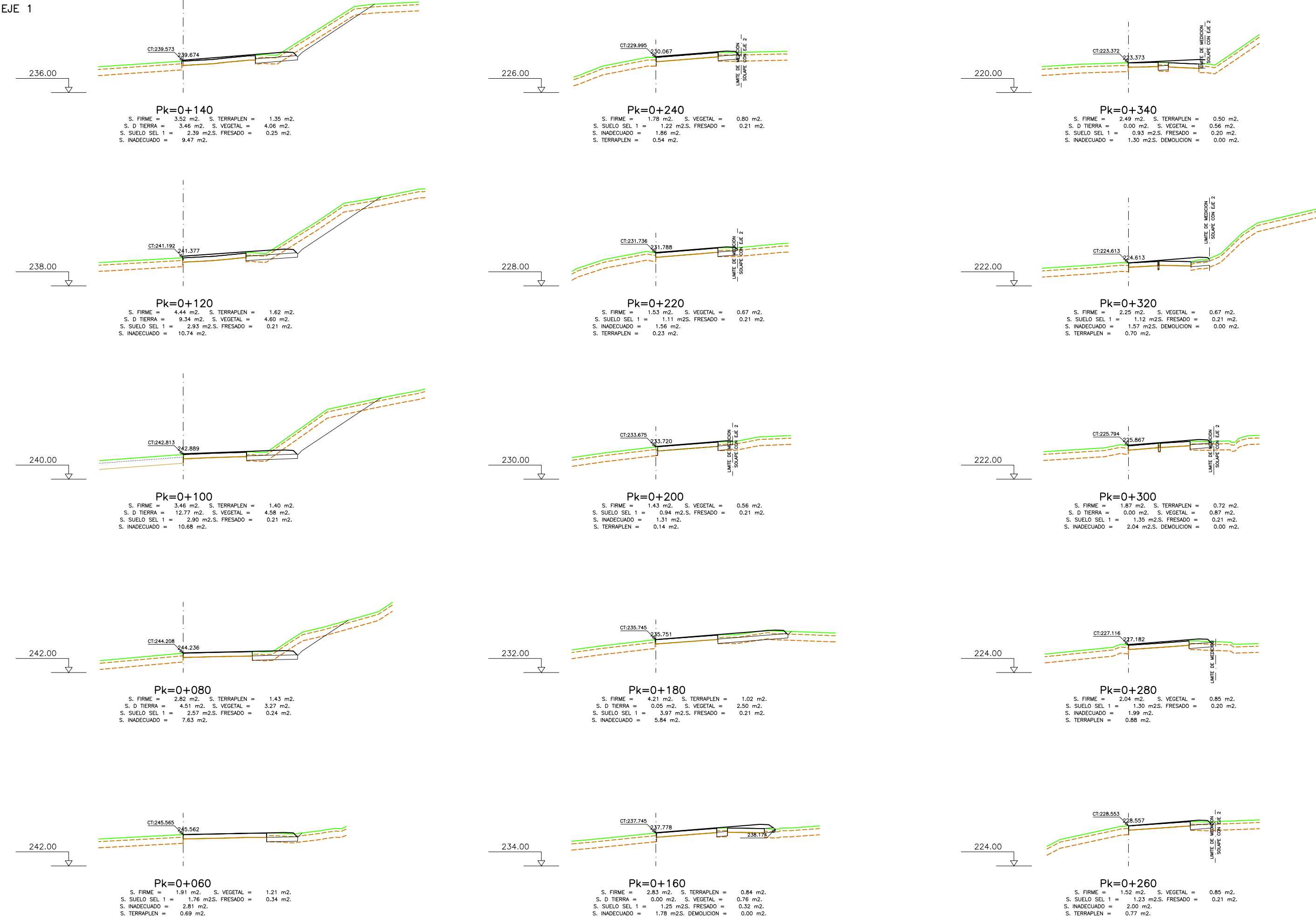
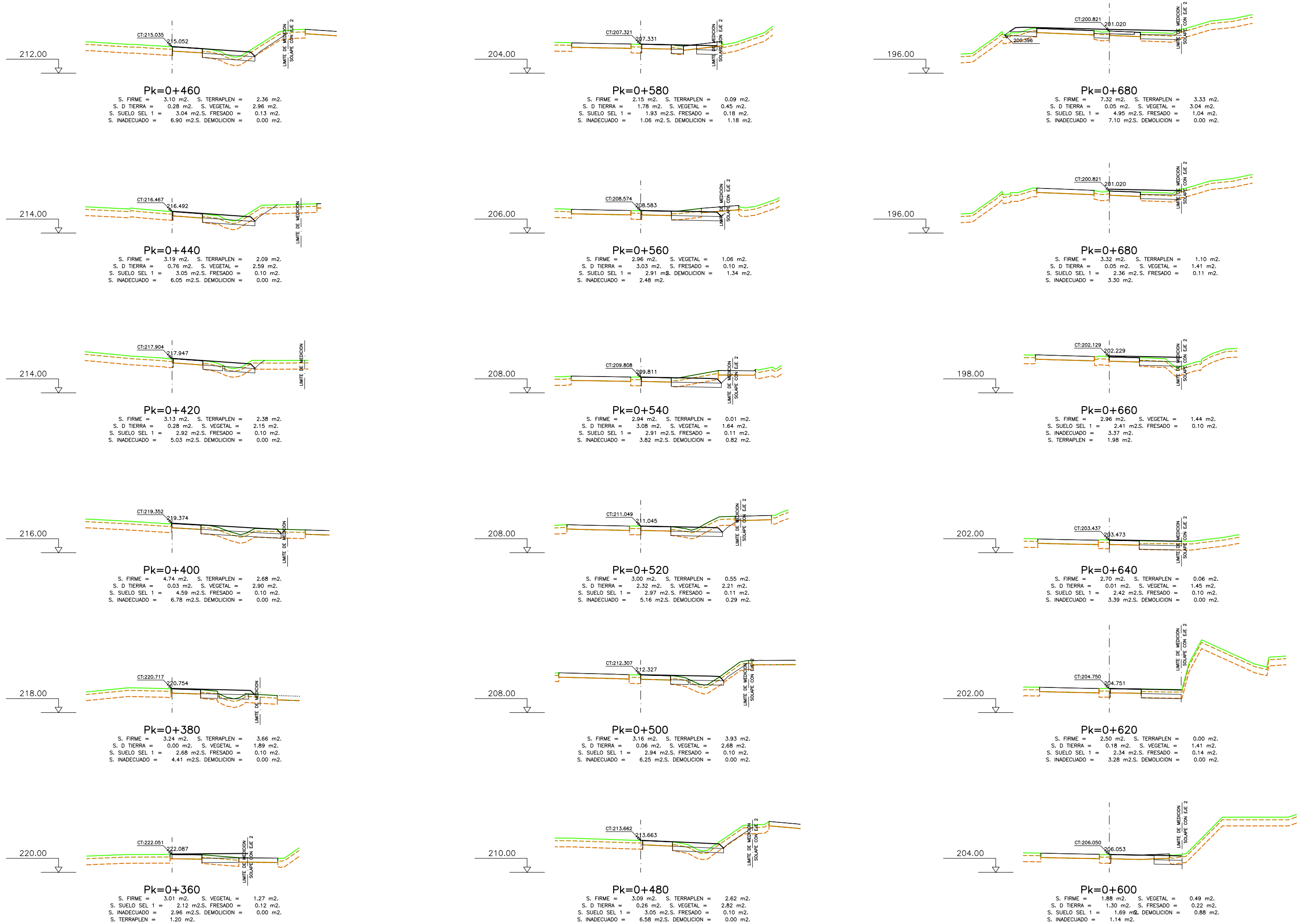


EJE 1



| REV. | FECHA      | CREACIÓN | SUPERVISIÓN | DESCRIPCIÓN | A.F.V.     | A.F.V.     |
|------|------------|----------|-------------|-------------|------------|------------|
|      |            |          |             |             |            |            |
| 1    | 29/05/2020 | 0        | 22/01/2020  | 29/05/2020  | 22/01/2020 | 29/05/2020 |

EJE 1



| REV. | FECHA      |            | DESCRIPCIÓN            | A.F.V.    | A.F.V.   |
|------|------------|------------|------------------------|-----------|----------|
|      | 29/05/2020 | 22/01/2020 |                        |           |          |
| 1    | 0          | 0          | REVISIONES SUPERVISIÓN | REVISADO  | APROBADO |
| 0    | 0          | 0          | CREACIÓN               | PREPARADO | REVISADO |



ASPIEGITURARAKO ETA  
LURRALDE GARAPENERAKO SAILA  
DEPARTAMENTO DE  
DE INFRAESTRUCTURAS Y  
DESARROLLO TERRITORIAL

LURRALDE GARAPENERAKO  
ZUZENDARITZA NAGUSIA  
DIRECCION GENERAL DE  
DESARROLLO TERRITORIAL

ASPIEGITURAK GARATZEKO  
ZUZENDARITZA NAGUSIA  
SUBDIRECCION GENERAL DE  
INFRAESTRUCTURAS

PLANGINTZAREN ETA  
PROIEKTUEN ZERBITZUA  
SERVICIO DE PLANEAMIENTO  
Y PROYECTOS

EGITAMJAREN ZUZENDARITZA  
DIRECCION DEL PROYECTO

AHOLKULARIA  
CONSULTOR  
ALEJANDRA FERNÁNDEZ VALLEDOR  
Ingeniera de caminos, canales y puertos

EGITAMJAREN TITULUA / TÍTULO DEL PROYECTO  
PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL  
TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCCIÓN DE LA CONGESTIÓN Y FAVORECER  
LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

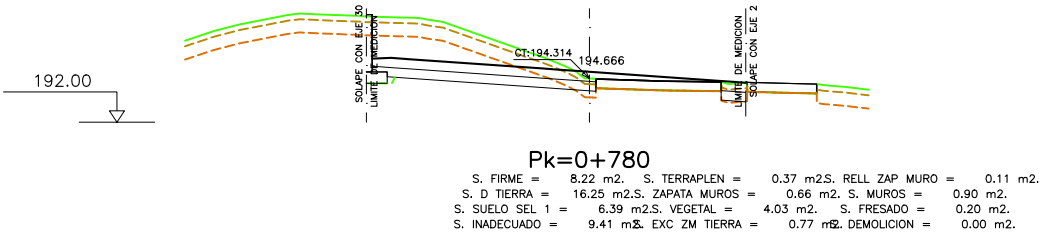
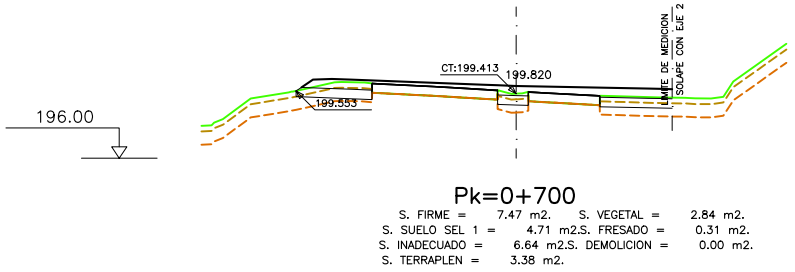
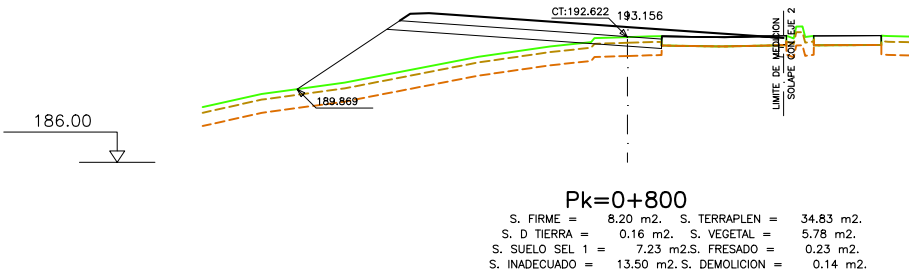
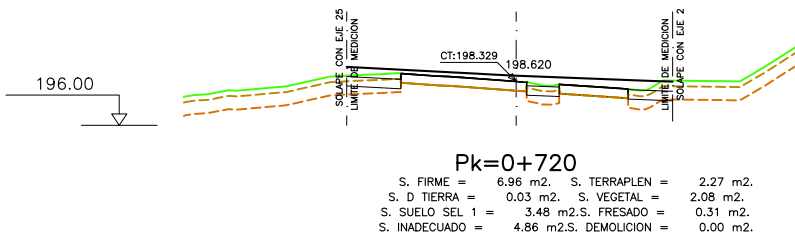
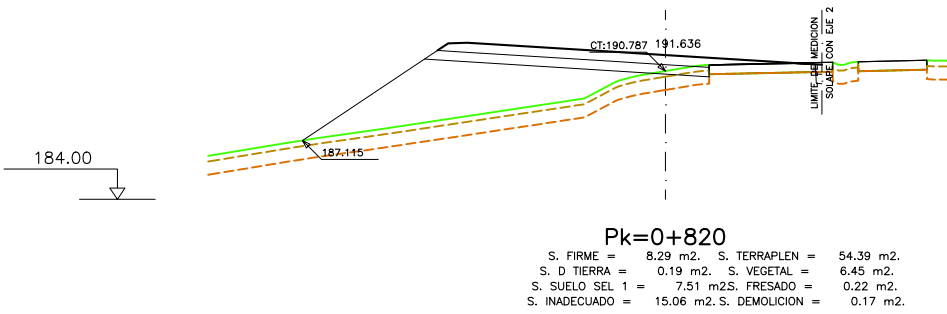
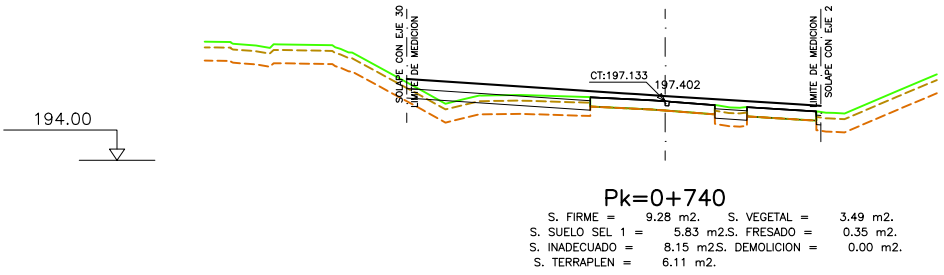
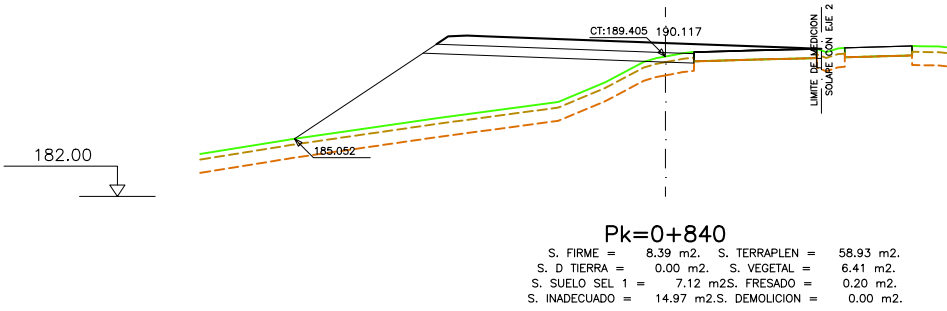
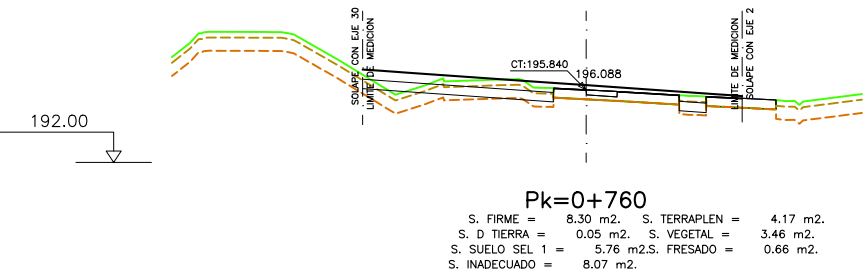
GAKOA  
CLAVE  
DATA  
FECHA  
MAYO 2020

