STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 81'-6'2" to Edge of Deck STAGE I CONSTRUCTION € I-57 81'± Temporary Soil-Retention System STAGE I CONSTRUCTION (LOOKING EAST) € I-57 STAGE II CONSTRUCTION 5'-6". Temporary Soil-Retention System Temporary Soil — Retention System to Remain, See Elevation View. STAGE II CONSTRUCTION (LOOKING EAST) 171'-9" Remove Stage I Temporary Soil Retention Sys. as req'd to tie-in to MSE abutment wall face -EL 635± Limit of reinforced EL 634±soil mass Ground surface Select Backfill top of soil Select Backfill retention system <u>NOTES</u> Exposed Surface Area-23'-84" Reinforcement 26'-5" Reinforcement 1. A cantilevered sheet piling design does not appear -61'-5½" feasible and additional members or other retention systems may be necessary. The Contractor shall submit a temporary soil retention system design including plan details and calculations for review * See MSE wall supplier shop plans Maximum excavation linefor limit of soil reinforcement. -- Cut penetration in temporary soil retention system for Stage II and acceptance by the engineer. abutment construction. Leave lower T/Leveling pad El 608.25 (min.) portion of retention system in place. *16.6'± T/Leveling pad Typ. each abutmentm, each stage. * 18.5′± BILL OF MATERIAL TEMPORARY SOIL RETENTION SYSTEM Hatched portion of temporary STRUCTURE NO. 016-1252 Temporary Soil Retention System Sq Ft | 6820 TEMPORARY SOIL RETENTION ELEVATION soil retention system to remain in place after construction. (LOOKING NORTH) Typ. each abutment, each stage. Stage I Retention shown. Stage II Retention similar. TOTAL SHEET NO. DESIGNED -AMD REVISIONS SECTION COUNTY DATE CHECKED -NAME SHEET NO. 57 1414.2B 516 317 TYLIN INTERNATIONAL COOK DRAWN MRB 62 SHEETS AMD CONTRACT NO. 60J27 CHECKED 03/18/10 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT