

EXISTING CONCRETE SIDEWALK
MATCH ASPHALT TRAIL TO EXISTING CONCRETE SIDEWALK
MAINTAIN MAX 5% SLOPE
TRANSITION FOR ASPHALT TRAIL FIELD ADJUST AS NECESSARY
RELOCATE EXISTING FENCE TO TOP OF NEW SLOPE, CONFIRM ON SITE OPENING 5' FROM EDGE OF TRAIL

N/F JAMES-OXFORD LIMITED PARTNERSHIP
D.B. 290, PG. 67
P.B. 41, PG. 85
TAX PARCEL (38-3)(1-13)

10' WIDE ASPHALT TRAIL WITH 2' SHOULDERS (TYP)

REMOVE EXISTING FENCE (BOTH SIDES)

ADD 6' HIGH FENCE 5' FROM TRAIL AND CONNECT TO EXISTING FENCE

EXISTING FITNESS STATION COORDINATE RELOCATION WITH JAMES CITY COUNTY

STATION 1+00.81
24" SMOOTH WALL HOPE PIPE, AASHTO M254 TYPE S WITH 1 FLARED END SECTION AND VDOT D11 LENGTH 51'
INVERT IN 78.62
INVERT OUT 78.10
INSTALLATION OF CULVERT MUST CONFORM TO ASTM D2521 STANDARDS. FOR PIPE AND INLET PROFILE SEE NEG PLANS. (SMA-1 and Bmp-2)

N/F PRICHARD TAX PARCEL (38-3)(1-16)

ADJUST GRADE AT LEVEL SPREADER-SEE NOTE

STATION 1+04.61
15" SOLID SMOOTH WALL HOPE PIPE, AASHTO M254 TYPE S, WITH 2 FLARED END SECTIONS LENGTH 10'
INVERT IN 82.45
INVERT OUT 81.85
INSTALLATION OF HOPE PIPE MUST CONFORM TO ASTM D2521 STANDARDS.

TEMPORARILY REMOVE POUL POLE AND REPLACE TO ORIGINAL POSITION FOLLOWING GRADING. REPLACE IF DAMAGED WITH SAME.

NEG-TRAIL CONNECTION SHOWN DASHED AT STATION 12+50 IS FOR FUTURE DEVELOPMENT

EXISTING WATER METER AND BACKFLOW DEVICE. PROTECT FROM DAMAGE AND RADING DISTURBANCE

TRAIL TO REPLACE EXISTING SIDEWALK. READINGS TO BE ESTABLISHED ON SITE MAINTAIN MAX SLOPE

NEW BOLLARDS (5) IN PLACE OF EXISTING BOLLARD PATCH. RELOCATE TO MATCH EXISTING AS NECESSARY

12" PAINTED SOLID WHITE STRIPING 3" OC

POINT OF BEGINNING CONFIRM POSITION IN FIELD

CURB RAMP, TRUNCATED DOME PAVERS, CROSSING BOLLARDS & STOP. INSTALL PER DETAIL F SHEET D2.

5" HOPE PIPE LENGTH 148' STANDARD VDOT D11 REPAIR OR REPLACE SIDEWALK CURBING AND ASPHALT MATCH TO EXISTING FOLLOWING INSTALLATION OF PIPE

FLARED END SECTION INVERT OUT 84.00

ADJUST GRADE AT LEVEL SPREADER-SEE NOTE IN THIS SHEET (TYP)

JAMES CITY COUNTY D.B. 213, PG. 228
P.B. 36, PG. 81
P.B. 64, PG. 89-92
TAX PARCEL (38-3)(1-13)

STD. VDOT D11 MATCH RIM TO PARKING LOT GRADE ASSIGNED AT 88.00
INVERT IN 84.75

IF NECESSARY, TEMPORARILY REMOVE PORTION OF EXISTING BALL FIELD FENCE TO ALLOW INSTALLATION OF HOPE PIPE. REPLACE FOLLOWING INSTALLATION. MATCH TO ORIGINAL POSITION. IF DAMAGED, REPLACE WITH SAME.

MAINTAIN 2% SLOPES ALONG DITCHLINE AREA ONLY
12" SMOOTH HOPE PIPE WITH 2 FLARED END SECTIONS LENGTH 41' RADIUS 25'
INVERT IN 85.60
INVERT OUT 82.40

CONNECT TO EXISTING TRAIL. FIELD VERIFY MATCH CORRECTION AND PROVIDE SMOOTH TRANSITION

MAINTAIN MAX 5% SLOPE ON ASPHALT TRAIL

MAINTAIN GRADE AT 4:1 FOR GRASS SLOPES/FEATHER BACK SLOPES AT 4:1 WHERE APPLICABLE
OWNER DESIRES THAT STAKEOUT BE DONE TO PROVIDE 4:1 SLOPES WHERE PRACTICAL

TRAIL SIGNATURE SIGN WITH BARRIERS AND REGULATIONS 24" X 36" STANDARD GREEN ON ALUMINUM ON STANDARD 4X4 POST (BY JCC-NIC)

BOLLARD DETAIL (TYP)

FROM STATION 18+00 TO 20+54.71 MAINTAIN 14' SEPARATION FROM EDGE OF TRAIL TO FACE OF CURB

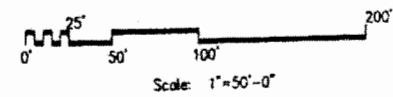
STATION 22+44.71 CENTER OF 5' WIDE ASPHALT SIDEWALK RESURFACE AREA TO PROVIDE POSITIVE DRAINAGE TO SPALE

STATION 18+88 TO 18+62.51 CROSSING DETAIL

- NOTES:
- 1) LEVEL SPREADER-FILL CAVITIES AROUND THREE EXISTING LEVEL SPREADERS WITH 21-A AND COMPACT. ADD AMOCO 2044 FABRIC (OR EQUAL) ON TOP OF 21-A. TOP WITH 4" VDOT #1 STONE.
 - 2) INTERSECTION CROSSINGS: ALL INTERSECTION CROSSINGS SHOWN ON PLANS ARE FOR FUTURE PLANNING AND COORDINATION BETWEEN VDOT AND JAMES CITY COUNTY, AND ARE LABELED "NOT IN CONTRACT"
 - 3) VDOT IS NOT RESPONSIBLE FOR THE MAINTENANCE OF THE SIDEWALKS, TRAILS, AND THE MOBILITY IMPAIRED RAMPS ON COUNTY LAND.
 - 4) INSTALL HOPE PIPE PER MANUFACTURER'S SPECIFICATIONS. FOR PIPE NEAR STATION 15+00 DO NOT EXCEED MANUFACTURER'S RECOMMENDATIONS FOR DEFLECTION
 - 5) CONTRACTOR SHALL MOVE ALL EXCAVATED TOPSOIL TO THE SIDE OF TRAIL EXCAVATION AND REDRESS FOLLOWING TRAIL INSTALLATION, RATHER THAN STRIPING AND STOCKPILING THE TOPSOIL IN A CENTRALIZED LOCATION ON SITE. IF ADDITIONAL TOPSOIL IS ENCOUNTERED, FEATHER INTO EXISTING GRADE OR USE IN AREAS NEEDING ADDITIONAL TOPSOIL.
 - 6) SOIL SPOIL AREA WILL BE PROVIDED ON SITE OR AT ANOTHER COUNTY SITE WITHIN 5 MILES AT NO COST TO THE CONTRACTOR. SPOIL OF SURPLUS SOIL PROVIDED BY CONTRACTOR AT THE COST TO COUNTY.

LINE TABLE		
LINE	LENGTH	BEARING
L1	121.59	S71°24'35"W
L2	201.88	S39°1'02"E
L3	130.25	S30°35'01"E
L4	112.47	S30°35'01"E
L5	13.14	S30°35'01"E
L6	82.99	S62°24'31"E
L7	6.90	S38°21'02"E
L8	48.08	S37°28'48"E
L9	16.71	S46°11'51"E
L10	13.70	S58°26'42"E
L11	22.07	S78°30'30"E
L12	30.21	S62°27'55"E
L13	55.47	N08°21'04"E
L14	111.52	N62°12'44"E
L15	5.87	N13°38'10"E
L16	62.75	N32°35'40"E
L17	230.73	N32°2'09"E
L18	268.38	N47°42'41"W
L19	2.70	N32°12'17"E
L20	6.47	S65°27'47"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	CHORD
C1	77.29	40.00	65.82
C2	46.78	100.00	46.38
C3	46.38	100.00	45.85
C4	28.14	150.00	28.70
C5	16.40	80.00	16.38
C6	81.31	300.00	81.26
C7	28.43	120.00	29.35
C8	218.13	115.00	185.70
C9	136.41	500.00	137.97
C10	80.81	300.00	80.51
C11	83.38	250.00	83.09
C12	271.57	150.00	194.48
C13	55.48	35.00	48.88



REVISIONS

1. Sheet as JCC Engineering	MS
2. Add Revision 4-23-04	MS

Mid County Park Trail

LAYOUT AND GRADING PLAN

JAMES CITY COUNTY, VIRGINIA

COULD QUALITY OF DESIGN
JOHN G. SCHMIDT
No. 000842
7-22-04
LANDSCAPE ARCHITECTURE & LAND PLANNING
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