IZENDURA / DESIGNACIÓN  
PERFILES TRANSVERSALES  
EJE-1 TRONCO

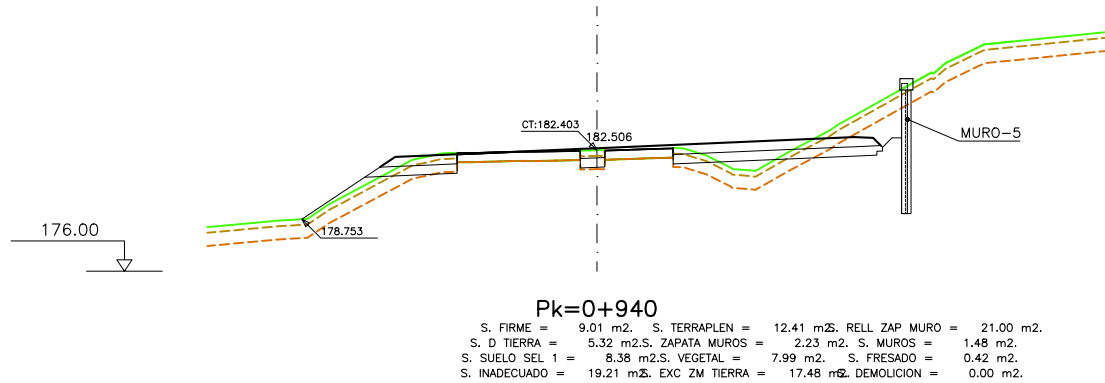
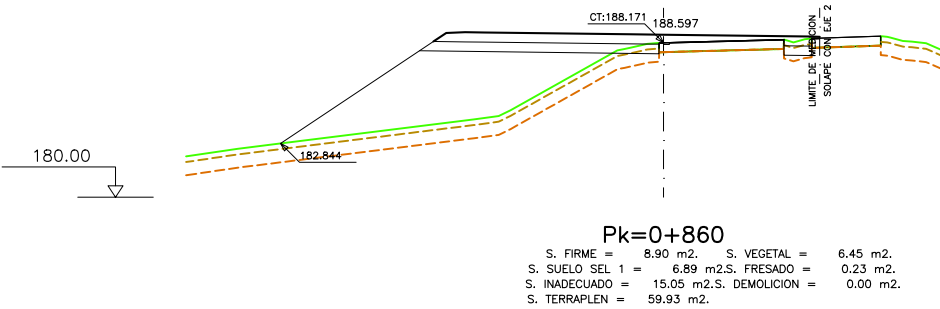
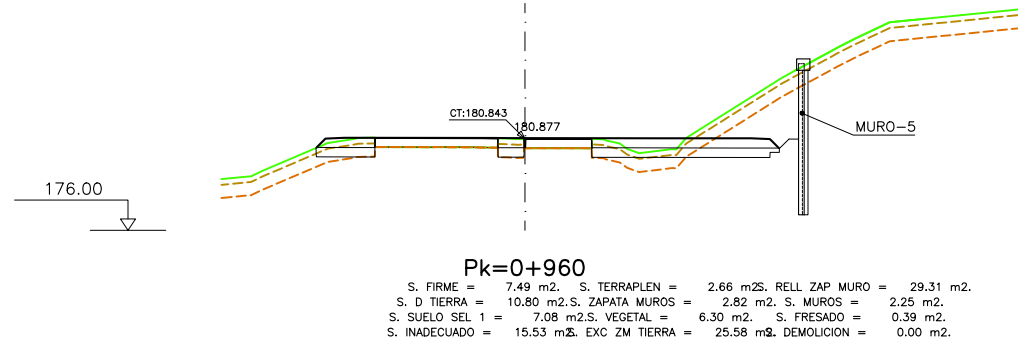
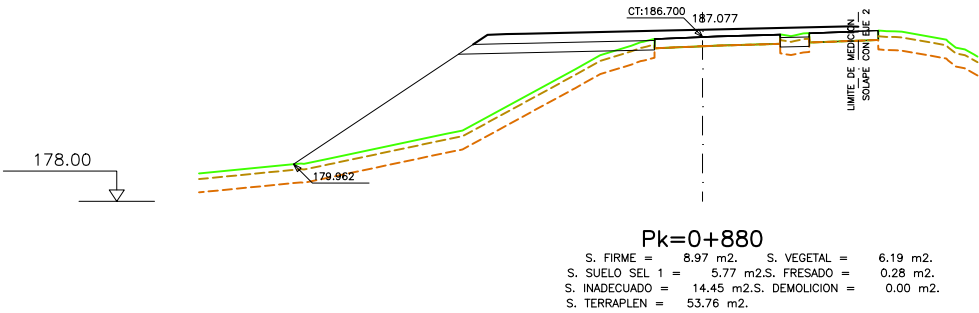
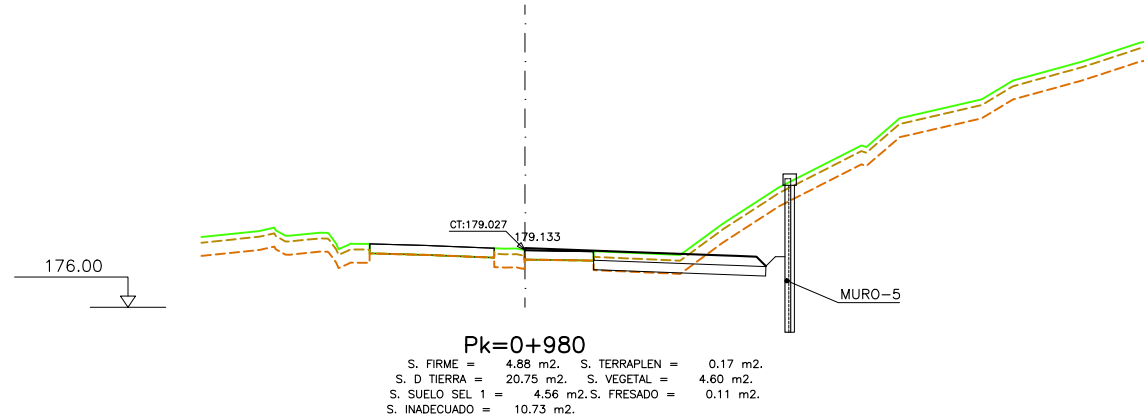
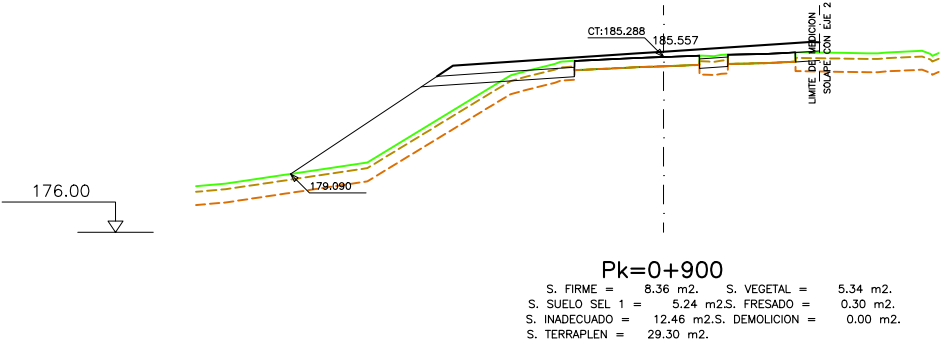
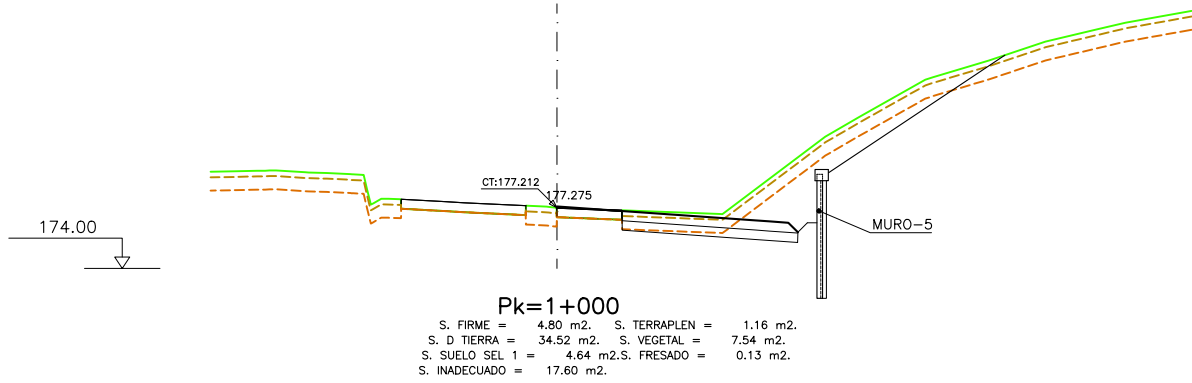
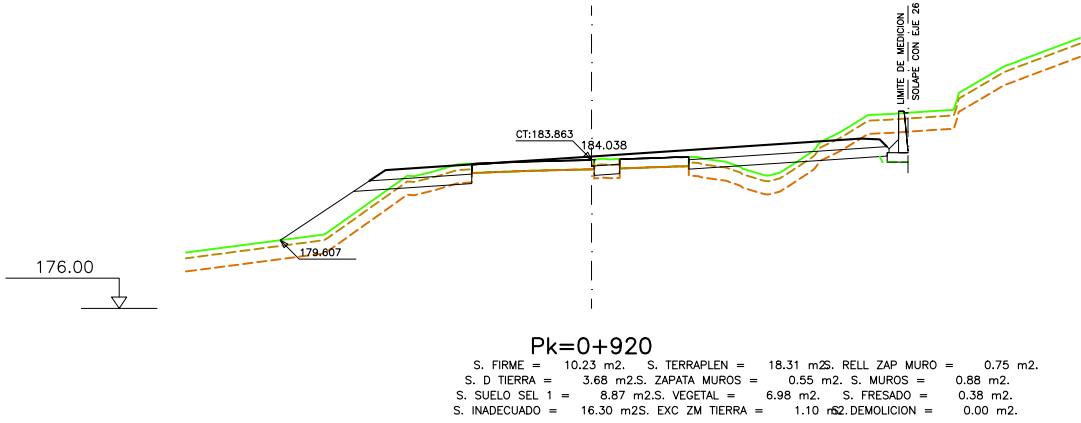
ESKALA (K)  
ESCALA (S)  
1:1000  
ORIGINAL UNE A1

