

Madison, Wisconsin

CITY OF MADISON

CITY ENGINEERING DIVISION

DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

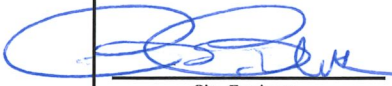
STREET END REPAIRS

PUBLIC IMPROVEMENT PROJECT APPROVED


OCTOBER 01, 2019

BY THE COMMON COUNCIL
OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN
APPROVED BY:

 11/15/19
City Engineer Date

SHORELINE
DESIGNED BY:



11-14-19

INDEX OF SHEETS

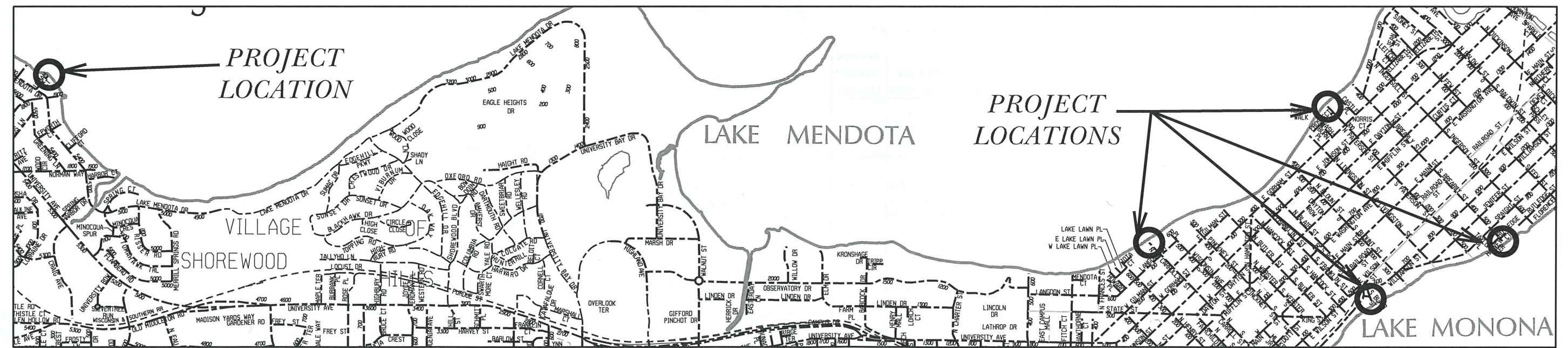
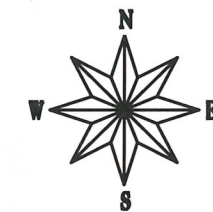
SHEET NO.	TITLE
SHEET NO. 1	REPAIR LOCATIONS 1-4
SHEET NO. 2	REPAIR LOCATIONS 5
SHEET NO. 3	QUANTITIES
SHEET NO. 4	

CONVENTIONAL SIGNS

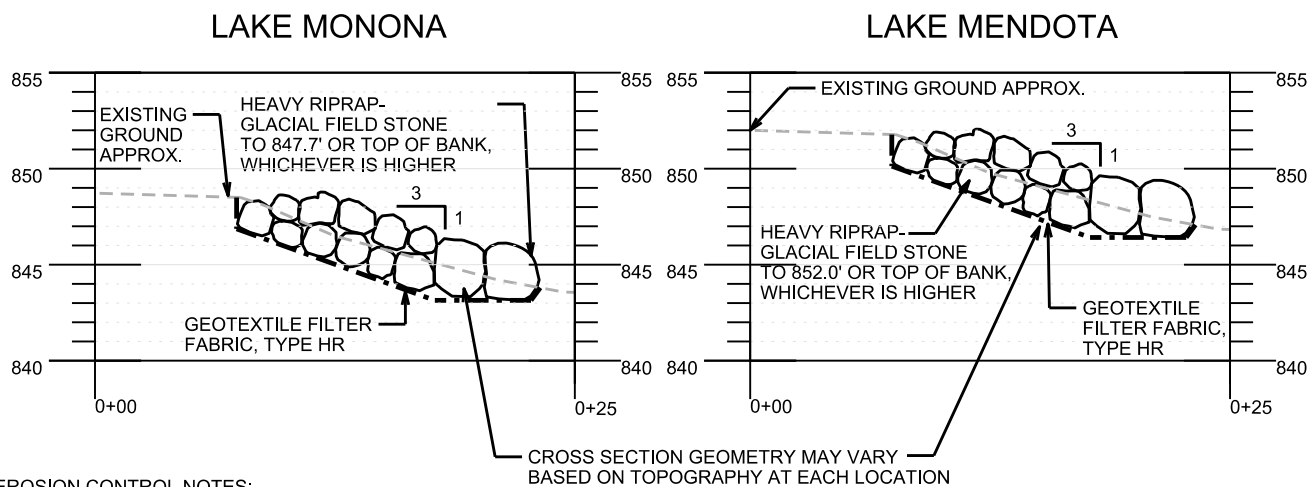
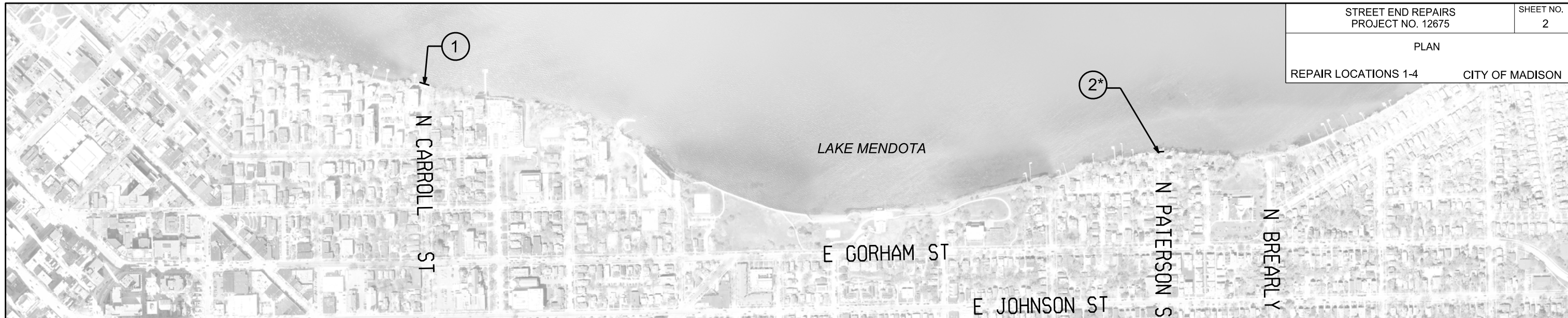
FIELD VERIFY ALL UTILITY LOCATIONS

GAS		G
STORM SEWER		ST
SANITARY SEWER		SAN
WATER		W
OVERHEAD ELECTRIC		OH
POWER POLE		□

CITY PROJECT NO. 12675
CONTRACT NO. 8521



PLOT SCALE: _____
PLOT NAME: _____
REV. DATE: _____
ORIGINATOR: CITY OF MADISON, STREETS DIVISION



EROSION CONTROL NOTES:

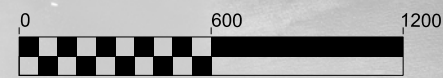
- 1) TURBIDITY BARRIER WILL BE PLACED AROUND EACH SECTION OF RIPRAP REPAIR. TURBIDITY BARRIER WILL BE PLACED PRIOR TO ANY SHORELINE DISTURBANCE. TURBIDITY BARRIER IN GOOD CONDITION MAY BE REUSED AT MULTIPLE LOCATIONS.
- 2) ALL DISTURBED AREAS SHALL BE RESTORED WITH 4 INCHES OF TOPSOIL, SHADY INFILTRATION SEED MIX, AND EROSION MATTING, UNLESS OTHERWISE NOTED.
- 3) SILT FENCE OR SILT SOCK SHALL BE INSTALLED AS DIRECTED BY THE CONSTRUCTION ENGINEER.
- 4) SILT FENCE SHALL BE PLACED AROUND OF ALL STOCKPILE AREAS.
- 5) THE PROJECT SITE SHALL BE INSPECTED WEEKLY, AND WITHIN 24 HOURS OF A RAINFALL EVENT GREATER THAN 0.5".
- 6) ALL EQUIPMENT ON SITE SHALL BE DECONTAMINATED FOR INVASIVE SPECIES AND VIRUSES.

CONSTRUCTION NOTES:

- 1) THE EXISTING GLACIAL FIELD STONE WILL BE REMOVED. REUSABLE STONE WILL BE SALVAGED AND STOCKPILED.
- 2) MINOR BANK REGRADING OR FILLING MAY BE NECESSARY WHERE EROSION HAS UNDERCUT THE TOP OF BANK.
- 3) GEOTEXTILE FILTER FABRIC, TYPE HR WILL BE PLACED ON THE REGRADED BANK.
- 4) THE SALVAGED STONE WILL BE REPLACED AND AUGMENTED WITH ADDITIONAL GLACIAL FIELD STONE AS NECESSARY.

REPAIR LOCATION	LOCATION DESCRIPTION	APPROX REPAIR LENGTH
1	NORTH CARROLL ST & LAKE MENDOTA	64'
2*	NORTH PATERSON ST & LAKE MENDOTA	6'
3	SOUTH BREARLY ST & LAKE MONONA	66'
4	SOUTH BLAIR ST & LAKE MONONA	25'

2*- N. PATERSON SHORELINE REPAIR SHALL NOT INCLUDE RIPRAP. A 6'X6'X0.5' ERODED HOLE BEHIND A RETAINING WALL SHALL BE FILLED WITH TOPSOIL AND RESTORED WITH EROSION MATTING, CLASS I, URBAN TYPE B AND SHADY INFILTRATION SEED MIX



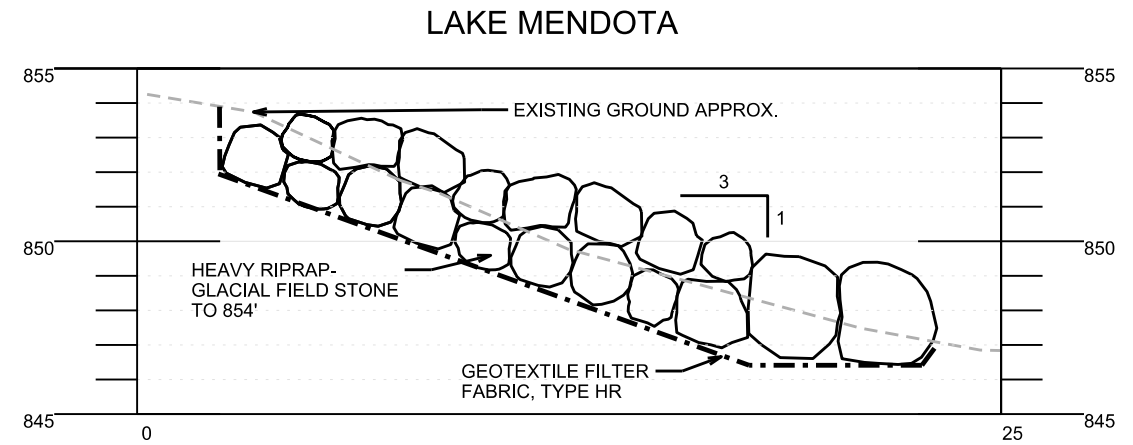
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REPAIR LOCATION	LOCATION DESCRIPTION	APPROX REPAIR LENGTH
5	UPHAM COURT & LAKE MENDOTA	33'

