STEEL POST DESIGNED BY CONTRACTOR --- EXOTHERMIC CONNECTION -PROPOSED GRADE LINE (TYPICAL) GROUND SURFACE AT -- PRE-EMERGENT GRANULAR HERBICIDE FACE OF WALL ---- #2 BARE COPPER CONDUCTOR --- EXOTHERMIC CONNECTION DRILLED SHAFT--REINFORCED CONCRETE DRILLED SHAFT (REINF. STEEL AND LENGTH DESIGNED BY CONTRACTOR) DRILLED SHAFT DIA. DESIGNED BY CONTRACTOR 10' LONG, 3/4" DIA. COPPER GROUND ROD SECTION A-A

FRONTAGE ROAD SIDE OF WALL STEEL POST --- NOISE ABATEMENT WALL PANEL --- EXOTHERMIC CONNECTION -#2 BARE COPPER CONDUCTOR __10' LONG COPPER GROUND ROD I-55 SIDE OF WALL

PLAN SECTION AT SOUND WALL (LOOKING DOWN)

TYPICAL SOUND WALL GROUNDING PROVIDE AT EACH POST WITHIN COMED PROPERTY OR WITHIN 30' OF OVERHEAD TRANSMISSION WIRES

ILLINOIS DEPARTMENT OF TRANSPORTATION FAI ROUTE 55 (BLACK ROAD TO U.S. ROUTE 30) NOISE ABATEMENT WALLS REVISIONS DATE

NOISE ABATEMENT WALL,
GROUND MOUNTED
GROUNDING DETAILS FOR STEEL POSTS

SCALE: N.T.S. DATE 06/11/09

DRAWN BY JFS CHECKED BY DDH

TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS

DATE NAME SCALE NAME