JOB SPECIFIC NOTES

TOP SOIL REMOVAL

MATERIAL ACCEPTABLE FOR USE AS TOPSOIL IS READILY AVAILABLE THROUGHOUT THE PROJECT WITHIN THE ROW LIMITS IN BOTH CUT AND FILL SECTIONS. TOPSOIL SHOULD BE REMOVED TO THE DEPTH ENCOUNTERED OR TO AN AVERAGE DEPTH OF 4". THE TOPSOIL SHALL BE STOCKPILED FOR LATER USE, AS APPROPRIATE.

ACTUAL TOPSOIL THICKNESSES ENCOUNTERED VARY FROM 2" TO 12" WITHIN THE LIMITS OF THE PROJECT. BELOW IS A LIST OF ANTICIPATED TOPSOIL THICKNESSES AS IDENTIFIED IN THE ROADWAY GEOTECHNICAL REPORT (RGR). ACTUAL TOPSOIL THICKNESSES WILL LIKELY VARY.

LOCATION	ESTIMATED THICKNESS
STA 555+00 TO STA 616+00	2"
STA 616+00 TO STA 625+00	6"
STA 625+00 TO STA 638+00	2"
STA 638+00 TO STA 648+00	4"
STA 648+00 TO STA 660+00	2"
STA 660+00 TO STA 667+00	4.5"
STA 667+00 TO STA 681+00	3"
STA 681+00 TO STA 730+00	3"
STA 730+00 TO STA 802+00	6"
STA 802+00 TO STA 828+00	6"
STA 828+00 TO STA 831+50	9"
STA 831+50 TO STA 834+50	12"
STA 834+50 TO STA 841+00	6"
STA 841+00 TO STA 865+00	8"
STA 865+00 TO STA 896+00	9"

UNSUITABLE MATERIALS

THROUGHOUT THE LIMITS OF THE PROJECT, THERE ARE AREAS CONTAINING SOILS THAT ARE NOT SUITABLE FOR PROPOSED EMBANKMENT OR CULVERT CONSTRUCTION. CONSTRUCTION DIFFICULTIES ARE ANTICIPATED IN THESE AREAS DUE A COMBINATION OF LOW SOIL STRENGTH AND/OR SHALLOW GROUNDWATER. REMOVAL AND/OR TREATMENTS OF THESE AREAS AS IDENTIFIED IN THE ROADWAY GEOTECHNICAL REPORT (RGR) HAVE BEEN IDENTIFIED IN THE PLANS. TREATMENT REGIMENS SHALL BE ADJUSTED FOR ACTUAL FIELD CONDITIONS.

SOFT AND/OR SOILS WITH HIGH MOISTURE CONTENT WERE ENCOUNTERED NEAR THE GROUND SURFACE IN THE FOLLOWING FILL AREAS AND SHOULD BE TREATED/MODIFIED WITH LIME TO A DEPTH OF APPROXIMATELY 12" TO BUILD A STABLE WORKING PLATFORM FOR CONSTRUCTION OF EMBANKMENT:

LIME TREATMENT SHOULD BE USED ONLY IF THE REQUIREMENT OF THE STANDARD SPECIFICATION DO NOT PROVIDE SAFISFACTORY RESULTS TO THE ENGINEER.

LOCATION
STA 603+50 TO STA 605+00
STA 755+00 TO STA 765+00
STA 806+00 TO STA 814+00

GROUNDWATER

THROUGHOUT THE LIMITS OF THE PROJECT, THERE ARE AREAS WHERE GROUNDWATER IS ANTICIPATED TO BE ENCOUNTERED. CONSTRUCTION DIFFICULTIES ARE ANTICIPATED IN THESE AREAS. TREATMENT FOR HIGH GROUNDWATER HAS BEEN IDENTIFIED FOR THE ROADWAY SUBGRADE, UNDER CULVERTS, AND IN BACKSLOPES IN THE PLANS. AREAS WHERE GROUNDWATER IS LIKELY TO BE ENCOUNTERED AS IDENTIFIED IN THE ROADWAY GEOTECHNICAL REPORT (RGR) AND MAY IMPACT CONSTRUCTION ARE AS FOLLOWS AND ARE SUBJECT TO SEASONAL FLUCTUATIONS:

LOCATION
STA 555+00 TO STA 572+00
STA 576+00 TO STA 583+25
STA 620+00 TO STA 625+00
STA 625+00 TO STA 640+00
STA 641+00 (CULVERT)
STA 659+10 (CULVERT)
STA 665+90 (CULVERT)
STA 676+15 (CULVERT)
STA 679+00 CULVERT)
STA 691+00 TO STA 697+00
STA 715+00 TO STA 730+00
STA 730+00 TO STA 740+50
STA 745+50 TO STA 762+50
STA 802+00 TO STA 841+00
STA 841+00 TO STA 896+00
STA 2019+75 (CH 14 CULVERT)

SAND BACKSLOPES

THROUGHOUT THE PROJECT, THERE ARE AREAS IN THE BACKSLOPES WHERE LAYERS OF FINE AGGREGATES (SAND) MAY BE EXPOSED. THESE AREAS WILL NEED THE EROSION CONTROL PROTECTION MEASURES IDENTIFIED IN THE PLANS AND AS DIRECTED BY THE ENGINEER FOR ACTUAL FIELD CONDITIONS. THE AREAS WITH SAND LAYERS IN THE BACKSLOPES AS IDENTIFIED IN THE ROADWAY GEOTECHNICAL REPORT (RGR) ARE AS FOLLOWS:

LOCATION
STA 575+50 TO STA 578+50
STA 627+50 TO STA 629+50
STA 648+50 TO STA 678+00
STA 688+00 TO STA 692+00
STA 2013+75 TO STA 2015+50 (CH 14)
STA 2017+75 TO STA 2019+00 (CH 14)

IN ADDITION TO THE AREAS LISTED ABOVE, DITCH PROTECTION WILL BE REQUIRED FOR THOSE DITCH BOTTOMS AND SIDESLOPES THAT INTERSECT SAND LAYERS. DITCH PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS IN THE PLANS AND AS DIRECTED BY THE ENGINEER FOR ACTUAL FIELD CONDITIONS.