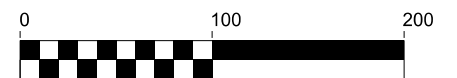
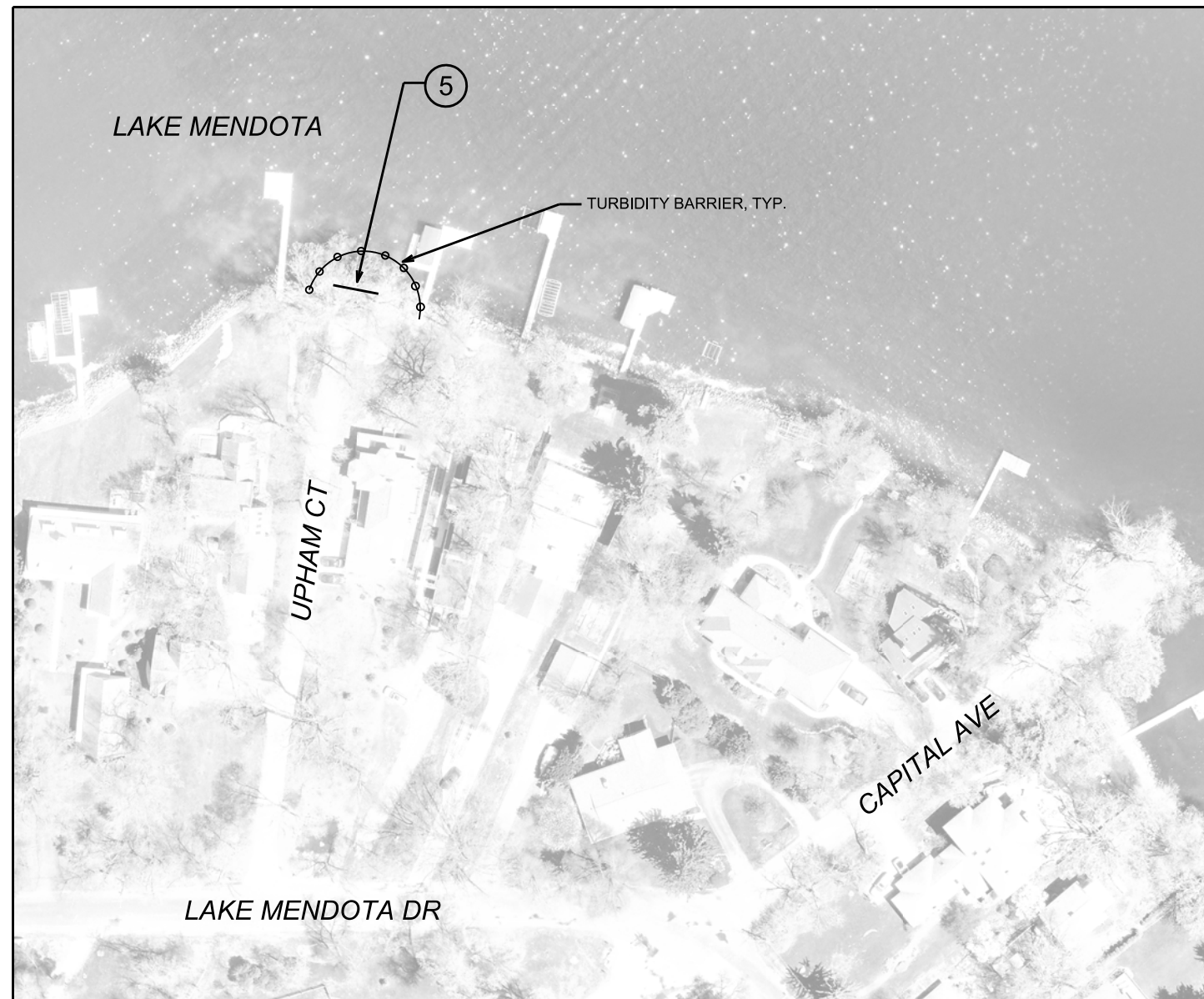


EROSION CONTROL NOTES:

