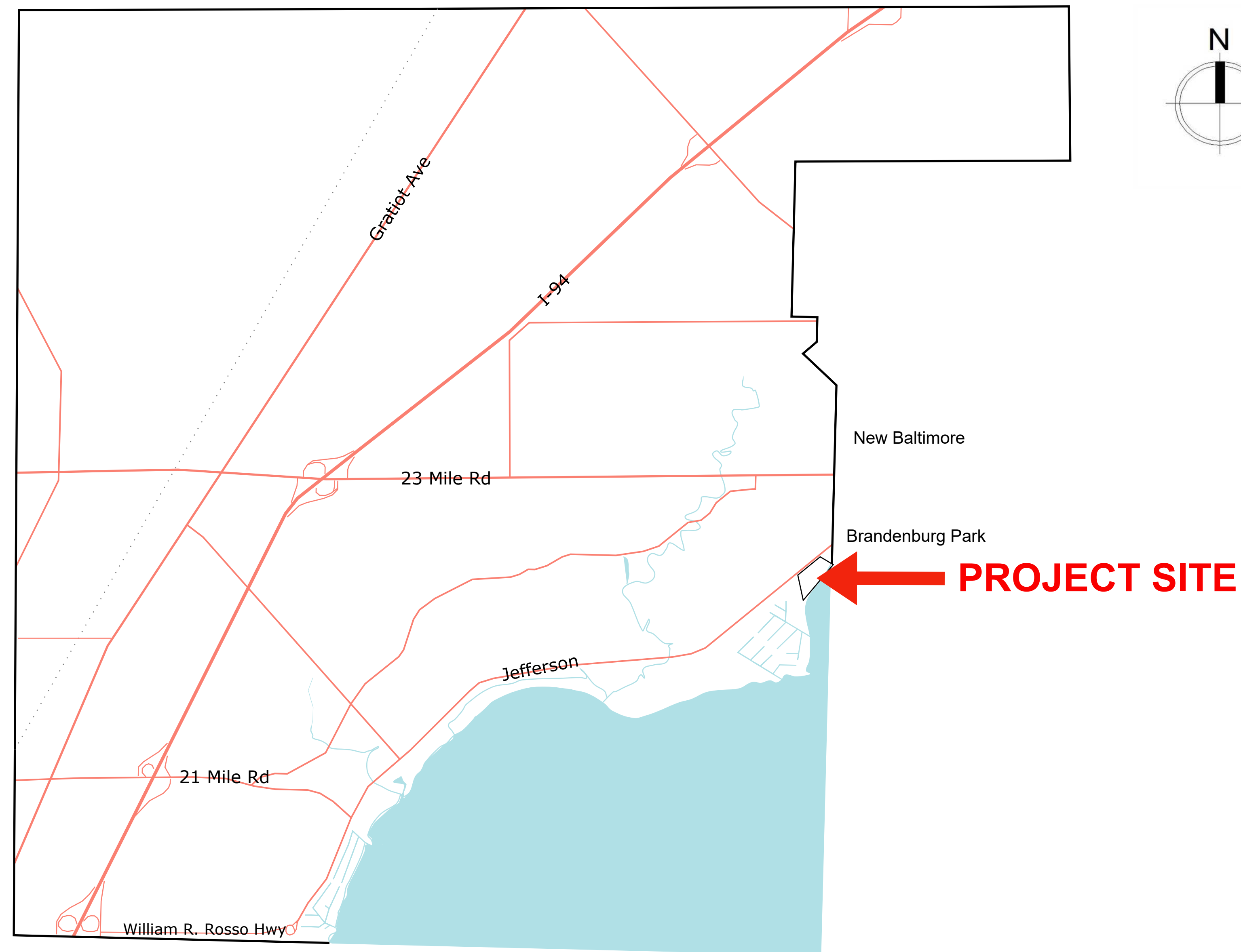


# CHARTER TOWNSHIP OF CHESTERFIELD

## BRANDENBURG PARK

SPORTS COURTS REHABILITATION  
CHESTERFIELD TOWNSHIP PROJECT NO. RFP-2021-ENG-35



### PROJECT CONTACTS:

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### SHEET INDEX

<u>SHEET NO.</u>	<u>TITLE</u>
1.	COVER SHEET
2.	SPORT COURTS



**CONSTRUCTION SCHEDULE**

- PARK WILL BE CLOSED TO THE PUBLIC UNTIL FRIDAY, MAY 28, 2021
- CONTRACTOR MUST SUBSTANTIALLY COMPLETE WORK BY THURSDAY, MAY 27, 2021

