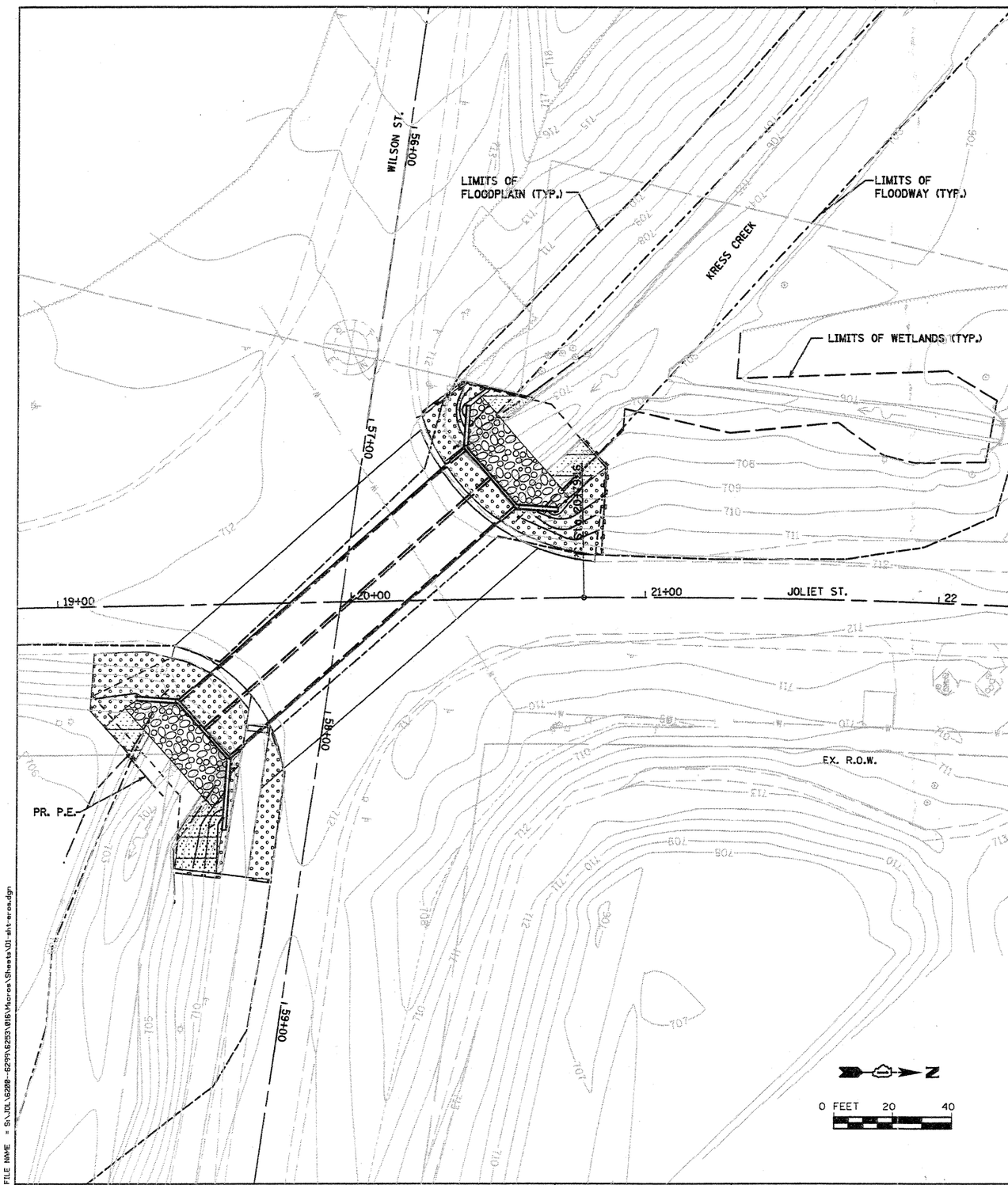

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES:

1. PLACEMENT OF PERIMETER EROSION BARRIER PRIOR TO THE COMMENCEMENT OF ANY CULVERT WORK,
2. MAINTAIN POSITIVE FLOW OF KRESS CREEK DURING REMOVAL AND PLACEMENT OF NEW BOX CULVERT,
3. REMOVAL OF THE EXISTING STRUCTURE
4. CONSTRUCTION OF THE REPLACEMENT, PLACEMENT, MAINTENCE, REMOVAL AND PROPER CLEAN-UP OF TEMPORARY EROSION CONTROL,
5. PLACEMENT OF PERMANENT EROSION CONTROLS, SUCH AS RIPRAP, SEEDING, EROSION CONTROL BLANKET, ETC.,
6. FINAL GRADING, PAVING AND OTHER MISCELLANEOUS ITEMS

SEQUENCE OF CONSTRUCTION FOR PLACEMENT OF THE CULVERT:

