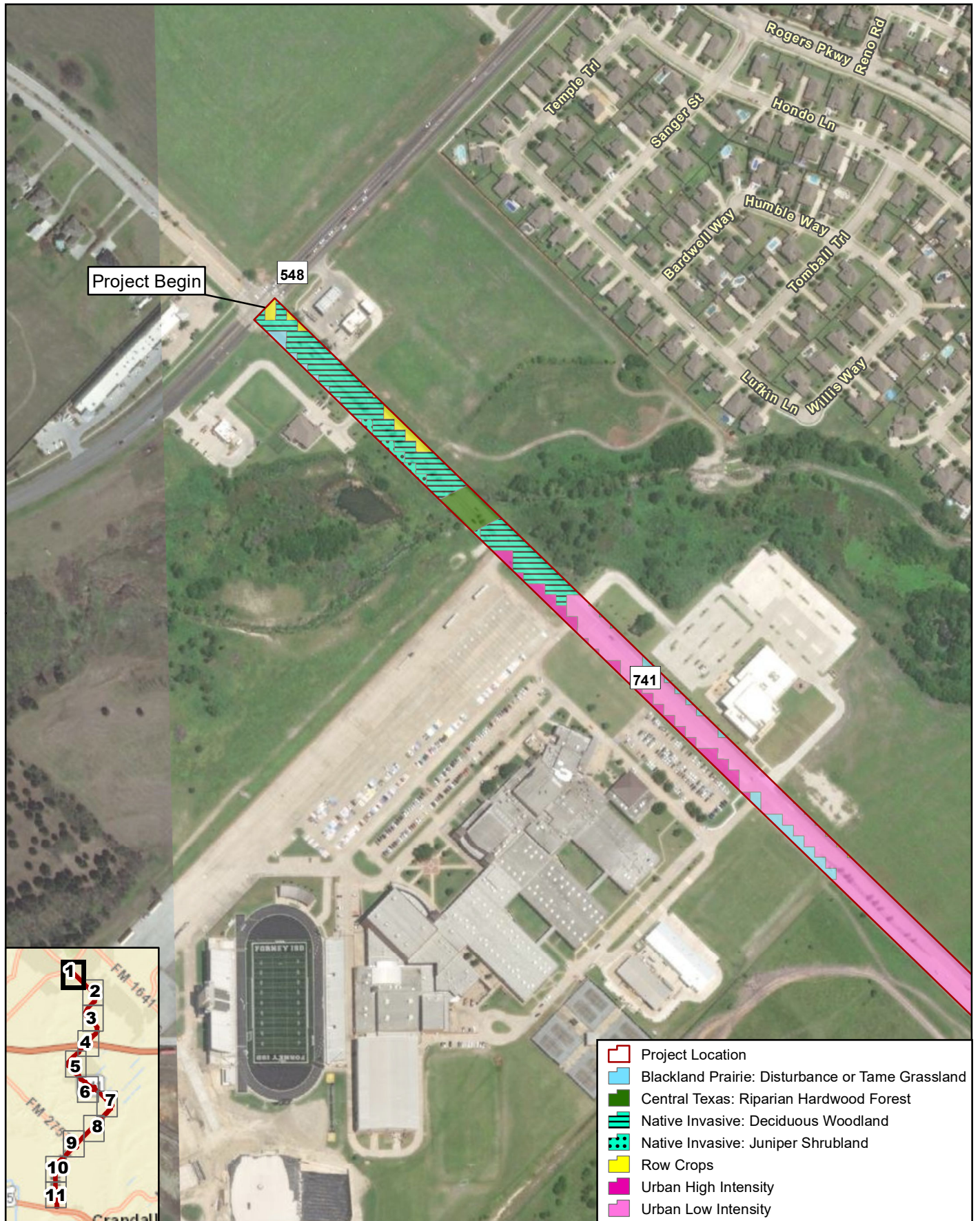




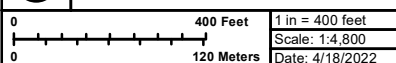
EMST Mapped Vegetation Types Sheet 1 of 11