**GENERAL CONSTRUCTION SEQUENCE**

- REMOVE EXISTING POSTS AND FENCES
- CRUSH AND SHAPE EXISTING HMA COURTS
- INSTALL AND COMPACT 21AA TO 1% GRADE
- APPLY HMA (2 LIFTS)
- PAINT COURTS
- SET POST, NETS, AND FENCING

SEE CONTRACT DOCUMENT SP01 FOR COURT CONSTRUCTION DETAILS & SPECIFICATIONS

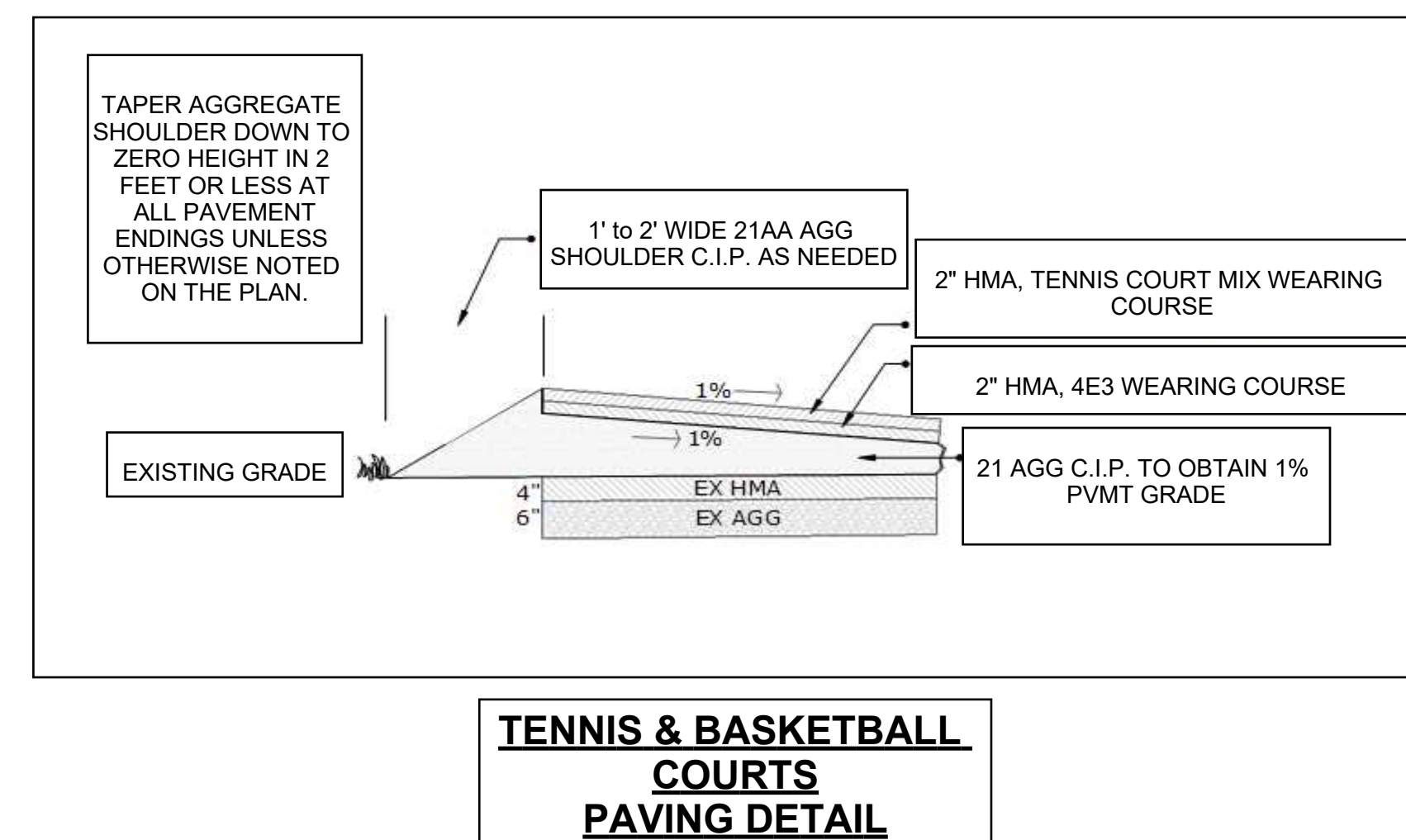
**PAVING CONSTRUCTION NOTES**

1. EARTHWORK AND PAVEMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT MDOT STANDARD.
2. THE AGGREGATE BASE SHALL BE COMPACTED TO A DENSITY NO LESS THAN 95 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D 1557-91). THE BASE SHALL EXTEND A MINIMUM OF 1 FOOT BEYOND THE PAVED EDGE.
3. ALL BITUMINOUS MATERIAL SHALL BE COMPACTED TO A DENSITY NO LESS THAN 97 PERCENT OF THE MAXIMUM DENSITY AS DETERMINED BY THE MARSHALL METHOD.
4. A BOND COAT OF SS-1H EMULSION IS REQUIRED BETWEEN THE LEVELING COURSE AND THE WEARING COURSE WHEN EITHER 24 HOURS HAVE ELAPSED BETWEEN PLACEMENT OF THE BITUMINOUS COURSES OR THE SURFACE OF THE PAVEMENT HAS BEEN CONTAMINATED WITH DIRT, DUST, OR FOREIGN MATERIAL. THE BOND COAT SHALL BE APPLIED IN A UNIFORM MANNER OVER THE SURFACE AT A RATE OF 0.1 GALLONS/S. Y. IN THE EVENT A BOND COAT IS NOT REQUIRED, THE LEVELING COURSE MAY REQUIRE LOCALIZED BROOM CLEANING.
5. PERFORMANCE GRADE PG64-22 ASPHALT CEMENT SHALL BE USED IN THE PRODUCTION OF ALL BITUMINOUS MIXTURES. RECLAIMED ASPHALT PAVEMENT (RAP) SHALL BE ALLOWED ONLY AS SPECIFIED BY THE CURRENT MDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION UNLESS NOTED ON THE PROJECT DETAILS.
6. TENNIS COURT MIX MUST BE USED FOR THE LEVELING COURSE ON ALL COURTS.
7. TAPER AGGREGATE SHOULDER DOWN TO ZERO HEIGHT IN 2 FEET OR LESS AT ALL PAVEMENT ENDINGS UNLESS OTHERWISE NOTED ON THE PLAN.
