



0000059831

NEW APPLICATION

ORIGINAL

Department of Transportation

Intermodal Transportation Division

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

RECEIVED

Janet Napolitano  
Governor  
Victor M. Mendez  
Director

September 10, 2003

2003 SEP 18 A 8:42

Bill Higgins  
Acting State  
Engineer

AZ CORP COMMISSION  
DOCUMENT CONTROL

Mr. Donald Thompson  
Railroad Safety Supervisor  
Arizona Corporation Commission  
1200 West Washington  
Phoenix, Az 85007  
602-262-5610

Arizona Corporation Commission  
DOCKETED

SEP 18 2003

DOCKETED BY [Signature]

AGREEMENT No.: 2456-03-BNSF (Fed funded)  
UTILITY TRACS No. 060 MA 155 H5600 01C  
UTILITY PROJECT No. NH-060-B(008)B  
BNSF File: 025419G  
55th Ave/Maryland Avenue

RR-02635B-03-0685

Dear Mr. Thompson:

The Arizona Department of Transportation proposes to re-align Maryland Avenue, through the construction of a Maryland Avenue overhead structure and roadway carrying vehicular traffic over both streets, Grand Avenue and 55th Avenue, and crossing over BNSF's six tracks. The existing 55th Avenue grade crossing of BNSF's tracks, AAR/DOT # 025-419 G1 Railroad Mile Post 184.64 and Maryland Avenue grade crossing of BNSF's tracks, AAR/DOT # 025-419 G2 Railroad Mile Post 184.64 will be eliminated by the grade separation structure per ADOT's project plans and specifications. See Exhibit A to illustrate the improvements to construct the grade separation structure. When this structure is completed, then traffic on Maryland and 55th Avenue will be eliminated and the railroad safety warning devices will be removed. Please furnish our office with an Opinion and Order to cover the grade separation structure and the work to remove the two crossings. Ten copies of this application are attached for your use. One copy of the agreement is attached for your files.

When we receive the opinion and order, we will send you a copy of our letter authorizing the railroad to proceed with the work.

Respectfully,

[Signature]

Joe Schwer, PE  
Assistant Manager/Railroad Liaison  
Utility & Railroad Engineering Section  
205 South 17th Avenue Mail Drop 618E Phoenix, Arizona 85007  
Phone 602 712-8648 Fax 602 712-3229 [Jschwer@dot.state.az.us](mailto:Jschwer@dot.state.az.us)