EXISTING EROSION CONTROL

ANY EXISTING EROSION CONTROL ITEM FROM PREVIOUS OR ADJACENT CONTRACTS SHALL BE MAINTAINED AS DIRECTED BY THE ENGINEER.

SETTLEMENT

TO FACILITATE PROPER SETTLEMENT OF UNDERLYING SOILS IN AREAS OF PROPOSED EMBANKMENTS, THERE ARE AREAS THAT HAVE BEEN IDENTIFIED IN THE ROADWAY GEOTECHNICAL REPORT (RGR) AND SHOWN IN THE PLANS THAT REQUIRE THE USE OF WICK DRAINS, PIEZOMETERS OR SETTLEMENT PLATFORMS.

THE FOLLOWING ARE THE LOCATIONS HAVING SOILS THAT WILL REQUIRE SETTLEMENT MEASURES:

LOCATION
STA 675+00 TO STA 683+00
STA 867+00 TO STA 896+00

LOCAL DETOUR

PAVEMENT PATCHING OF LOCAL DETOUR ROADWAYS SHALL BE COMPLETED PRIOR TO THE CLOSURE OF CH 14

CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

NO TWO CONSECUTIVE SIDE STREETS (ROADS) MAY BE CLOSED AT THE SAME TIME DURING CONSTRUCTION. THE CONTRACTOR MUST ALTERNATE STREETS (ROADS).

ADJACENT SIDE ROADS WILL NOT BE CLOSED SIMULTANEOUSLY. BLR STANDARD 21 SHALL BE USED FOR ALL LOCAL ROAD CLOSURES WITHOUT ANY ENTRANCES WITHIN THE CLOSED AREA. BLR STANDARD 22 CAN BE USED WHERE IT IS NECESSARY TO ALLOW LOCAL TRAFFIC ACCESS.

POLYMERIZED BITUMINOUS MATERIALS (PRIME COAT) RATES

SURFACE TYPE	ESTIMATED TRUCK APPLICATION RATE	RESIDUAL RATE
MILLED (HMA OR PCC)	0.08 GAL/SY (0.00034 TON/SY)	0.04 GAL/SY
EXISTING PAVEMENT	0.05 GAL/SY (0.00022 TON/SY)	0.025 GAL/SY
FOG COAT (BETWEEN LIFTS)	0.05 GAL/SY (0.00022 TON/SY)	0.025 GAL/SY

NOTE: ESTIMATED TRUCK APPLICATION RATE IS USED FOR ESTIMATING QUANTITIES.

CONTACTS

McDONOUGH COUNTY ENGINEER:
MR. TOM HICKMAN
(309) 833-4196 (W)
(309) 333-9213 (C)

EMMET TOWNSHIP ROAD COMMISSIONER:
MR. JEFF LEE
(309) 333-7333 (C)

EMERGENCY PHONE NUMBERS

McDONOUGH COUNTY SHERIFF'S DEPT.: (309) 833-2323 (NON-EMERGENCY/ADMIN.)

POST OFFICE: (309) 833-5594

BOARD OF EDUCATION: (309) 833-4161

FIRE DEPARTMENT: (309) 836-7800 (NON-EMERGENCY)

AMBULANCE SERVICE: (309) 837-4500 (NON-EMERGENCY)

COMMITMENTS

ONCE THE DEPARTMENT RECEIVES AND APPROVES A WRITTEN AGREEMENT BETWEEN MR. AND MRS. JAMES A. STANDLEY AND THEIR NEIGHBORS, MR. AND MRS. SCOTT E. MILLER, GRANTING PERMISSION FOR A CULVERT TO BE PLACED ALONG THE EAST EDGE OF MR. MILLER'S DRIVEWAY FOR THE PURPOSE OF ALLOWING FARM EQUIPMENT TO ACCESS THE FIELD DIRECTLY SOUTH OF THE STANDLEY'S PASTURE, THE DEPARTMENT AGREES TO PROVIDE AND INSTALL SAID CULVERT. UPON THE COMPLETION OF THE INSTALLATION, THE DEPARTMENT WILL NOT BE RESPONSIBLE FOR ANY DAMAGE, REPAIRS, MAINTENANCE, OR REPLACEMENT WHICH THE CULVERT MAY REQUIRE.

THE CONTRACTOR SHALL CONTACT THE PROPERTY OWNER (JAMES OR SHELLEY STANDLEY) PRIOR TO ANY WORK BEING PERFORMED ON THEIR DRIVEWAY ON THE SOUTH SIDE OF COUNTY HIGHWAY 20 WHICH ACCESSES THE PASTURE, WEST OF THEIR HOUSE. ALL WORK NECESSARY TO PREPARE THE LOCATION AND PLACE THE AGGREGATE DRIVE SHALL NOT DISTURB THE NEWLY INSTALLED FENCE AND SHALL BE CONFINED TO THE AREA DIRECTLY IN FRONT OF AND BEHIND THE GATE.