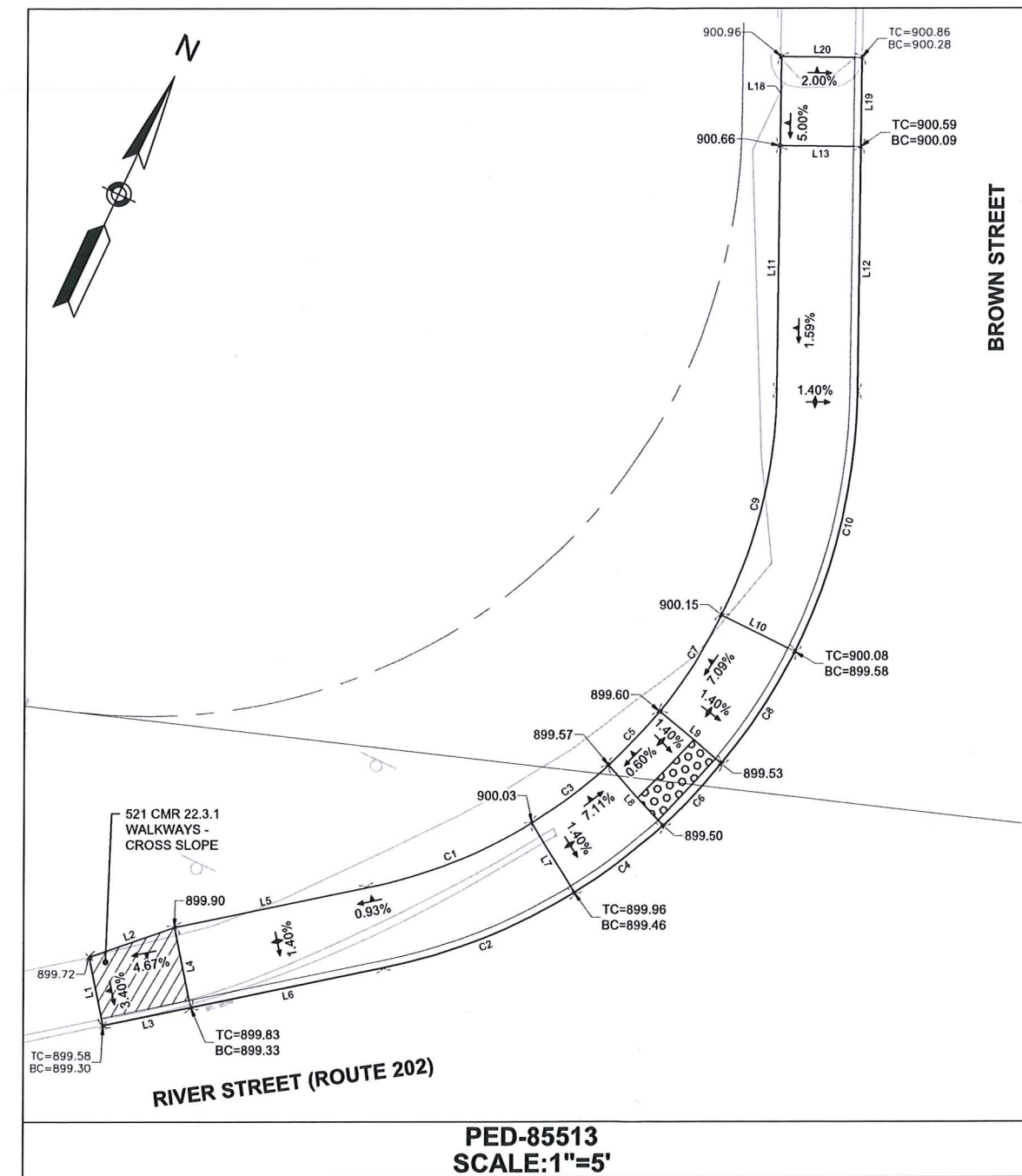