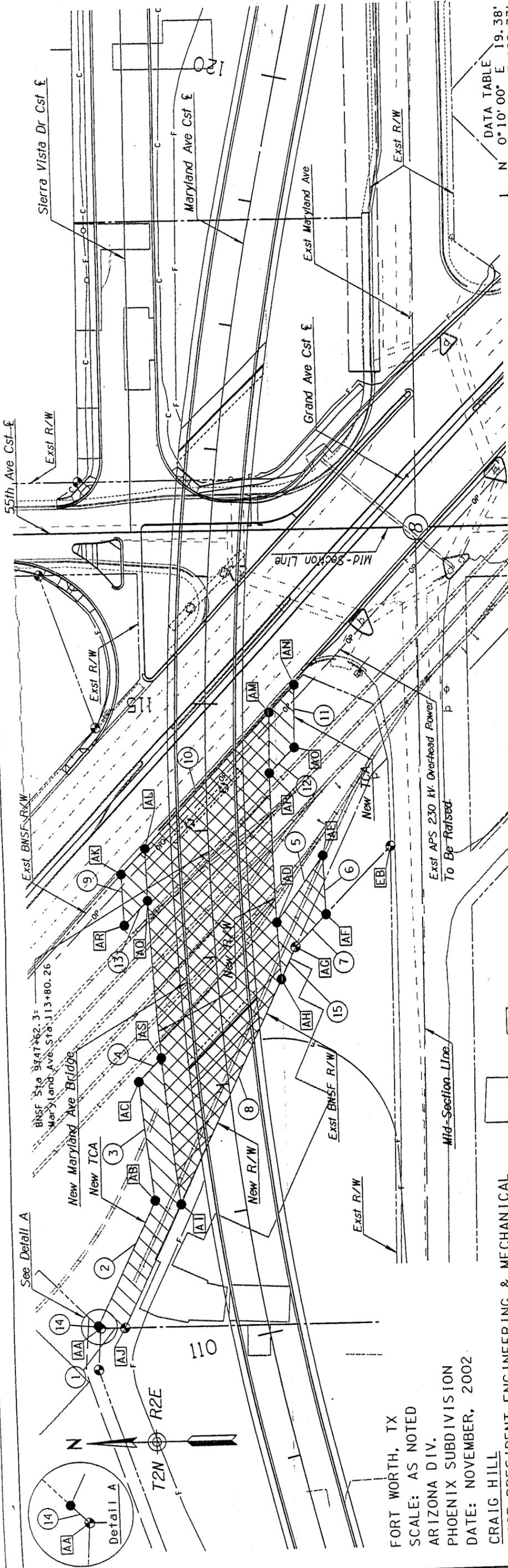
# Grand Avenue Intersections

1. 27th Avenue and Thomas Road  
Completion Date - Summer 2003
2. 43rd Avenue and Camelback Road  
Completion Date - Summer 2004
3. 51st Avenue and Bethany Home Road  
Completion Date - Summer 2004
4. 55th Avenue and Maryland Avenue  
Completion Date - Summer 2005
5. 59th Avenue and Glendale Avenue  
Completion Date - Summer 2006
6. 67th Avenue and Northern Avenue  
Completion Date - Winter 2005/2006
7. 75th Avenue and Olive Avenue  
Completion Date - Summer 2005
8. 91st Avenue Ramps to the 101 Freeway  
Completion Date - Completed Late 2002



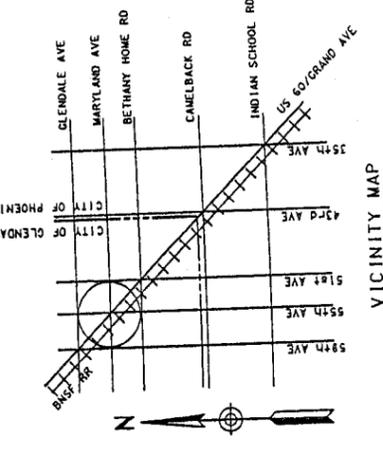
BNSF File: 025419G  
55th Ave/Maryland Avenue  
060 MA 155 H5600 01C  
Agreement No. 2456-03-BNSF

The Arizona Department of Transportation proposes to re-align Maryland Avenue, through the construction of a Maryland Avenue overhead structure and roadway carrying vehicular traffic over both streets, Grand Avenue and 55<sup>th</sup> Avenue, and crossing over BNSF's six tracks. The existing 55<sup>th</sup> Avenue grade crossing of BNSF's tracks, AAR/DOT # 025-419 G1 Railroad Mile Post 184.64 and Maryland Avenue grade crossing of BNSF's tracks, AAR/DOT # 025-419 G2 Railroad Mile Post 184.64 will be eliminated by the grade separation structure per ADOT's project plans and specifications. See Exhibit A to illustrate the improvements.

