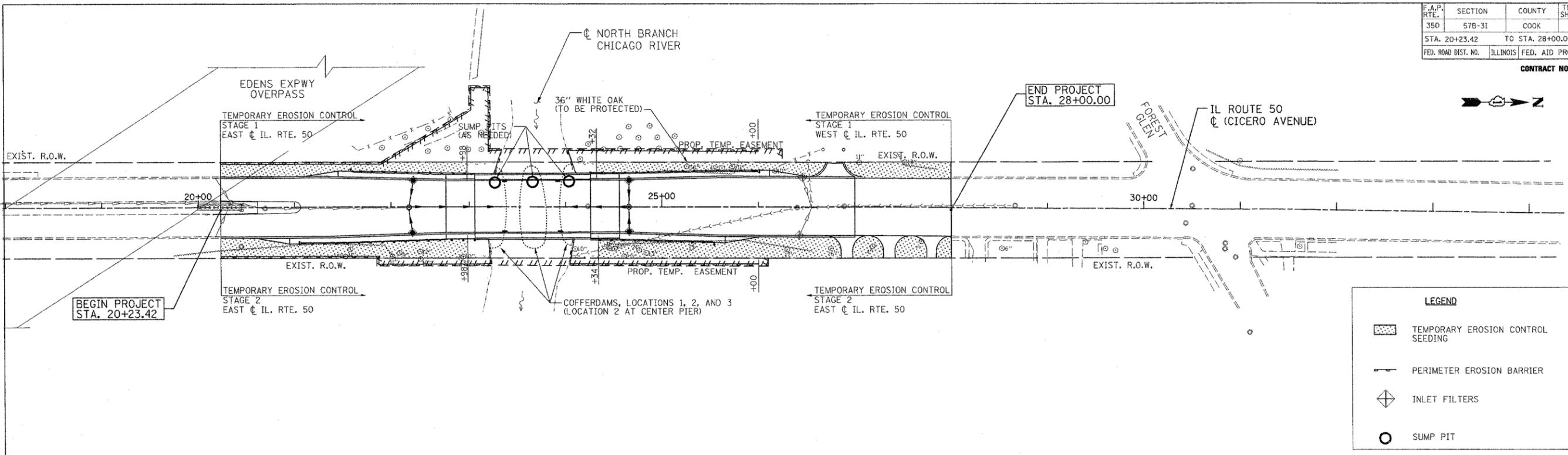


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	57B-31	COOK	62	19
STA. 20+23.42		TO STA. 28+00.00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