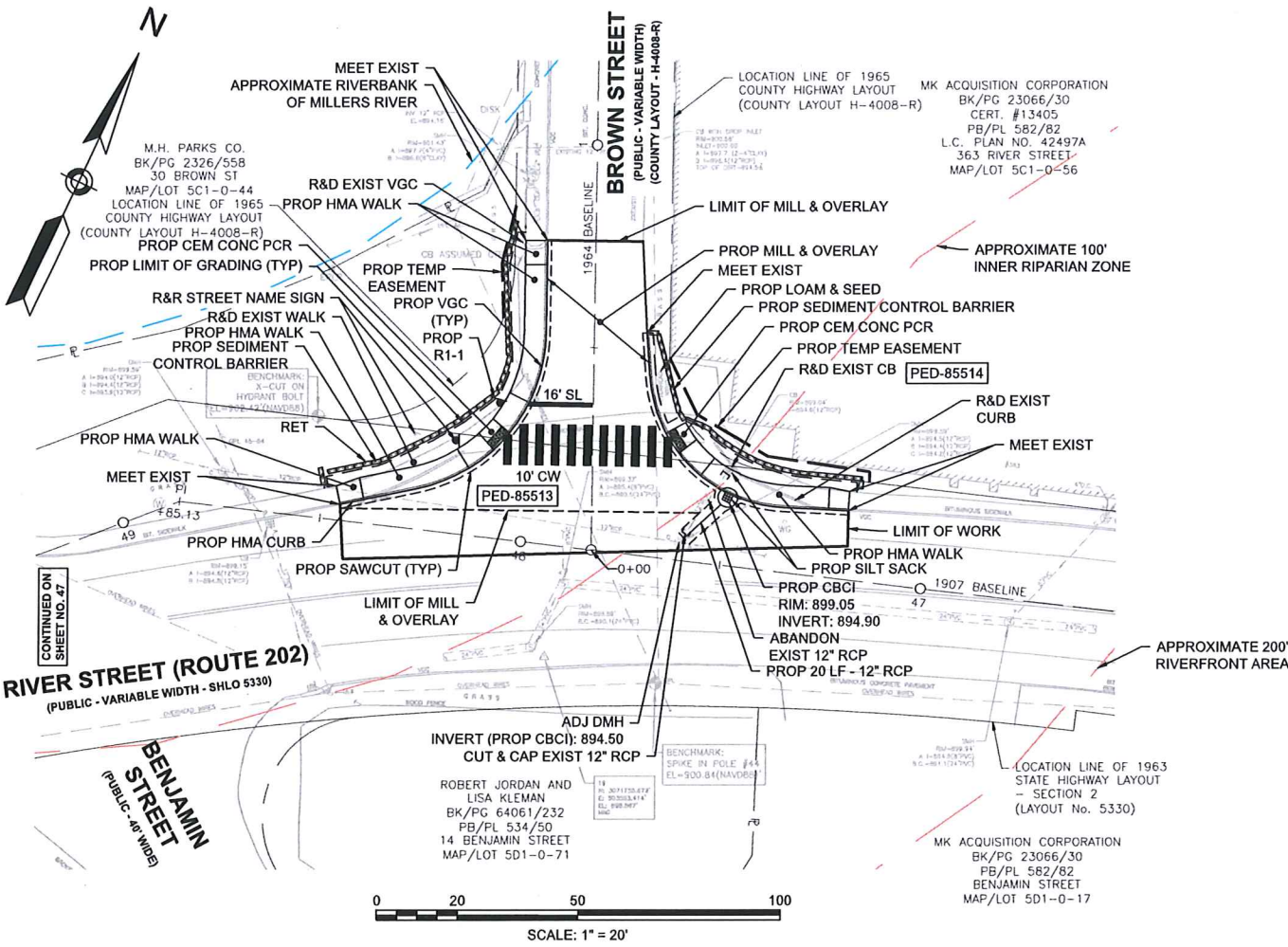


STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA		1	3
PROJECT FILE NO.		609469	



PEDESTRIAN CURB RAMP ON NARROW SIDEWALK WITH DETECTABLE WARNING PANEL (E107.2.1)

PED #	ROADWAY ELEV. AT RAMP E	RAMP REFERENCE POINT			LENGTH OF PRIMARY RAMP	WIDTH OF SIDEWALK	WIDTH OF RAMP ENTRANCE	DEPTH OF LEVEL LANDING	TRANSITION		GUTTER SLOPE
		STREET	STATION	OFFSET					LEFT SIDE	RIGHT SIDE	
PED-85513	899.69	ROUTE 202	48+08	23.92' RT	-	5.0'	5.8'	5.5'	6.5'	7.8'	0.60%

PARCEL TABLE

LINE #/CURVE #	LENGTH	DIRECTION/DELTA	RADIUS	TANGENT	NORTHING	EASTING
C1	12.00	19°55'44"	34.50	6.06	3071784.26 3071792.92	503543.66 503551.88
C2	13.88	19°52'40"	40.00	7.01	3071779.86 3071789.88	503546.96 503556.47
C3	6.47	10°44'35"	34.50	3.24	3071792.92 3071798.61	503551.88 503554.93
C4	7.50	10°44'35"	40.00	3.76	3071789.88 3071796.48	503556.47 503560.00
C5	5.00	8°18'40"	34.50	2.51	3071798.61 3071803.35	503554.93 503556.53
C6	5.80	8°18'40"	40.00	2.91	3071796.48 3071801.97	503560.00 503561.86
C7	7.76	12°53'29"	34.50	3.90	3071803.35 3071811.02	503556.53 503557.62
C8	9.00	12°53'29"	40.00	4.52	3071801.97 3071810.86	503561.86 503563.11
C9	15.68	26°02'25"	34.50	7.98	3071811.02 3071826.25	503557.62 503554.54
C10	18.18	26°02'25"	40.00	9.25	3071810.86 3071828.53	503563.11 503559.55
L1	4.71	N36°34'32"W			3071768.37 3071772.15	503531.49 503528.68
L2	6.05	N45°54'23"E			3071772.15 3071776.37	503528.68 503533.03
L3	6.00	S53°25'28"W			3071771.95 3071768.37	503536.31 503531.49

PARCEL TABLE

LINE #/CURVE #	LENGTH	DIRECTION/DELTA	RADIUS	TANGENT	NORTHING	EASTING
L4	5.50	S36°34'32"E			3071776.37 3071771.95	503533.03 503536.31
L5	13.27	S53°25'28"W			3071784.28 3071776.37	503543.69 503533.03
L6	13.27	N53°25'28"E			3071771.95 3071779.86	503536.31 503546.96
L7	5.50	N56°27'11"W			3071789.88 3071792.92	503556.47 503551.88
L8	5.50	N67°11'46"W			3071796.48 3071798.61	503560.00 503554.93
L9	5.50	N75°30'26"W			3071801.97 3071803.35	503561.86 503556.53
L10	5.50	N88°23'55"W			3071810.86 3071811.02	503563.11 503557.62
L11	16.50	S24°26'20"E			3071841.28 3071826.25	503547.71 503554.54
L12	16.50	N24°26'20"W			3071828.53 3071843.55	503559.55 503552.72
L13	5.50	S65°33'40"W			3071843.55 3071841.27	503552.72 503547.71
L18	6.00	N24°26'20"W			3071841.27 3071846.73	503547.71 503545.23
L19	6.00	S24°26'20"E			3071849.01 3071843.55	503550.24 503552.72
L20	5.50	N65°33'40"E			3071846.73 3071849.01	503545.23 503550.24

PED-85513
SCALE: 1"=5'



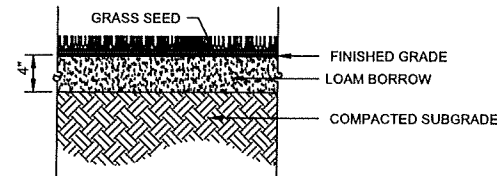
- NOTES:**
- *SLOPE VARIES. VALUE IS MAX SLOPE OF A WARPED PANEL.
 - THE PERPENDICULAR DIMENSIONS TO THE CURB ALONG THE SIDEWALK INCLUDE 0.5' FOR THE WIDTH OF THE CURB.
 - LENGTHS INDICATED ARE FOR GRADING PURPOSES ONLY. CONTRACTOR SHALL VERIFY CURB LENGTHS IN THE FIELD BASED ON THE DETAILS PROVIDED.



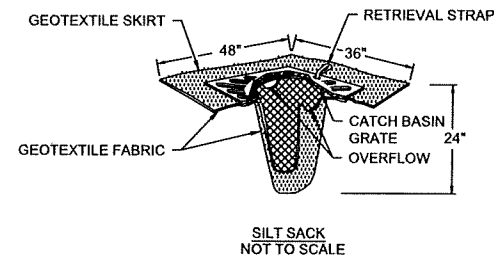
DISTRICT 2
ADA RETROFITS AT VARIOUS LOCATIONS

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	3	3
PROJECT FILE NO.		609469	