1. DURING WORK IN CREEK, WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
2. CONCENTRATED FLOW MUST BE ISOLATED FROM THE WORK AREA USING A NON-ERODIBLE COFFERDAM (STEEL SHEETS, AQUA BARRIERS, ETC.). EXACT MEANS AND METHODS SHOULD BE DISCUSSED DURING A SCHEDULED PRE-CONSTRUCTION MEETING.
3. IF BYPASS IS NECSSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOING THE CREEK FLOW.
4. IF DEWATERING THE CONSTRUCTION AREA IS NECESSARY, PLEASE BE SURE TO FILTER ALL WATER BY USING FILTER BAGS OR AN ALTERNATIVE MEASURE. WATER MUST HAVE SEDIMENT REMOVED BEFORE BEING ALLOWED TO RETURN TO THE ORIGINAL CREEK.
5. THE SIDE SLOPES MUST BE RESEEDED AND STABILIZED WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE SWALE MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.

LEGEND:

- STONE RIPRAP, CLASS A4
- SEEDING, CLASS 1A AND MULCH, METHOD 2
- SEEDING, CLASS 4A AND EROSION CONTROL BLANKET
- PERIMETER EROSION BARRIER

SEDIMENT AND EROSION CONTROL 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. SEDMENT CONTROL MEASURES SHALL BE REPAIRED, REPLACED, AND MAINTAINED AFTER A SINGULAR OR CUMULATIVE RAINFALL EVENT(S) OF 0.5 INCHES OR MORE OVER A 24-HOUR PERIOD
4. INSPECTION AND MAINTENANCE RECORDS FOR THE EROSION AND SEDIMENT CONTROL MEASURES ARE REQUIRED TO BE KEPT ON-SITE BY THE CONTRACTOR.
5. ADDITONAL EROSION CONTROL PROVISIONS TO THOSE SHOWN ON THE PLANS MAY BE REQUIRED BY THE DUPAGE COUNTY ENFORCEMENT OFFICER AS WARRANTED BY SITE CONDITIONS.
6. SEEDING, CLASS 4A AND EROSION CONTROL BLANKET SHALL BE USED ALONG THE BANKS OF THE CREEK.
7. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DIVERT THE STREAM FLOW DURING CONSTRUCTION IN ORDER TO KEEP THE CONSTRUCTION AREA FREE OF WATER. THE METHOD OF WATER DIVERSION SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND DUPAGE COUNTY DIVISION OF ENVIRONMENTAL CONCERNS AND COST SHALL BE INCLUDED WITH "CONCRETE BOX CULVERTS".
8. ALL ADJACENT STREETS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.
9. NO WORK SHALL BE PERFORMED IN FLOWING WATER. WORK IN AND NEAR THE CRITICAL AREAS SHOULD BE ISOLATED FROM CONCENTRATED FLOWS OR STREAM FLOW. ONCE WORK IN THIS AREA BEGINS, PRIORITY SHALL BE GIVEN TO THE COMPLETION OF THE WORK AND FINAL STABILIZATION OF ALL DISTURBED AREAS.
10. NO STORMWATER MAY BE CONVEYED THROUGH THE CREEK DURING THE INSTALLATION OF THE CULVERT, REMOVAL OF THE CULVERT, OR THE RESTORATION OF THE CULVERT UNTIL THE SIDE SLOPES HAVE BEEN RESTORED AND STABILIZED.
11. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPEIFICATIONS IN THE ILLINOIS URBAN MANUAL REVISED FEBRUARY 2002.
12. THE KANE-DUPAGE SOIL AND WATER CONSERVATION DISTRICT (KDSWCD) MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTRUBUTING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
13. A COPY OF THE APPROVED EROSION AND SEDIMANT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
14. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED TO THE OWNER FOR REVIEW BY THE KDSWCD.
15. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE KDSWCD.
16. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO SEDIMENT BASINS OR SILT TRAPS. DEWATERING DIRECTLY INTO FIELD TILES OR STORMWATER STRUCTURES IS PROHIBITED.
17. IT IS THE RESPONSIBILITY OF THE LANDOWNER AND/OR GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS AND THE NATIONAL POLLUNANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS SET FORTH BY THE ILLINOIS EPA.
18. ALL STOCKPILE LOCATIONS SHALL BE PLACED IN AREAS OUTSIDE OF THE FLOODPLAIN AT A LOCATION APPROVED BY THE ENGINEER. ALL STOCKPILE LOCATIONS SHALL BE SURROUNDED BY SILT FENCE.

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STRAND ASSOCIATES, INC. ENGINEERS
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = vanessaf	DESIGNED - -	REVISED -	
	DRAWN - -	REVISED -	
PLOT SCALE = 40.0000 ' / IN.	CHECKED - -	REVISED -	
PLOT DATE = 8/3/2011	DATE - -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEET

SCALE: AS SHOWN | SHEET NO. OF SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2534	02-00068-00-BR	DUPAGE	15	7
		CONTRACT NO. 63561		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT