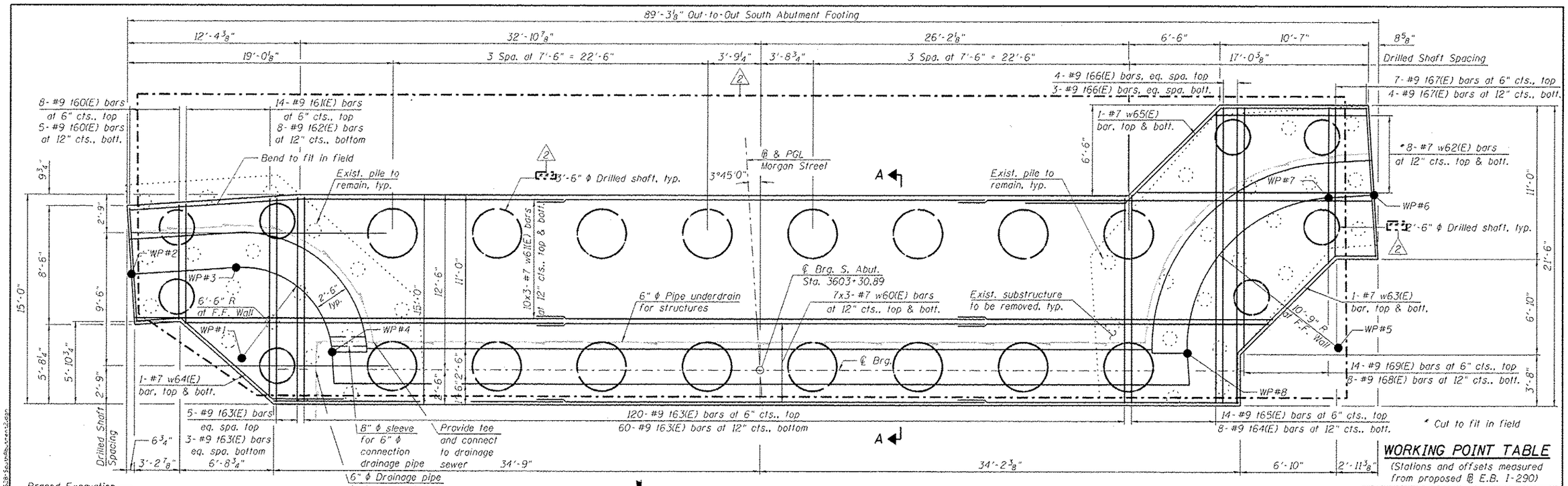


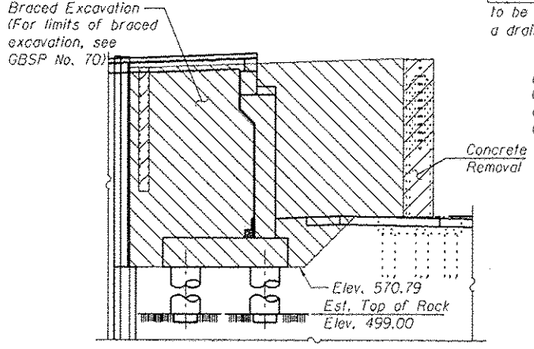

* Cut to fit in field

## WORKING POINT TABLE

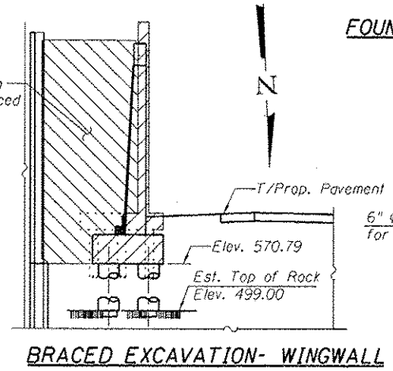
(Stations and offsets measured from proposed ℄ E.B. I-290)

| W.P. | Station | Offset |
|---|---|---|
| 1 | 5139+87.52 | 46.16' Rt. |
| 2 | 5139+95.31 | 51.75' Rt. |
| 3 | 5139+87.89 | 52.18' Rt. |
| 4 | 5139+81.09 | 46.10' Rt. |
| 5 | 5139+09.95 | 46.47' Rt. |
| 6 | 5139+07.51 | 57.43' Rt. |
| 7 | 5139+10.71 | 57.20' Rt. |
| 8 | 5139+20.61 | 46.02' Rt. |

