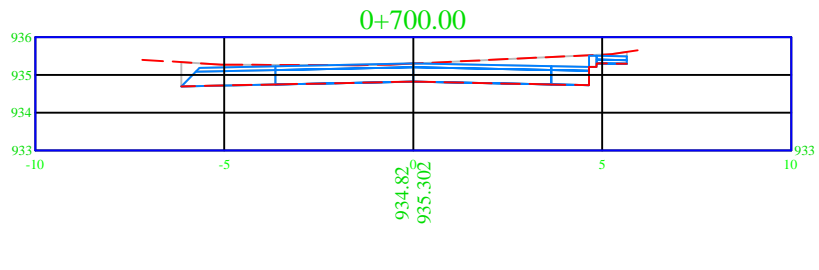
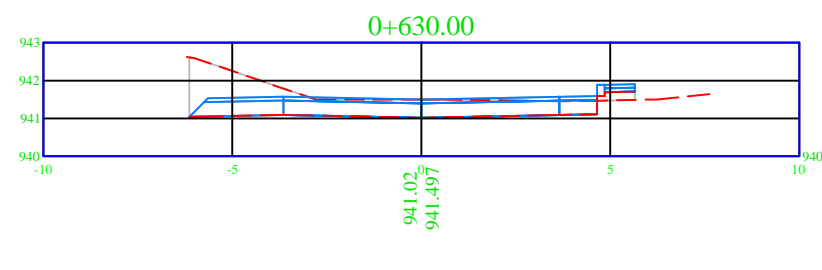
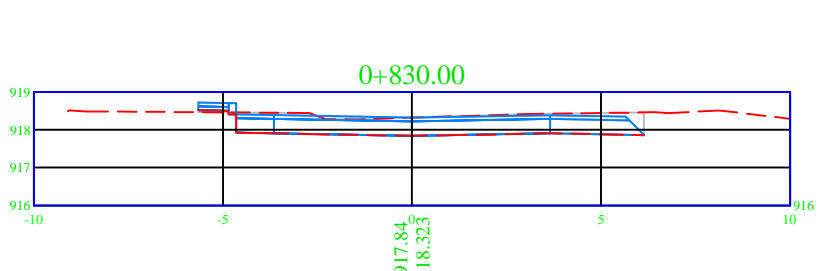
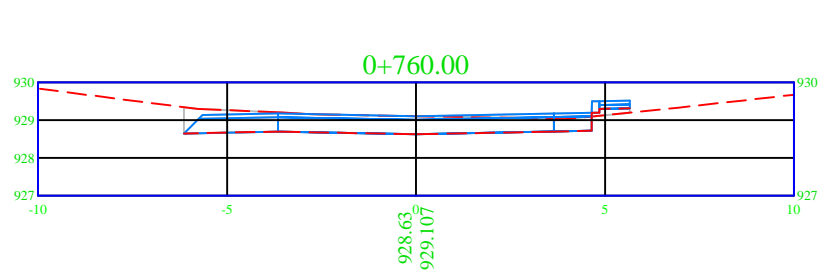
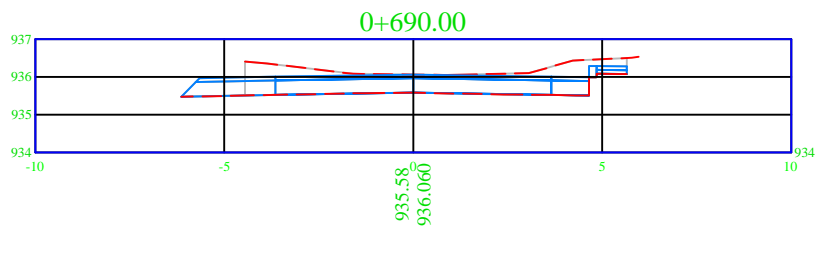
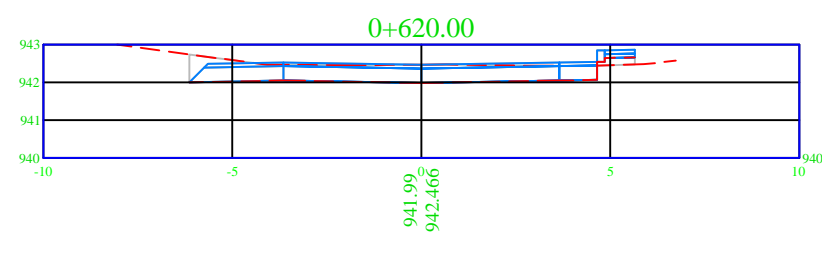
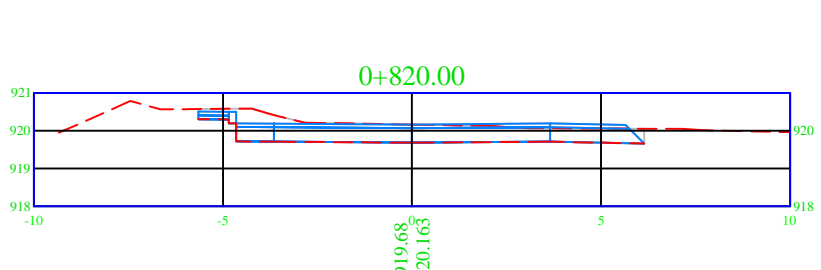