CONTRACT NO. 60440



PLAN

**GENERAL NOTES
SOIL EROSION & SEDIMENT CONTROL**

- A PRE-CONSTRUCTION MEETING TO REVIEW IMPLEMENTATION OF THIS PLAN AND ALL SESC MEASURES WILL TAKE PLACE WITH A REPRESENTATIVE FROM THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT, NATURAL RESOURCES CONSERVATION SERVICE, OR THE ARMY CORPS OF ENGINEERS DISTRICT PRESENT.
 - THE ENGINEER SHALL INSPECT ALL TEMPORARY AND PERMANENT EROSION CONTROL STRUCTURES WEEKLY AND AFTER 1/2 INCH OR GREATER RAINSTORM EVENT AND INFORM AND DIRECT THE CONTRACTOR TO REPAIR/REPLACE ALL EROSION CONTROL MATERIALS/STRUCTURES PROMPTLY AS NEEDED. A COPY OF EACH INSPECTION REPORT WILL BE FAXED TO THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT.
 - THE FOLLOWING EROSION CONTROL NOTES AND DETAILS MEET REQUIREMENTS FOR EROSION CONTROL OF THE ILLINOIS URBAN MANUAL AND IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 - ONCE CONSTRUCTION IN A DISTURBED AREA HAS BEEN COMPLETED, PERMANENT STABILIZATION MEASURES WILL BE IMPLEMENTED WITHIN SEVEN DAYS.
 - THE SOIL AND WATER CONSERVATION DISTRICT IS RESPONSIBLE FOR CONDUCTING SITE VISITS AND VERIFYING THAT THE PRACTICES ARE WORKING PROPERLY AND DETERMINE IF ADDITIONAL PRACTICES ARE NEEDED FOR BETTER SOIL EROSION AND SEDIMENT CONTROL. IF ADDITIONAL PRACTICES ARE DEEMED NECESSARY BY THE SWCD THE CONTRACTOR WILL IMPLEMENT THE PRACTICES IN A TIMELY MANNER.
 - THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION MEETING, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO FINAL INSPECTION.
 - THE USE OF STRAW BALES AS DEPICTED ON IDOT HIGHWAY STANDARD 280001 IS NOT ACCEPTABLE.
- TOPSOIL**
- SUITABLE TOPSOIL AS DESCRIBED IN SECTION 211 SHALL BE USED. ORGANIC CONTENT SHALL BE NOT LESS THAN 1.5% BY WEIGHT AND pH SHALL RANGE FORM 6.0-7.5.
 - IF TOPSOIL IS TO BE STOCKPILED AT THE SITE, A LOCATION SHALL BE SELECTED SO THAT IT WILL NOT ERODE, BLOCK DRAINAGE, OR INTERFERE WITH WORK ON THE SITE AND SHALL BE APPROVED BY THE ENGINEER. LOCATIONS SHALL BE DISCUSSED AND DETERMINED AT THE PRE-CONSTRUCTION CONFERENCE.
 - ALL STOCKPILES SHALL BE IMMEDIATELY PROTECTED WITH SILT FENCE/PERIMETER BARRIER. TEMPORARY PRIOR SEEDING OF STOCKPILES SHALL BE COMPLETED WITHIN 7 DAYS OF FORMATION OF STOCKPILE IF IT IS TO REMAIN SOIL UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT SEEDING OF STOCKPILE SHALL BE COMPLETED WITHIN 7 DAYS OF FORMATION OF STOCKPILE IF IT IS TO REMAIN UNDISTURBED FOR LONGER THAN 12 MONTHS.
 - ADDITIONAL TOPSOIL FROM OUTSIDE THE R.O.W. SHALL BE APPROVED BY THE ENGINEER PRIOR TO ITS USE, PROVIDED THAT THE MATERIAL MEETS THE REQUIREMENTS DESCRIBED ABOVE FOR TOPSOIL.

- PERIMETER EROSION BARRIER/SILT FENCE**
- EROSION CONTROL FENCE SHALL BE INSTALLED AND FUNCTIONING PROPERLY PRIOR TO ANY EARTHWORK ACTIVITIES IN THE AREA TO BE PROTECTED. THEY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
 - FABRIC FILTER MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1080.02 MATERIAL STANDARD.
- EROSION CONTROL BLANKET**
- EROSION CONTROL BLANKET MAY BE USED TO PROTECT ALL AREAS GRADED PRIOR TO LANDSCAPING AS DIRECTED BY THE ENGINEER.
 - THE BLANKET WILL BE IN FIRM CONTACT WITH THE SOIL. IT SHALL BE ANCHORED PER MANUFACTURER'S RECOMMENDATION WITH PROPER NUMBER AND SPACING OF WIRE STAPLES WHOSE LENGTH AND HEIGHT MEET THE MANUFACTURER'S RECOMMENDATION.
 - THE EROSION CONTROL BLANKET SHALL BE LOOSELY PLACED OVER GROUND SURFACE AND STAPLED. DO NOT STRETCH MATERIAL.
 - THE TYPE OF BLANKET SHALL BE DETERMINED BY THE ENGINEER AND INSTALLED AS DETAILED IN THE PLANS. THE BLANKET WILL BE UNROLLED UPSTREAM TO DOWNSTREAM PARALLEL TO THE DIRECTION OF FLOW IN THE CHANNEL AND PERPENDICULAR TO THE FLOW ON SLOPES. THE UPSTREAM END OF EACH BLANKET WILL BE ANCHORED IN A MINIMUM 150mm (6 IN) ANCHOR TRENCH. THESE BLANKETS WHEN LAID SIDE BY SIDE SHALL OVERLAP A MIN. OF 4 INCHES. BLANKETS SHALL OVERLAP 300mm (12 IN) AT THE DOWNSTREAM ENDS.
- INLET AND PIPE PROTECTION**
- FABRIC DROP INLETS SHALL BE USED FOR INLET AND PIPE PROTECTION ON INLET-SIDE OF FLARED END SECTIONS AND SHALL CONFORM TO THE DETAILS PROVIDED IN THE PLANS FOR EROSION AND SEDIMENT CONTROL.
 - THE STAKES SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVEN INTO THE GROUND APPROXIMATELY 18 INCHES DEEP.
 - THE SILT FENCE SHOULD BE ENTRENCHED 12 INCHES AND BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.
 - SEDIMENT SHOULD BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE HEIGHT OF THE INLET PROTECTION.
 - INLET FILTER BAGS SHALL BE USED AS INLET PROTECTION IN CATCH BASINS.
- STONE RIPRAP - SLOPE STABILIZATION**
- THE STONE RIPRAP IS PROVIDED FOR USE AT LOCATIONS DESIGNATED ON THE PLANS TO PROVIDE FOR SCOUR PROTECTION/SLOPE STABILIZATION. FABRIC FILTER MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1080.03 MATERIAL STANDARD.

