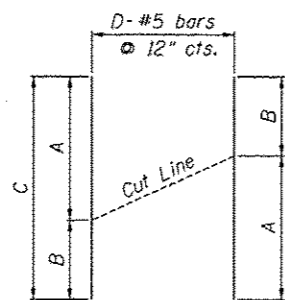
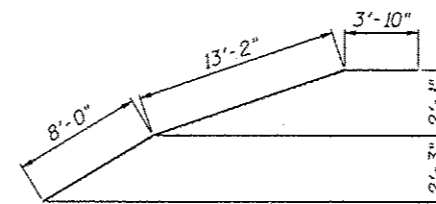


SECTION THRU
CONCRETE FACING

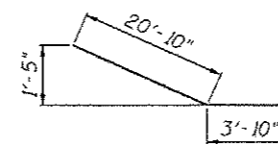


CUTTING DIAGRAM

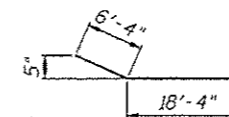
| Bar | A | B | C | D |
|-----------|--------|--------|--------|----|
| h 101 (E) | 11'-7" | 21'-2" | 32'-9" | 3 |
| v 100 (E) | 3'-4" | 4'-10" | 8'-2" | 8 |
| v 101 (E) | 5'-0" | 6'-0" | 11'-0" | 13 |
| v 109 (E) | 4'-3" | 3'-4" | 7'-7" | 7 |



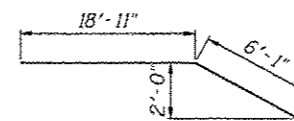
BAR h100 (E)



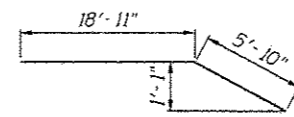
BAR h104 (E)



BAR h106 (E)



BAR h107 (E)



BAR h108 (E)

BILL OF MATERIAL

| Bar | No. | Size | Length | Shape |
|-------------------------------------|-----|---------|----------|-------|
| h 100 (E) | 2 | #5 | 25'-0" | ↘ |
| h 101 (E) | 3 | #5 | 32'-9" | — |
| h 102 (E) | 6 | #5 | 24'-8" | — |
| h 103 (E) | 2 | #5 | 10'-2" | — |
| h 104 (E) | 2 | #5 | 24'-8" | ↘ |
| h 105 (E) | 66 | #5 | 28'-8" | — |
| h 106 (E) | 14 | #5 | 24'-8" | ↘ |
| h 107 (E) | 10 | #5 | 25'-0" | ↘ |
| h 108 (E) | 2 | #5 | 24'-9" | ↘ |
| v 100 (E) | 8 | #5 | 8'-2" | — |
| v 101 (E) | 13 | #5 | 11'-0" | — |
| v 102 (E) | 62 | #5 | 5'-9" | — |
| v 103 (E) | 52 | #5 | 5'-6" | — |
| v 104 (E) | 52 | #5 | 5'-3" | — |
| v 105 (E) | 52 | #5 | 5'-0" | — |
| v 106 (E) | 52 | #5 | 4'-8" | — |
| v 107 (E) | 52 | #5 | 4'-5" | — |
| v 108 (E) | 38 | #5 | 4'-3" | — |
| v 109 (E) | 7 | #5 | 7'-7" | — |
| Item | | Unit | Quantity | |
| Concrete Structures | | Cu. Yd. | 45.2 | |
| Reinforcement Bars, Epoxy Coated | | Pound | 5,190 | |
| Pipe Underdrains for Structures, 4" | | Foot | 343 | |
| Geocomposite Wall Drain | | Sq. Yd. | 63 | |

CONCRETE FACING & DETAILS
SN 022-W042

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONCRETE FACING & DETAILS
STA. 3911 + 30.14 TO STA. 3913 + 30.00 SN 022-W042

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|------------|--------|--------------|-----------|
| 338 | 2011-036-1 | DUPAGE | 234 | 93 |

SHEET NO. SD-6 OF SD-8 SHEETS

ILLINOIS FED. AID PROJECT

FILE NAME: ... \SP12\022-W042-036-ConcreteFacing.dgn

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

USER NAME: SAW
PLOT SCALE: 10.0000' / IN.
PLOT DATE: 5/10/2012

DESIGNED: LAS
CHECKED: DAZ
DRAWN: SAW
CHECKED: LAS

REVISED: -
REVISED: -
REVISED: -
REVISED: -