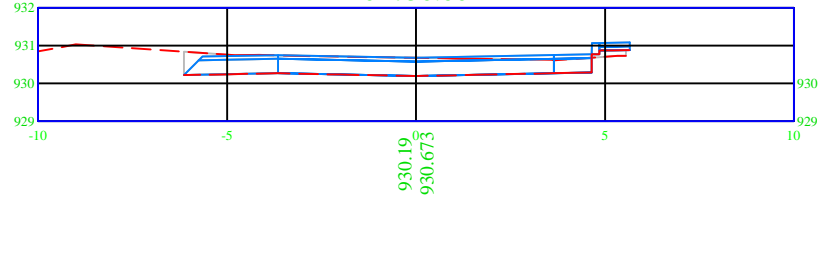
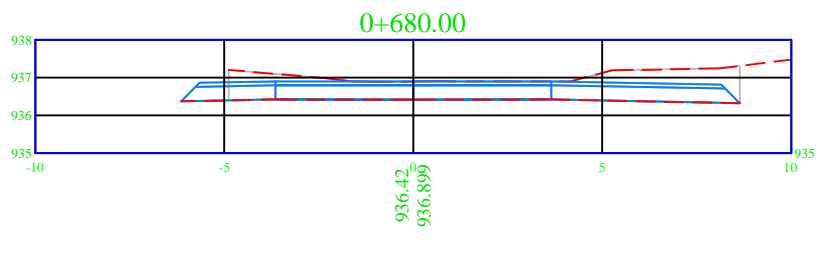
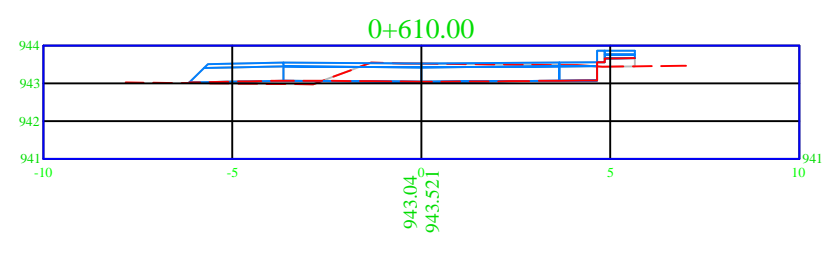
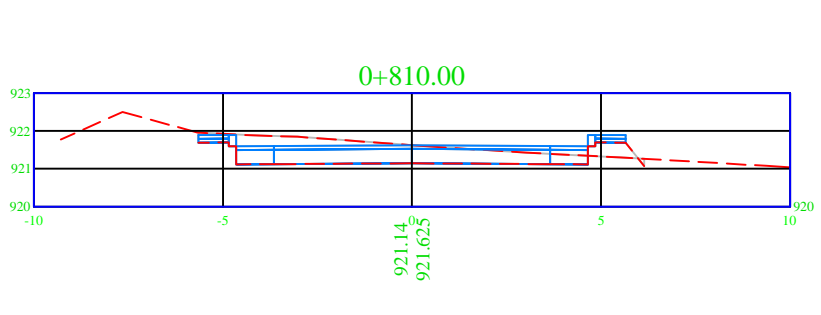
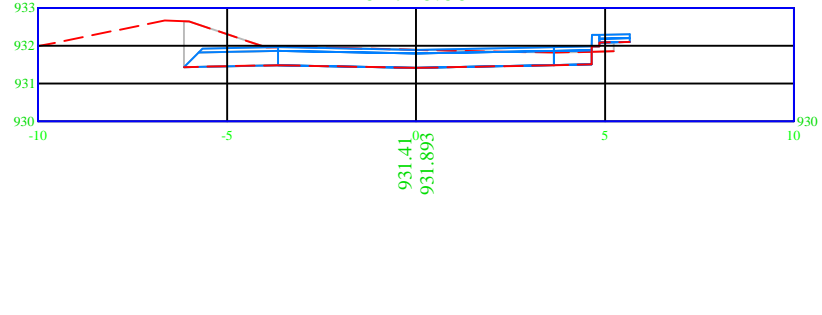
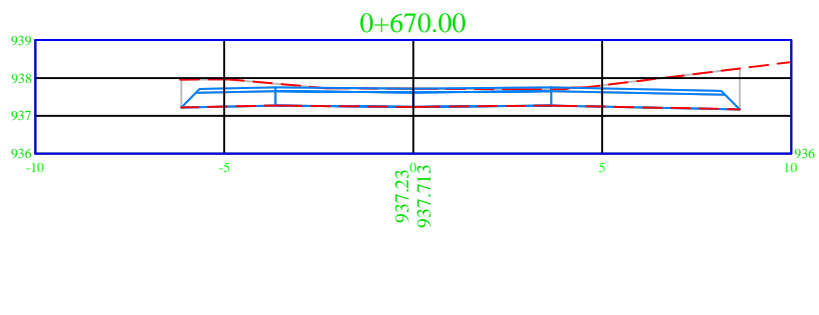
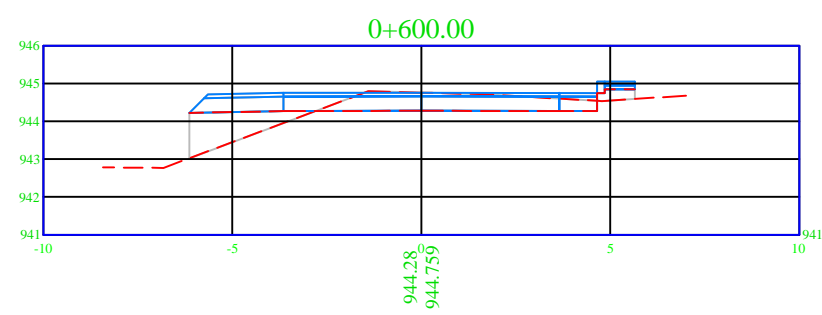