Z<sup>koa</sup> / N°  
7

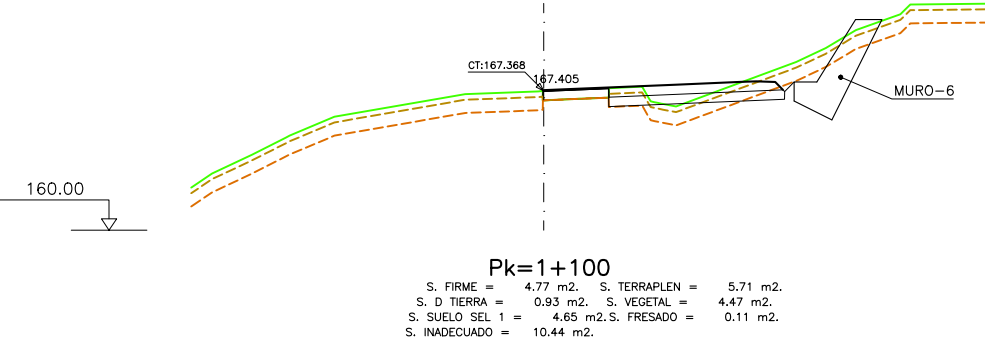
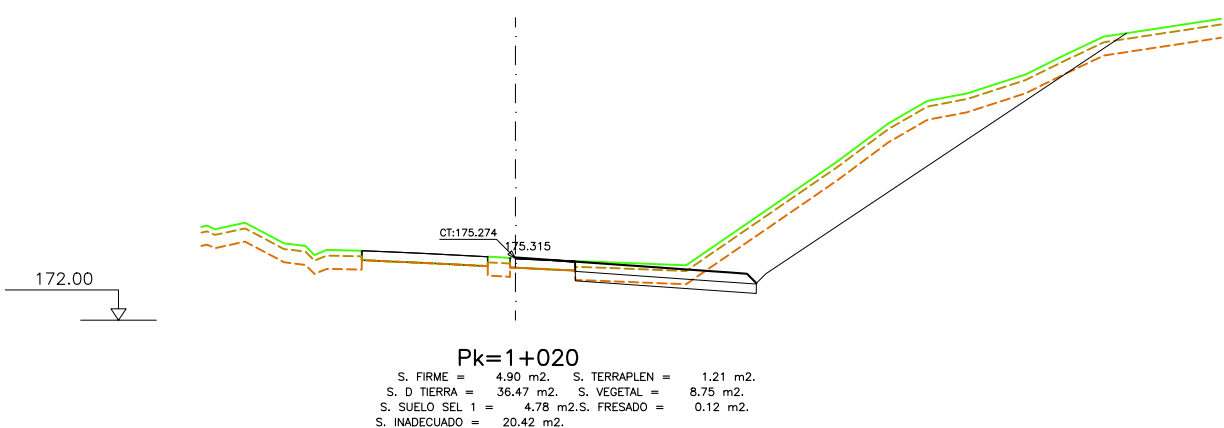
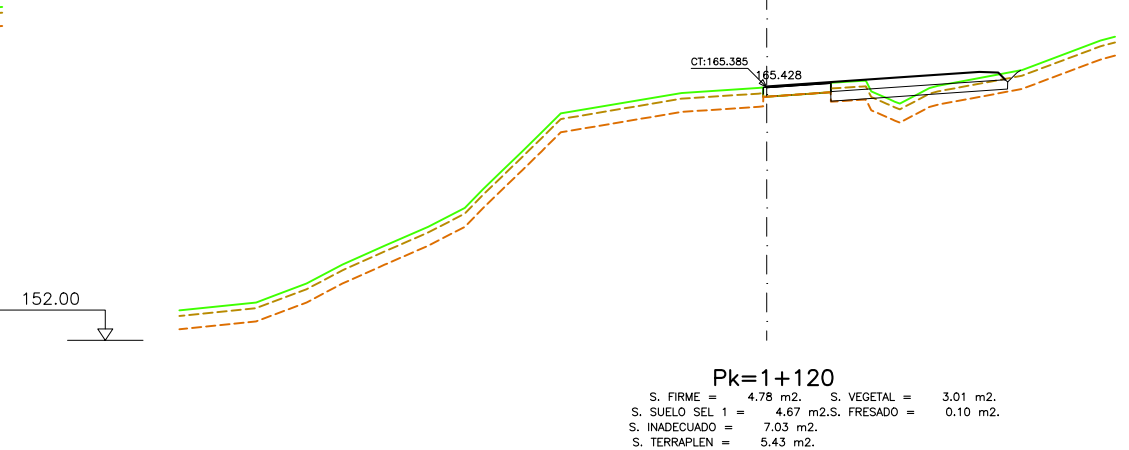
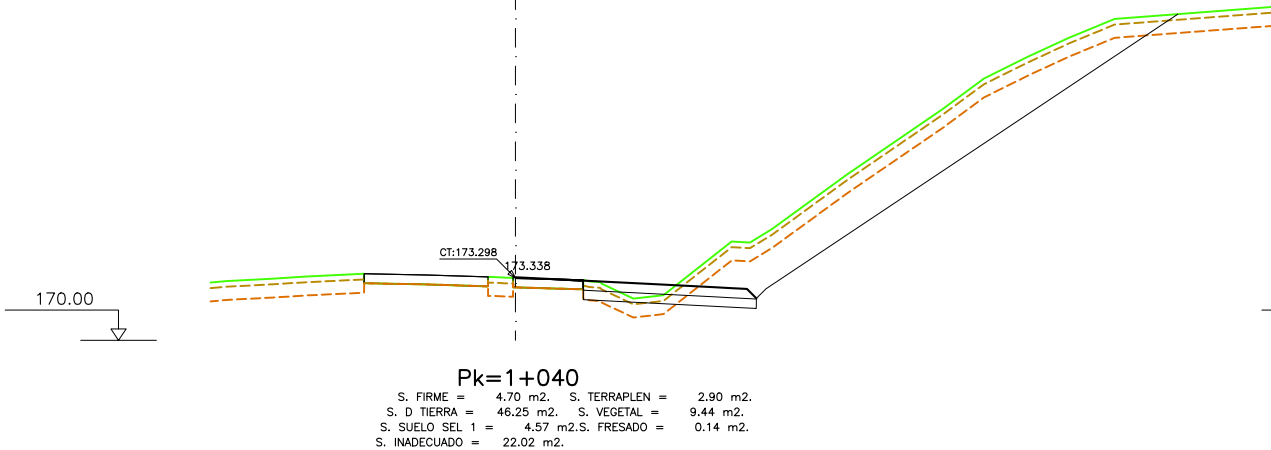
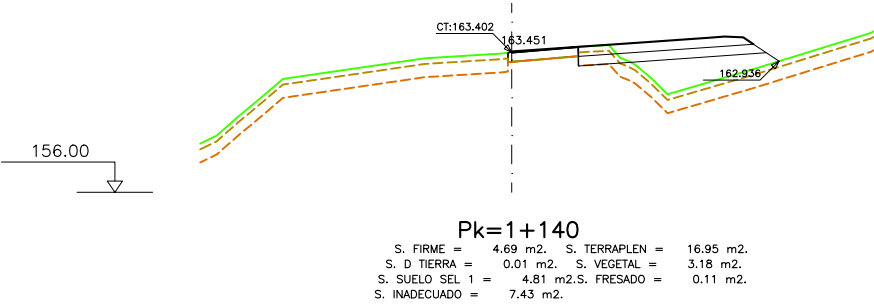
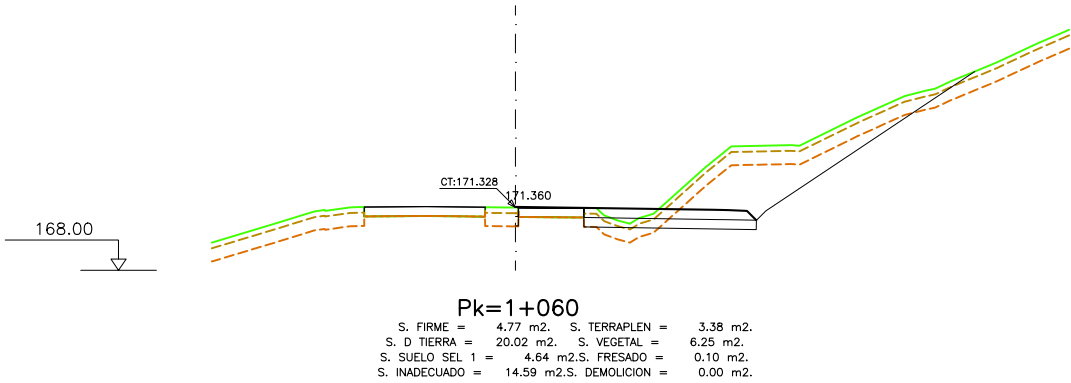
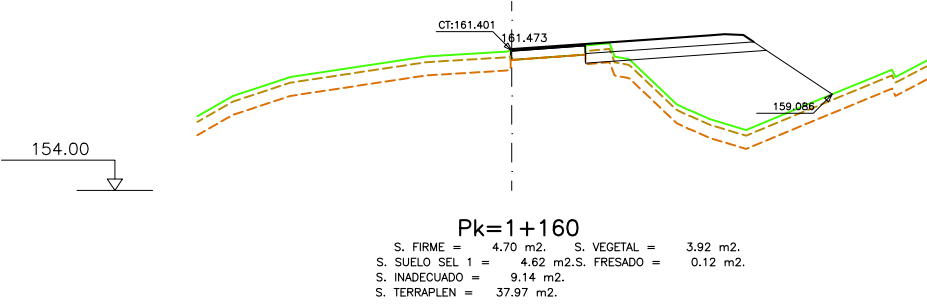
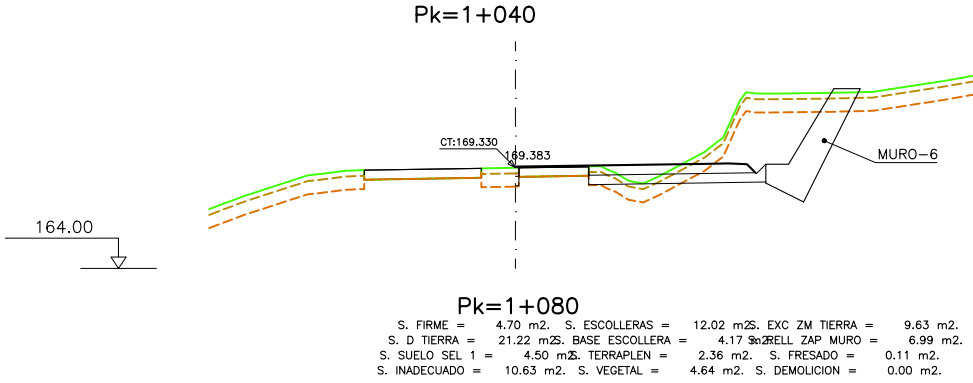
23 TIK 02 ORRIA  
HOJA 02 DE 23



| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |



| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |



| REV. | FECHA      | DESCRIPCIÓN            | Preparado | Revisado | Aprobado |
|------|------------|------------------------|-----------|----------|----------|
|      |            |                        |           |          |          |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |          |          |
| 0    | 22/01/2020 | CREACIÓN               |           |          |          |



DEPARTAMENTO DE  
DE INFRAESTRUCTURAS Y  
DESARROLLO TERRITORIAL

DIRECCION GENERAL DE  
DESARROLLO TERRITORIAL

SUBDIRECCION GENERAL DE  
DESARROLLO DE  
INFRAESTRUCTURAS

SERVICIO DE PLANEAMIENTO  
Y PROYECTOS

DIRECCION DEL PROYECTO

INGENIERA DE CAMINOS, CANALES Y PUERTOS

PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL  
TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCIÓN DE LA CONGESTIÓN Y FAVORECER  
LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

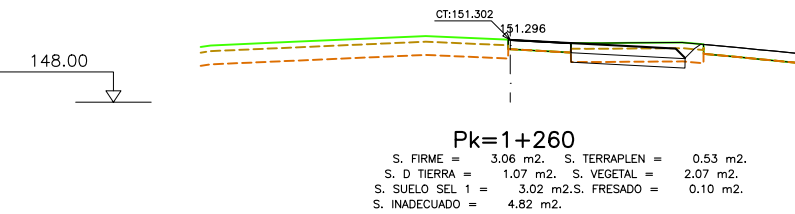
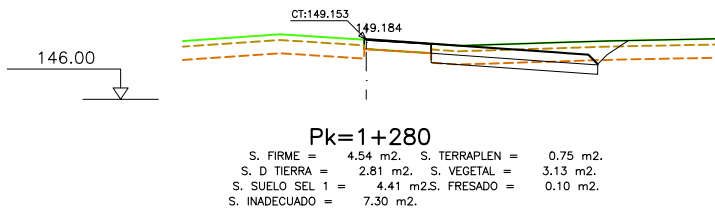
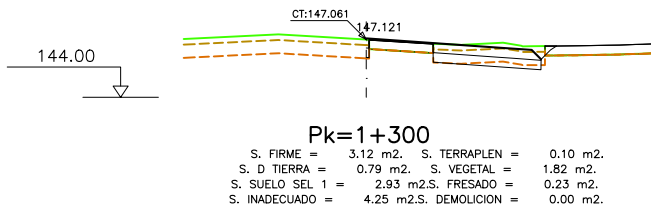
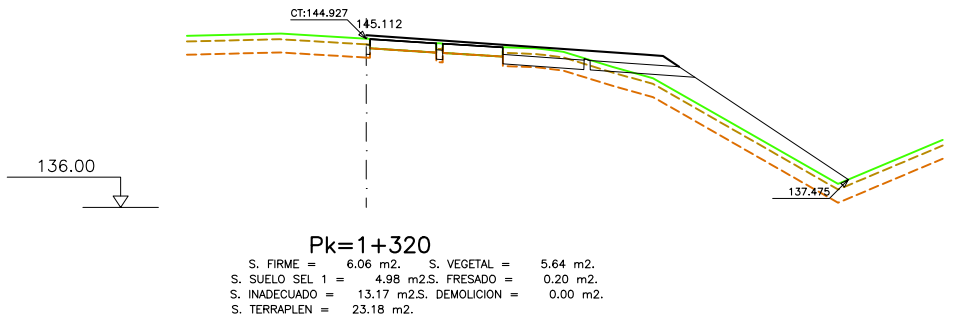
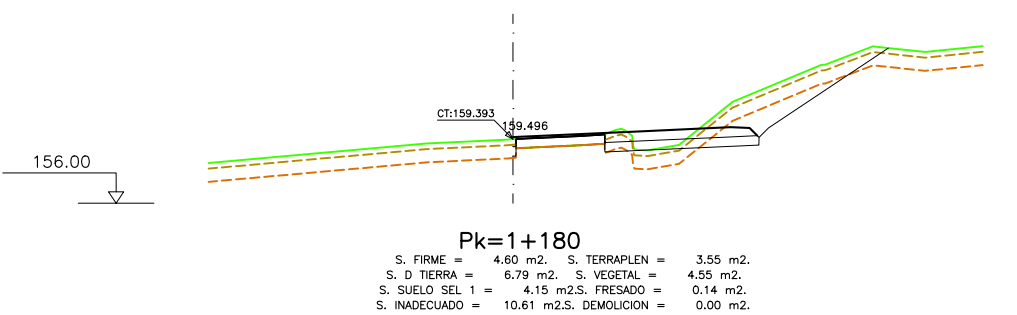
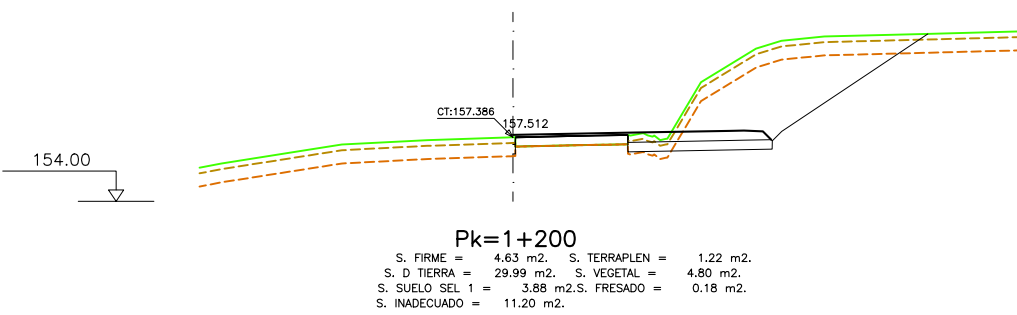
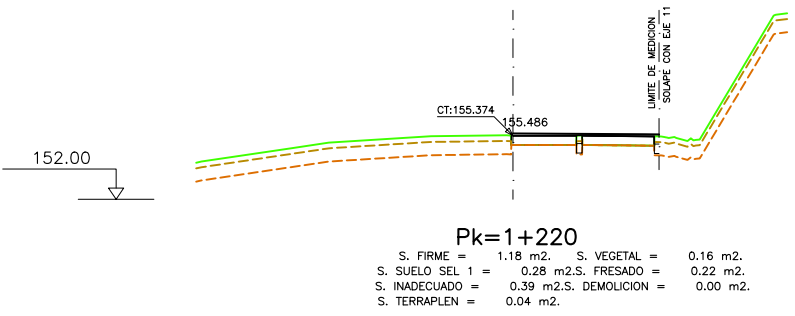
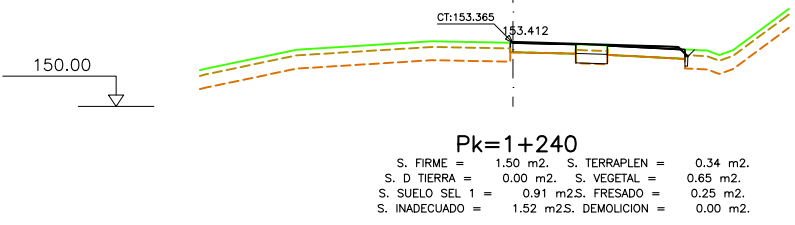
DATA  
FECHA  
MAYO 2020

