

**Texas Department of Transportation
Book 2 – Technical Provisions**

Grand Parkway Project

**Attachment 11-1
Cross-Street Design Criteria Matrices**

**GRAND PARKWAY
SEGMENT F-1**

ULTIMATE BUILD		INITIAL BUILD														
Intersecting Street	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	EASTBOUND / NORTHBOUND					Median & Turn Lanes	WESTBOUND / SOUTHBOUND				
						U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Curb Section	Offset to face of curb	Through Lanes		Through Lanes	Offset to face of curb	Curb Section	Clear Zone for Cross Street Thru Lanes	U-Turn (each)
Future Cypresswood Dr.	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12')	2 (12')	1'	Y	6'	1
Future Cumberland Ridge Dr.	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	3 (12')	2 (12')	3 (12')	1'	Y	6'	0
Schiel Rd.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section									0
Future Mason Rd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section									0
Mueschke Rd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	N	2 (12')	1'	Y	6'	0
Cypress-Rosehill Rd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	2 (12') with 8' curbed median	2 (12')	1'	Y	6'	0
Lindsey Ln.	Harris Co.	Local Rural	20	under SH 99	WB-50	0	10'	N	N	1 (12')	N	1 (12')	N	N	10'	0
Cedar Lane / Future Barker Cypress	Harris Co.	Local Urban	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section									0
Telge Rd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	2 (12') with 8' curbed median	2 (12')	1'	Y	6'	0
Boudreaux Rd. (STA 3037+00)	Harris Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	1 (12')	2 (12')	1 (12')	1'	Y	6'	1

Assumptions:

Urban - Minimum 5' sidewalk and curb and gutter on all urban roadways. Ped accommodations only on Urban Facilities. If columns are placed in the median, use 6' minimum offset from face of column.

Rural - No curb and gutter and sidewalk on all rural roadways.

**GRAND PARKWAY
SEGMENT F-2**

ULTIMATE BUILD		INITIAL BUILD															
Intersecting Street	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	EASTBOUND / NORTHBOUND					Median & Turn Lanes	WESTBOUND / SOUTHBOUND					
						U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Curb Section	Offset to face of curb	Through Lanes		Through Lanes	Offset to face of curb	Curb Section	Clear Zone for Cross Street Thru Lanes	U-Turn (each)	
Future Boudreaux Rd. (STA 3073+50)	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	(2) 12' with 6' curbed median	2 (12')	1'	Y	6'	0	
Huffsmith-Kohrville Rd.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Gleannloch Forest Dr.	Harris Co.	Local Urban	40	under SH 99	WB-50	0	6'	Y	1'	2 (12')	N	2 (12')	1'	Y	6'	1	
Champions Forest Dr.	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	3 (12')	49' curbed median	3 (12')	1'	Y	6'	1	
FM 2920	TxDOT	Arterial Urban	45	over SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12') with 12' curbed median	2 (12')	1'	Y	6'	1	
Boudreaux Rd. (STA 3305+00) / Future Stuebner Airline	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	1 (12') with 2' curbed median	2 (12')	1'	Y	6'	0	
Boudreaux Rd. (STA 3387+00)	Harris Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (11')	2 (11') with 6' striped median	2 (11')	1'	Y	6'	0	
Kuykendahl Rd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	2 (12') with 6' curbed median	2 (12')	1'	Y	6'	1	
Hildebrandt Rd.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	10'	Y	1'	1 (12')	N	N	N	N	10'	0	
Northcrest Dr.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
*Gosling Rd.	Harris Co.	Local Urban	40	under SH 99	WB-50	0	6'	Y	1'	1 (12')	6' curbed median	1 (12')	1'	Y	6'	0	
Rothwood Rd.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Mossy Oaks Rd.	Harris Co.	Local Rural	40	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Springwoods Village Pkwy	Harris Co.	Local Urban	45	over SH 99	WB-50	0	Overall Bridge Width = 79' Lane Assignments to be Coordinated with County										0
Holzwarth Rd	Harris Co.	Local Urban	45	over SH 99	WB-50	0	By Others										0
Energy Drive	Harris Co.	Local Urban	45	under SH 99	WB-50	0	By Others SH 99 bridge bents to clear a 100' span centered about Energy Drive										0

Assumptions:

Urban - Minimum 5' sidewalk and curb and gutter on all urban roadways. Ped accommodations only on Urban Facilities. If columns are placed in the median, use 6' minimum offset from face of column.

Rural - No curb and gutter and sidewalk on all rural roadways.

*Initial Build indicates striping. Initial pavement will be constructed as shown in the schematic.

**GRAND PARKWAY
SEGMENT G**

ULTIMATE BUILD		INITIAL BUILD															
Intersecting Street	Jurisdiction	Roadway Classification	Design Speed (mph)	Position (over/under)	Design Vehicle	EASTBOUND / NORTHBOUND					Median & Turn Lanes	WESTBOUND / SOUTHBOUND					
						U-Turn (each)	Clear Zone for Cross Street Thru Lanes	Curb Section	Offset to face of curb	Through Lanes		Through Lanes	Offset to face of curb	Curb Section	Clear Zone for Cross Street Thru Lanes	U-Turn (each)	
Northgate Crossing Blvd.	Harris Co.	Local Urban	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Nelson St.	Harris Co.	Local Rural	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
East Hardy Rd.	Harris Co.	Local Rural	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Old Westfield Rd / Spring Creek Trail	Harris Co.	Local Urban	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Riley Fuzzel Rd	Montgomery Co.	Local Rural	40	under SH 99	WB-50	0	10'	N	N	2 (12')	N	2 (12')	N	N	10'	1	
Future Rayford Rd	Montgomery Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	1	
Birnam Woods Dr.	Montgomery Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	1	
Future Townsen Blvd.	Montgomery Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	0	
Future Riverwalk Dr.	Montgomery Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	0	
FM 1314	TxDOT	Arterial Rural	45	under SH 99	WB-50	0	16'	N	N	2 (12')	2 (12') with 4' curbed median	2 (12')	N	N	16'	0	
Future Rd. (STA 4267+00)	Montgomery Co.	Local Urban	45	under SH 99	WB-50	0	No Initial Build Accommodate Ultimate Typical Section										0
Valley Ranch Blvd.	Montgomery Co.	Local Urban	45	under SH 99	WB-50	0	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	1	
Future Rd. (STA 4395+00)	Montgomery Co.	Local Urban	45	under SH 99	WB-50	1	6'	Y	1'	2 (12')	2 (12') with 4' curbed median	2 (12')	1'	Y	6'	1	

Assumptions:

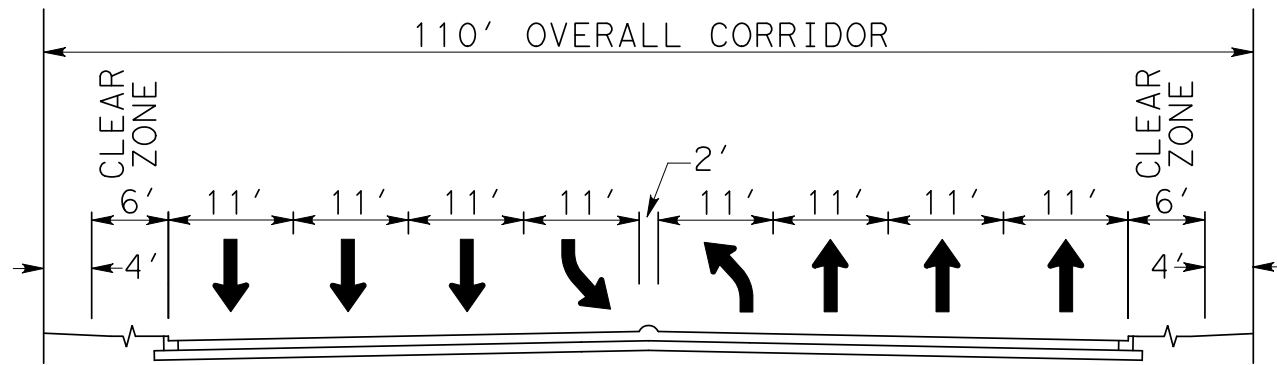
Urban - Minimum 5' sidewalk and curb and gutter on all urban roadways. Ped accommodations only on Urban Facilities. If columns are placed in the median, use 6' minimum offset from face of column.

Rural - No curb and gutter and sidewalk on all rural roadways.

**Texas Department of Transportation
Book 2 – Technical Provisions**

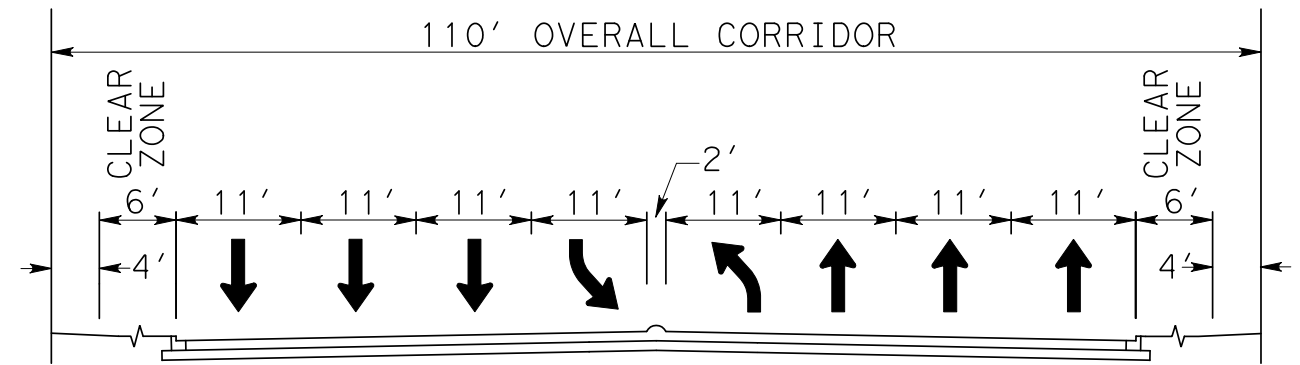
Grand Parkway Project

**Attachment 11-2
Ultimate Cross-Street Typical Sections**



FUTURE CYPRESSWOOD DR.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE

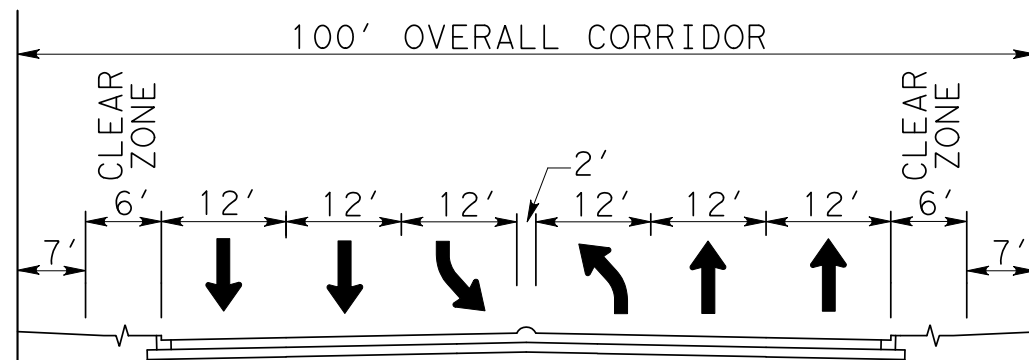


FUTURE CUMBERLAND RIDGE DR.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

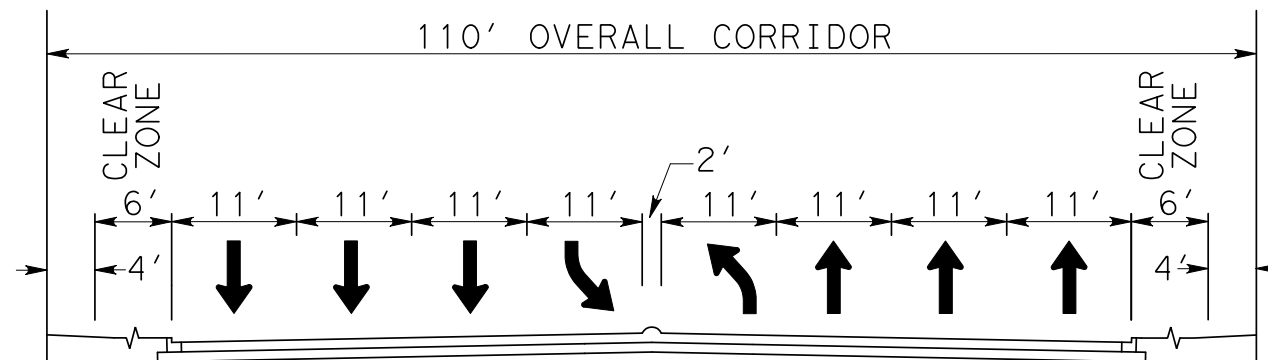
GENERAL NOTES

1. THE PURPOSE OF THESE TYPICAL SECTIONS IS TO SHOW CROSS STREET INFORMATION ONLY.
2. TYPICALS ARE AT CENTER LINE OF MAIN LANES. DEVELOPER TO DESIGN MEDIANS AT FRONTAGE ROADS TO END OF RIGHT OF WAY (ROW).
3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.



SCHIEL RD.

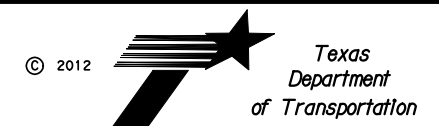
NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



FUTURE MASON RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

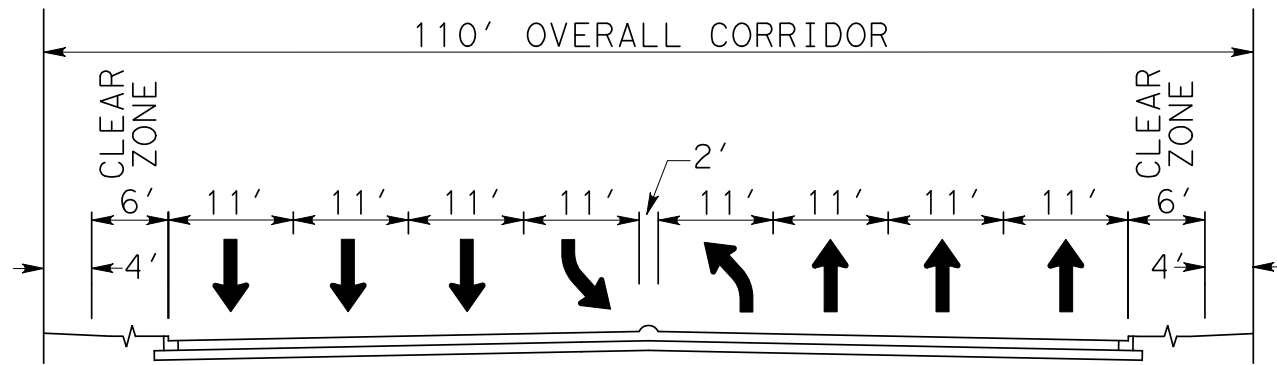
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ATKINS 1250 WOOD BRANCH PARK DRIVE
SUITE 300
HOUSTON, TEXAS 77079
281-493-5100
T&E REG. #F-474

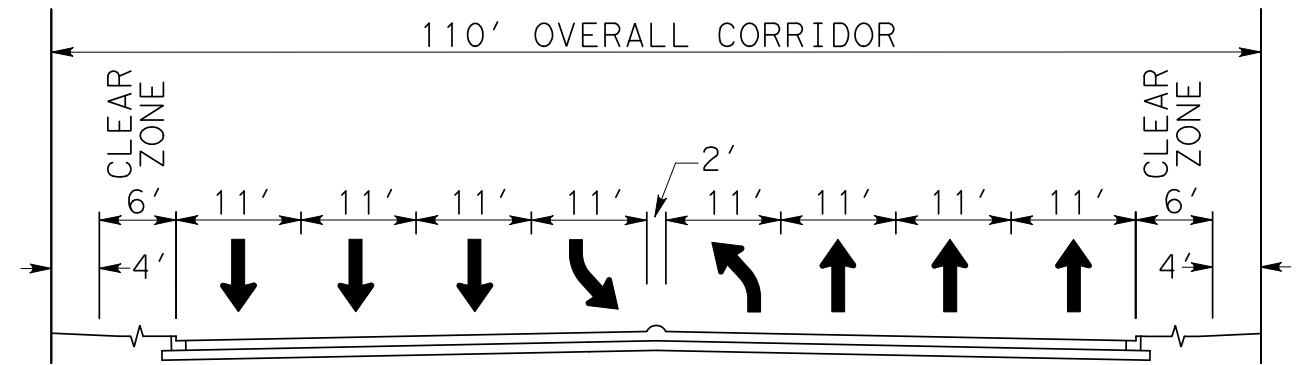
**GRAND PARKWAY (SH 99)
SEGMENT F-1
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE



MUESCHKE RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE

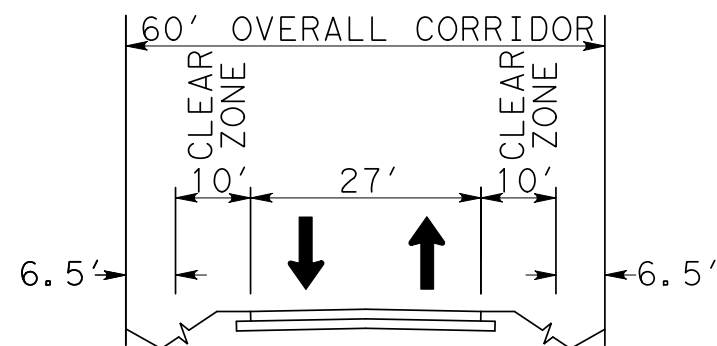


CYPRESS-ROSEHILL RD.

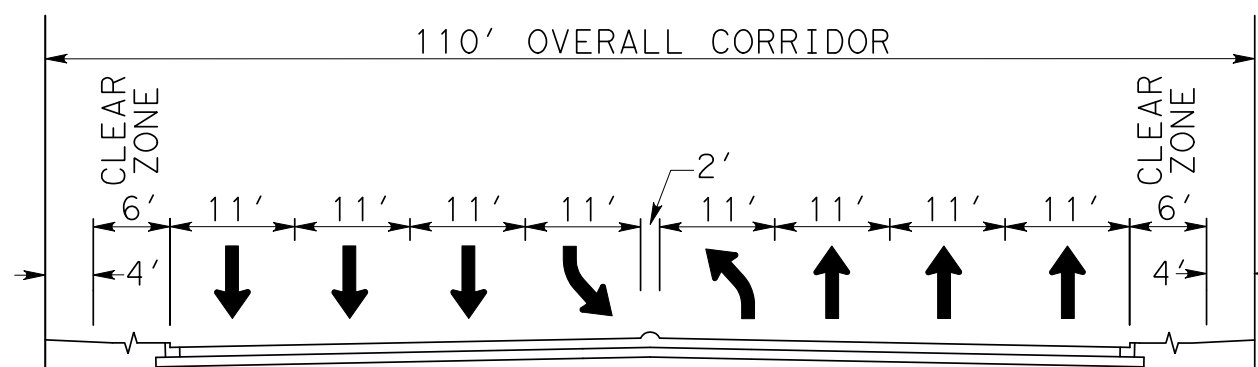
NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE

GENERAL NOTES

1. THE PURPOSE OF THESE TYPICAL SECTIONS IS TO SHOW CROSS STREET INFORMATION ONLY.
2. TYPICALS ARE AT CENTER LINE OF MAIN LANES. DEVELOPER TO DESIGN MEDIANS AT FRONTAGE ROADS TO END OF RIGHT OF WAY (ROW).
3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.



LINDSEY LN.



CEDAR LANE / FUTURE BARKER CYPRESS

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE

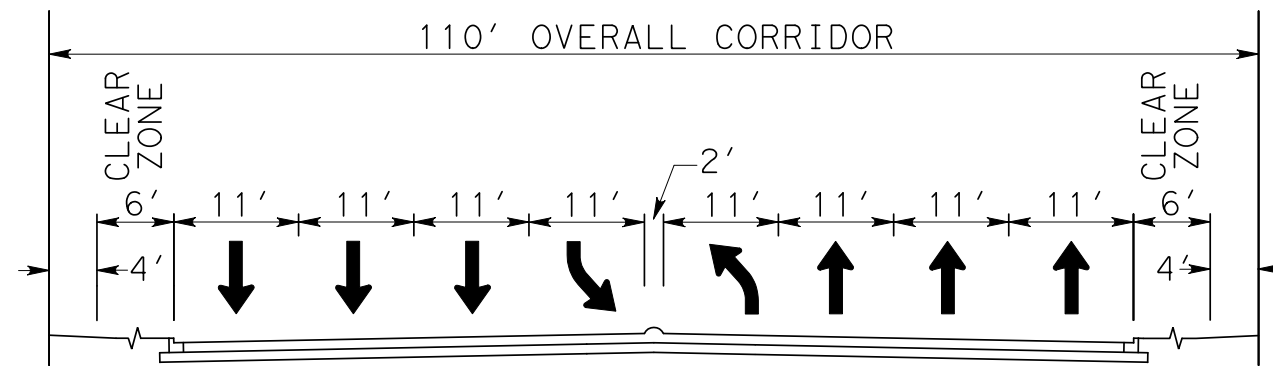
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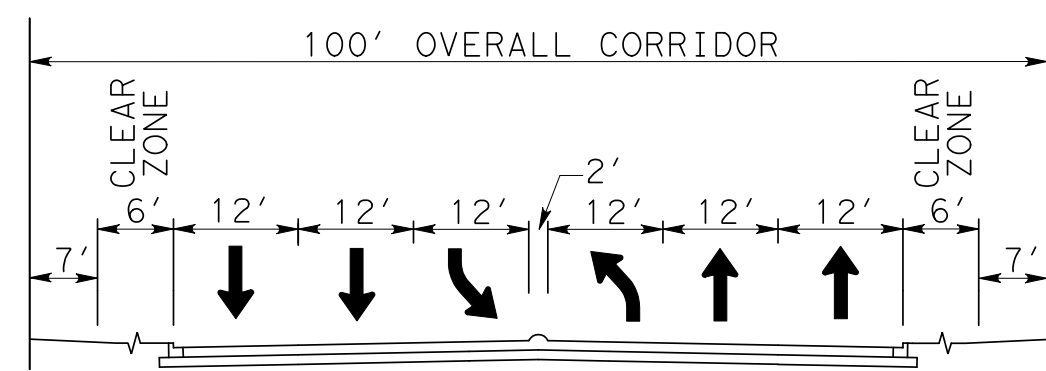
**GRAND PARKWAY (SH 99)
SEGMENT F-1
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE



TELGE RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE




BOUDREAUX RD. (STA 3037+00)

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE

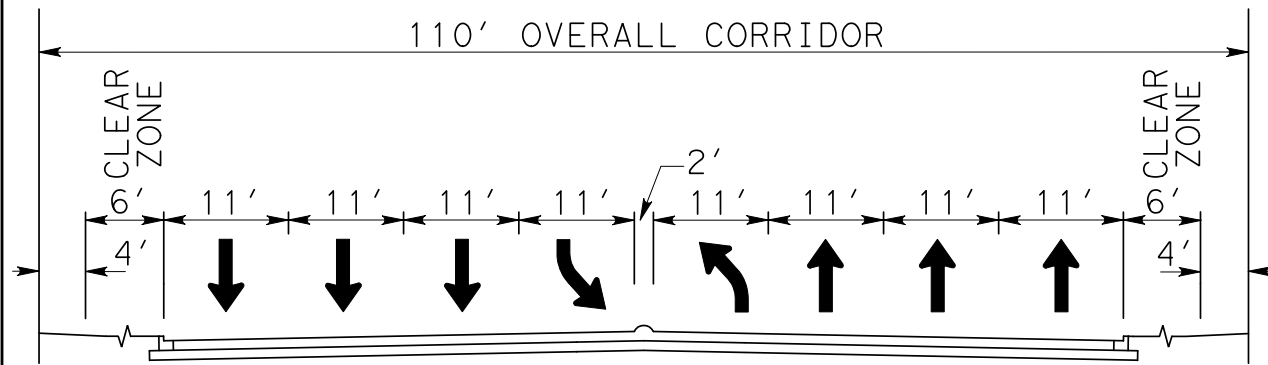
GENERAL NOTES

1. THE PURPOSE OF THESE TYPICAL SECTIONS IS TO SHOW CROSS STREET INFORMATION ONLY.
2. TYPICALS ARE AT CENTER LINE OF MAIN LANES. DEVELOPER TO DESIGN MEDIANS AT FRONTAGE ROADS TO END OF RIGHT OF WAY (ROW).
3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.

SCALE = N.T.S

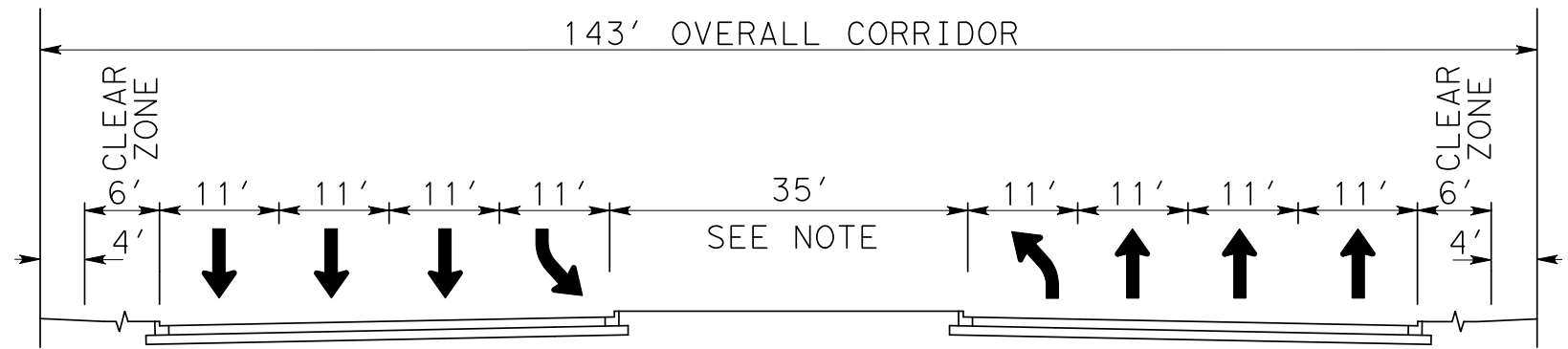
 <p>© 2012 Texas Department of Transportation</p>
<p>ATKINS</p> <p>1250 WOOD BRANCH PARK DRIVE SUITE 300 HOUSTON, TEXAS 77079 281-493-5100 T&E REG. #F-474</p>
<p>GRAND PARKWAY (SH 99) SEGMENT F-1 PROPOSED ULTIMATE CROSS STREET TYPICAL SECTIONS ATTACHMENT 11-2</p>

PRELIMINARY SUBJECT TO CHANGE



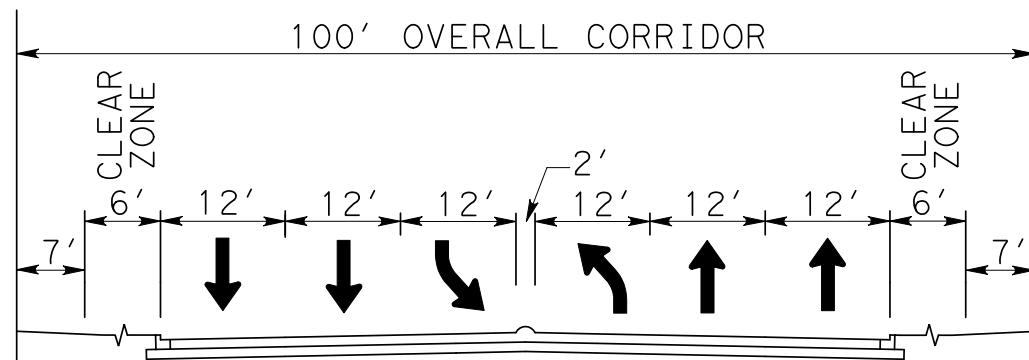
FUTURE BOUDREAUX RD. (STA. 3073+50)

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



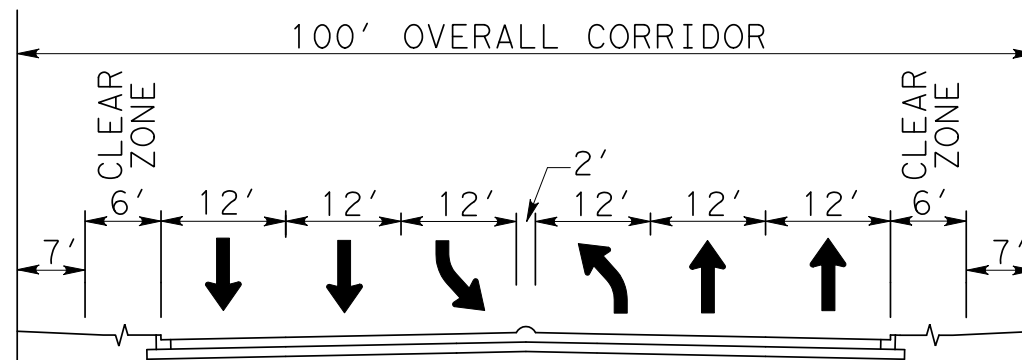
CHAMPIONS FOREST DR.

NOTE: 5' SIDEWALK INCLUDED WITHIN 6' CLEARZONE. ULTIMATE MEDIAN WIDTH NORTH AND SOUTH OF THE FRONTAGE ROADS WILL BE 2'.



GLEANNLOCH FOREST DR.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



HUFFSMITH-KOHRVILLE RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

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3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.

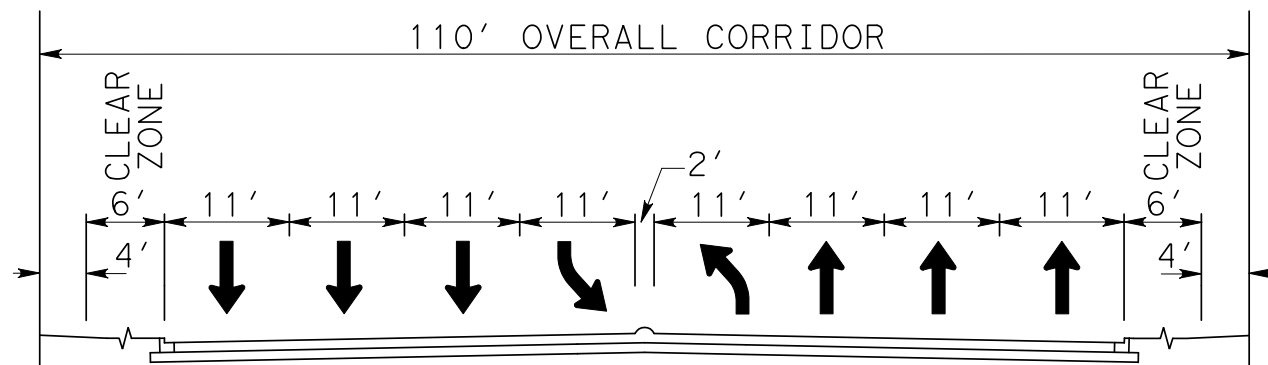
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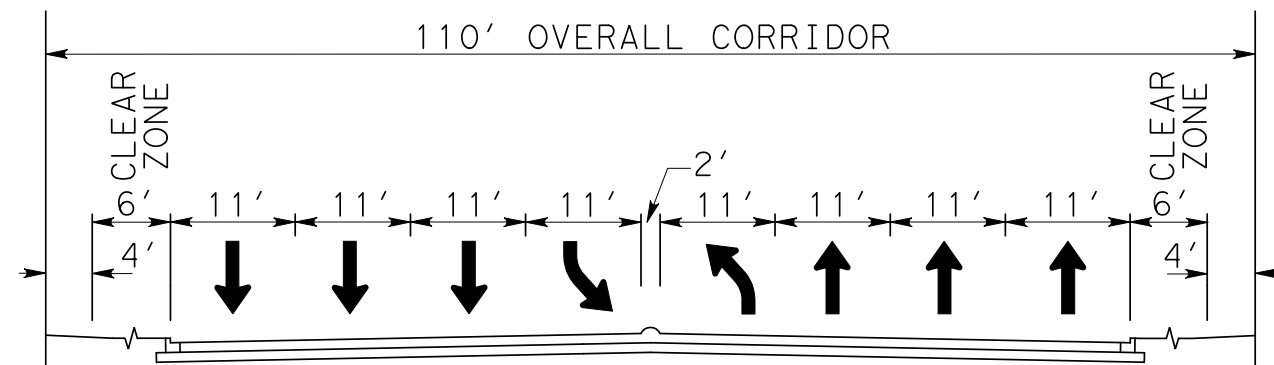
**GRAND PARKWAY (SH 99)
SEGMENT F-2
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE



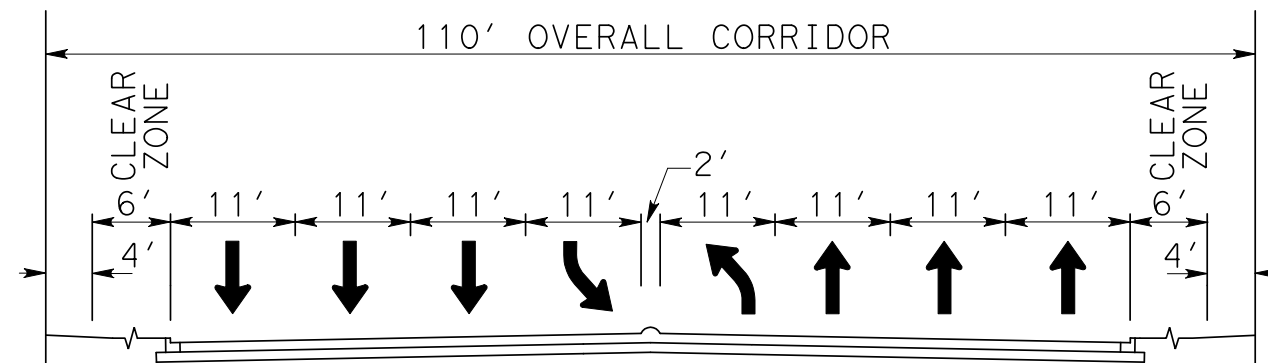
**BOUDREAUX RD. / FUTURE STUEBNER AIRLINE
(STA. 3305+00)**

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



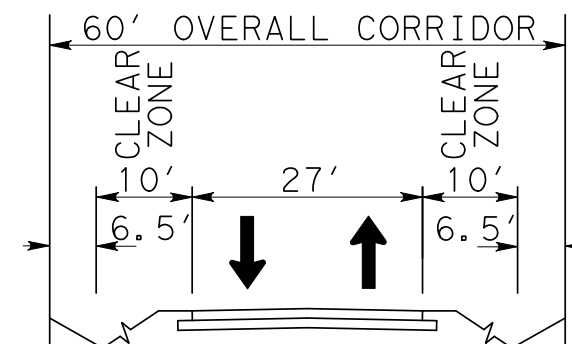
BOUDREAUX RD. (STA. 3387+00)

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



KUYKENDAHL RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



HILDEBRANDT RD.

GENERAL NOTES

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5. FM 2920 INITIAL SECTION ACCOMMODATES ULTIMATE PAVEMENT WIDTH AND WILL BE STRIPED FOR INITIAL NUMBER OF LANES SHOWN IN SCHEMATIC.

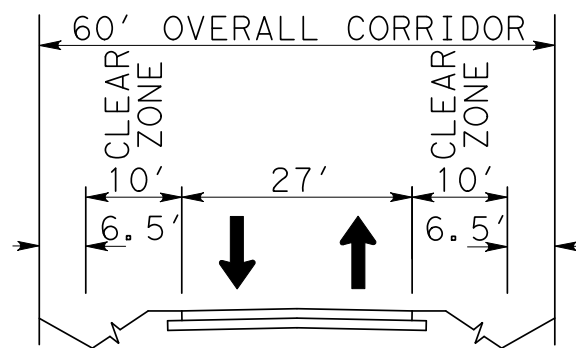
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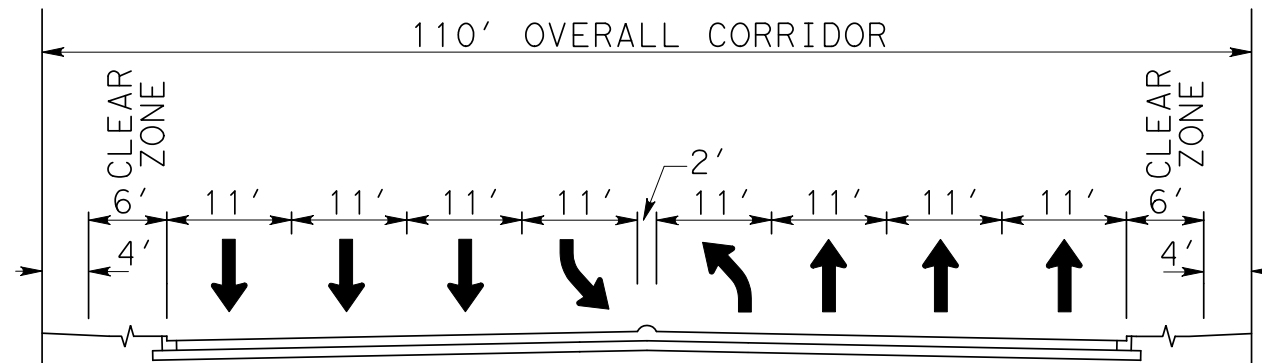
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**GRAND PARKWAY (SH 99)
SEGMENT F-2
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE

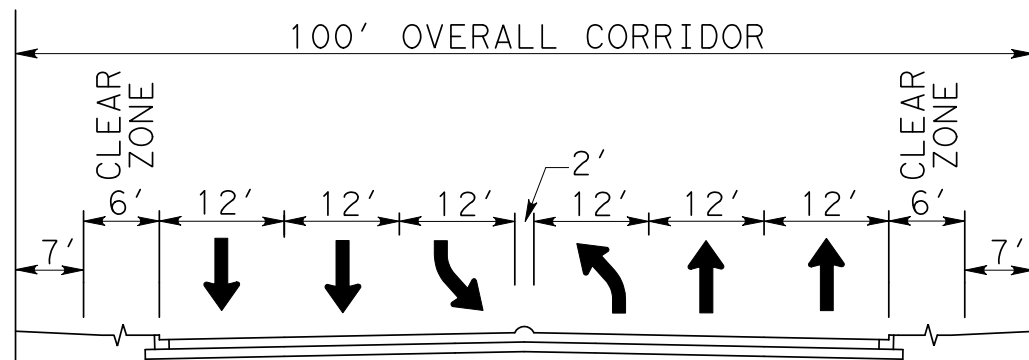


NORTHCREST DR.



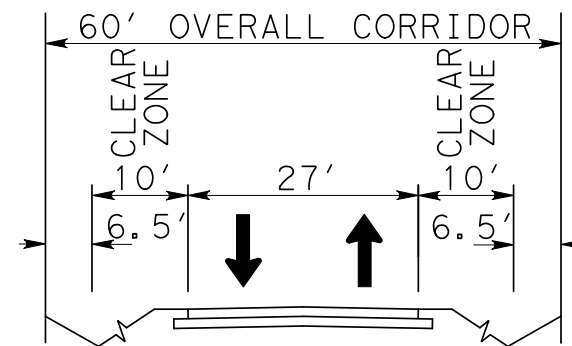
GOSLING RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



ROTHWOOD RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

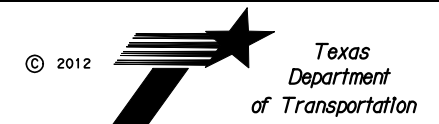


MOSSY OAKS RD.

GENERAL NOTES

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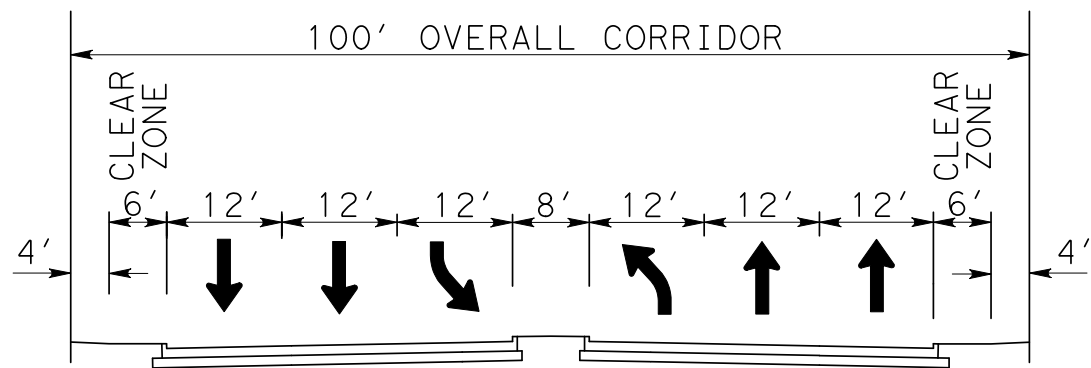
SCALE = N.T.S



ATKINS 1250 WOOD BRANCH PARK DRIVE
SUITE 300
HOUSTON, TEXAS 77079
281-493-5100
T&E REG. #F-474

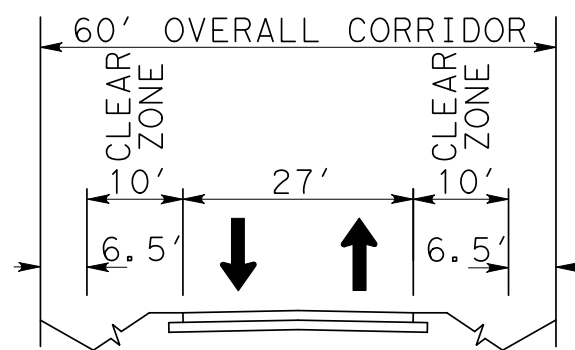
**GRAND PARKWAY (SH 99)
SEGMENT F-2
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE

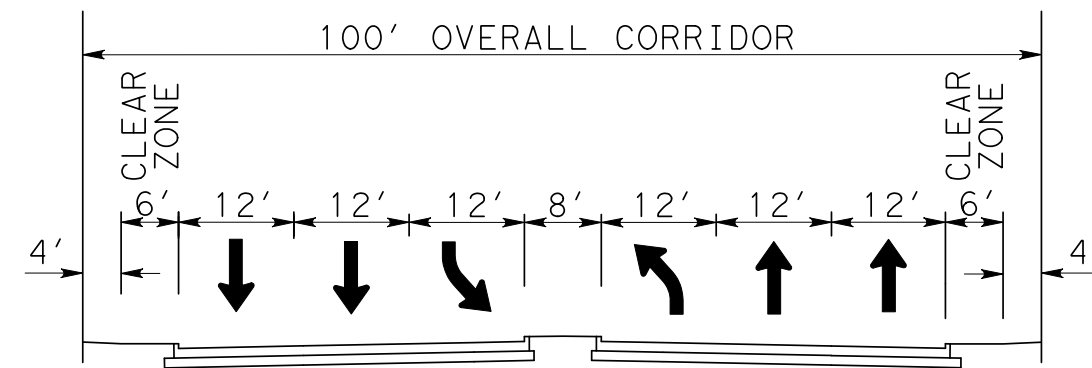


NORTHGATE CROSSING BLVD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB. 5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

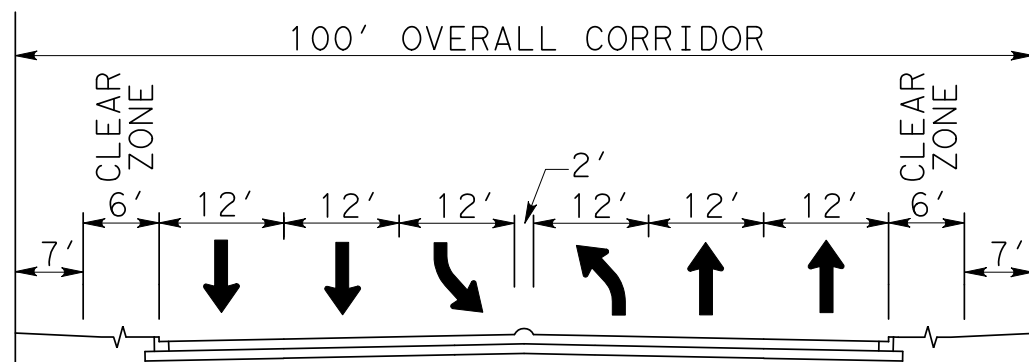


NELSON ST.



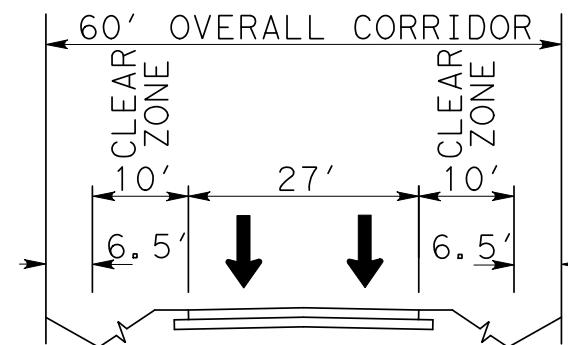
EAST HARDY ST.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB. 5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



SPRING CREEK TRAIL

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB. 5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



RILEY FUZZEL RD.

GENERAL NOTES

1. THE PURPOSE OF THESE TYPICAL SECTIONS IS TO SHOW CROSS STREET INFORMATION ONLY.
2. TYPICALS ARE AT CENTER LINE OF MAIN LANES. DEVELOPER TO DESIGN MEDIANS AT FRONTAGE ROADS TO END OF RIGHT OF WAY (ROW).
3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.

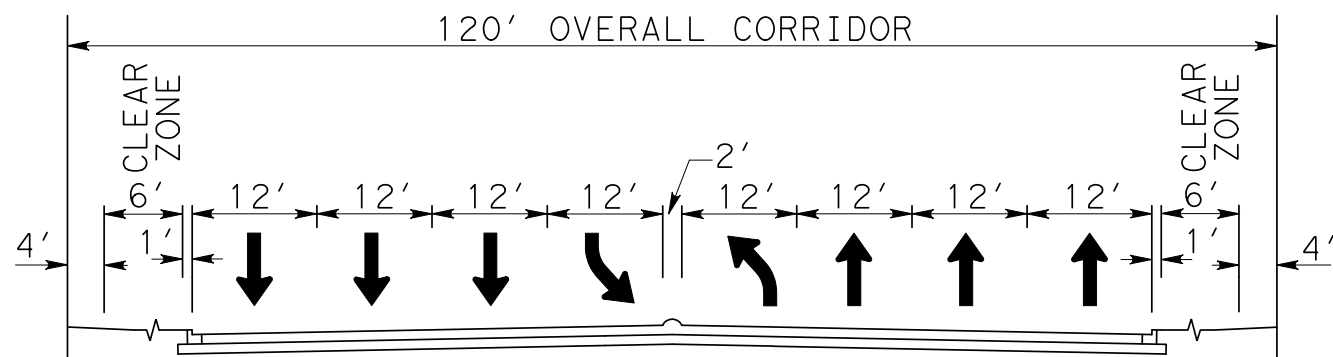
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ATKINS 1250 WOOD BRANCH PARK DRIVE
SUITE 300
HOUSTON, TEXAS 77079
281-493-5100
T&E REG. #F-474

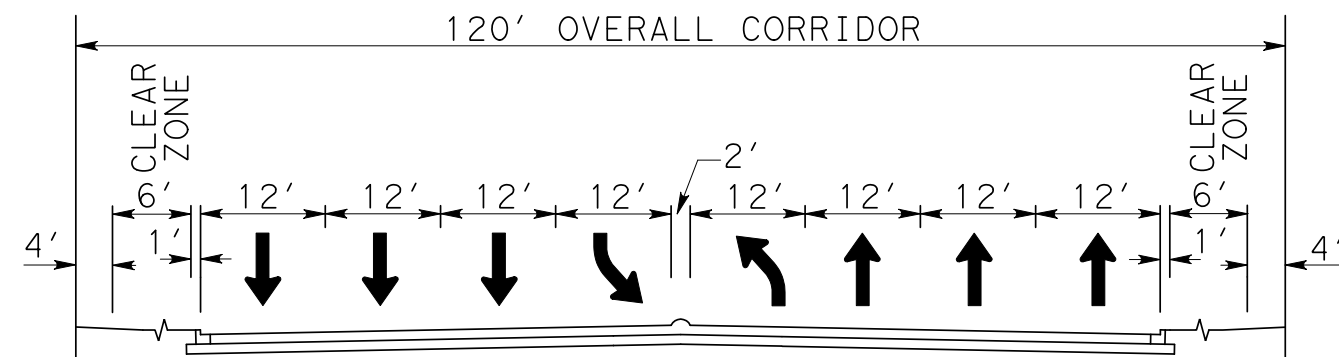
**GRAND PARKWAY (SH 99)
SEGMENT G
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE



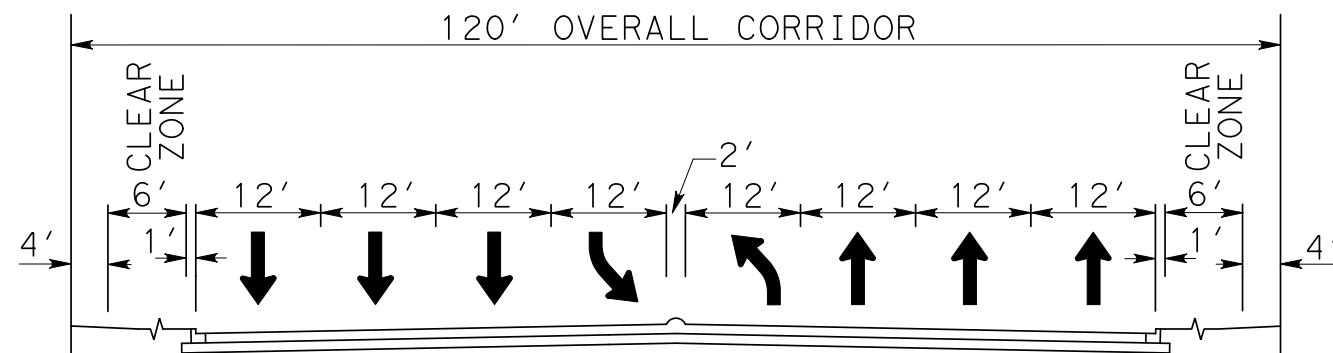
FUTURE RAYFORD RD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



BIRNHAM WOODS DR.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



FUTURE TOWNSEN BLVD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

GENERAL NOTES

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3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.

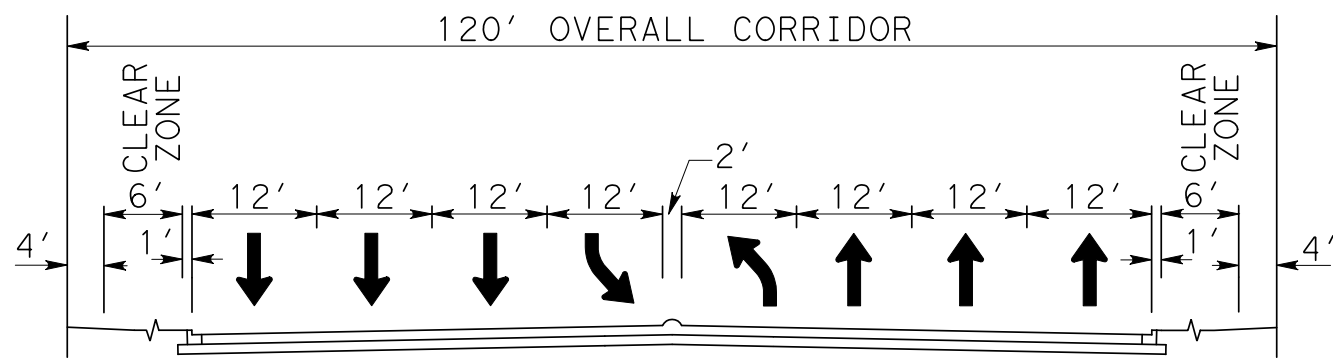
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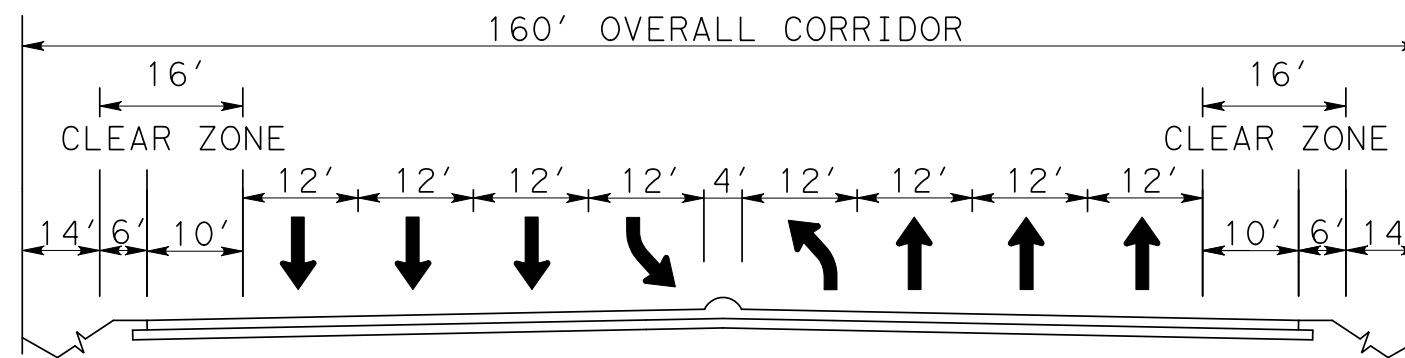
ATKINS 1250 WOOD BRANCH PARK DRIVE
SUITE 300
HOUSTON, TEXAS 77079
281-493-5100
T&E REG. #F-474

**GRAND PARKWAY (SH 99)
SEGMENT G
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE

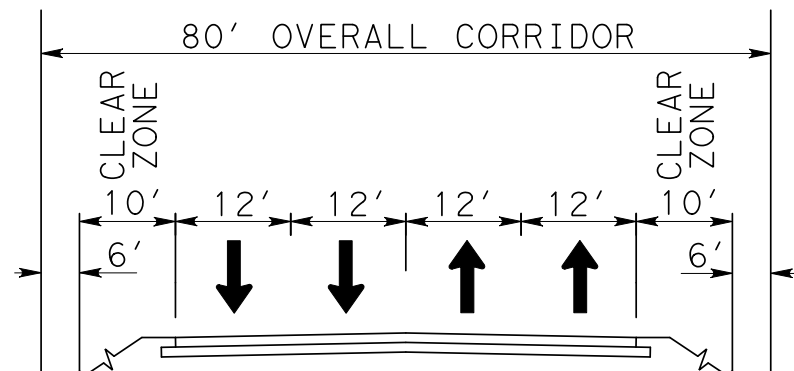


FUTURE RIVERWALK DR.

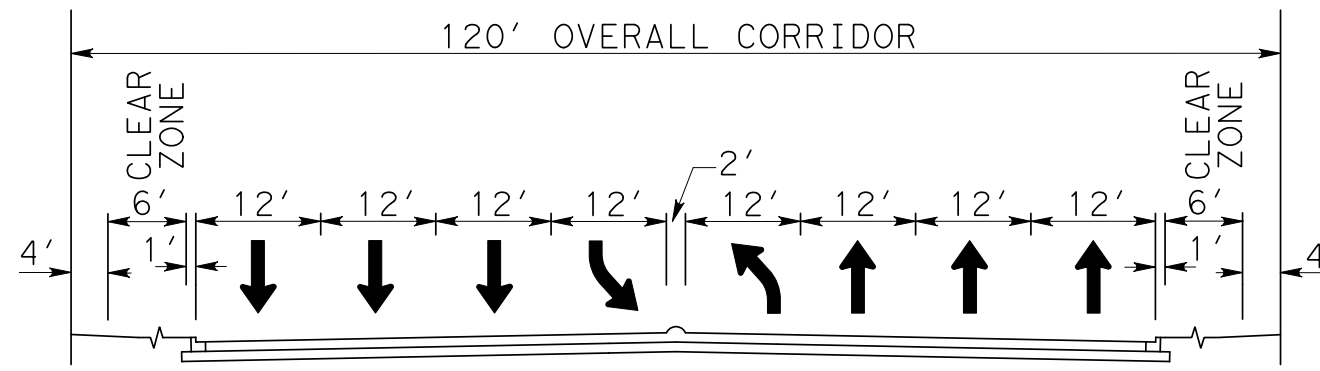


FM 1314

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.



FUTURE RD. (STA 4267+00)

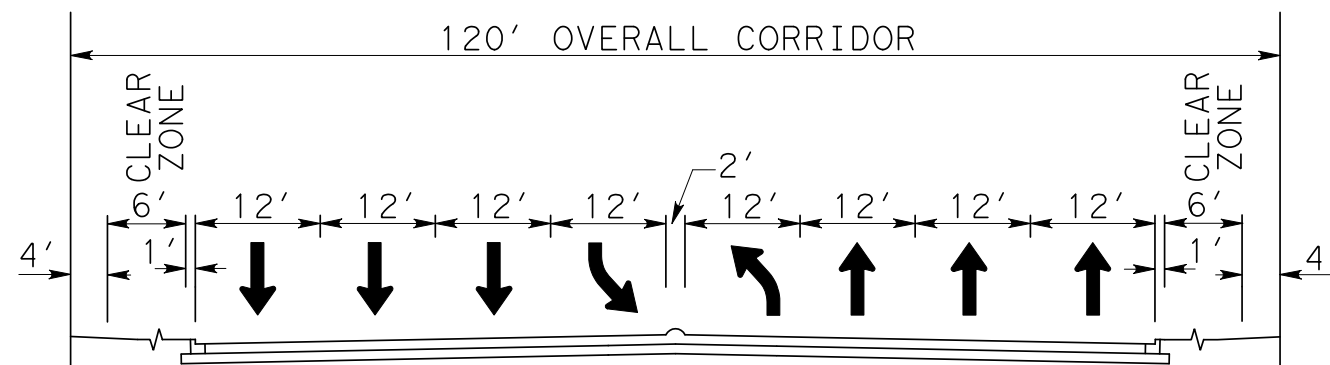


VALLEY RANCH BLVD.

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

GENERAL NOTES

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2. TYPICALS ARE AT CENTER LINE OF MAIN LANES. DEVELOPER TO DESIGN MEDIANS AT FRONTAGE ROADS TO END OF RIGHT OF WAY (ROW).
3. ULTIMATE TYPICALS REPRESENT FUTURE WIDENINGS.
4. THE "OVERALL CORRIDOR" ACCOMMODATES THE ULTIMATE TYPICAL SECTION AND AN ADJACENT, PARALLEL CORRIDOR FOR UTILITIES. THE GRAND PARKWAY OVERPASS IS TO ACCOMMODATE THE "OVERALL CORRIDOR" AT EACH CROSS-STREET.



FUTURE RD. (STA 4395+00)

NOTE: MINIMUM 2' MEDIAN REPRESENTS MOUNTABLE OR BARRIER CURB.
5' SIDEWALK INCLUDED WITHIN 6' CLEAR ZONE.

SCALE = N.T.S



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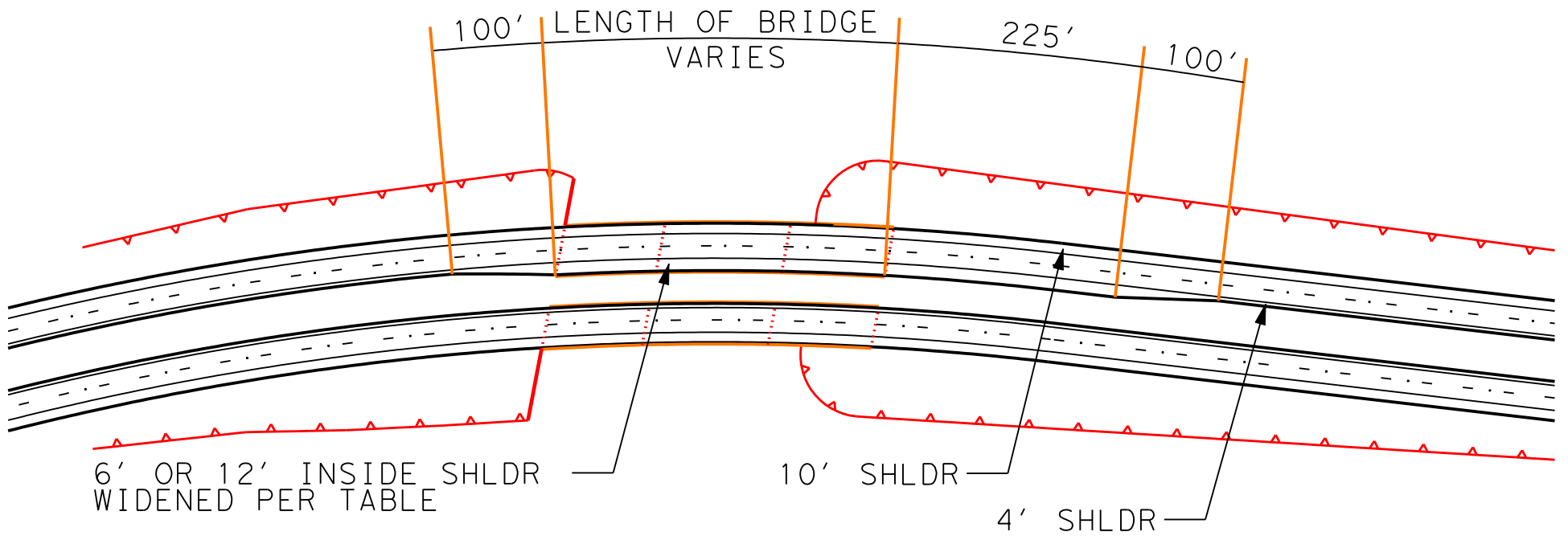
**GRAND PARKWAY (SH 99)
SEGMENT G
PROPOSED ULTIMATE CROSS STREET
TYPICAL SECTIONS
ATTACHMENT 11-2**

PRELIMINARY SUBJECT TO CHANGE

**Texas Department of Transportation
Book 2 – Technical Provisions**

Grand Parkway Project

**Attachment 11-3
Proposed Shoulder Widening Detail**



SCALE = N. T. S



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 TBPE REG. #F-474

GRAND PARKWAY (SH99)

**PROPOSED SHOULDER WIDENING
 FOR SSD
 ATTACHMENT 11-3**

PRELIMINARY SUBJECT TO CHANGE