

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
656	09-00271-00-RS	SHELBY	62	3

NEOGA PROJECT
CONTRACT NO. 95670

GENERAL NOTES FOR RECONSTRUCTION

WHEREVER IN THE PLANS OR SPECIFICATIONS THE TERM STANDARD SPECIFICATIONS IS USED, IT SHALL BE UNDERSTOOD BY THE CONTRACTOR TO MEAN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AS PREPARED BY THE DEPARTMENT OF TRANSPORTATION OF THE STATE OF ILLINOIS AND ADOPTED JANUARY 1, 2012.

ALL ELEVATIONS SHOWN ARE IN REFERENCE TO A U.S.G.S. DATUM.

WHERE SECTION, SUB-SECTION MARKERS, OR U.S. ARMY CORPS OF ENGINEER MARKERS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE DEPARTMENT AND AUTHORIZED AGENT OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION.

FOR THE SUGGESTED SEQUENCE OF OPERATIONS SEE THE CONTRACT SPECIAL PROVISIONS.

EXISTING ROAD SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE COVERED OR REMOVED AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT PAY ITEMS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED THE CONTRACTOR.

ALL STREET RETURNS SHALL HAVE RADII MEASURED TO THE EDGE OF THE PAVEMENT UNLESS OTHERWISE NOTED ON THE PLANS.

ACCESS TO ALL ENTRANCES SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THIS SECTION.

EXCEPT WHERE DESIGNATED OTHERWISE, THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS & MUST BE CONSIDERED APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CONTACT J.U.L.I.E., PHONE 800-892-0123, AND ALL UTILITY COMPANIES PRIOR TO DIGGING.

THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES 48 HOURS PRIOR TO EXCAVATION OPERATIONS.

THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PROTECT PUBLIC AND PRIVATE PROPERTY. IF AT ANY TIME THE CONTRACTOR DAMAGES OR DESTROYS PUBLIC OR PRIVATE PROPERTY, THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, RESTORE SUCH PROPERTY TO A CONDITION EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE.

MAILBOX TURNOUTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH I.D.O.T. STANDARD B.L.R. 24.

THE CONTRACTOR SHALL NOTIFY THE SHELBY COUNTY HIGHWAY DEPARTMENT RESIDENT ENGINEER AND THE COUNTY ENGINEER 72 HOURS IN ADVANCE OF CONSTRUCTION WORK.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES AT THE TIME OF CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THEY PERFORM THEIR WORK.

GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THESE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF TEMPORARY EASEMENT AS POSSIBLE. THE DECISION AS TO ITEMS TO REMAIN IN PLACE SHALL BE DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

EARTH STOCK PILES SHALL BE TEMPORARILY SEEDED IF THEY ARE TO REMAIN UNUSED FOR MORE THAN 14 DAYS.

TEMPORARY EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED AS SHOWN IN THE EROSION CONTROL PLAN AND AS DIRECTED BY THE ENGINEER.

SEEDING SHALL BE DONE ON ALL AREAS THAT ARE DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER. SEEDING SHALL BE PAID FOR ONLY WITHIN THE PROPOSED RIGHT-OF-WAY OR EASEMENT LIMITS. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMIT SHALL BE SEEDED AS DIRECTED BY THE ENGINEER, AT THE CONTRACTOR'S EXPENSE.

BEFORE ORDERING PIPE CULVERTS, PIPE DRAINS, OR STORM SEWER, THE CONTRACTOR SHALL CONSULT WITH THE ENGINEER TO VERIFY THE LENGTHS NEEDED.

RECONSTRUCTION AREA

F.A.S. 656 (NEOGA ROAD) (CH-33)

FUNCTIONAL CLASSIFICATION: RURAL MAJOR COLLECTOR
CLASS III ROAD

DESIGN PERIOD = 20 YEARS

LOAD = 80,000 POUND ROAD

IBV = 4

DESIGN LANE DISTRIBUTION (FOR ALL VEHICLE CLASSES) = 50%

PAVEMENT DESIGN TRAFFIC (1)

CURRENT A.D.T. = 900

DESIGN YEAR = 2030

DESIGN A.D.T. = 1150

PU% = 88.7% = 1020 PASSENGER CARS
SU% = 8.7% = 100 SINGLE UNIT TRUCKS
MU% = 2.6% = 30 MULTI UNIT TRUCKS

TF = 0.23

(1) NUMBER OF VEHICLES FOR THE DESIGN YEAR WERE PROVIDED BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION

RATES OF APPLICATIONS FOR RECONSTRUCTION

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

THESE RATES MAY BE ADJUSTED BY THE ENGINEER IN THE FIELD.

AGGREGATE SHOULDERS = 2.10 TONS/CU.YD.

AGGREGATE SURFACE COURSE = 2.10 TONS/CU.YD.

AGGREGATE BASE COURSE TYPE A = 2.10 TONS/CU.YD.

FERTILIZER NUTRIENT = 90.0 POUNDS OF NUTRIENT/ACRE

MULCH, METHOD 2 = 2.0 TON/ACRE

TEMPORARY EROSION SEEDING = 200 POUND/ACRE

STONE RIPRAP A3 = 0.55 TON/SQ.YD.

TRENCH BACKFILL = 1.35 TON/CU.YD.

LIME = 45 LBS/TON

FINAL PAVEMENT DESIGN INFORMATION

CALCULATED TRAFFIC FACTOR = 0.2998

USE 0.500 MIN TRAFFIC FACTOR

PROPOSED PAVEMENT

JOINT SPACING = 15 FOOT (NOMIAL)
DOWEL BARS = 1½ INCH DIAMETER

8" PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED)

12" LIME MODIFIED SOIL

SHELBY COUNTY
NEOGA ROAD PROJECT
F.A.S. 656
SECTION 09-00271-00-RS
DETAILS