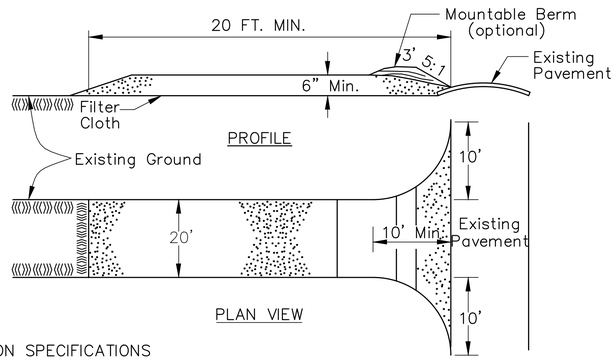
STABILIZED CONSTRUCTION ENTRANCE



CONSTRUCTION SPECIFICATIONS

1. Stone Size – Use 2 inch stone, or reclaimed or recycled concrete equivalent.
2. Length – As required.
3. Thickness – Not less than six (6) inches.
4. Width – Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth – will be placed over the entire area prior to placing of stone.
6. Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right–of–way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights–of–way must be removed immediately.
8. Washing – Wheels shall be cleaned to remove sediment prior to entrance onto public right–of–ways. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

Construction Sequence

1. Install required sediment fence and inlet protection on existing inlets as shown on Phase 1 Plan.
2. Install utilities and storm sewers. Provide inlet protection.
3. Construct proposed street and utilities.
4. Stabilize the disturbed areas per temporary and permanent seeding requirements.
5. Remove storm sewer inlet protection.

Note A: The Contractor shall be responsible for maintaining on–site drainage at all times during construction. No separate payment shall be made for maintaining drainage.

EROSION AND SEDIMENT CONTROL QUANTITIES

ITEM	TOTAL QUANTITY				UNIT	
	27	28	29	TOTAL		
207	-	225	3350	3575	LIN. FT.	PERIMETER FILTER FABRIC FENCE
207	-	1	-	8	EACH	CURB INLET PROTECTION
207	3	23	-	76	EACH	CATCH BASIN PROTECTION
207	-	15	4	36	EACH	FILTER FABRIC CATCH BASIN PROTECTION
207	7	2	2	11	EACH	ROCK CHECK DAM
207	-	-	1	1	EACH	STABILIZED CONSTRUCTION ENTRANCE
207	-	-	1	1	EACH	CONCRETE WASHOUT AREA

NOTE TO CONSULTANTS:

INCLUDE ALL ESC/SWP3 PAY ITEMS TO THE QUANTITY TABLE, SUCH AS, BUT NOT LIMITED TO, SITE STABILIZATION (SEED, SOD, GEOTEXTILES, STRAW, OR COMPOST BLANKETS, STRAW WATTLES, COMPOST FILTER SOCKS); TEMPORARY SEDIMENT RISERS AND SKIMMERS

LEGEND

- Catch Basin Protection
- Curb Inlet Protection
- Filter Fabric Fence
- Structure Number
- Perimeter Filter Fabric Fence
- Stabilized Construction Entrance
- Concrete Washout

This SWP3 plan must be posted on–site. A copy of the SWP3 plan and the approved OEPA storm water permit (with site specific NOI number) must be kept on–site at all times.

Direct discharge of sediment laden water to the city's sewer system or a receiving stream is a violation of Ohio EPA and City of Columbus regulations; the contractor will be held liable for the violation and subsequent fines.

PAVEMENT CUTTING, SAWING AND EXCAVATION OPERATIONS NOTE:
Persuant to Phase II regulations of the NPDES amendment to the Clean Water Act of the United States of America, all public agencies and private contractors performing pavement–cutting operations on City of Columbus streets and roadways shall protect our environment from the dimunitive discharges created by their pavement cutting operations.

This requirement includes but is not limited to wet or dry saw–cutting, jack hammering, excavation equipment use, etc. The public agency and/or private contractor work crews shall recover and dispose of particles, polluted waters, or other such small discharges resulting from their pavement cutting operations and protect all storm sewer inlets from receiving runoff of said diminutive discharges. The agency or contractor responsible for each pavement cutting activity shall be solely liable for Notice of Violations (NOV/s) and fines issued by city of Columbus and/or State of Ohio authorities.

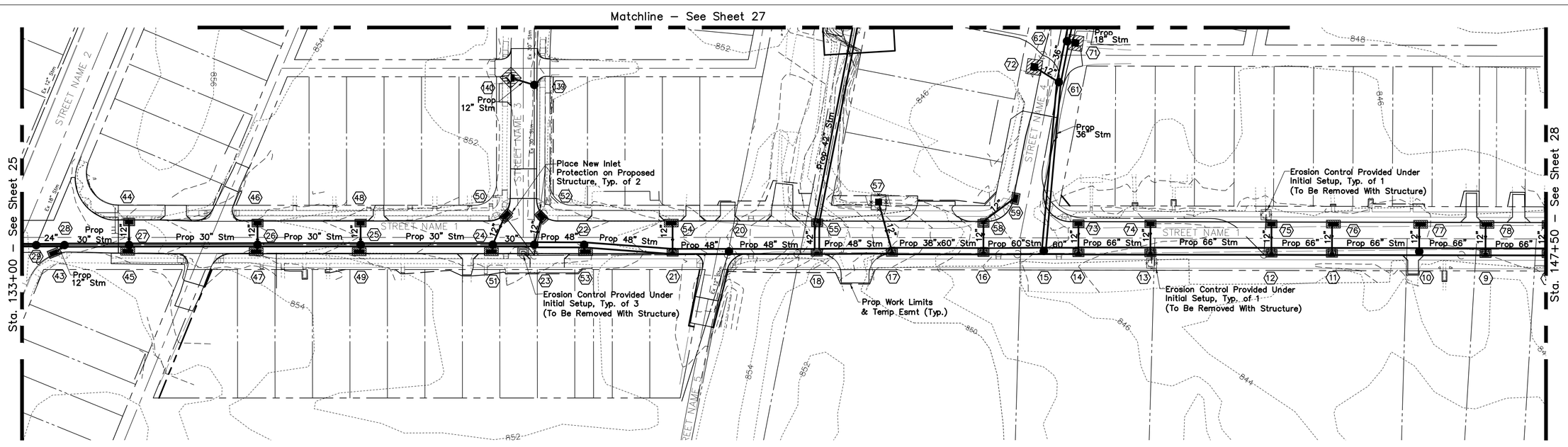
Equipment, materials and methods shall be provided by the responsible public agency and/or private contractor to work crews performing the pavement cutting activity and made available to work crews for use in cleaning up the small discharges resulting from such cutting activities and preventing runoff. Additionally, work crews shall be trained to exercise and employ equipment, materials, and environmental protective measures, to prevent discharges from entering the City of Columbus storm sewer systems and watercourses. All pay and work items with pavement cutting, sawing, or excavation shall abide by this note.

Moreover, if project plans, notes and /or drawings include a Stormwater Pollution Prevention Plan (SWP3) or a spill prevention/remediation plan; such plans shall be adhered to in addition to this note for all pavement cutting, sawing, or excavation operations on City of Columbus streets and roadways.

Suggested inlet protection is provided in the project documents under typical inlet protection dwg.1. The engineer shall approve alternative methods of inlet protection.

NOTE TO CONSULTANTS:

IF SWP3 OR SPILL PREVENTION/REMEDIATION PLANS ARE INCLUDED IN CONTRACT DOCUMENTS, THEY SHOULD BE CITED IN THE PARAGRAPH ABOVE BY VOLUME, PAGE OR SHEET NUMBERS; SO DIRECTING THE READER TO SUCH PLAN.



HORIZ. SCALE 50 0 25 50

CALCULATED

CHECKED

STORM WATER POLLUTION PREVENTION PLAN

PROJECT NAME

REVISED 7/2/14

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