

1E =	USER NAME = akw	DESIGNED - AES	REVISED -	STATE OF ILLINOIS				O.R. RTE,	SECTION	COUNTY	TOTAL	SHEET NO.	
72-sht-Towne Park-06.dgn		DRAWN - AES	REVISED -		CRYSTAL CREEK RELOCATION PLANS				0003	18A-2	MCHENRY	825	403
	PLOT SCALE = 2.0000 '/ in.	CHECKED - AES	REVISED -	DEPARTMENT OF TRANSPORTATION							CONTRAC	T NO. 6	OF72
	PLOT DATE = 5/2/2012	DATE - 5/3/2012	REVISED -	SCAL		SHEET NO. 4 OF 10 SHEETS	STA.	TO STA.	FED. ROAD DIS	. NO. 1 ILLINOIS FED.	AID PROJECT		

20. IF DEWATENING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION, DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEGMENT CONTROL MEASURE (E.G. SEDMENT TRA SEDMENT BASN, FLITER BAG, OR OTHER APPROVANCE MEASURE.

22. ALL DISTURBED AREAS AND WORK AREAS MUST BE ISOLATED FROM CREEK FLOWS AT ALL TIMES. THE DMERSION / ISOLATION OF THE OREEK FLOWS MUST BE CONSTRUCTED FROM MON-ERODBLE MATERIALS. THE U.S. ARMY CORP OF ENGINEERS MUST BE INAGREEMENT WITH OVERALL METHOD OF DIVERSION / ISOLATION PRIOR TO THE COMMENCEMEN OF CONSTRUCTION.

23. DURING WORK ON THE BANKS, SWALE/RIVER/STREAM/WETLAND WORK MUST BE TIMED TO TAKE PLACE DURING LOW OR NON-FLOW CONDITIONS

24. CONCENTRATED FLOW MUST BE ISOLATED FROM THE WORK AREA USING A NON-ERODIBLE COFFERDAM. EXACT MEANS AND METHODS SHOULD BE DISCUSSED DURING A SCHEDULED PRE-CONSTRUCTION MEETING.

25. IF BYPASS IN NECESSARY, THE INLET OF THE HOSE SHALL BE PLACED IN A SUMP PIT AND THE OUTLET FILTER BAG TO BE PLACED ON A FLAT, NON-ERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW OR WETLAM

26. IF DEWATERING THE CONSTRUCTION AREAS IS NECESSARY, THE CONTRACTOR SHALL FLTER ALL WATER BY USING PUMP PIT, FLTER BAGS, AN INUME FLTER OR APPROVED ALTERWATE MASURE. WATER MUST HAVE SEDMENT REMOVED BEFORE BEING ALLOWED TO DISCHARED TO THE CREASTREAMMETANONVER.

CRITICAL SIDE SLOPES MUST BE RESEEDED AND STABILIZED WITH APPROPRIATE EROSION CONTROL BLANKET PRIOR TO BEING EXPOSED TO STREAM FLOW.

PRIOR TO COMMENCING CLEARING OR GRADING OPERATION

1. INSTALL CONSTRUCTION FENCE AROUND TREE PRESERVATION AREAS AND CONSTRUCTION BOUNDARIES.

2. INSTALL SILT FENCE ALONG THE TOE OF CHANNEL BANK SLOPES, PROPOSED TEMPORARY STOCKPILE AREAS, AND BRIDGE ABUTMENTS DESIGNATED FOR REMOVAL.

CONVEYANCE MAINTAINED IN EXISTING CRYSTAL CREEK CHANNEL. THE UPSTREAM AND DOWNSTREAM CONVEYANCE AREAS WILL BE RESTRICTED TO THE LEFT-HAND (LOOKING UPSTREAM) CHANNEL HALF USING A COFFERDAM.

REMOVE EXISTING PEDESTRIAN BRIDGE AND ITS NORTH BRIDGE ABUTMENT. CONSTRUCT ABUTMENTS FOR RELOCATED EAST BRIDGE.

B. CONSTRUCT AND STABILIZE THE ENTIRE CHANNEL LOCATED OUTSIDE OF THE EXISTING CHANNEL LIMITS. EXCAVATE COBBLE AND GRAVEL FROM EXISTING POINT BARS TO PROVIDE THE CHANNEL BED MATERIALS.

C. CONSTRUCT AND STABILIZE THE RIGHT-HAND (LOOKING UPSTREAM) SECTION OF THE CHANNEL AT THE UPSTREAM END O THE PROJECT.

D. STOCKPILE EXCAVATED MATERIAL BETWEEN THE EXISTING CHANNEL AND THE NEWLY CONSTRUCTED CHANNEL

A. STRIP AND STOCKPILE TOPSOIL.

B. MAINTAIN SILT FENCE AROUND ALL STOCKPILE AREAS. EXISTING WETLAND AREAS.

MAINTAIN DEWATERING TO PREVENT STREAM WATER FROM ENTERING THE CONSTRUCTION AREA D. MAINTAIN A PUMPING PIT AND FILTER BAG TO RECEIVE ALL WATER PUMPED FROM CONSTRUCTION AREA (NO CONSTRUCTION AREA DRAINAGE SHALL BE DISCHARGED DIRECTLY TO CRYSTAL CREEK).

CONVEYANCE MAINTAINED IN RELOCATED CRYSTAL CREEK CHAINEL AND THE RIGHT-HAND (LOOKING UPSTREAM) SECTION OF THE EXISTING CHANNEL AT THE DOWINSTREAM AREA OF THE PROJECT. THE UPSTREAM AREA WILLE RESTRICTED TO THE RISHT-HAND, LOOKING UPSTREAM, RELOCATED CHAINEL HAFL ENGING A COFFERDAM.

A. REMOVE SOUTH ABUTMENT OF EXISTING BRIDGE.

B. CONSTRUCT AND STABILIZE THE LEFT-HAND (LOOKING UPSTREAM) SECTION OF THE CHANNEL AT THE UPSTREAM END OF THE PROJECT.

C. CONSTRUCT AND STABILIZE THE LEFT HALF (LOOKING UPSTREAM) OF THE DOWNSTREAM CHANNEL.

D. FILL THE EXISTING CHANNEL WITH THE TEMPORARY STOCKPILE MATERIAL.

A. MAINTAIN SILT FENCE AROUND ALL STOCKPILE AREAS, EXISTING WETLAND AREAS.

B. MAINTAIN DEWATERING TO PREVENT STREAM WATER FROM ENTERING THE CONSTRUCTION AREA

MAINTAIN A PUMPING PIT AND FILTER BAG TO RECEIVE ALL WATER PUMPED FROM CONSTRUCTION AREA (NO CONSTRUCTION AREA DRAINAGE SHALL BE DISCHARGED DIRECTLY TO CRYSTAL CREEK).