IZENDURA / DESIGNACIÓN  
PERFILES TRANSVERSALES  
EJE-1 TRONCO

ESKALA (K)  
ESCALA (S)  
1:1000  
ORIGINAL UNE A1

Z<sup>da</sup> / N°  
7

23 71X 05 ORRJA  
HOJA 05 DE 23



| REV. | FECHA      |            | DESCRIPCIÓN                     | Preparado | Revisado | A.F.V. | A.F.V. |
|------|------------|------------|---------------------------------|-----------|----------|--------|--------|
|      | 1          | 0          |                                 |           |          |        |        |
| 1    | 29/05/2020 | 22/01/2020 | REVISIONES SUPERVISIÓN CREACIÓN |           |          |        |        |



AZPIEGITURETARAKO ETA LURRALDE GARAPENERAKO SAILA  
DEPARTAMENTO DE DE INFRAESTRUCTURAS Y DESARROLLO TERRITORIAL

LURRALDE GARAPENERAKO ZUZENDARITZA NAGUSIA  
DIRECCION GENERAL DE DESARROLLO TERRITORIAL

AZPIEGITURAK GARATZEKO ZUZENDARITZA NAGUSIA  
SUBDIRECCION GENERAL DE DESARROLLO DE INFRAESTRUCTURAS

PLANGINTZAREN ETA PROIEKTUEN ZERBITZUA  
SERVICIO DE PLANEAMIENTO Y PROYECTOS

EGITAMUAREN ZUZENDARITZA  
DIRECCION DEL PROYECTO

AHOLKULARIA CONSULTOR  
ALEJANDRA FERNÁNDEZ VALLEDOR  
Ingeniera de caminos, canales y puertos



EGITAMUAREN TITULUA / TÍTULO DEL PROYECTO  
PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCCIÓN DE LA CONGESTIÓN Y FAVORECER LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

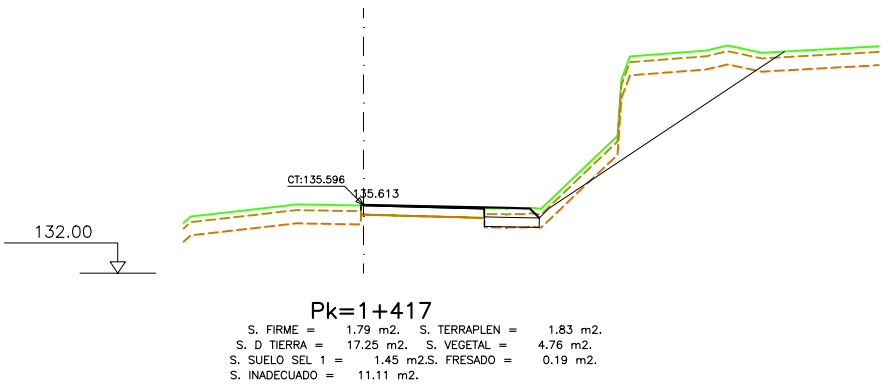
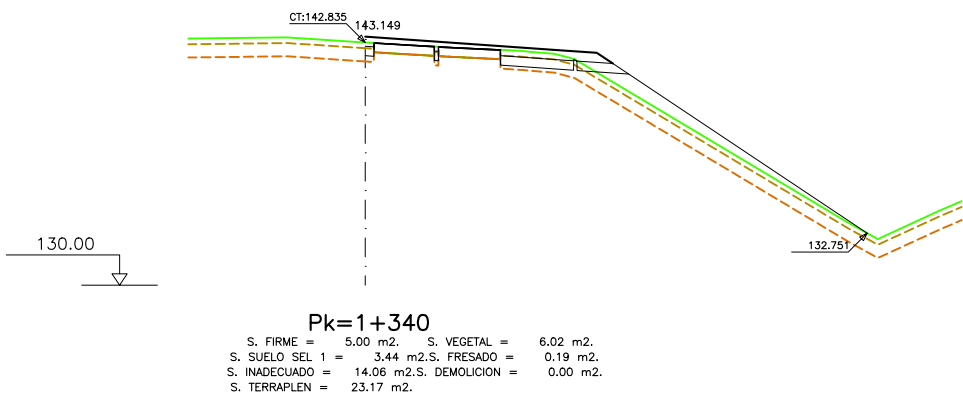
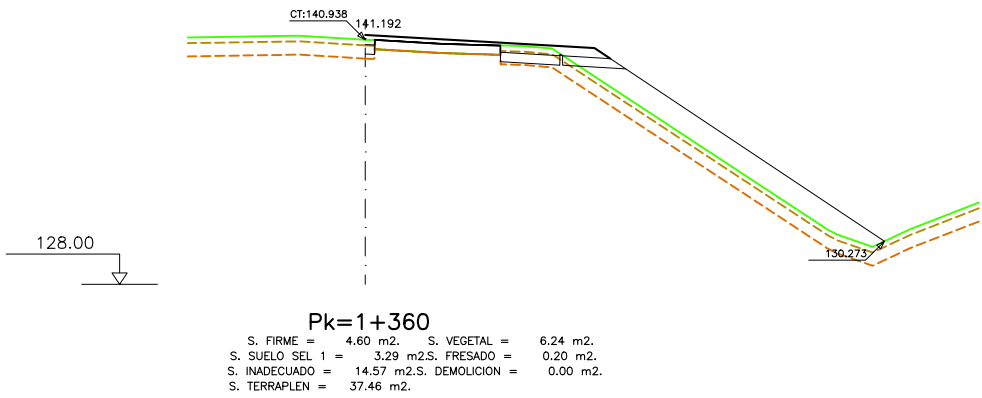
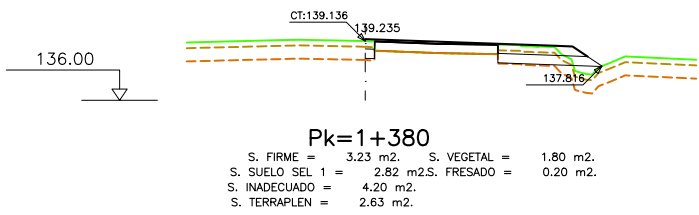
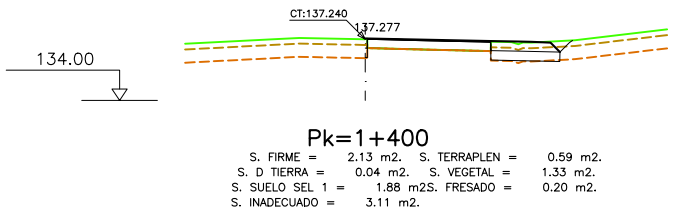
GAKOA CLAVE  
DATA FECHA MAYO 2020

IZENDURA / DESIGNACIÓN  
PERFILES TRANSVERSALES  
EJE-1 TRONCO

ESKALA (K) ESCALA (S)  
1:1000  
ORIGINAL UNE A1

Z<sup>bil</sup> / N°  
7

23 7IK 06 ORRIA  
HOJA 06 DE 23



| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |
|      |            |                        |           |        |          |        |          |        |

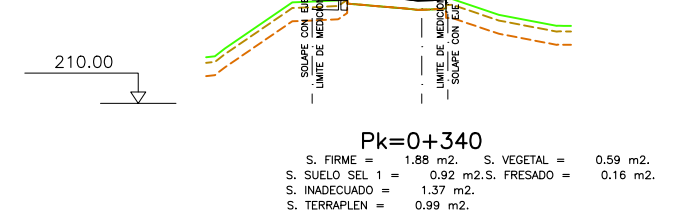
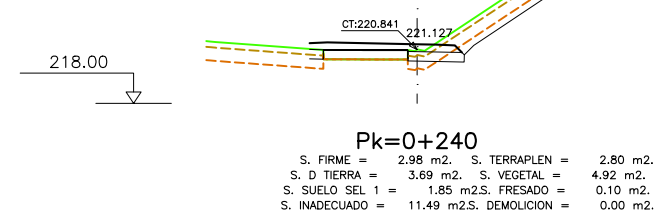
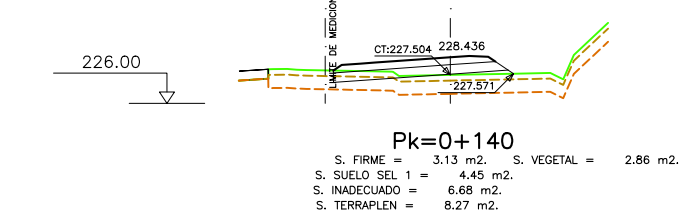
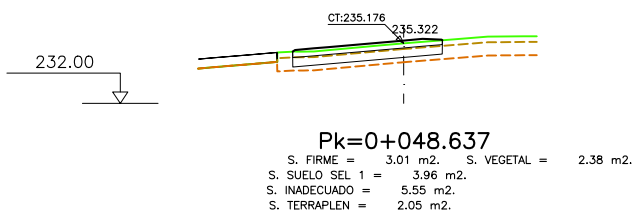
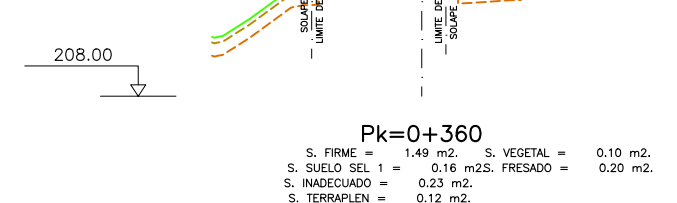
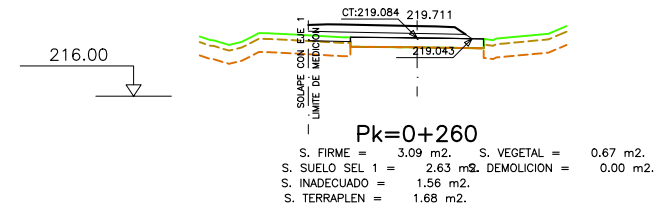
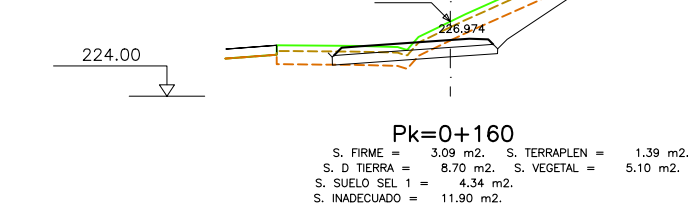
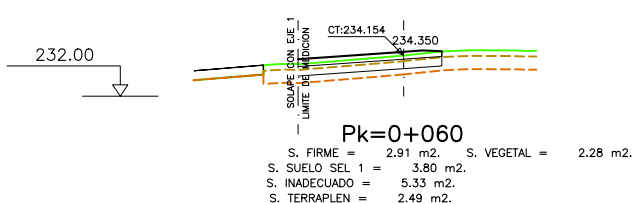
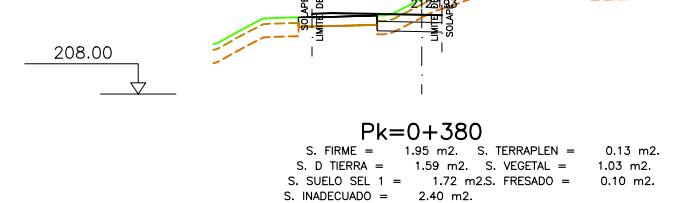
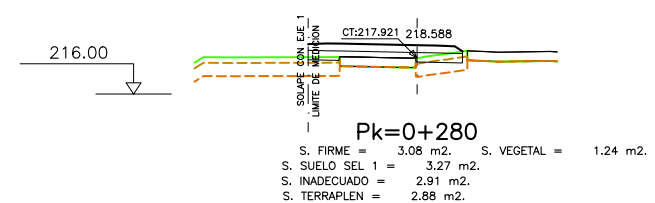
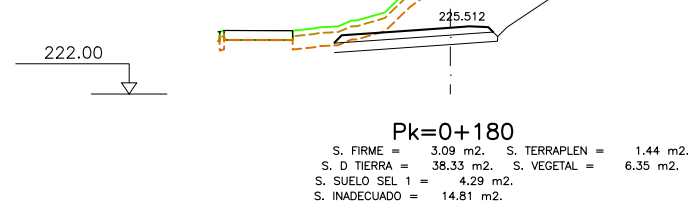
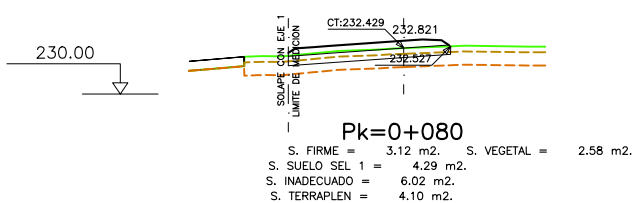
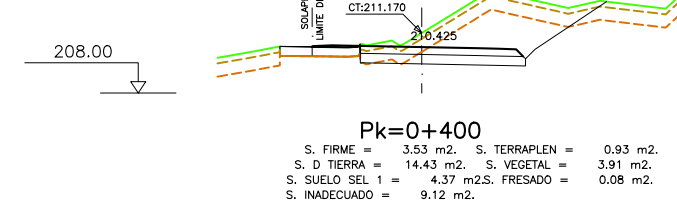
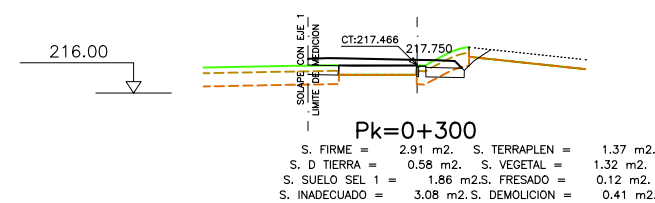
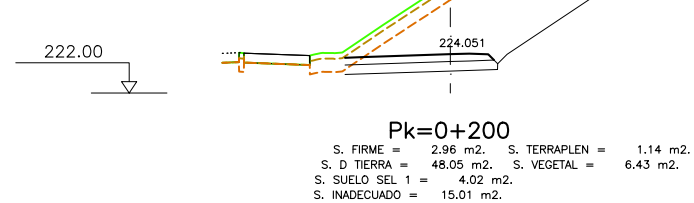
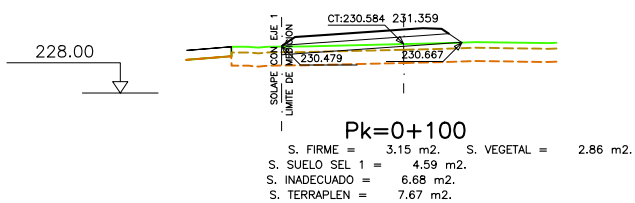
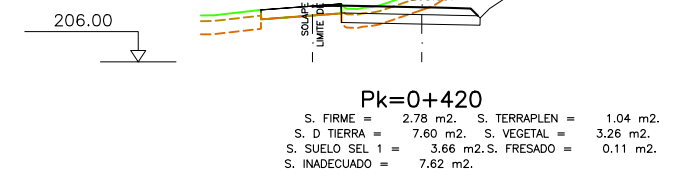
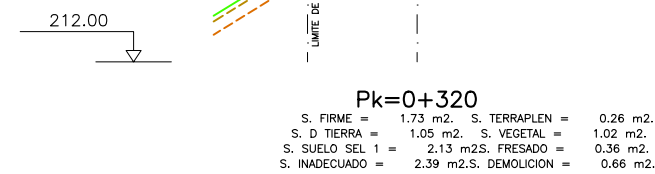
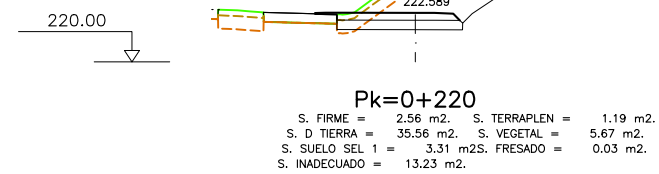
226.00

229.220

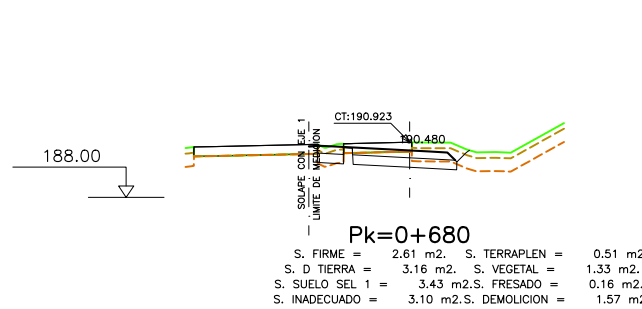
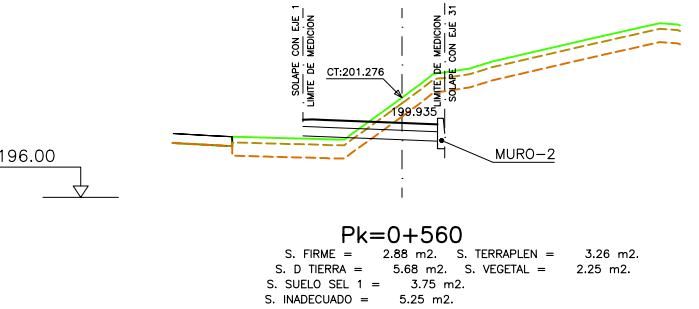
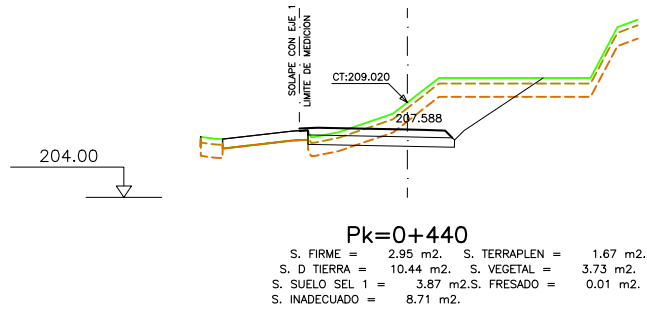
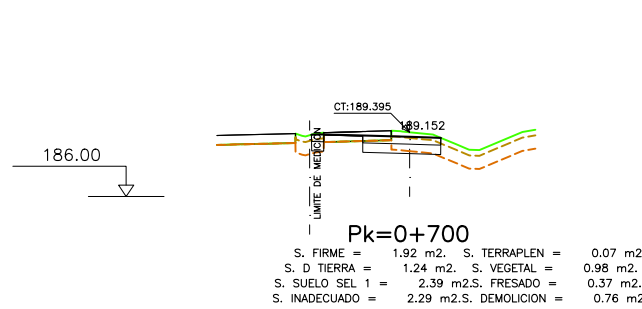
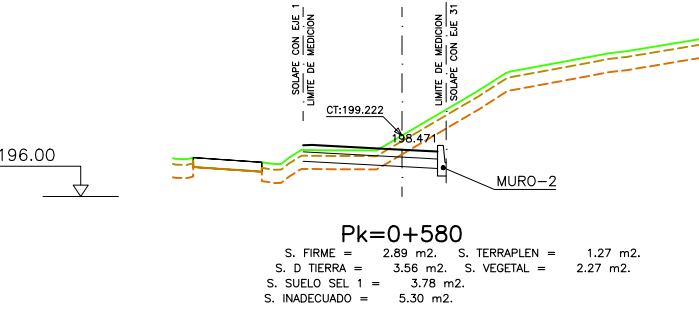
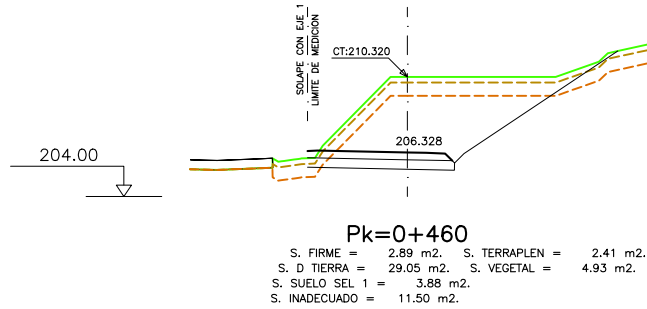
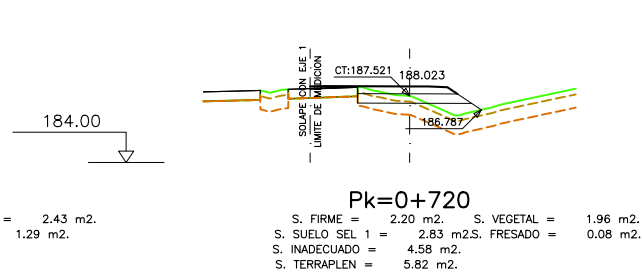
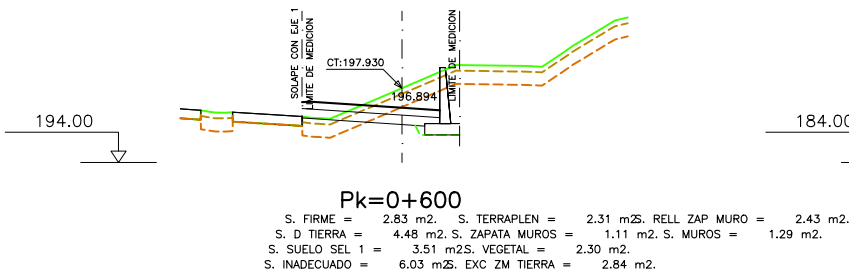
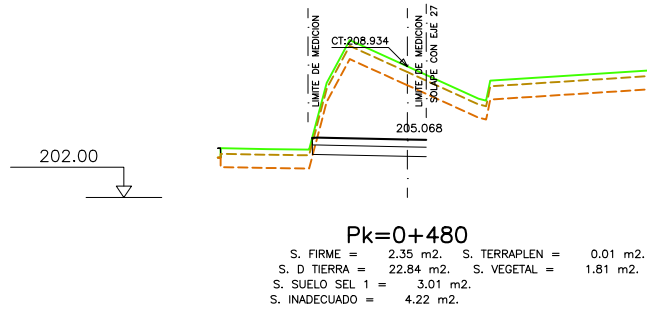
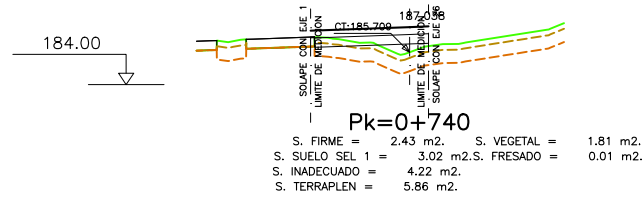
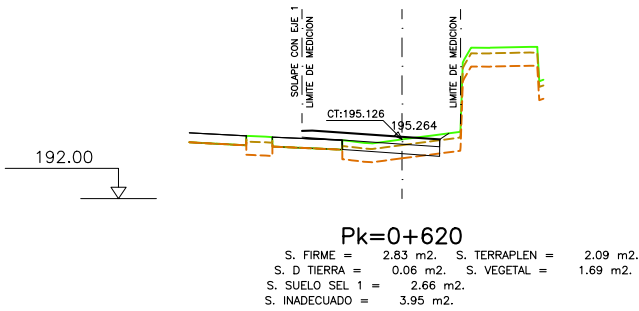
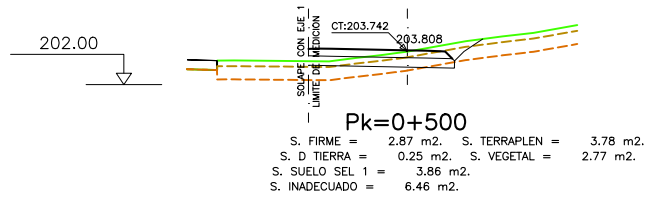
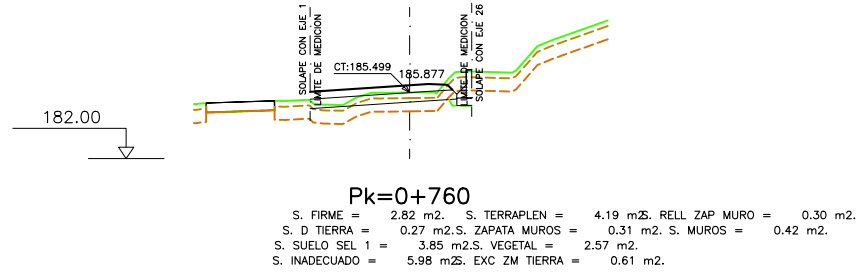
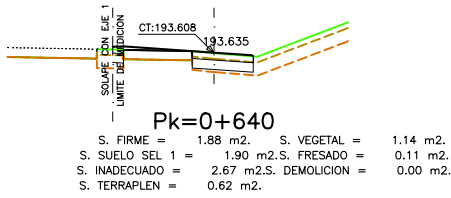
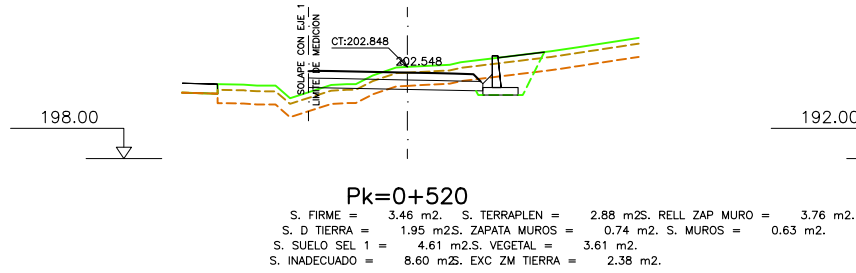
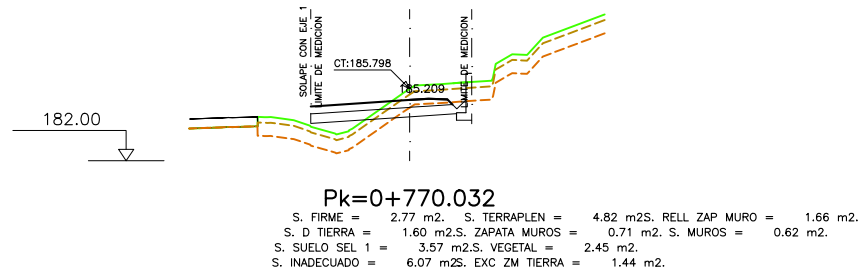
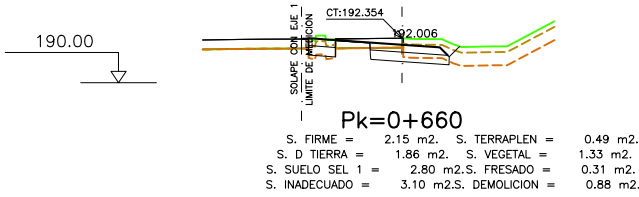
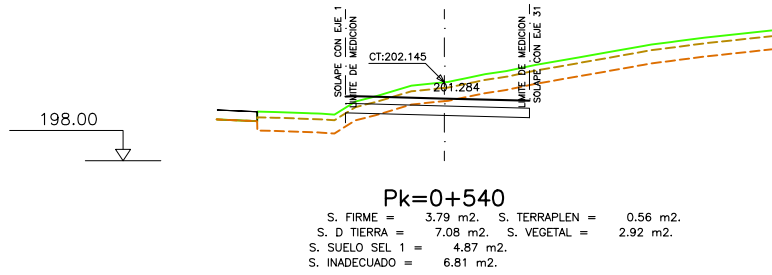
LÍMITE DE MEDICIÓN