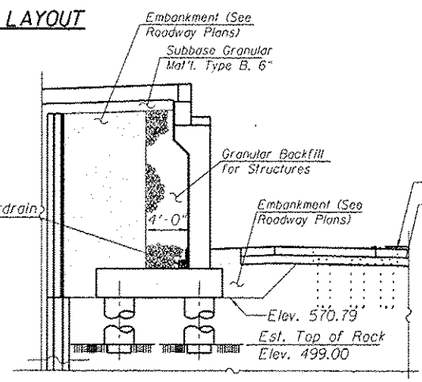
## FOUNDATION LAYOUT



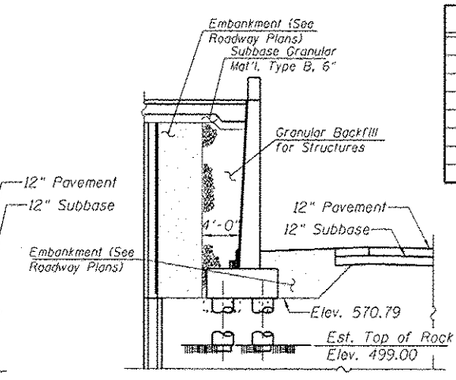

BRACED EXCAVATION - ABUTMENT




BRACED EXCAVATION- WINGWALL



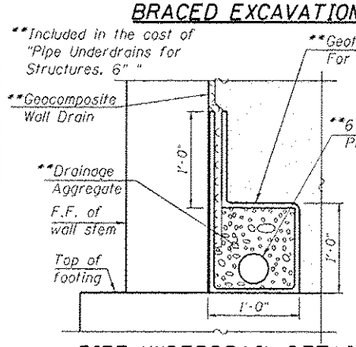

BACKFILL - ABUTMENT



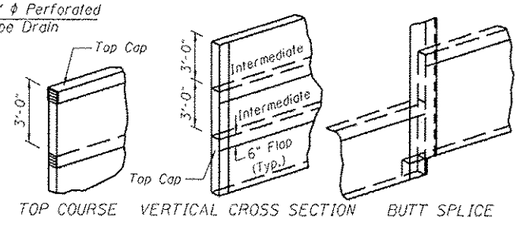

BACKFILL - WINGWALL

## LEGEND:

- Concrete Removal
- Braced Excavation
- Embankment
- Granular Backfill for Structures

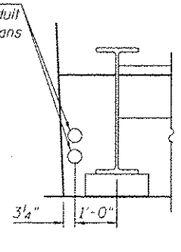



PIPE UNDERDRAIN DETAIL

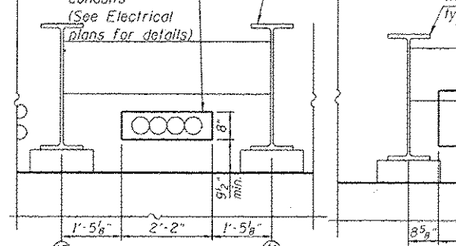



GEOCOMPOSITE WALL DRAIN DETAILS

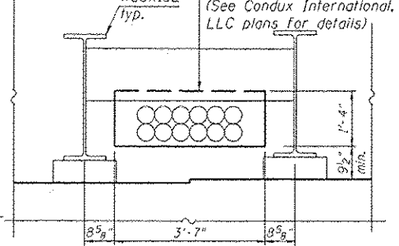
△2 *** When Contractor's means and methods include initiating drilling for shafts at elevations higher than the final top of shaft elevation (e.g. Existing Ground Elevation), the costs for drilling, disposing of excavation, providing casing and backfilling of drilled shafts or other appurtenant work activities in the areas between the elevation where drilling is initiated and the proposed elevation of the top of shaft shall not be paid for separately but shall be included in the cost of Drilled Shaft in Soil.




DETAIL C
(Detail G opposite hand)




DETAIL D




DETAIL E
(Detail F opposite hand)

△1 Entire sheet revised

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| | | | | | |
|---|---|---|---|---|---|
| FILE Path = | D:\61704-60W25-528-South Abutment2.dgn | DESIGNED - | MI. MAF | REVISED - △1 | 07/19/2013 MI. WM |
| USER NAME = | lisa.kallemeyn | DRAWN - | LAB, MAF | REVISED - △2 | 07/30/2013 MI. LAB |
| PLOT SCALE = | 2.0000 '/ ' in. | CHECKED - | MAI. MI. JJS | REVISED - | |
| PLOT DATE = | 7/30/2013 | DATE - | 6/17/2013 | REVISED - | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**SOUTH ABUTMENT FOOTING PLAN AND SECTIONS**
**STRUCTURE NO. 016-1709**

SCALE: | SHEET S1-28 OF S1 SHEETS | STA. | TO STA.

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 90/94/290 | 2013-007R | COOK | 317 | 172 |
| | | CONTRACT NO. 60W25 | | |
| | | ILLINOIS FED. AID PROJECT | | |