8. CONTRACTOR SHALL PROTECT EXISTING CURB, GUTTER, SIDEWALK, WALLS, FENCES AND ALL OTHER EXISTING SITE FEATURES NOT INDICATED FOR REMOVAL OR REHABILITATION.



**QUANTITIES LIST**

Item No.	MDOT or Special Provision	Description	Quantity	Unit
<b>General</b>				
1.	150	Mobilization	1	LS
2.	SP02	Restoration	1	LS
3.	209	Project Cleanup	1	LS
<b>Tennis &amp; Pickleball Courts</b>				
4.	SP01	Tennis Nets & Posts, Remove	1	LS
5.	807	Fence Posts, Remove	12	EA
6.	808	Fence, Remove	286	LF
7.	305	HMA Base Crushing & Shaping	1364	SYD
8.	302	Aggregate Base, 21AA, to Create a 1% Grade	100	TON
9.	501	HMA, 3 E3 Leveling Course, 2"	150	TON
10.	SP03	HMA, Tennis Court Mix Wearing Course, 2"	150	TON
11.	302	Conc Pav't, Nonreinf. 4" Sidewalk (Includes Removal)	75	SF
12.	602	Surface Tennis & Pickleball Courts	1364	SYD
13.	SP01	Pav't Markings, Tennis Courts	1	LS
14.	SP01	Pav't Markings, Pickleball Courts	1	LS
15.	SP01	Pickleball Nets & Posts, Install	3	LS
16.	SP01	Tennis Nets and Posts, Install	1	LS
17.	807	Fence Posts, Install	12	EA
18.	808	Fence Replace, Chain Link, 10 Foot	286	LF
<b>Basketball Courts</b>				
19.	SP01	Basketball Posts, Remove	4	EA
20.	808	Fence, Remove	112	LF
21.	305	HMA Base Crushing & Shaping	994	SYD
22.	302	Aggregate Base, 21AA, to Create a 1% Grade	100	TON
23.	501	HMA, 3 E3 Leveling Course, 2"	110	TON
24.	SP03	HMA, Tennis Court Mix Wearing Course, 2"	110	TON
25.	SP01	Surface, Basketball Court	994	SYD
26.	SP01	Pav't Markings, Basketball Courts	1	LS
27.	SP01	Basketball Posts, Reset Existing	4	EA
28.	SP01	Fence Place, Chain Link 10 Foot	112	LF



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**PROJECT NAME:  
BRANDENBURG PARK  
SPORTS COURTS  
REHABILITATION**

**SPORTS COURTS**

**CHESTERFIELD TWP.  
PROJECT NUMBER  
RFP-2021-ENG-35**

**SCALE: N.T.S.**

**BID DATE:  
MARCH 02, 2021**

INDEX OF ISSUANCE	
1/29/2021	ORIGINAL ISSUE DATE