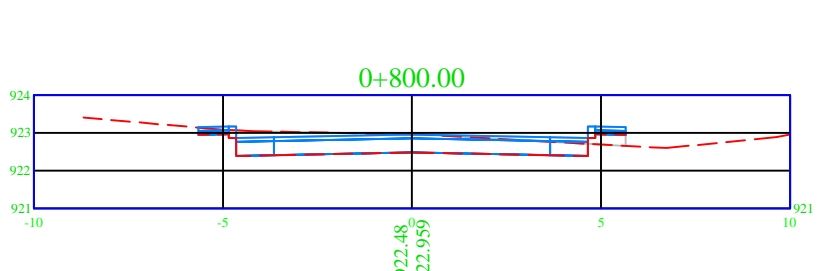
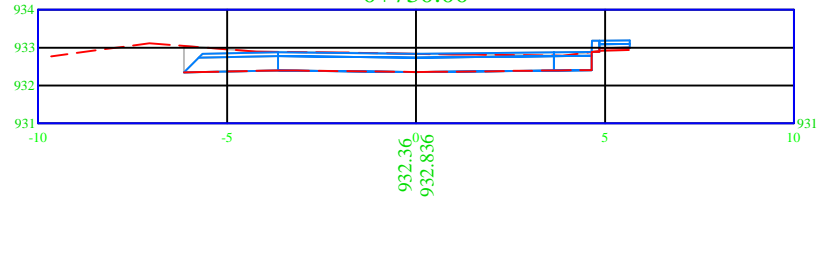
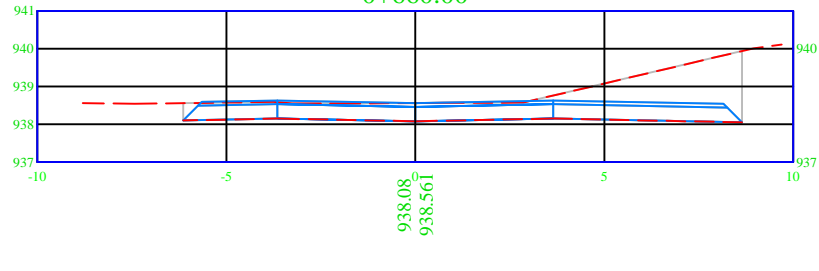
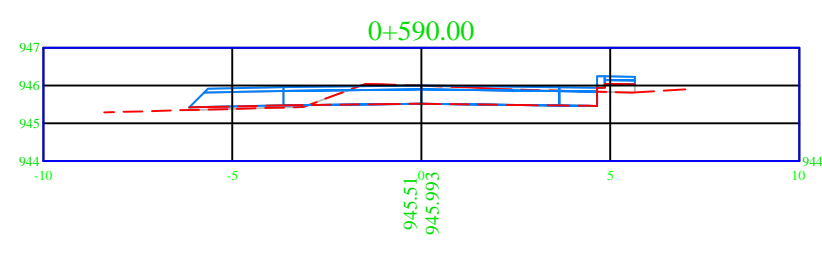
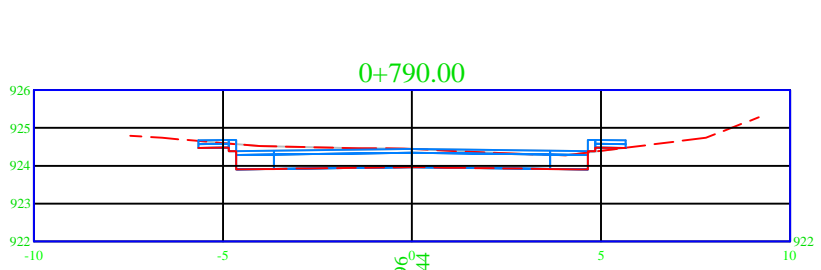
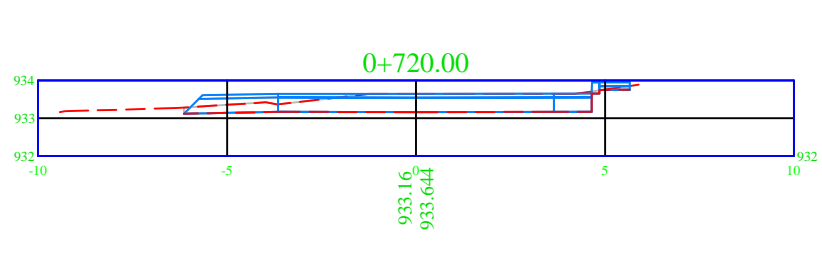
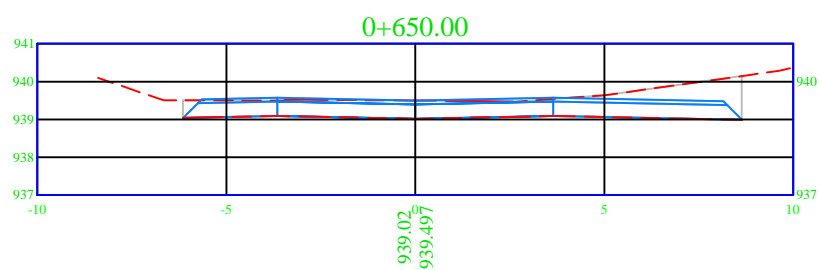
