F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0083	02-00270-00-BR	MCHENRY	37	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO.: 83872

SITE DESCRIPTION

DESCRIPTION OF CONSTRUCTION ACTIVITY

1. THE PROPOSED PROJECT CONSISTS OF THE REPLACEMENT OF THE STRUCTURE CARRYING STREIT ROAD OVER THE NORTH BRANCH OF THE KISHWAUKEE RIVER AND UPGRADING THE ROADWAY APPROACH.

2. CONSTRUCTION CONSISTS OF REMOVING AND REPLACING THE EXISTING STRUCTURE, RAISING OF THE ROADWAY GRADE, CONSTRUCTION OF A FULL DEPTH BITUMINOUS PAVEMENT, THE PLACEMENT OF AGGREGATE SHOULDERS AND OTHER MISCELLANEOUS WORK TO COMPLETE IMPROVEMENTS TO THE PROPOSED ROADWAY.

DESCRIPTION OF INTENDED SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES WHICH WILL DISTURB EARTH AND LEAD TO POSSIBLE EROSION FOR MAJOR PORTIONS OF THE CONSTRUCTION SITE.

1. PLACEMENT OF PERIMETER EROSION BARRIER PRIOR TO THE COMMENCEMENT OF ANY ROAD OR BRIDGE WORK,

2. REMOVAL OF THE EXISTING STRUCTURE CARRYING STREIT ROAD OVER THE NORTH BRANCH OF THE KISWAUKEE RIVER,

3. CONSTRUCTION OF REPLACEMENT STRUCTURE CARRYING STREIT ROAD OVER THE NORTH BRANCH OF THE KISWAUKEE RIVER,

4. DRAINAGE STRUCTURES INCLUDING DITCHES, WILL BE INSTALLED BEFORE AND/OR DURING THE COMPLETION OF THE EMBANKMENT,

5. PLACEMENT, MAINTENANCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL, SUCH AS EROSION CONTROL FENCE, HAY OR STRAW BALE DITCH CHECKS, RIPRAP DITCH CHECKS, SEDIMENT BASINS, TEMPORARY SEEDING, ETC.,

6. PLACEMENT OF PERMANENT EROSION CONTROL, SUCH AS RIPRAP DITCH LINING, RIPRAP STILLING BASINS, RIPRAP DRY DAMS, EXCELSIOR BLANKET, SEEDING, ETC.,

7. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS.

AREA OF CONSTRUCTION SITE:

THE TOTAL DRAINAGE AREA ENTERING AND INCLUDING THE CONSTRUCTION SITE IS TO BE 15.58 ACRES IN WHICH 2.09 ACRES WILL BE DISTURBED BY EXCAVATION, GRADING OR OTHER ACTIVITIES

NOTES:

1. THE SOIL AND EROSION CONTROL PROVISIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CONSTRUCTION SPECIFICATIONS OF THE ILLINOIS URBAN MANUAL, LATEST EDITION.

2. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE ONSET OF CONSTRUCTION.

3. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE MAINTAINED IN AN EFFECTIVE WORKING CONDITION. SEDIMENT CONTROL MEASURES SHALL BE REPAIRED, REPLACED, AND MAINTAINED AFTER A SINGULAR OR CUMMULATIVE RAINFALL EVENT(S) OF 0.5 INCHES OR MORE OVER A 24-HOUR.

4. INSPECTION AND MAINTENANCE RECORDS FOR THE EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED TO BE KEPT ON-SITE. COPIES OF THE INSPECTION RECORDS ARE REQUIRED TO BE SUBMITTED TO MCHENRY COUNTY IN A MONTHLY INSPECTION REPORT.

5. ADDITIONAL EROSION CONTROL PROVISIONS TO THOSE SHOWN ON THE PLANS MAY BE REQUIRED BY THE MCHENRY COUNTY ENFORCEMENT OFFICER AS WARRANTED BY SITE CONDITIONS.

6. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS AND CLEANED WHEN NECESSARY.

