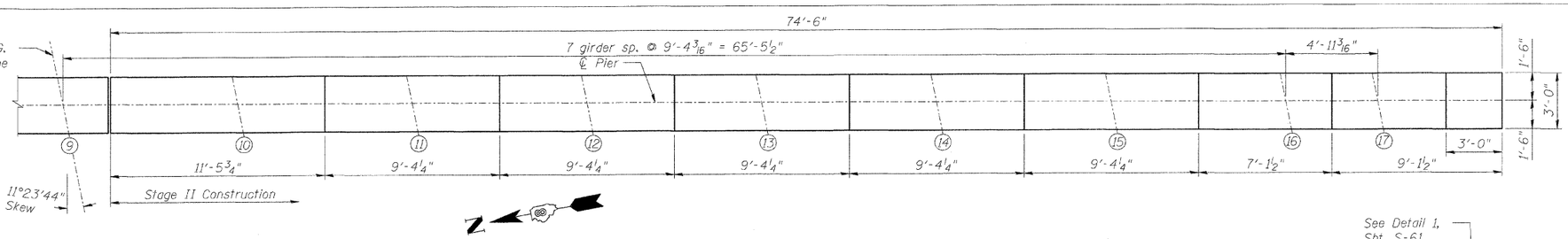
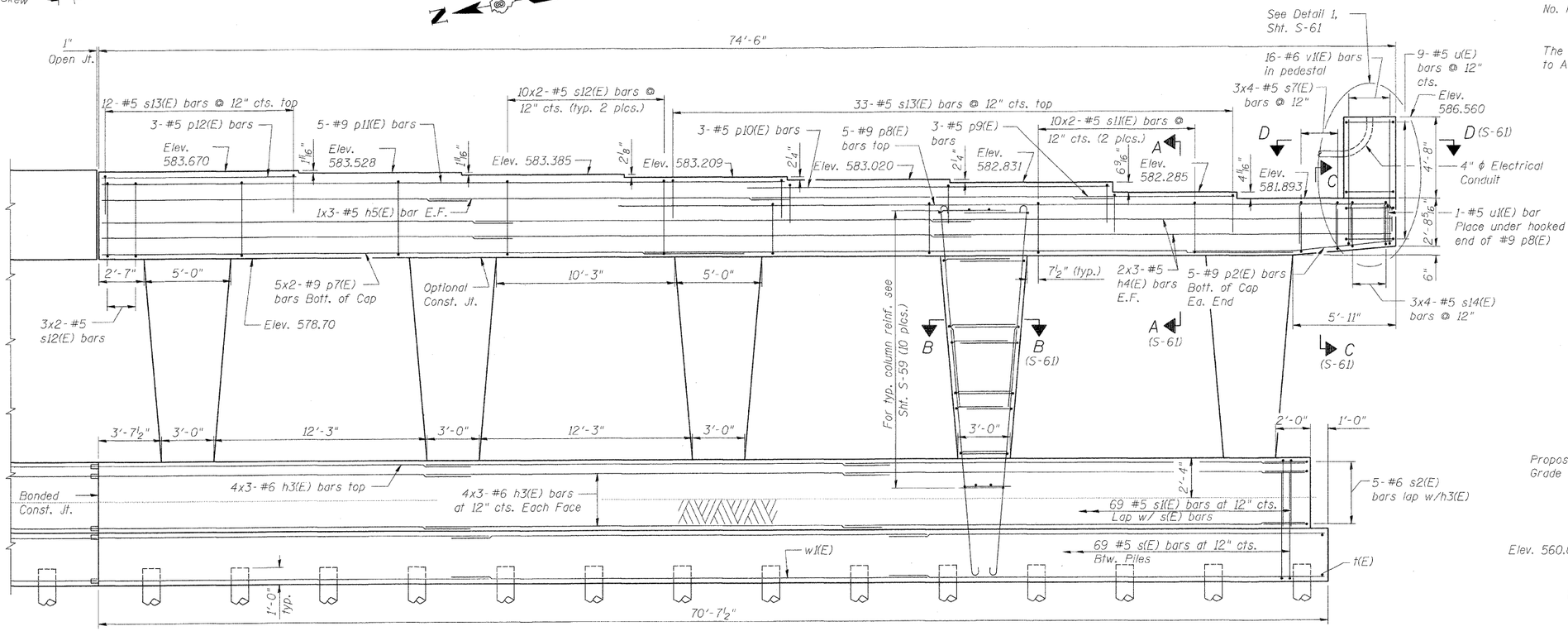
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 70 | 60-10K-1,60-10HB | MADISON | 420 | 278 |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