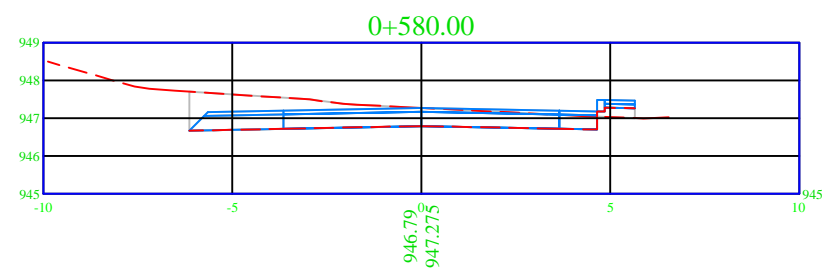
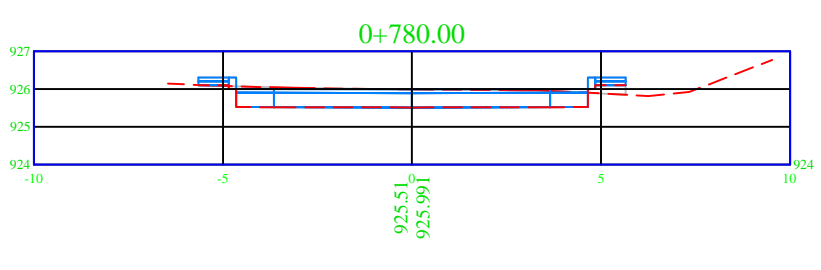
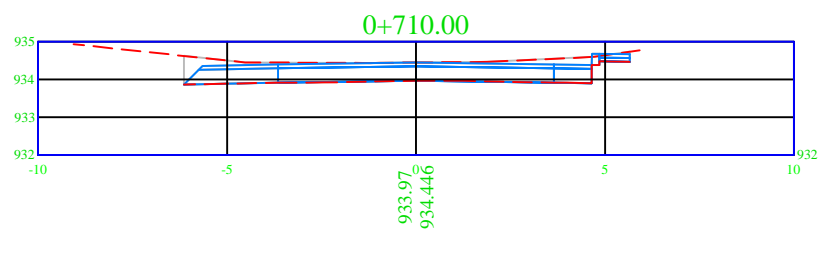
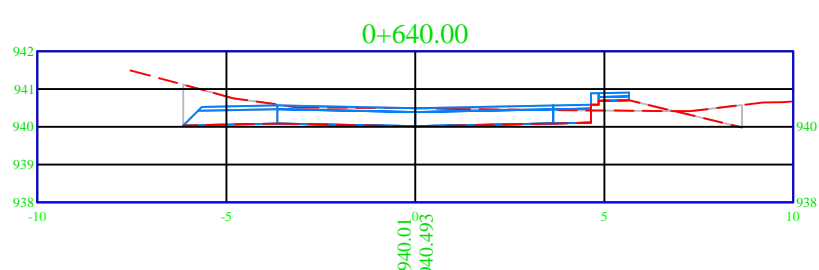
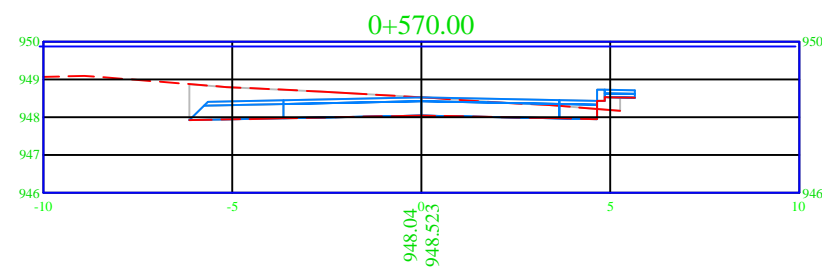
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
CROSS SECTIONS
FROM STA. A 0+290 TO A 0+560

Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSOUD
TAMER AL-ATRASH

Supervisor :
DR.GHADI ZAKARNEH

Scale :	1/200	Sheet No.
Date :	05/2013	7



1. ALL STATIONS,COORDINATES AND LEVELS ARE IN METERS.
2. DESIGN SPEED IS 50 Km/h

LEGEND AND ABBREVIATIONS

EXIST. GROUND ---
PROPOSED PGL ---



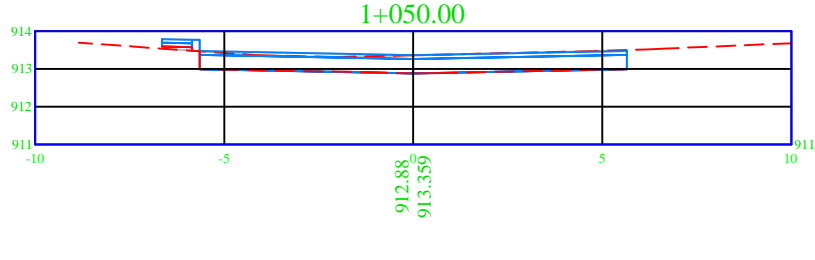
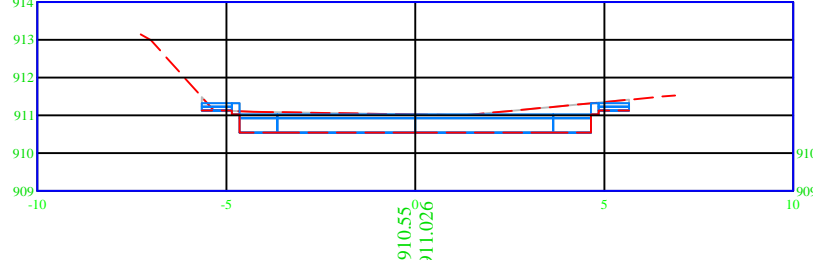
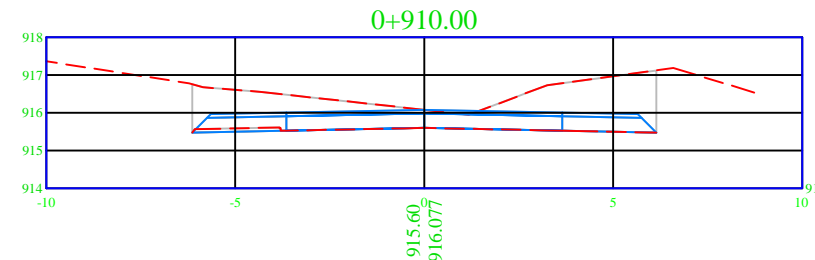
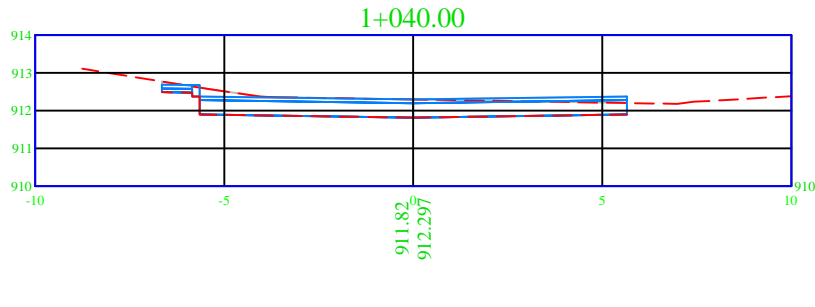
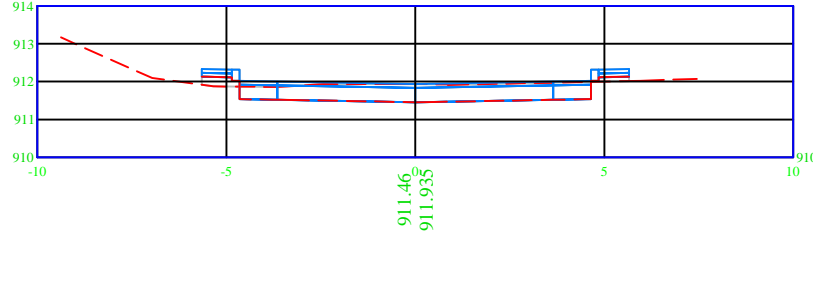