DRAINAGE TRIBUTARIES RECEIVING WATER FROM THIS CONSTRUCTION SITE

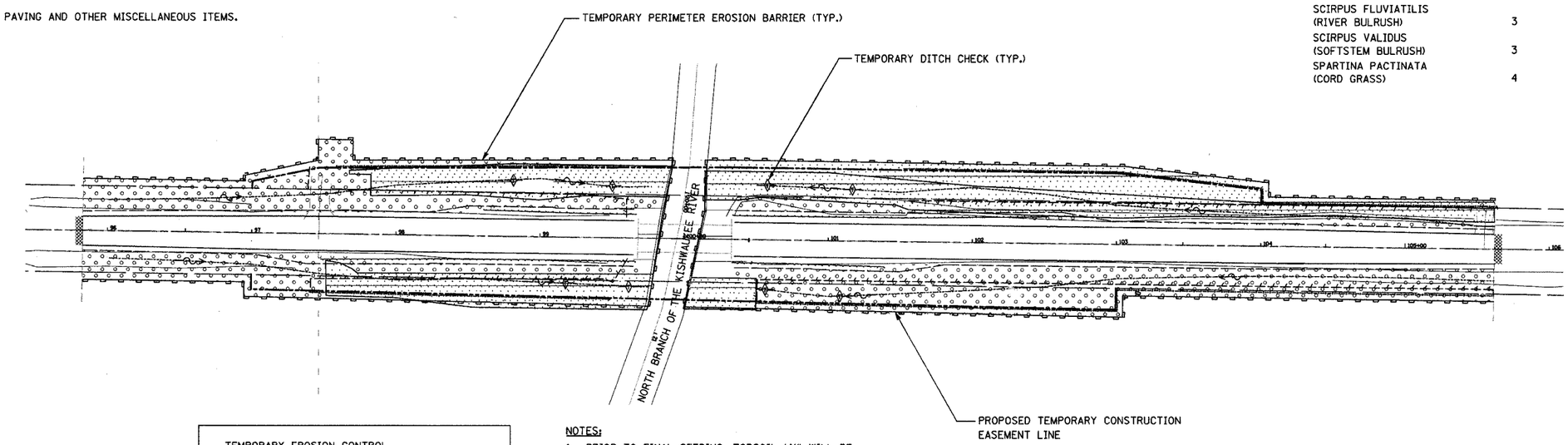
1. KISHWAUKEE RIVER

2. MINOR TRIBUTARIES OF THE ABOVE

WETLAND SEEDING MIX (IDOT SEEDING MIX 4B)

ANNUAL RYEGRASS	30 KG/HECTARE (25 LB/ACRE)
OATS, SPRING	30 KG/HECTARE (25 LB/ACRE)
WETLAND GRASSED (BELOW)	6 KG/HECTARE (6 LB/ACRE)

SPECIES	% BY WEIGHT 5/
CALAMAGROSTIS CANADENSIS (BLUE JOINT GRASS)	12
CAREX LACUSTRIS (LAKE-BANK SEDGE)	6
CAREX SLIPATA (AWL-FRUITED SEDGE)	6
CAREX STRICTA (TUSSOCK SEDGE)	6
CAREX VULPINOIDEA (FOX SEDGE)	6
ELEOCHARIS ACICULORIS (NEEDLE SPIKE RUSH)	3
ELEOCHARIS OBTUSA (BLUNT SPIKE RUSH)	3
GLYCERIA STRIATE (FOWL MANNA GRASS)	14
JUNCUS EFFUSUS (COMMON RUSH)	6
JUNCUS TENUIS (SLENDER RUSH)	6
JUNCUS TORREYI (TORREY'S RUSH)	6
LEERSIA ORYZOIDES (RICE CUT GRASS)	10
SCIRPUS ACTUS (HARD-STEMMED BULRUSH)	3
SCIRPUS ATROVIRENS (DARK GREEN RUSH)	3
SCIRPUS FLUVIATILIS (RIVER BULRUSH)	3
SCIRPUS VALIDUS (SOFTSTEM BULRUSH)	3
SPARTINA PACTINATA (CORD GRASS)	4



TEMPORARY EROSION CONTROL

TEMPORARY PERIMETER EROSION BARRIER

TEMPORARY DITCH CHECK

PERMANENT EROSION CONTROL

CLASS 2A (SPECIAL) SEEDING

CLASS 4B SEEDING

NOTES:

1. PRIOR TO FINAL SEEDING, TOPSOIL (4") WILL BE FURNISHED AND PLACED OVER THE ENTIRE AREA TO BE SEEDED.

2. WETLAND SEEDING AREA SHALL BE SEEDED DIRECTLY AFTER WORK IN THE AREA IS COMPLETE.

STRAND ASSOCIATES, INC. ENGINEERS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
T.R. 0083 (STREIT ROAD) OVER
NORTH BRANCH OF THE KISHWAUKEE RIVER
T.R. 0083 SECTION 02-00270-00-BR
McHENRY COUNTY
S.N. 056-3067

SCALE: VERT. HORIZ.
DATE 8/23/2006
DRAWN BY JDM
CHECKED BY AJS