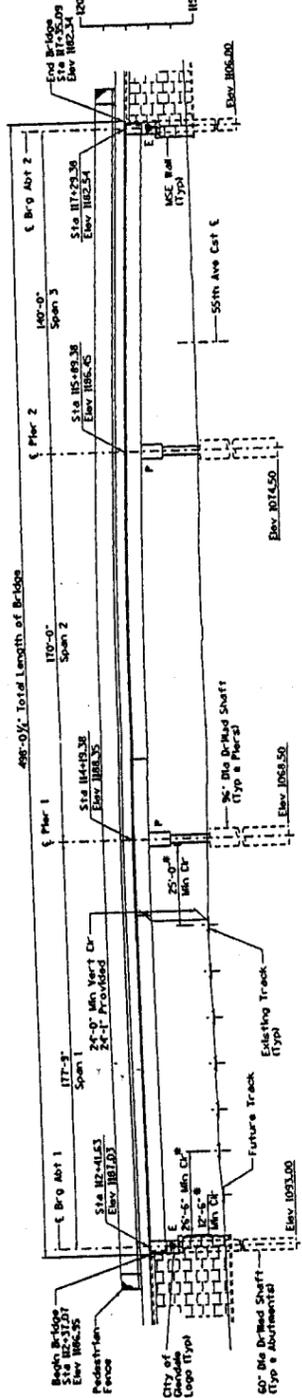


**DATA TABLE**

1	N	0°10'00"	E	19.38'
2	S	64°08'37"	E	109.33'
3	N	83°26'34"	E	94.00'
4	S	44°38'09"	E	25.88'
5	S	53°22'25"	E	64.54'
6	S	88°15'31"	W	47.00'
7	N	44°38'09"	W	35.65'
8	N	64°08'37"	W	194.35'
9	N	88°03'07"	E	40.00'
10	S	44°38'09"	E	147.39'
11	N	88°23'28"	W	50.00'
12	N	44°38'09"	W	28.46'
13	N	44°38'09"	W	27.04'
14	N	44°32'26"	E	2.67'
15	N	44°08'37"	E	27.51'



**MARYLAND AVE CURVE DATA**  
 PC STA 108+95.17  
 PT STA 119+41.68  
 PI STA 114+27.71  
 $\Delta = 26^{\circ}09'46.53''$  Rt  
 $D = 2^{\circ}30'00''$   
 $R = 2,291.83$   
 $L = 1,046.52$   
 $T = 532.54$   
 $Ext = 61.06$



LONGITUDINAL SECTION  
 Elevations and Stationing are measured along Maryland Ave Profile Grade Line

**ELEVATION**

DESCRIPTION: MARYLAND AVENUE OVERPASS  
 GENERAL PLAN & ELEVATION

**STATION-OFFSET TABLE**

AA	131.60'	LT	POC	110+30.27	Maryland Ave.
AB	71.00'	LT	POC	111+18.50	Maryland Ave.
AC	71.00'	LT	POC	112+09.84	Maryland Ave.
AD	51.00'	RT	POC	113+23.49	Maryland Ave.
AE	91.00'	RT	POC	113+75.76	Maryland Ave.
AF	91.00'	RT	POC	113+27.27	Maryland Ave.
AG	64.45'	RT	POC	113+02.75	Maryland Ave.
AH	51.00'	RT	POC	112+78.12	Maryland Ave.
AI	51.00'	RT	POC	111+12.61	Maryland Ave.
AJ	112.51'	LT	POC	110+27.08	Maryland Ave.
AK	71.00'	LT	POC	113+67.96	Maryland Ave.
AL	51.00'	LT	POC	114+93.63	Maryland Ave.
AM	51.00'	RT	POC	115+16.32	Maryland Ave.
AN	71.00'	RT	POC	114+65.27	Maryland Ave.
AO	51.00'	RT	POC	114+44.46	Maryland Ave.
AP	51.00'	LT	POC	113+46.82	Maryland Ave.
AQ	51.00'	LT	POC	113+29.09	Maryland Ave.
AR	71.00'	LT	POC	112+25.83	Maryland Ave.
AS	51.00'	LT	POC	112+25.83	Maryland Ave.

FORT WORTH, TX  
 SCALE: AS NOTED  
 ARIZONA DIV.  
 PHOENIX SUBDIVISION  
 DATE: NOVEMBER, 2002  
 CRAIG HILL  
 VICE PRESIDENT ENGINEERING & MECHANICAL  
 DESCRIPTION APPROVED

- Notes:  
 1. To review references to section corners, monuments and alignments defining stationing. See Right of Way Plans for project RAM 060-B-803 on file in ADOT Right of Way Plans Section.  
 2. To locate alignment for Maryland Avenue Construction Centerline, See said ADOT ROW plans.
- Permanent Access and Maintenance Area Granted by BNSF by this agreement to ADOT.
  - Temporary Access and Maintenance Area Granted by BNSF by this agreement to ADOT.

**EXHIBIT "A"**

ATTACHED TO AGREEMENT BETWEEN  
 THE BURLINGTON NORTHERN AND SANTA FE RAILWAY COMPANY  
 AND  
 ARIZONA DEPT. OF TRANSPORTATION