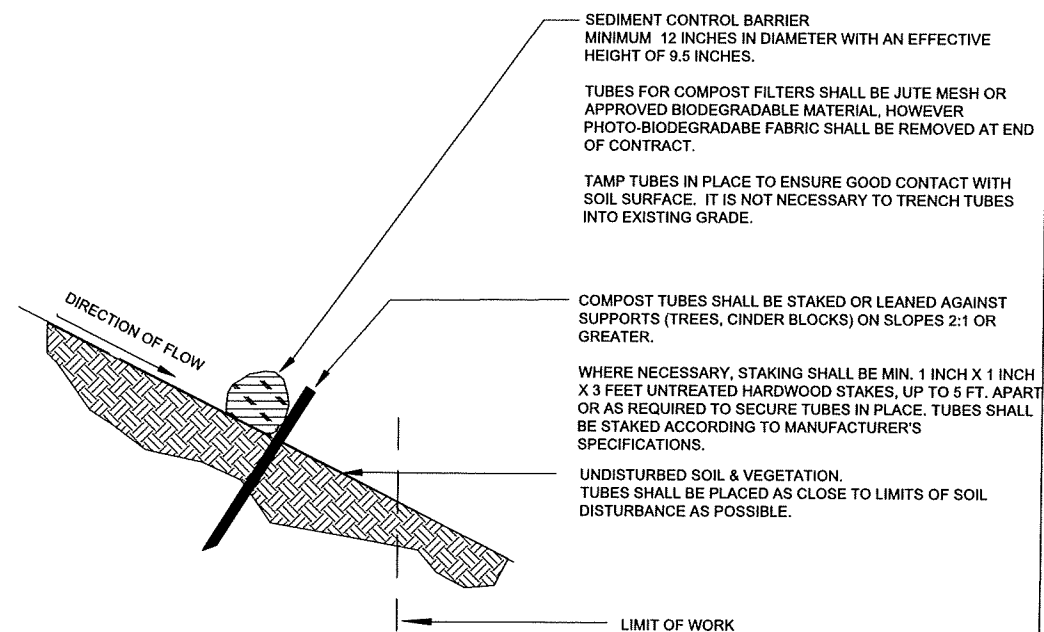
CONSTRUCTION DETAILS



* DEPTH REFLECTS PLACEMENT AND ROLLING PRIOR TO SEEDING OF LOAM.
LOAM AND SEED DETAILS
NOT TO SCALE



SILT SACK
NOT TO SCALE



SEDIMENT CONTROL BARRIER
NOT TO SCALE

SEDIMENT CONTROL BARRIER
MINIMUM 12 INCHES IN DIAMETER WITH AN EFFECTIVE HEIGHT OF 9.5 INCHES.

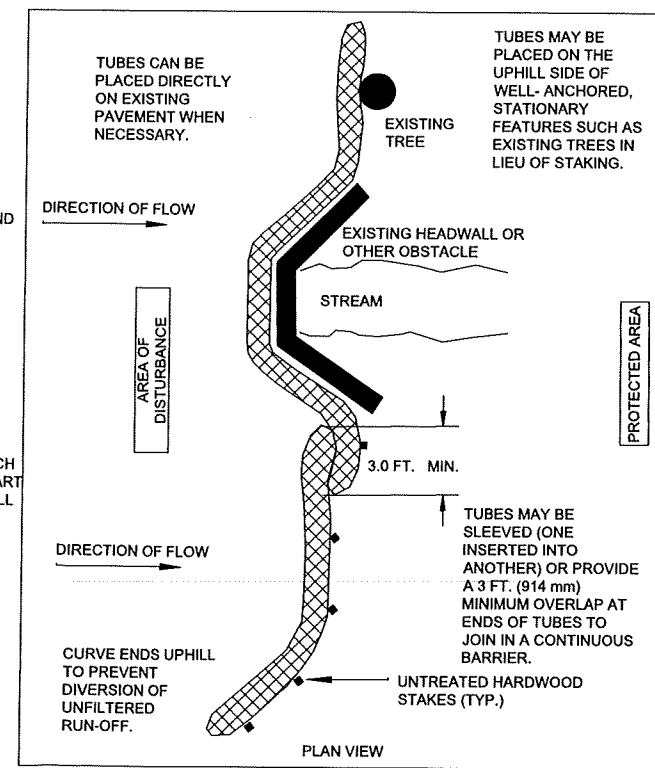
TUBES FOR COMPOST FILTERS SHALL BE JUTE MESH OR APPROVED BIODEGRADABLE MATERIAL, HOWEVER PHOTO-BIODEGRADABLE FABRIC SHALL BE REMOVED AT END OF CONTRACT.

TAMP TUBES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. IT IS NOT NECESSARY TO TRENCH TUBES INTO EXISTING GRADE.

COMPOST TUBES SHALL BE STAKED OR LEANED AGAINST SUPPORTS (TREES, CINDER BLOCKS) ON SLOPES 2:1 OR GREATER.

WHERE NECESSARY, STAKING SHALL BE MIN. 1 INCH X 1 INCH X 3 FEET UNTREATED HARDWOOD STAKES, UP TO 5 FT. APART OR AS REQUIRED TO SECURE TUBES IN PLACE. TUBES SHALL BE STAKED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

UNDISTURBED SOIL & VEGETATION.
TUBES SHALL BE PLACED AS CLOSE TO LIMITS OF SOIL DISTURBANCE AS POSSIBLE.



- GENERAL NOTES:
1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES FOR SLOPES UP TO 50 FEET IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
 2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
 3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
 4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
 5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
 6. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