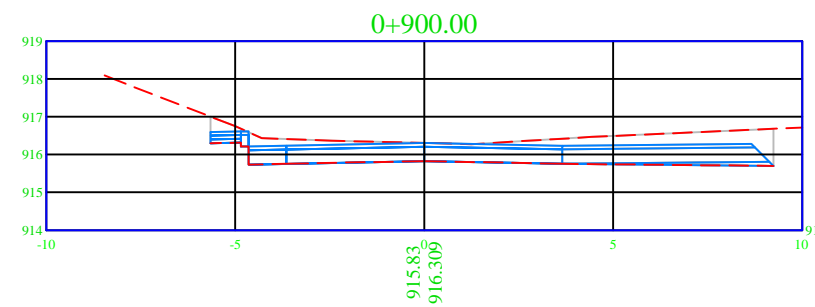
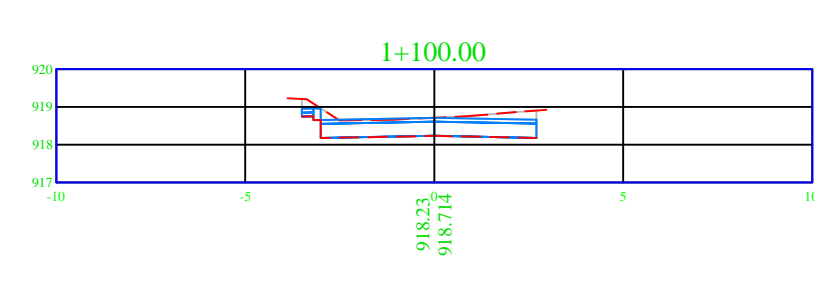
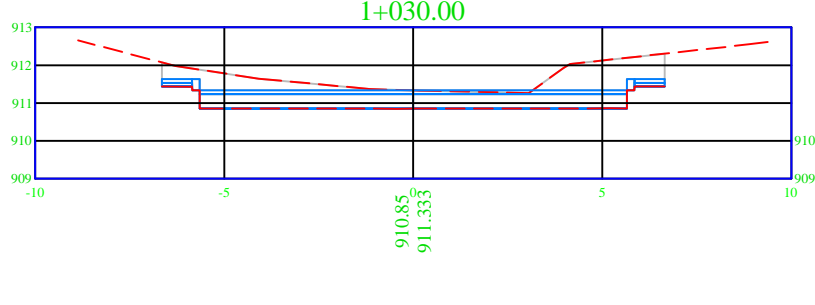
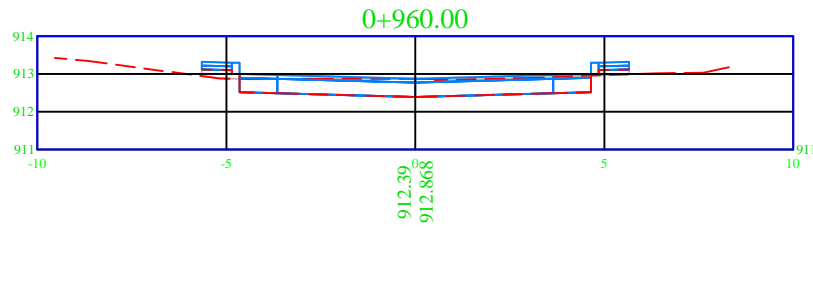
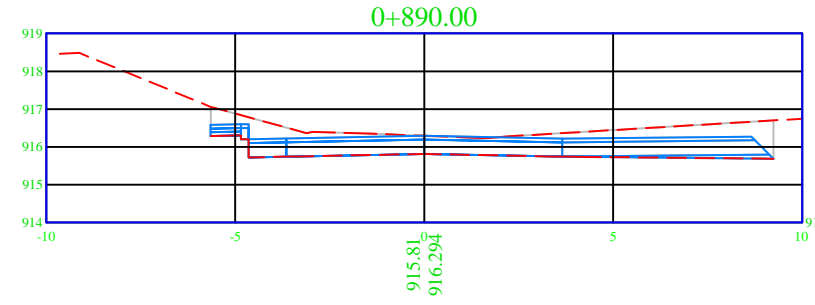
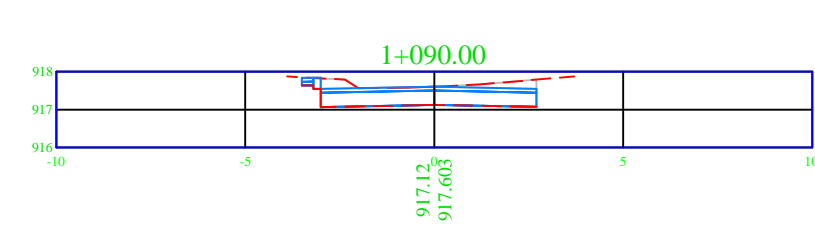
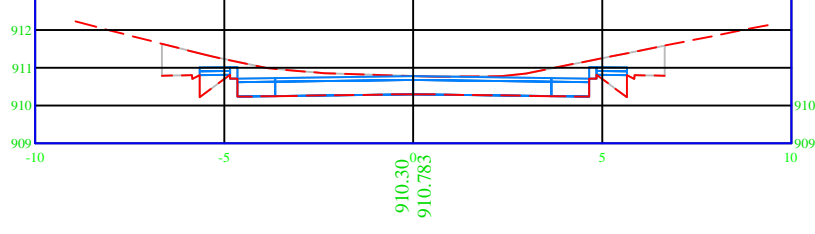
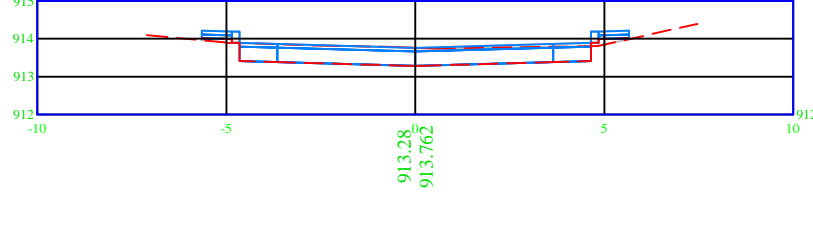
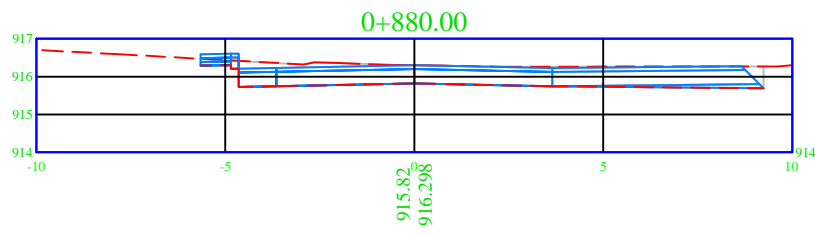
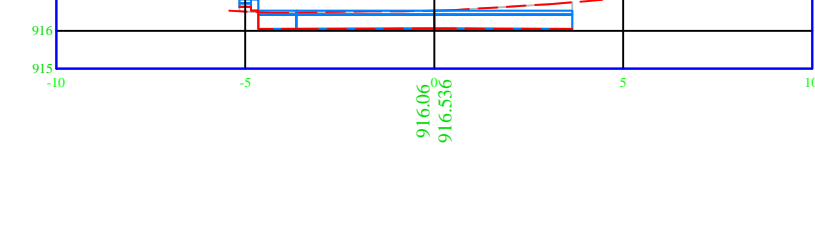
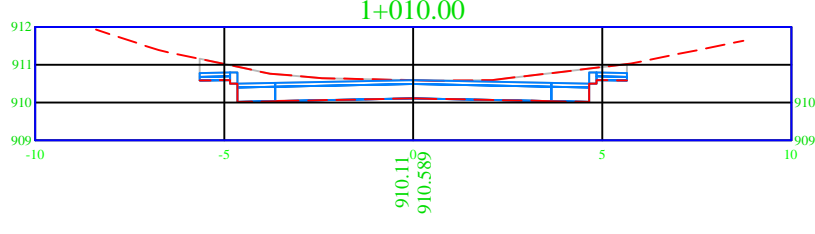
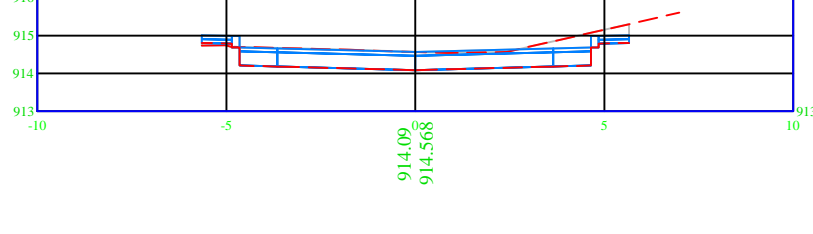
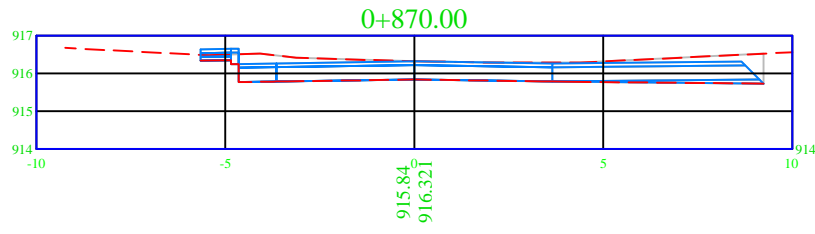