- SEEDING**
- FERTILIZER NUTRIENTS SHALL BE APPLIED TO THE AREA TO BE SEEDED AT A RATIO OF 1:1:1. RATE PER ACRE:
90 LB NITROGEN NUTRIENT FERTILIZER
90 LB PHOSPHORUS NUTRIENT FERTILIZER
90 LB POTASSIUM NUTRIENT FERTILIZER
 - PRIOR TO SEED PLACEMENT, AREAS TO BE SEEDED SHALL BE BROUGHT TO FINAL GRADE. ANY IRREGULARITIES IN SOIL SURFACE SHALL BE FILLED OR SHAPED TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
 - SEEDING SHALL BE PLACED IN ACCORDANCE WITH SECTION 250.
 - AFTER SEEDING IS COMPLETE, SEED SHALL BE IRRIGATED AT A RATE THAT DOES NOT RESULT IN RUNOFF. SUPPLEMENTAL WATERING HAS BEEN PROVIDED IN THE EVENT OF PERIODS EXCEEDING 26 DEGREES CELSIUS (80 DEGREES FAHRENHEIT) OR SUBNORMAL RAINFALL.
 - SEEDING SHALL ONLY OCCUR DURING THE APPROPRIATE PLANTING TIMES, WHICH ARE APRIL 1 TO JUNE 1 AND AUGUST 15 TO SEPTEMBER 30.
- BRIDGE RECONSTRUCTION**
- APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL METHODS WILL BE INCLUDED FOR EACH STEP OF THE BRIDGE RECONSTRUCTION BY THE CONTRACTOR AND RESIDENT ENGINEER. AT A MINIMUM, THE WORK AREA NEEDS TO BE ISOLATED FROM ANY FLOWING WATER. THIS SHOULD BE DONE VIA A COFFERDAM AND BY-PASS PIPING THE FLOW AROUND THE WORK AREA.
 - THE NORTH COOK SOIL AND WATER CONSERVATION DISTRICT WILL BE CONTACTED SEVEN DAYS BEFORE ANY IN-STREAM WORK BEGINS TO ENSURE ADEQUATE SESC PRACTICES ARE IN PLACE BEFORE CONSTRUCTION BEGINS.
 - THE NORTH COOK COUNTY SOIL AND WATER CONSERVATION DISTRICT CAN BE CONTACTED AT (847) 468-0071, MONDAY-FRIDAY 8:00 AM - 4:30 PM OR BY FAX AT (847) 608-8302.
- SUMP PIT INFORMATION**
- SEE ADDITIONAL NOTES ADJACENT TO DETAIL.

PATRICK
ENGINEERING INC.
LISLE, ILLINOIS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILLINOIS ROUTE 50 (CICERO AVENUE)
OVER NORTH BRANCH CHICAGO RIVER
EROSION CONTROL PLAN & NOTES
STA. 20+23.42 TO STA. 28+00.00

SCALE: VERT. 1"=5'
HORIZ. 1"=50'

DATE: SEPTEMBER 19, 2006

DRAWN BY: RJW
CHECKED BY: ADJ