CONTRACT NO. 76709




ELEVATION
(Looking East)




END VIEW

## PILE DATA

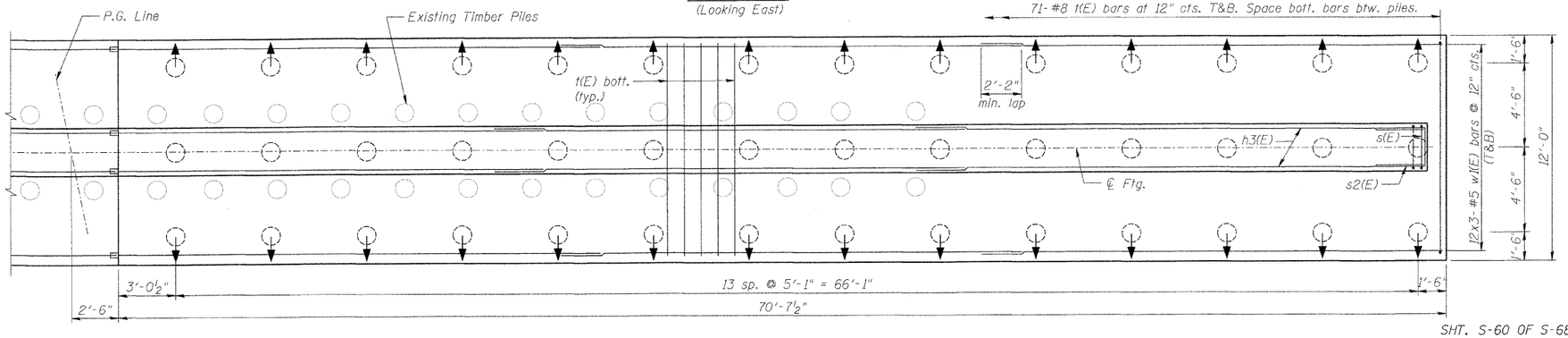
Type: 12" ℄ Metal Shell w/ 1/4" wall
Nominal Required Bearing: 355 kips
Allowable Resistence Available: 80 kips
Est. Length: 53 ft
No. Required: 42

The Metal Shell piles shall be according to ASTM A252 Grade 3

## MIN. BAR LAP

Unless noted otherwise

| Size | Lap |
|---|---|
| #5 | 3'-0" |
| #6 | 3'-7" |
| #7 | 3'-5" |
| #8 | 4'-6" |
| #9 | 5'-9" |




FOOTING PLAN

## NOTE:

For notes, see sht. S-59.

Denotes Battered Pile (2:12)

SHT. S-60 OF S-68

| REVISIONS | |
|---|---|
| NAME | DATE |
| | |


STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL. 60606-5015
312/525-0655, FAX 312/553-0661


ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 162 OVER I-55/70 IN TROY
F.A.I ROUTE 70 SECTION 60-10K-1, 60-10HB
MADISON COUNTY STATION 499+48.35
STRUCTURE NO. 060-0338

PIER PLAN & ELEVATION - STAGE II

DESIGNED: BTO DRAWN: BTO
DATE: 03/06 CHECKED: AWH CHECKED: AWH


wrd08_SNsht1.dgn 1/26/2006 2:40:13 PM