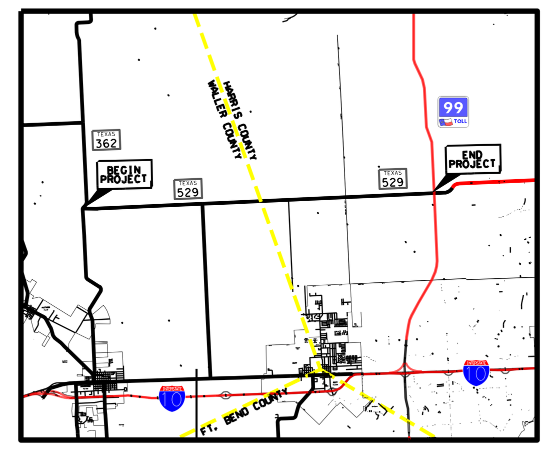
FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362



SCALE 0 50 100 200

PLAN LEGEND

ALTERNATIVE 1	
ALTERNATIVE 2	
ALTERNATIVE 3	
EXIST PARCEL/ROW	
PROPOSED ROW	
EXISTING SIGNAL	
EXISTING FLASHING YELLOW	
EXISTING 4-WAY STOP WITH FLASHING RED	

FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

NOT A BIDDING DOCUMENT
RAJESH JANARTHANAN, P.E.
99487
TEXAS REGISTRATION NUMBER
4/16/2019
DATE

PRELIMINARY
THIS PRINT IS FURNISHED FOR INFORMATION ONLY. THE PLAN INFORMATION OR OTHER DATA SHOWN HEREON IS SUBJECT TO CHANGE AND MUST NOT BE CONSTRUED AS FINAL.

AECOM
AECOM TECHNICAL SERVICES, INC.
19219 KATY FREEWAY
HOUSTON, TEXAS 77094
WWW.AECOM.COM
TBPE REG. NO. F-3580

FM 529 CORRIDOR STUDY
AT-GRADE ALTERNATIVE
Date: 4/16/2019

Texas Department of Transportation
HOUSTON DISTRICT

CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99
PROJECT LENGTH: 12.2 MILES
Date: 4/16/2019

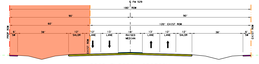
FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES

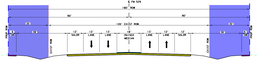
PRELIMINARY SUBJECT TO CHANGE

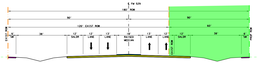
ROADWAY: FM 529
COUNTY: HARRIS/WALLER
LIMITS FROM: FM 362
LIMITS TO: SH 99

c:\pwworking\aecom-ds16-na\edgar.cruz@aecom.com\d0230602\FM529-Exhibit-Alternatives-001.dgn

FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362

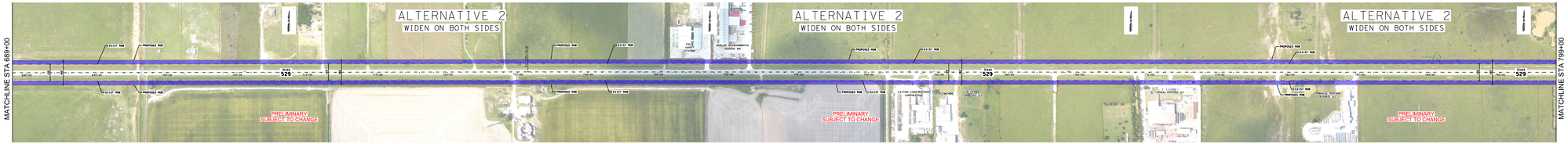




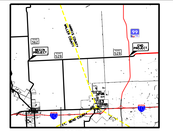


ALTERNATIVE 1
WIDEN TO THE NORTH

ALTERNATIVE 2
WIDEN ON BOTH SIDES



ALTERNATIVE 3
WIDEN TO THE SOUTH



PLAN LEGEND

- ALTERNATIVE 1
- ALTERNATIVE 2
- ALTERNATIVE 3
- EXIST PARCEL/ROW
- PROPOSED ROW
- EXISTING SIGNAL
- EXISTING FLASHING YELLOW
- EXISTING 4-WAY STOP WITH FLASHING RED

FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

NOT A BIDDING DOCUMENT

PRELIMINARY

Texas Department of Transportation

AECOM
500 Dallas Street, Suite 1000, Houston, TX 77002-4700
TBPE Firm No. F-3580
TBPLS Firm No. 10046202

FM 529 ORIGIN STUDY
AT-GRADE ALTERNATIVE

10/18/2019

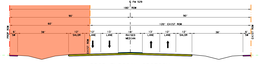
HOUSTON DISTRICT

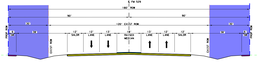
CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99 (GRAND PKWY)
PROJECT LENGTH: 12.2 MILES

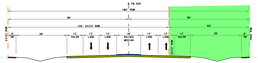
4/15/2019
DATE

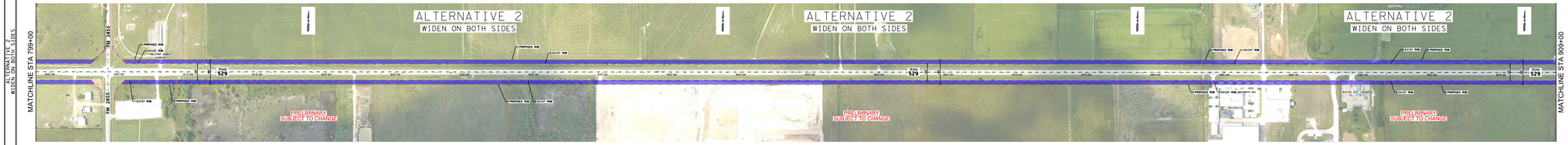
FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES
PRELIMINARY SUBJECT TO CHANGE

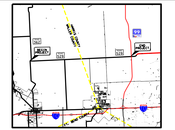
FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362











PLAN LEGEND

- ALTERNATIVE 1
- ALTERNATIVE 2
- ALTERNATIVE 3
- EXIST PARCEL/ROW
- PROPOSED ROW
- EXISTING SIGNAL
- EXISTING FLASHING YELLOW
- EXISTING 4-WAY STOP WITH FLASHING RED

FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

NOT A BIDDING DOCUMENT

Preliminary plans are not to be used for bidding or construction purposes

PRELIMINARY

Plans released for the purpose of interim review only under the authority of Kevin Ellis, P.E. 129xxx on 10/18/2019. It is not to be used for bidding or construction purposes.

AECOM
400 Century Plaza Dr., Ste. 140
Houston, TX 77073
281.436.2000

FM 529 ADDITIONAL STUDY
AT-GRADE ALTERNATIVE

10/18/2019

Texas Department of Transportation

HOUSTON DISTRICT

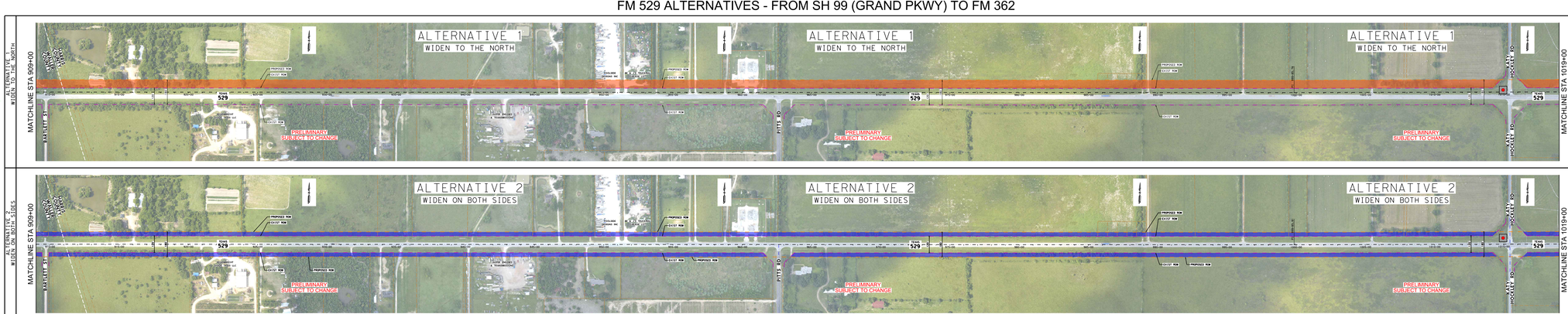
CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99
PROJECT LENGTH: 10.2 MILES