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- 4) SILT FENCE SHALL BE PLACED AROUND ALL STOCKPILE AREAS.
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- 3) GEOTEXTILE FILTER FABRIC, TYPE HR WILL BE PLACED ON THE REGRADED BANK.
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ITEM	TYPE OF WORK	ESTIMATED QUANTITIES	
North Carroll			
10911	MOBILIZATION	1.00	LUMP SUM
20217	CLEAR STONE	13.00	TON
20221	TOPSOIL	71.00	S.Y.
20230	HEAVY RIPRAP	120.00	TON
20233	RIPRAP FILTER FABRIC, TYPE HR	140.00	S.Y.
21002	EROSION CONTROL INSPECTION	1.00	EACH
21011	CONSTRUCTION ENTRANCE	1.00	EACH
21013	STREET SWEEPING	1.00	LUMP SUM
21021	SILT FENCE - COMPLETE (UNDISTRIBUTED)	30.00	L.F.
21062	EROSION MATTING, CLASS I, URBAN TYPE B	71.00	S.Y.
21093	TURBIDITY BARRIER-COMPLETE	95.00	L.F.
90030	SHADY INFILTRATION SEEDING	71.00	S.Y.
North Patterson			
10911	MOBILIZATION	1.00	LUMP SUM
20221	TOPSOIL	4.00	S.Y.
21002	EROSION CONTROL INSPECTION	1.00	EACH
21011	CONSTRUCTION ENTRANCE	1.00	EACH
21013	STREET SWEEPING	1.00	LUMP SUM
21062	EROSION MATTING, CLASS I, URBAN TYPE B	4.00	S.Y.
21017	SILT SOCK (8 INCH) - COMPLETE	15.00	L.F.
90030	SHADY INFILTRATION SEEDING	4.00	S.Y.
South Brearly			
10911	MOBILIZATION	1.00	LUMP SUM
20205	SELECT FILL (UNDISTRIBUTED)	12.00	C.Y.
20230	HEAVY RIPRAP	120.00	TON
20233	RIPRAP FILTER FABRIC, TYPE HR	140.00	S.Y.
20221	TOPSOIL	73.00	S.Y.
21002	EROSION CONTROL INSPECTION	1.00	EACH
21011	CONSTRUCTION ENTRANCE	1.00	EACH
21013	STREET SWEEPING	1.00	LUMP SUM
21062	EROSION MATTING, CLASS I, URBAN TYPE B	73.00	S.Y.
21093	TURBIDITY BARRIER-COMPLETE	90.00	L.F.
90030	SHADY INFILTRATION SEEDING	73.00	S.Y.
South Blair			
10911	MOBILIZATION	1.00	LUMP SUM
20205	SELECT FILL (UNDISTRIBUTED)	12.00	C.Y.
20221	TOPSOIL	30.00	S.Y.
20230	HEAVY RIPRAP	46.00	TON
20233	RIPRAP FILTER FABRIC, TYPE HR	52.00	S.Y.
21002	EROSION CONTROL INSPECTION	1.00	EACH
21011	CONSTRUCTION ENTRANCE	1.00	EACH
21013	STREET SWEEPING	1.00	LUMP SUM
21062	EROSION MATTING, CLASS I, URBAN TYPE B	30.00	S.Y.
21093	TURBIDITY BARRIER-COMPLETE	40.00	L.F.
90030	SHADY INFILTRATION SEEDING	30.00	S.Y.
Upham Ct			
10911	MOBILIZATION	1.00	LUMP SUM
20221	TOPSOIL	40.00	S.Y.
20230	HEAVY RIPRAP	60.00	TON
20233	RIPRAP FILTER FABRIC, TYPE HR	88.00	S.Y.
21002	EROSION CONTROL INSPECTION	1.00	EACH
21013	STREET SWEEPING	1.00	LUMP SUM
21062	EROSION MATTING, CLASS I, URBAN TYPE B	40.00	S.Y.
21093	TURBIDITY BARRIER-COMPLETE	50.00	L.F.
90030	SHADY INFILTRATION SEEDING	40.00	S.Y.

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