

LOWER DIVIDER ISLAND

- 5 FT. WIDE CONCRETE PATH TO PROVIDE ACCESS.
- OVERFLOWS CAN SPILL EITHER WAY, PATHS ON BOTH SIDES OF BYPASS WILL BE INUNDATED BY FLOODS.
- USE RIPRAP SPECIAL ON EXPOSED SURFACES.

PROTECT YORKVILLE WATERLINE AND COORD. W/ PHASE 1 IMPROVEMENTS

- COMPLETE FLOW AUGMENTATION SYSTEM. CONDUIT CONSTRUCTED IN PH. 1.
- PHASE 2 CONSTRUCTS HEADWALL WITH SLIDE GATE.
- GROUTED BOULDER AND RIPRAP PROTECTION OF WATERLINE AT SILL 4.

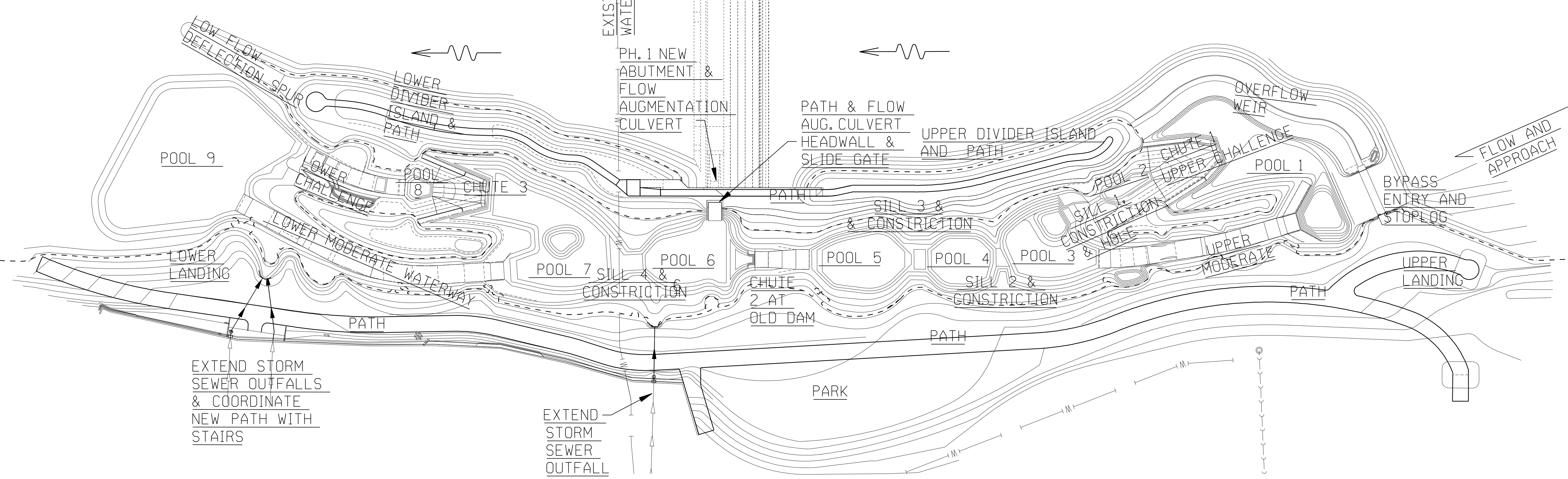
UPPER DIVIDER ISLAND

- ACCESS FOR PARK USERS, SPECTATORS, MAINTENANCE AND RESCUE. 5 FT. WIDE CONCRETE PATH
- FOR RIVER FLOWS OVER 5,000 CFS WATER WILL SPILL OVER ISLAND TO BYPASS. PATHS ON BOTH SIDES OF BYPASS WILL BE INUNDATED DURING FLOODS.
- ROLLER COMPACTED CONCRETE (RCC) CORE, FILL AND ROCK SURFACE PROTECTION
- EXPOSED ROCK SURFACES TO USE RIPRAP SPECIAL. ON BYPASS SIDE LARGER PIECES OF STONE WILL BE PLACED AS CLUSTERS AND STEPS FOR BANK ACCESS AND VIEWING.

WHITEWATER BOATING AND BYPASS ENTRANCE

- BOUYIS, SIGNS, AND LOWER WATER SURFACE PROFILE DIRECT WHITEWATER BOATERS TO BYPASS ENTRANCE.
- BOATING ENTRANCE IS A SILL WITH MOVABLE CONCRETE BLOCKS. SEVERAL TYPES OF BLOCKS WILL BE PROVIDED TO ADJUST FLOW. EXACT SETTINGS TO BE DETERMINED DURING CONSTRUCTION TUNING.
- ENTRY OVERFLOW WEIR MAXIMIZES FLOW TO BYPASS AFTER FLOW AUGMENTATION CULVERT AND MIN. DAM OVERFLOW SATISFIED.

Fox River



LOWER LANDING AND POOL 9

- ACCESS FOR BOATING
- POOL 9 AND TRANSITION TO DOWNSTREAM WATERWAYS
- EDDY TURNS FROM BYPASS

LOWER DUAL WATERWAYS

- MODERATE WATERWAY FOR EASIER BOATING
- CHALLENGE WATERWAY MORE DIFFICULT. CHUTE AND FAST WATERWAY WITH EDDIES AND WAVES.
- ADJUSTABLE ENTRANCE TO MODERATE WATERWAY ALLOWS FLOW SPLIT AND UPSTREAM POOL LEVEL TUNING
- TWO STORM OUTFALLS.
- 12 FT. WIDE CONCRETE PATH ALLOWS EMERGENCY VEHICLE ACCESS

MIDDLE OF BYPASS AND PARK

- CHUTE 2 CONSTRUCTED IN NOTCH THROUGH EXISTING DAM.
- 4 POOLS AND 2 CONSTRICTION/SILLS WHICH ARE ADJUSTABLE FOR WATER LEVEL AND PERFORMANCE TUNING.
- STORM SEWER OUTFALL
- PARK GRADING AND 12 FT. WIDE CONCRETE PATH ALLOWS EMERGENCY VEHICLE ACCESS
- PROTECT EXISTING 24-IN DIP WATERLINE RIVER CROSSING

UPPER DUAL WATERWAYS

- MODERATE WATERWAY FOR EASIER BOATING
- CHALLENGE WATERWAY MORE DIFFICULT. INCLUDES CHUTE AND HOLE.
- ADJUSTABLE ENTRANCE TO MODERATE WATERWAY ALLOWS FLOW TO SPLIT AND UPSTREAM POOL LEVEL TUNING
- PARK REGRADING AND 12 FT. WIDE CONCRETE PATH ALLOWS EMERGENCY VEHICLE ACCESS

UPPER LANDING AND PRIMARY MAINTENANCE ACCESS

- ACCESS FOR BOATING, HEAVY MAINTENANCE, AND ADJUSTMENTS.
- BOUYIS AND SIGNAGE HERE AND UPSTREAM
- LANDING FOR TAKEOUT FOR UPSTREAM PADDLE BOATERS.
- TEMPORARY CONSTRUCTION COFFERS PLACED THROUGH UPSTREAM OF ENTRY STOPLOG AND OVERFLOW WEIR

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