4/15/2019

DATE

FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES
PRELIMINARY SUBJECT TO CHANGE

FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362



SCALE 0 50 100 200

PLAN LEGEND

- ALTERNATIVE 1
- ALTERNATIVE 2
- ALTERNATIVE 3
- EXIST PARCEL/ROW
- PROPOSED ROW
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FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

NOT A BIDDING DOCUMENT
PRELIMINARY
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FM 529 CONCEPTUAL SCHEMATIC
AT GRADE ALTERNATIVE

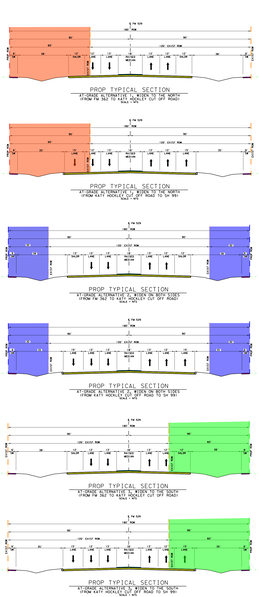
HOUSTON DISTRICT
Texas Department of Transportation
CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99
PROJECT LENGTH: 12.2 MILES
Date: 4/18/2019

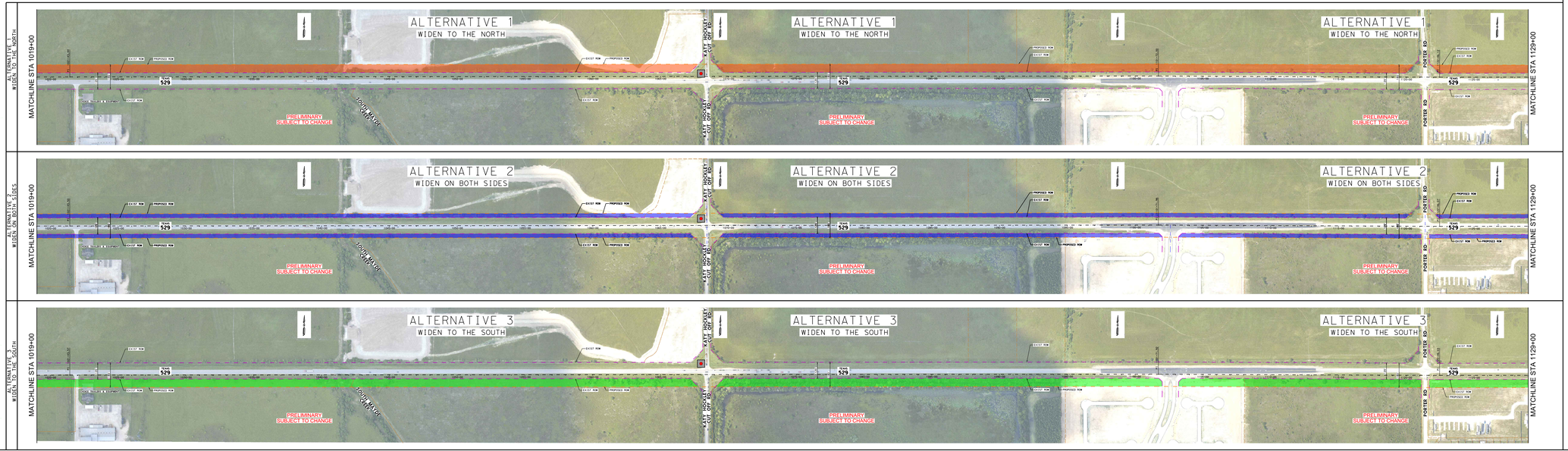
FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES

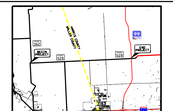
PRELIMINARY SUBJECT TO CHANGE

4/6

FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362







SCALE 0 50 100 200

PLAN LEGEND

- ALTERNATIVE 1
- ALTERNATIVE 2
- ALTERNATIVE 3
- EXIST PARCEL/ROW
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FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

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PRELIMINARY
NOT FOR CONSTRUCTION OR PERMITTING
AECOM
FM 529 CORRIDOR STUDY
AT-GRADE ALTERNATIVE
Date: 4/16/2019

HOUSTON DISTRICT
Texas Department of Transportation
CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99
PROJECT LENGTH 12.2 MILES
Date: 4/16/2019

FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES

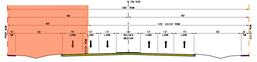
PRELIMINARY SUBJECT TO CHANGE

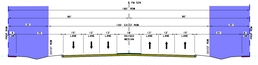
5/6

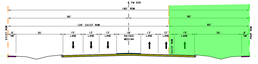
FM 529 ALTERNATIVES - FROM SH 99 (GRAND PKWY) TO FM 362

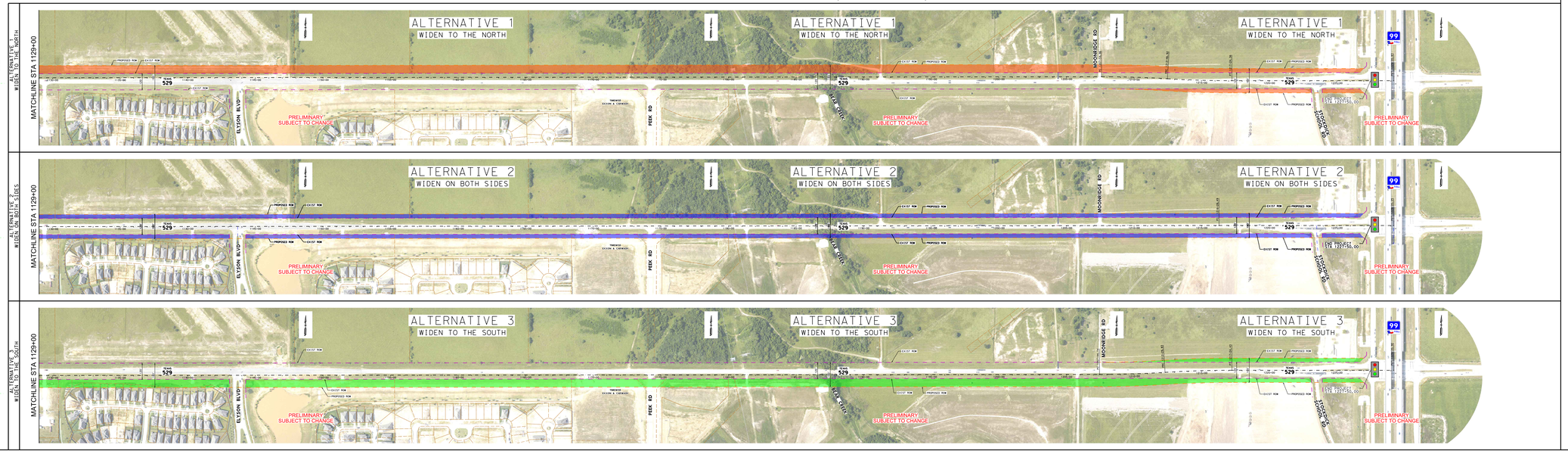
FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES

PRELIMINARY SUBJECT TO CHANGE









SCALE 0 50 100 200

PLAN LEGEND

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- ALTERNATIVE 3
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FUNCTIONAL CLASSIFICATION:
RURAL MAJOR COLLECTOR
DESIGN SPEED: 50 MPH

2018	(10,850)	ADT
2038	(52,450)	ADT
2045	(59,800)	ADT

NOT A BIDDING DOCUMENT
PLANS, SPECIFICATIONS, ETC.
PRELIMINARY
NOT FOR CONSTRUCTION
NOT FOR BIDDING OR PERMIT
AECOM
FM 529 CORRIDOR STUDY
AT-GRADE ALTERNATIVE

HOUSTON DISTRICT

Texas Department of Transportation

CONCEPTUAL SCHEMATIC
HARRIS AND WALLER COUNTIES
FM 529
FROM FM 362
TO SH 99
PROJECT LENGTH: 12.2 MILES

Date: 4/18/2019

FM 529 - FM 362 TO SH 99 (GRAND PKWY) - AT-GRADE ROW ALTERNATIVES

PRELIMINARY SUBJECT TO CHANGE

6/6