PK=0+120

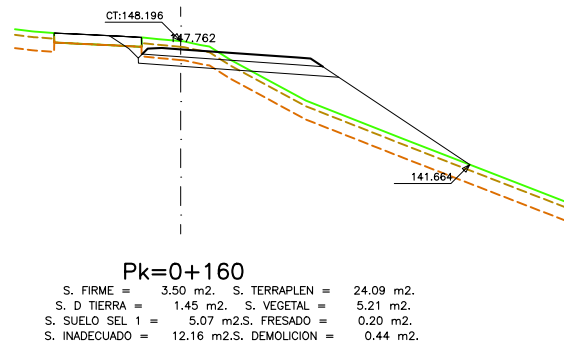
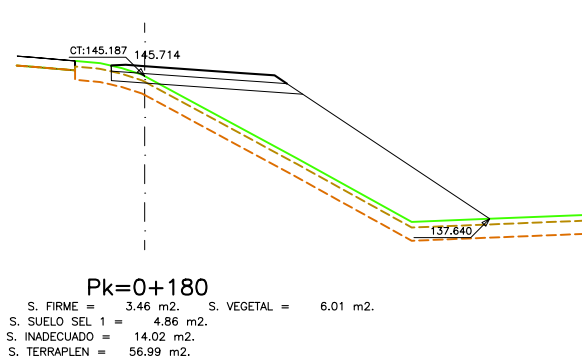
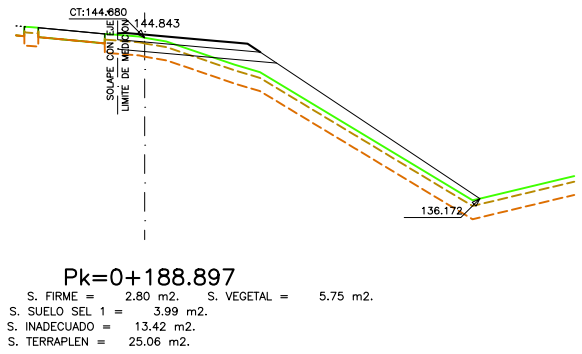
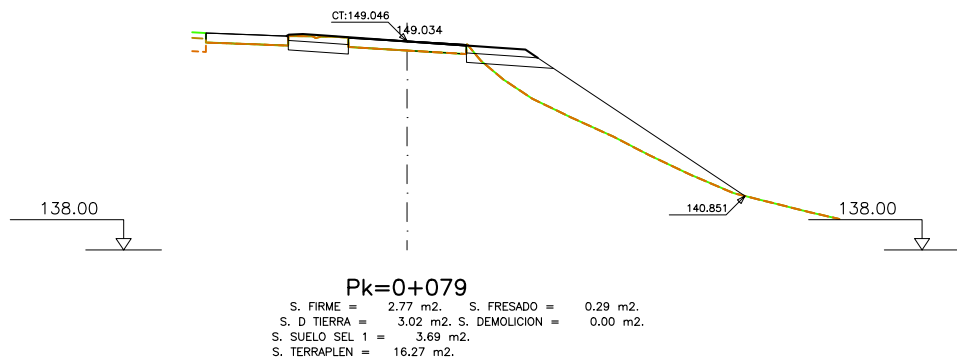
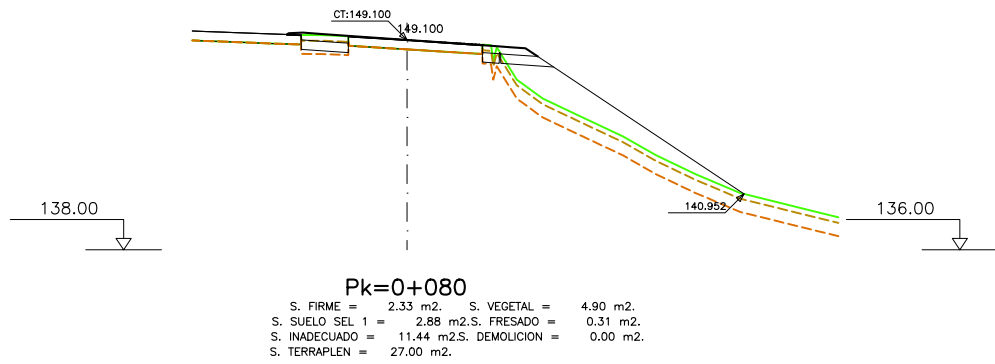
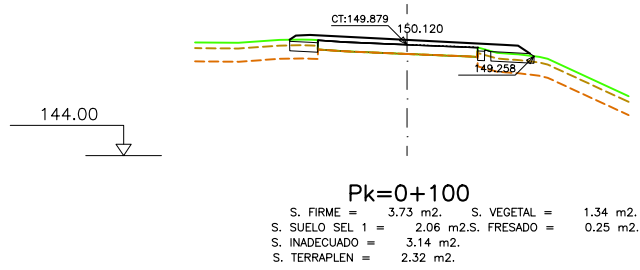
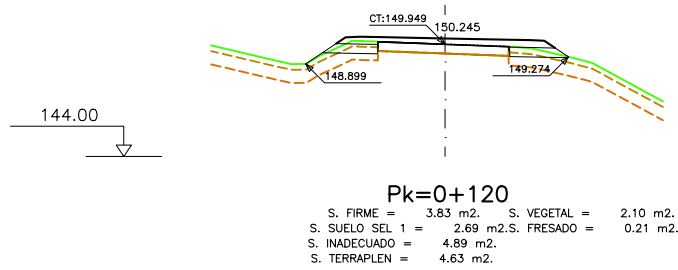
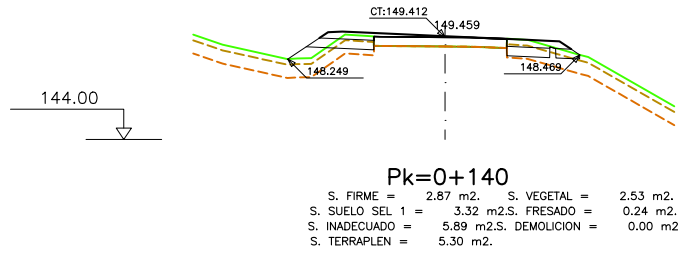
|                |   |                       |            |   |                       |
|----------------|---|-----------------------|------------|---|-----------------------|
| S. FIRME       | = | 3.15 m <sup>2</sup> . | S. VEGETAL | = | 2.82 m <sup>2</sup> . |
| S. SUELO SEL 1 | = | 4.52 m <sup>2</sup> . |            |   |                       |
| S. INADECUADO  | = | 6.58 m <sup>2</sup> . |            |   |                       |
| S. TERRAPLEN   | = | 6.32 m <sup>2</sup> . |            |   |                       |



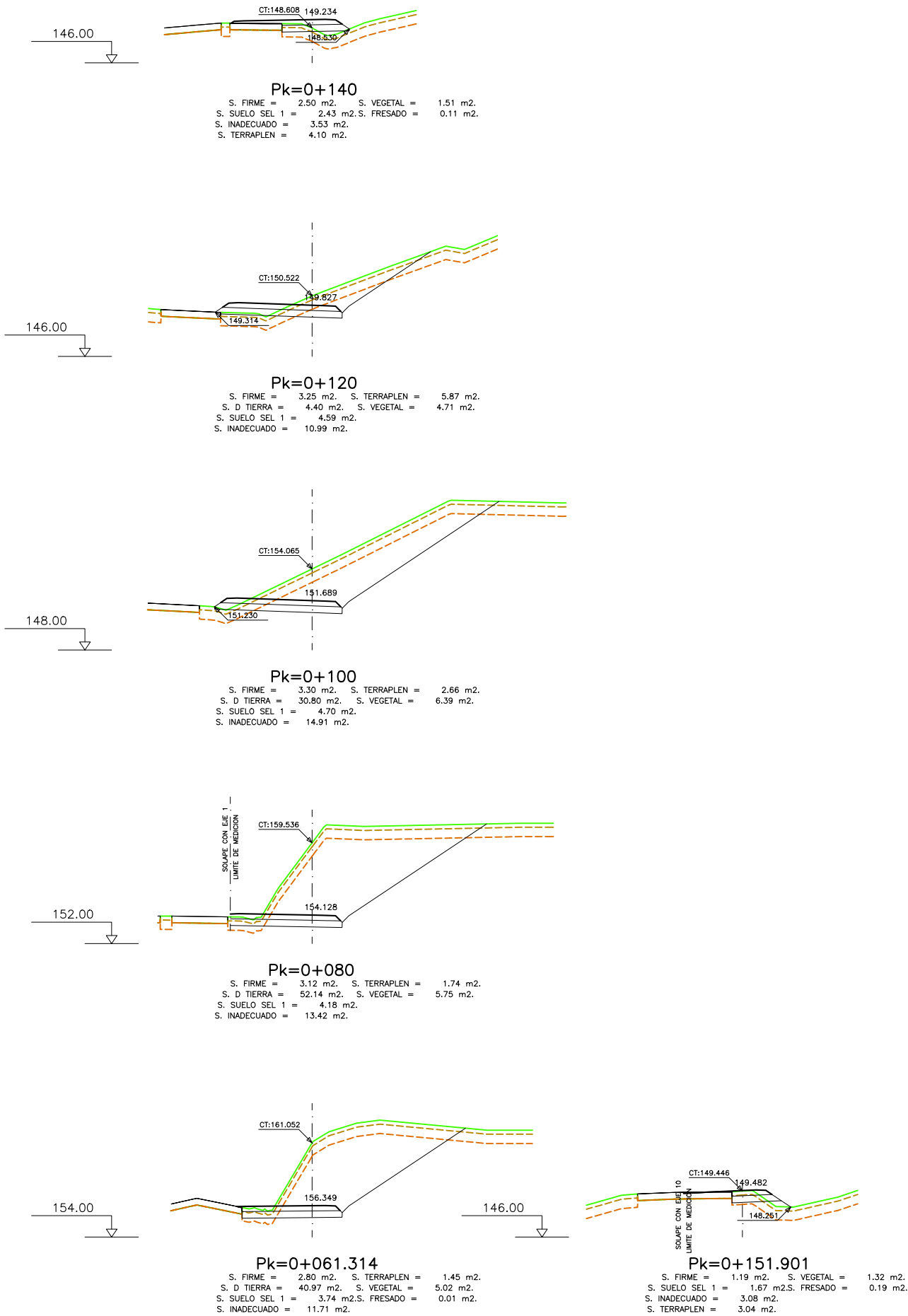
|      |            |                        |                             |                 |        |
|------|------------|------------------------|-----------------------------|-----------------|--------|
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN | <b>G.O.B.</b>               | <b>RECIBIDO</b> | A.F.V. |
| 0    | 22/01/2020 | CREACIÓN               | <b>G.O.B.</b>               | <b>RECIBIDO</b> | A.F.V. |
| REV. | FECHA      | DESCRIPCIÓN            | Preparado Revisado Aprobado |                 |        |



| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |



| REV. | FECHA      |            | DESCRIPCIÓN            | A.F.V.    | A.F.V.   |
|------|------------|------------|------------------------|-----------|----------|
|      | 29/05/2020 | 22/01/2020 |                        |           |          |
| 1    | 0          | 0          | REVISIONES SUPERVISIÓN | REVISADO  | APROBADO |
| 0    | 0          | 0          | CREACIÓN               | PREPARADO | REVISADO |



| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |



DEPARTAMENTO DE  
DE INFRAESTRUCTURAS Y  
DESARROLLO TERRITORIAL

DIRECCION GENERAL DE  
DESARROLLO TERRITORIAL

SUBDIRECCION GENERAL DE  
DESARROLLO DE  
INFRAESTRUCTURAS

SERVICIO DE PLANEAMIENTO  
Y PROYECTOS

DIRECCION DEL PROYECTO

ANOLULARIA  
CONSULTOR

EGITAMUAREN TITULUA / TÍTULO DEL PROYECTO  
PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL  
TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCIÓN DE LA CONGESTIÓN Y FAVORECER  
LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

EGITAMUAREN TITULUA / TÍTULO DEL PROYECTO  
PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL  
TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCIÓN DE LA CONGESTIÓN Y FAVORECER  
LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

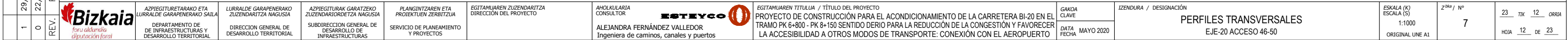
GAIXOA  
CLAVE  
DATA  
FECHA

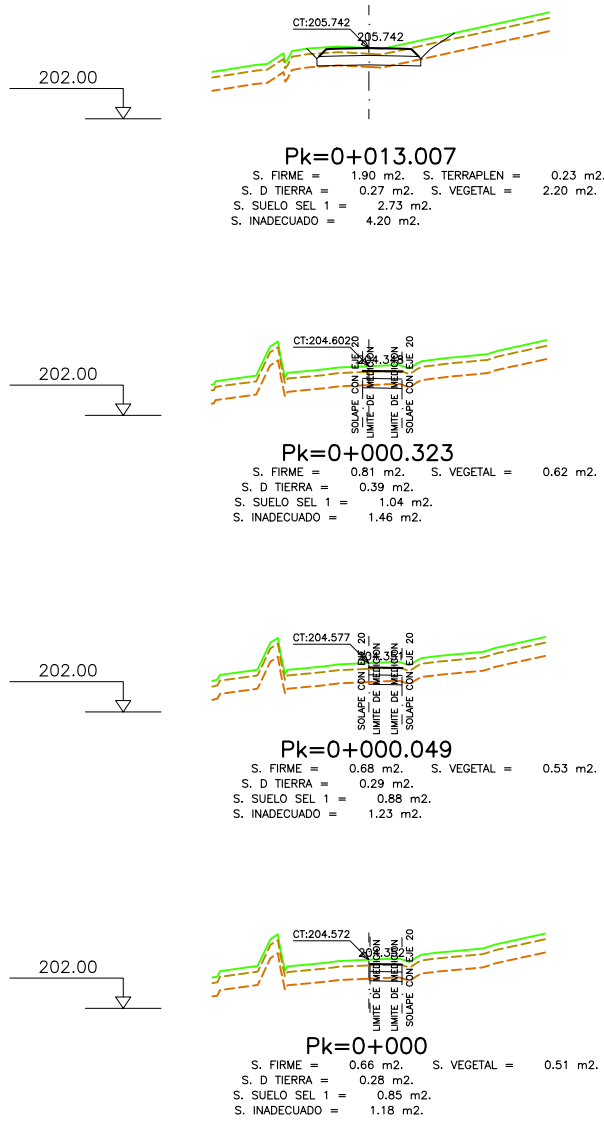
IZENDURA / DESIGNACIÓN  
PERFILES TRANSVERSALES  
EJE-11 RAMAL SALIDA MD / ENL. GALBARRIATU

ESKALA (K)  
ESCALA (S)  
1:1000  
ORIGINAL UNE A1

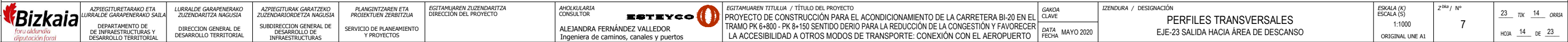
Z<sup>000</sup> / N°  
7

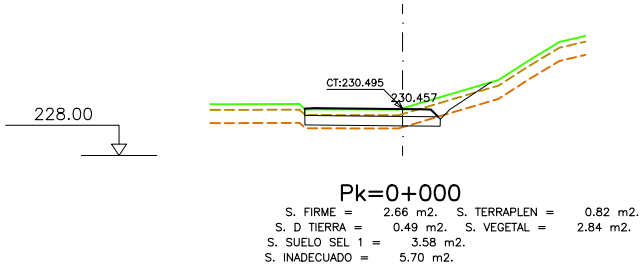
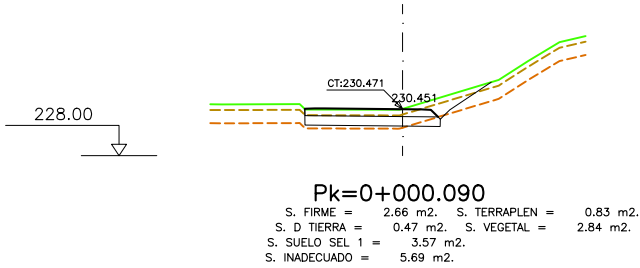
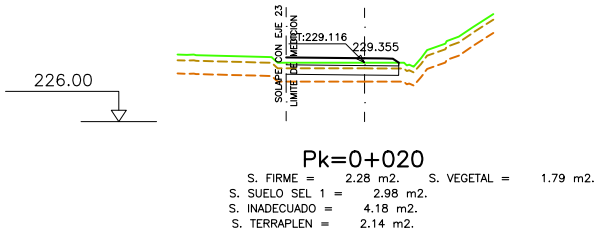
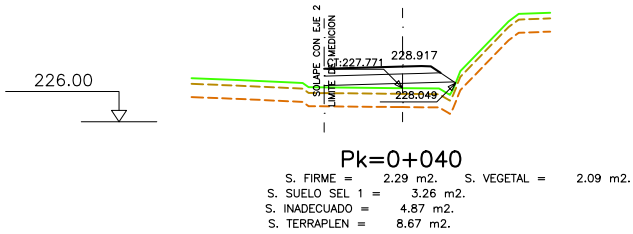
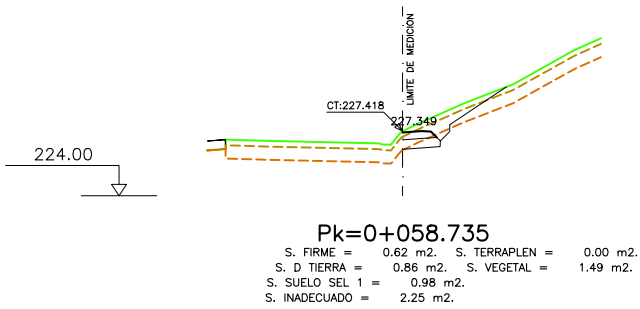
23 71X 11 ORRIA  
HOJA 11 DE 23



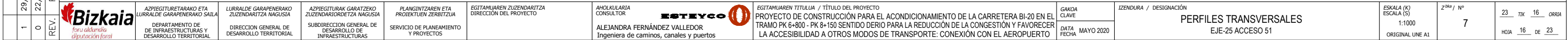


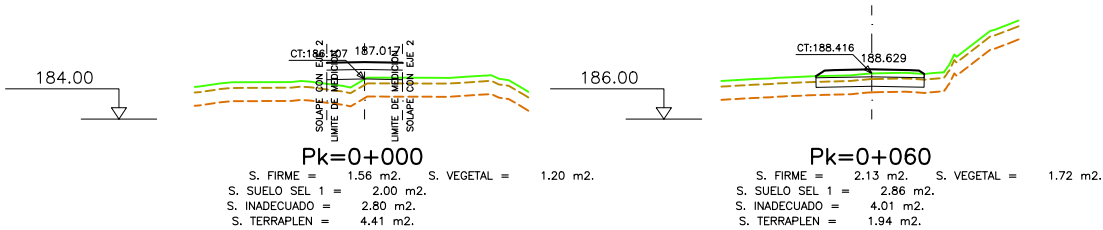
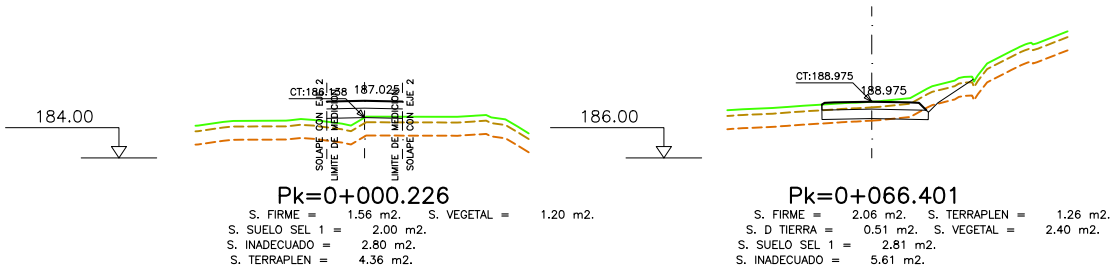
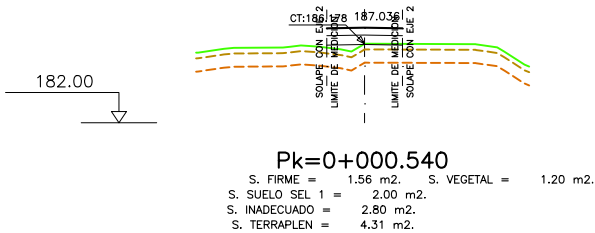
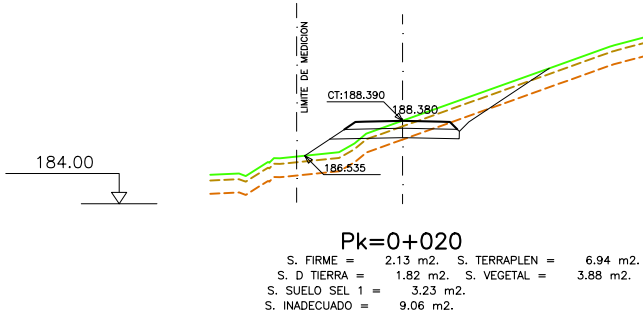
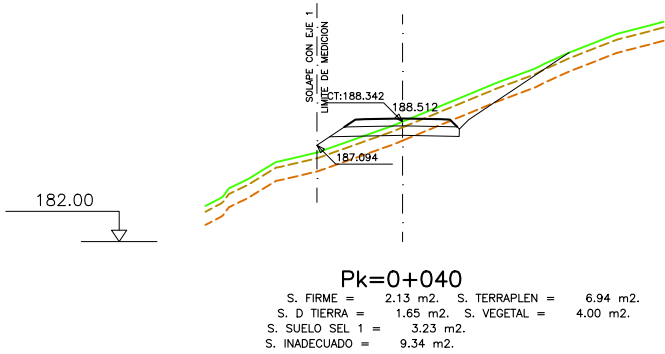
| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |





| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |





| REVISIONES SUPERVISIÓN |            | FECHA | DESCRIPCIÓN |
|------------------------|------------|-------|-------------|
| 1                      | 0          |       |             |
| 29/05/2020             | 22/01/2020 |       |             |
| REV.                   |            |       |             |

| A.F.V.    | A.F.V.   |
|-----------|----------|
| 0.0.0.    | 0.0.0.   |
| Preparado | Revisado |
| Aprobado  |          |

AZPIEGITURAK GARATZEKO

ZUZENDARITZA NAGUSIA

SUBODIRECCION GENERAL DE

DESARROLLO DE

INFRAESTRUCTURAS

PLANGINTZAREN ETA

PROIEKTUEN ZERBITZUA

SERVICIO DE PLANEAMIENTO

Y PROYECTOS

EGITAMJAREN ZUZENDARITZA

DIRECCION DEL PROYECTO

AHOLKULARIA

CONSULTOR



ALEJANDRA FERNÁNDEZ VALLEDOR

Ingeniera de caminos, canales y puertos

EGITAMJAREN TITULUA / TÍTULO DEL PROYECTO

PROYECTO DE CONSTRUCCIÓN PARA EL ACONDICIONAMIENTO DE LA CARRETERA BI-20 EN EL

TRAMO PK 6+800 - PK 8+150 SENTIDO DERIO PARA LA REDUCCIÓN DE LA CONGESTIÓN Y FAVORECER

LA ACCESIBILIDAD A OTROS MODOS DE TRANSPORTE: CONEXIÓN CON EL AEROPUERTO

GAKOA

CLAVE

IZENDURA / DESIGNACIÓN

PERFILES TRANSVERSALES

EJE-26 ACCESO 60-62

ESKALA (K)

ESCALA (S)