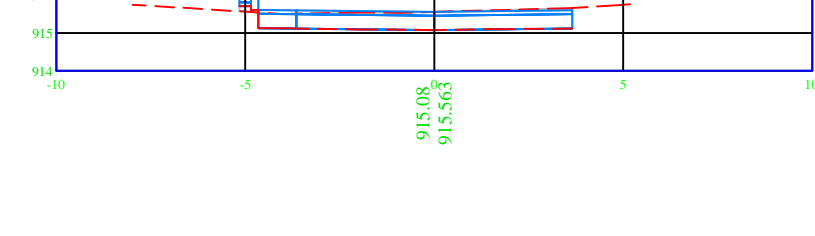
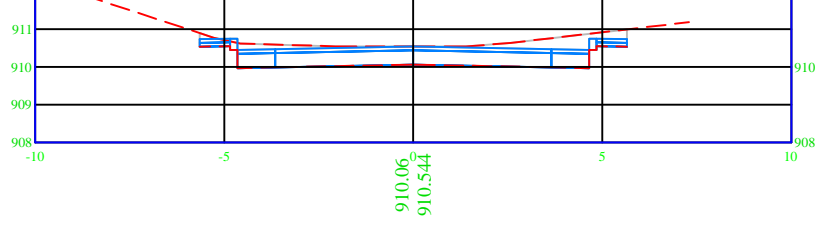
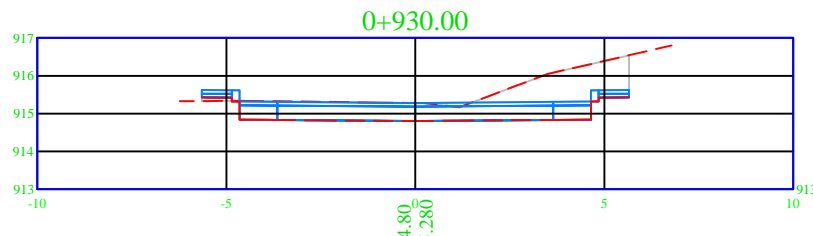
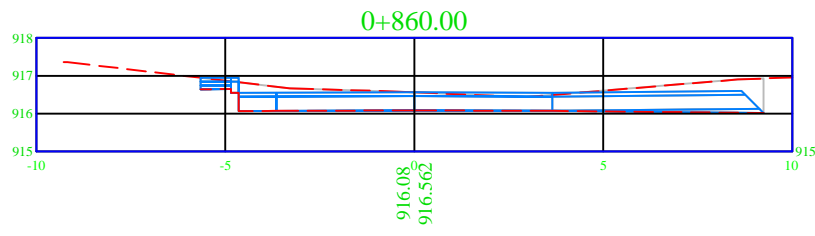
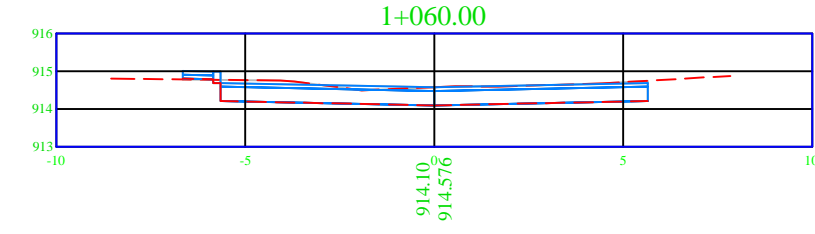
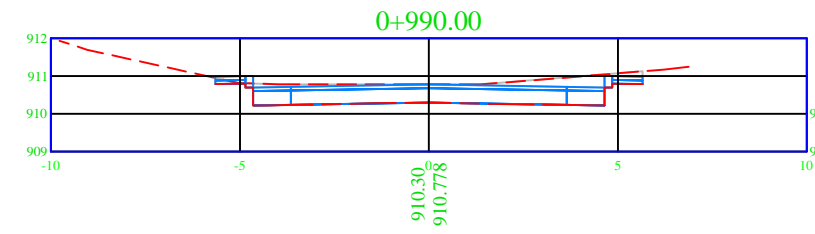
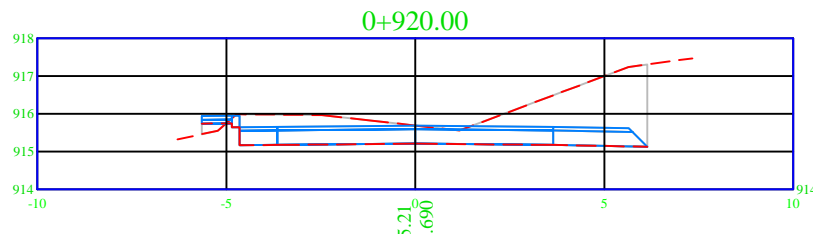
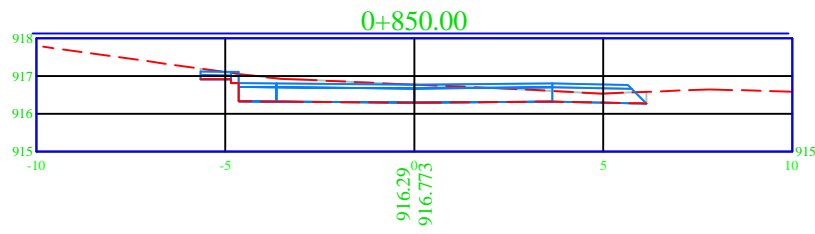
Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
CROSS SECTIONS
FROM STA. A 0+570 TO A 0+840

Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSOUD
TAMER AL-ATRASH

Supervisor :
DR.GHADI ZAKARNEH

Scale :	1/200	Sheet No.
Date :	05/2013	8



1. ALL STATIONS,COORDINATES AND LEVELS ARE IN METERS.
2. DESIGN SPEED IS 50 Km/h

LEGEND AND ABBREVIATIONS

EXIST. GROUND ---
PROPOSED PGL ---



Palestine Polytechnic University
Engineering College
Civil & Architecture Dept.

Drawing Title :
CROSS SECTIONS
FROM STA. A 0+850 TO A 1+100

Designed By :
ABED EL-KAREEM AL NAJAJREH
MUSTAFA AL-ZEER
LAITH ABU-ALSOUD
TAMER AL-ATRASH

Supervisor :
DR.GHADI ZAKARNEH

Scale :	1/200	Sheet No. 9
Date :	05/2013	