F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
3578	15VB-1-R-1	соок	243	34		
STA.	. TO STA.					
FED. RC	AD DIST, NO.	ILLINOIS FED.	AID PROJ	ECT		
	TRACT NO	. 62388				

GENERAL CONSTRUCTION SEQUENCE

PRE-STAGE AND STAGE 1

BRIDGE CONSTRUCTION OVER STONEY CREEK AND B&O R.R. ROADWAY RECONSTRUCTION
EB SWHY: STA. 4450 TO STA.5+110
SB RIDGELAND AVE.; STA. 5+990 TO STA. 6+240

- ALL EROSION CONTROL MEASURES SOUTH OF SOUTHWEST HIGHWAY AND WEST OF RIDGELAND AVE, WILL BE IN PLACE FOR STAGE 1
- INSTALL EROSION BARRIER PRIOR TO EXCAVATION OR THE REMOVAL OF ANY EXISTING VEGETATION. INSTALL PERIMETER EROSION BARRIER TO PROTECT ALL CULVERTS, AND TREES AS SHOWN ON THE PLANS.
- 3. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCES.
- 4. CONSTRUCT PROPOSED OUTLET DITCHES, CHANNELS, AND ROADSIDE DITCHES WITHIN EACH GRADING UNIT PRIOR TO BEGINNING EARTHWORK IN THAT UNIT. INSTALL DITCH CHECKS IN DITCH AND STABILIZE AS SHOWN ON THE PLANS.
- 5. CONSTRUCT EMBANKMENT/EXCAVATION AND STABILIZE SIDESLOPES
 AS SHOWN ON THE PLAN.
- 6. INSTALL INLET AND PIPE PROTECTION AS SHOWN ON THE PLANS AS STRUCTURES ARE PUT IN PLACE.

STAGE 2

BRIDGE CONSTRUCTION OVER STONEY CREEK AND B&O R.R. ROADWAY RECONSTRUCTION EB SWHY: STA. 4+450 TO STA.5+110 SB RIDGELAND AVE. STA. 5+990 TO STA. 6+240

- ALL EROSION CONTROL MEASURES EAST OF & RIDGELAND AVENUE WILL BE IN PLACE FOR STAGE AB. ALL EROSION CONTROL MEASURES SOUTH OF & SOUTHWEST HIGHWAY WILL REMAIN IN PLACE DURING STAGE 1B.
- INSTALL EROSION BARRIER PRIOR TO EXCAVATION
 OR THE REMOVAL OF ANY EXISTING VEGETATION.
 INSTALL PERIMETER SILT FENCE TO PROTECT ALL
 WETLANDS, CULVERTS, AND TREES AS SHOWN ON THE PLANS.
- 3. CONSTRUCT PROPOSED OUTLET DITCHES, CHANNELS, AND ROADSIDE DITCHES WITHIN EACH GRADING UNIT PRIOR TO BEGINNING EARTHWORK IN THAT UNIT. INSTALL DITCH CHECKS IN DITCH AND STABILIZE AS SHOWN ON THE PLANS.
- 4. CONSTRUCT EMBANKMENT/EXCAVATION AND STABILIZE SIDESLOPES AS SHOWN ON THE PLAN.
- 5. INSTALL INLET AND PIPE PROTECTION AS SHOWN ON THE PLANS AS STRUCTURES ARE PUT IN PLACE.

STAGE 3

BRIDGE CONSTRUCTION OVER STONEY CREEK AND B&O R.R. ROADWAY RECONSTRUCTION
WB SWHY: STA. 44450 TO STA.5+i10
SB RIDGELAND AVE.; STA. 6+i00 TO STA. 6+i20

- 1. ALL EROSION CONTROL MEASURES NORTH AND SOUTH OF \$\psi\$ SOUTHWEST HIGHWAY FROM STA. 4+450 TO STA. 5+990 WILL BE IN PLACE FOR STAGE 2A. ALL EROSION CONTROL MEASURES EAST AND WEST OF \$\psi\$ RIDGELAND AVENUE FROM STA. 5+990 TO STA. 6+240 WILL ALSO BE IN PLACE FOR STAGE 2A.
- 2. INSTALL EROSION BARRIER PRIOR TO EXCAVATION
 OR THE REMOVAL OF ANY EXISTING VEGETATION.
 INSTALL PERIMETER EROSION BARRIER TO PROTECT ALL
 WETLANDS, CULVERTS, AND TREES AS SHOWN ON THE PLANS.
- 3. CONSTRUCT EMBANKMENT/EXCAVATION AND STABILIZE SIDESLOPES AS SHOWN ON THE PLAN.
- 4. INSTALL INLET AND PIPE PROTECTION AS SHOWN ON THE PLANS AS STRUCTURES ARE PUT IN PLACE.
- 5. SPECIAL ATTENTION SHOULD BE PAID AT THE OUTLET EAST OF STONE CREEK. DITCH CHECKS AND PERIMETER EROSION BARRIER AS SHOWN ON THE PLANS SHALL BE MAINTAINED AT THE OUTLET AND ALONG THE DITCH AT ALL TIMES.

STAGE 4

BRIDGE CONSTRUCTION OVER STONEY CREEK AND B&O R.R. ROADWAY RECONSTRUCTION WB SWHY: STA. 4450 TO STA.5+110 NB RIDGELAND AVE.: STA. 6+100 TO STA. 6+120

- 1. ALL EROSION CONTROL MEASURES NORTH AND SOUTH OF & SOUTHWEST HIGHWAY FROM STA. 4+450 TO STA. 5+990 WILL BE IN PLACE FOR STAGE 2B.

 ALL EROSION CONTROL MEASURES EAST AND WEST OF & RIDGELAND AVENUE FROM STA. 5+990 TO STA. 6+240 WILL ALSO BE IN PLACE FOR
- INSTALL SILT FILTER FENCE PRIOR TO EXCAVATION
 OR THE REMOVAL OF ANY EXISTING VEGETATION.
 INSTALL PERIMETER EROSION BARRIER TO PROTECT ALL
 WETLANDS, CULVERTS, AND TREES AS SHOWN ON THE PLANS.
- 3. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE PERMANENT STABILIZATION PLAN HAS BEEN IMPLEMENTED AND FINAL STABILIZATION VEGETATION IS 70% VIABLE.

EROSION CONTROL GENERAL NOTES

ALL WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 15-116 OF THE COOK COUNTY COUNTYWIDE STORM WATER AND FLOOD PLAIN ORDINANCE,
EFFECTIVESEPTEMBER 24, 1991 AND ALL SUB-SEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT
STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES
WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT ILR40.

EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE

SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.

ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. ERODABLE AREAS OUTSIDE AND DOWN SLOPE FROM THE CONSTRUCTION LIMITS SHALL BE SIMILARLY SEEDED.

THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS TO REMAIN FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF IN WETLANDS.

WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.

WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.

GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.

CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.

ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON THE SITE ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER

THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 1.3 CENTIMETER PRECIPITATION.

DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED WITHIN 72 HOURS. EROSION CONTROL SYSTEMS REPLACED DUE TO SEDIMENT LOADING WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

THE COST OF REPAIRING OR REMOVING SEDIMENT FROM EROSION CONTROL SYSTEMS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE EROSION CONTROL ITEM.

ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

REVISIONS						
NAME [DATE	ILLINOIS DEP	ARTMENT OF	F TRANSPORTATION		
·		FAU 3578 (SOUTHWEST HIGHWAY) OVER B&O RAILROAD AND STONY CREEK				
		EROSION A	ND SEDIMENT	CONTROL F	PLAN	
		NOTES				
		SCALE: NTS		DRAWN BY:	MAT	
		DATE: 6/17/09		CHECKED BY:	DES	