



| | 9 | F.A.U. RTE. | SECTION | СС | DUNTY | TOTAL SHEETS | SHEET NO. |
|--|---|--------------------------------|------------------|-------|----------|-----------------|--------------|
| | E A R T H 💓 T E C H | 1463 | 1010 . 1B | | COOK | 171 | 105 |
| | — | STA. TO STA. | | | | | |
| | A THCO INTERNATIONAL LTD. COMPANY | FED. RO | AD DIST. NO. ILL | INOIS | FED. AID | PROJECT | |
| ngth of the imum 60 ks. be lapped o be epoxy c sign may be st results fr the followin | NOTES pproved type and shall develop in tensi lapped reinforcement bars. i yield strength, threaded or coiled full and tied to the splicer rods or dowel b voated according to the requirements for submitted to the Engineer for approved rom an approved testing laboratory that g requirements: | lengi bars. br 1l. Ap | th. proval | | CONTRAC | 530 of | |
| $\frac{1}{1} \frac{1}{2} \frac{1}$ | fy x A _t | | | | | | |
| out Strength | = 0.66 x fy x A _t | | | | | | |
| | reinforcement bars in ksi. | | | | | | |

#9 #10 #11

| BAR SPLICER ASSEMBLIES | | | | | |
|-------------------------------|---------------------------------|------|--|--|--|
| | Strength Requirements | | | | |
| licer Rod or el Bar Length | Min. Capacity kips - tension | | | | |
| 1'-8'' | 14.7 | 7.9 | | | |
| 2'-0'' | 23.0 | 12.3 | | | |
| 2'-7'' | 33.1 | 17.4 | | | |
| 3'-5'' | 45.1 | 23.8 | | | |
| 4'-6'' | 58.9 | 31.3 | | | |
| 5'-9'' 75.0 | | 39.6 | | | |
| 7'-3'' | 95.0 | 50.3 | | | |
| 9'-0'' 117.4 | | 61.8 | | | |



| S | Т | Ά | ٨ | D | A | R | D | |
|---|---|---|---|---|---|---|---|--|
| | | | | | | | | |

| Bar Size | Required | Location |
|-------------|----------|----------|
| #4 | 16 | Approach |
| #5 | 1,285 | Deck |
| #5 | 20 | Abutment |
| #5 | 108 | Approach |
| #6 | 16 | Deck |
| #6 | 12 | Abutment |