1:1000

ORIGINAL UNE A1

Z<sup>000</sup> / N°

7

23

TIK

17

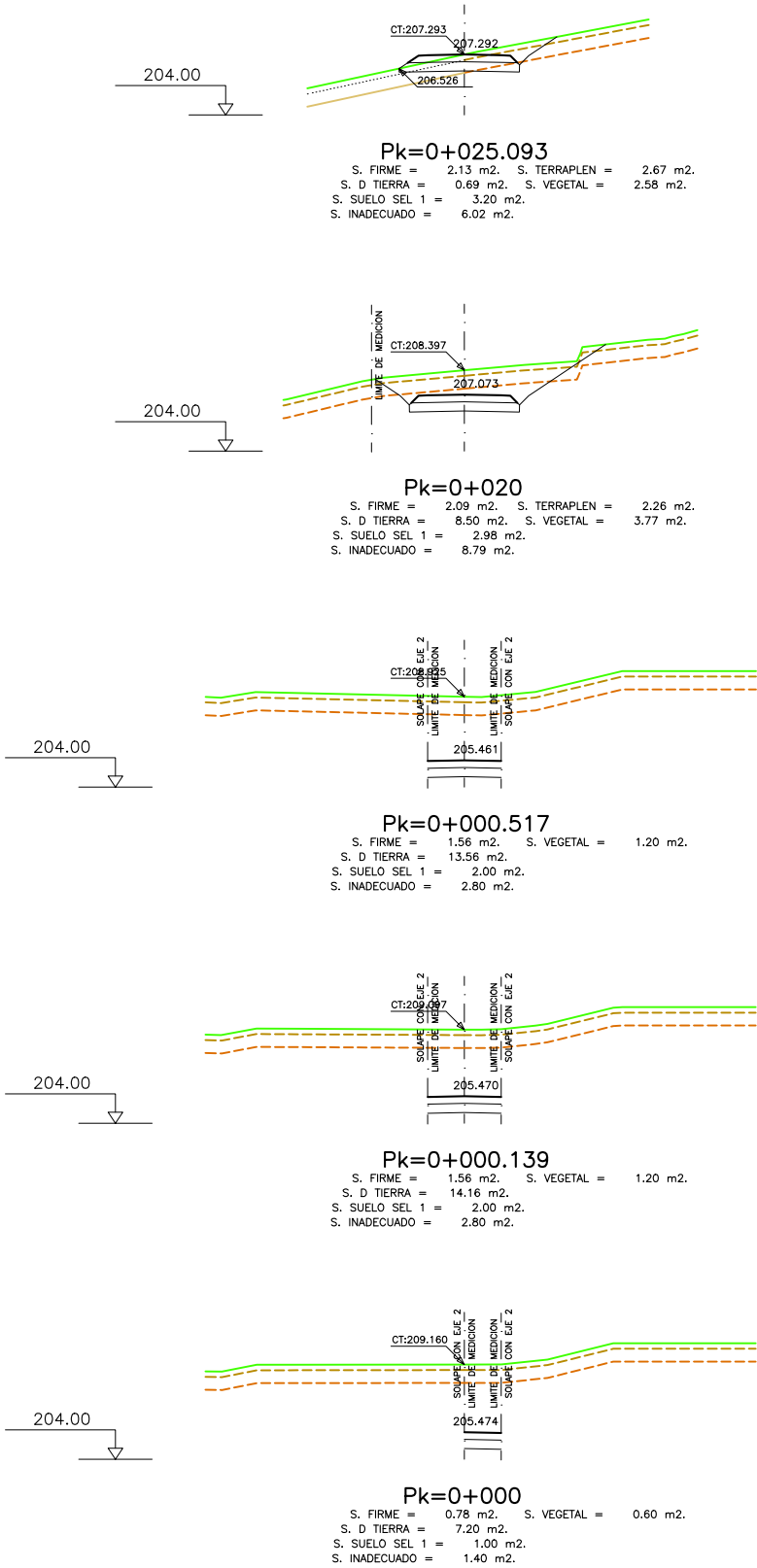
ORRIA

HOJA

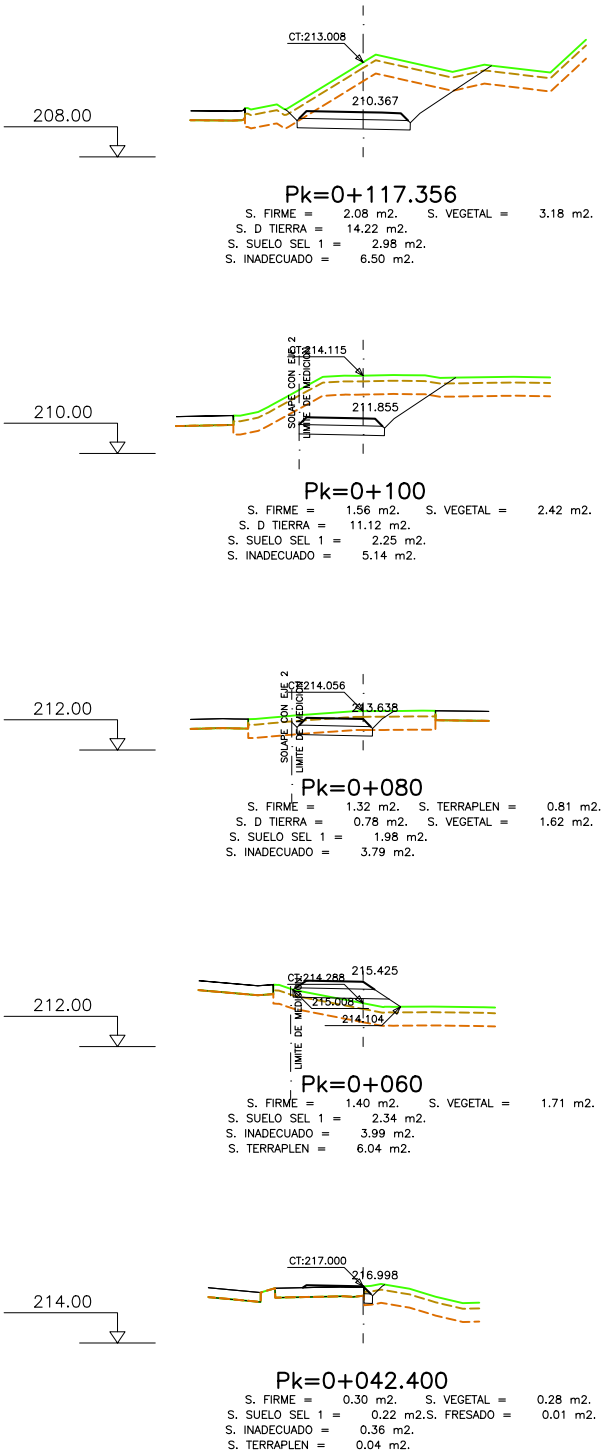
17

DE

23

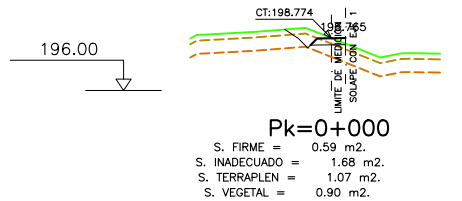
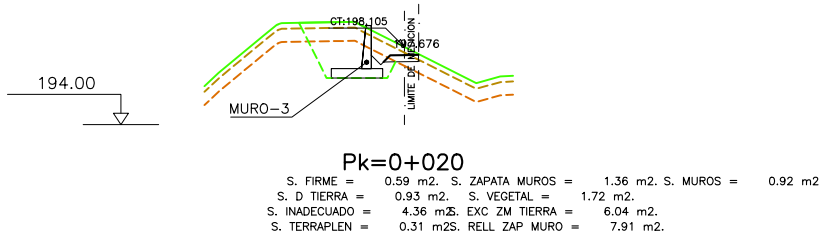
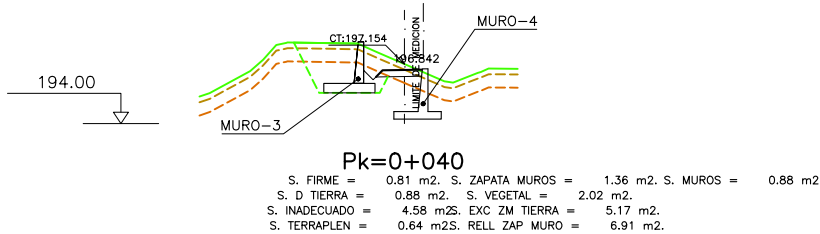
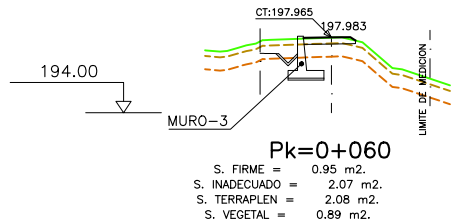
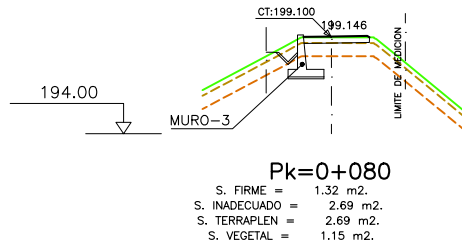
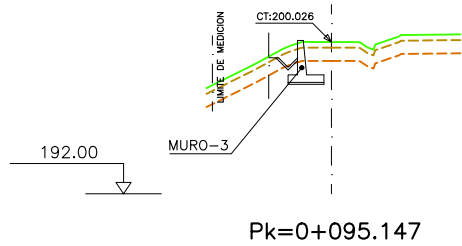


| REV. | FECHA      | DESCRIPCIÓN            | Preparado |          | Revisado  |          | Aprobado |        |
|------|------------|------------------------|-----------|----------|-----------|----------|----------|--------|
|      |            |                        | Elaborado | Revisado | Elaborado | Revisado | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |          |           |          |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |          |           |          |          |        |

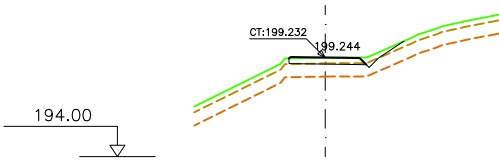


| REVISIONES SUPERVISIÓN |            | CREACIÓN |   | FECHA | DESCRIPCIÓN |
|------------------------|------------|----------|---|-------|-------------|
| 1                      | 0          | 0        | 0 |       |             |
| 29/05/2020             | 22/01/2020 |          |   |       |             |
| REV.                   |            |          |   |       |             |

|           |          |
|-----------|----------|
| A.F.V.    | A.F.V.   |
| Revisado  | Aprobado |
| Preparado |          |

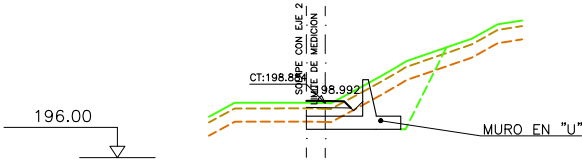


| REV. | FECHA      | DESCRIPCIÓN            | Preparado |        | Revisado |        | Aprobado |        |
|------|------------|------------------------|-----------|--------|----------|--------|----------|--------|
|      |            |                        | 0.0.0.    | 0.0.0. | 0.0.0.   | 0.0.0. | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |        |          |        |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |        |          |        |          |        |



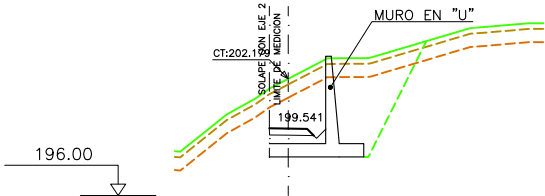
Pk=0+077

S. FIRME = 1.37 m2.  
S. INADECUADO = 3.04 m2.  
S. TERRAPLEN = 2.79 m2.  
S. VEGETAL = 1.63 m2.



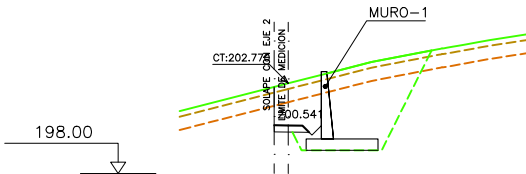
Pk=0+060

S. FIRME = 0.76 m2. S. ZAPATA MUROS = 0.75 m2. S. MUROS = 0.67 m2.  
S. D TIERRA = 0.27 m2. S. VEGETAL = 1.78 m2.  
S. INADECUADO = 4.34 m2. EXC ZM TIERRA = 3.78 m2.  
S. TERRAPLEN = 1.48 m2. RELL ZAP MURO = 5.81 m2.



Pk=0+040

S. FIRME = 0.76 m2. S. VEGETAL = 2.51 m2.  
S. D TIERRA = 8.68 m2. EXC ZM TIERRA = 20.24 m2.  
S. INADECUADO = 6.69 m2. RELL ZAP MURO = 23.26 m2.  
S. ZAPATA MUROS = 2.83 m2. S. MUROS = 2.34 m2.



Pk=0+020

S. FIRME = 0.59 m2. S. VEGETAL = 2.23 m2.  
S. D TIERRA = 5.52 m2. EXC ZM TIERRA = 15.36 m2.  
S. INADECUADO = 5.83 m2. RELL ZAP MURO = 18.33 m2.  
S. ZAPATA MUROS = 2.25 m2. S. MUROS = 1.67 m2.



Pk=0+000

S. FIRME = 0.59 m2. S. VEGETAL = 1.77 m2.  
S. D TIERRA = 1.95 m2. EXC ZM TIERRA = 6.21 m2.  
S. INADECUADO = 4.47 m2. RELL ZAP MURO = 8.25 m2.  
S. ZAPATA MUROS = 1.36 m2. S. MUROS = 0.93 m2.

| REV. | FECHA      | DESCRIPCIÓN            | Preparado |          | Revisado  |          | Aprobado |        |
|------|------------|------------------------|-----------|----------|-----------|----------|----------|--------|
|      |            |                        | Elaborado | Revisado | Elaborado | Revisado | A.F.V.   | A.F.V. |
| 1    | 29/05/2020 | REVISIONES SUPERVISIÓN |           |          |           |          |          |        |
| 0    | 22/01/2020 | CREACIÓN               |           |          |           |          |          |        |

|   |   | REVISIONES SUPERVISIÓN | FECHA      | DESCRIPCIÓN | PREPARADO | REVISADO | A.F.V.   | A.F.V.   |
|---|---|------------------------|------------|-------------|-----------|----------|----------|----------|
| 1 | 0 | 29/05/2020             | 22/01/2020 | REV.        | 0.0.0.    | 0.0.0.   | 0.0.0.   | 0.0.0.   |
|   |   |                        |            | FECHA       | Preparado | Revisado | Aprobado | Aprobado |