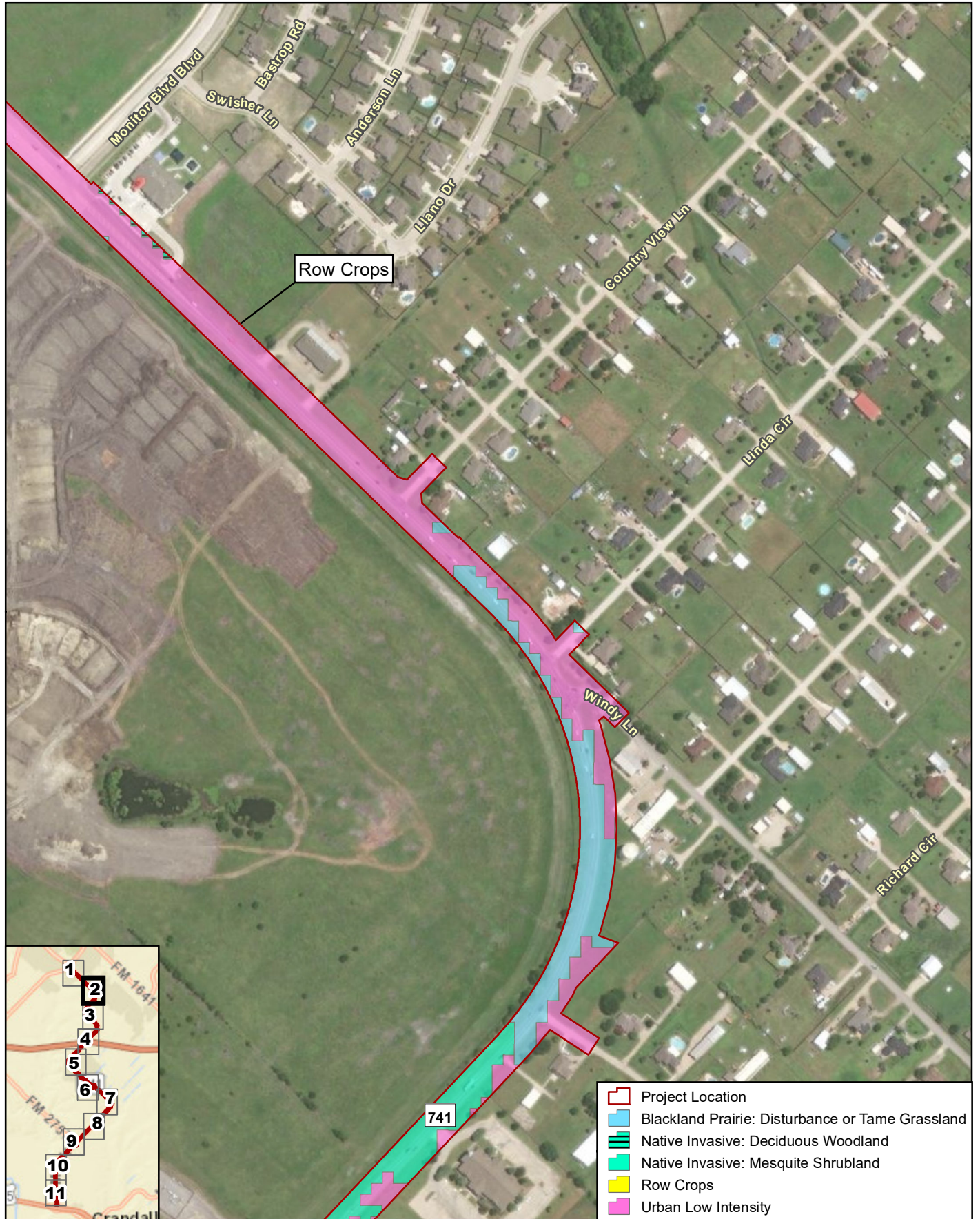
FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021



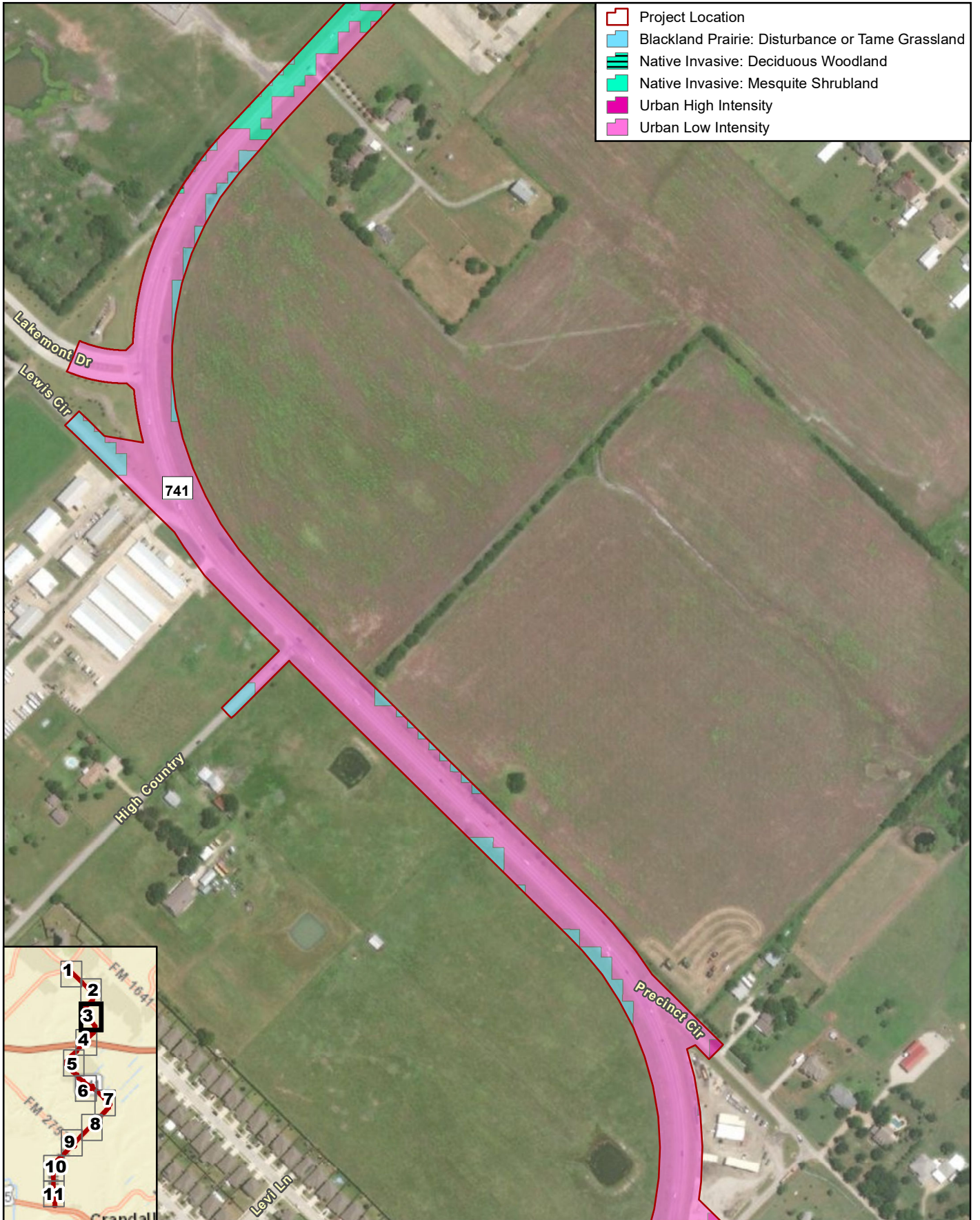


EMST Mapped Vegetation Types **Sheet 2 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
0 400 Feet 1 in = 400 feet		Scale: 1:4,800	
0 120 Meters		Date: 4/18/2022	



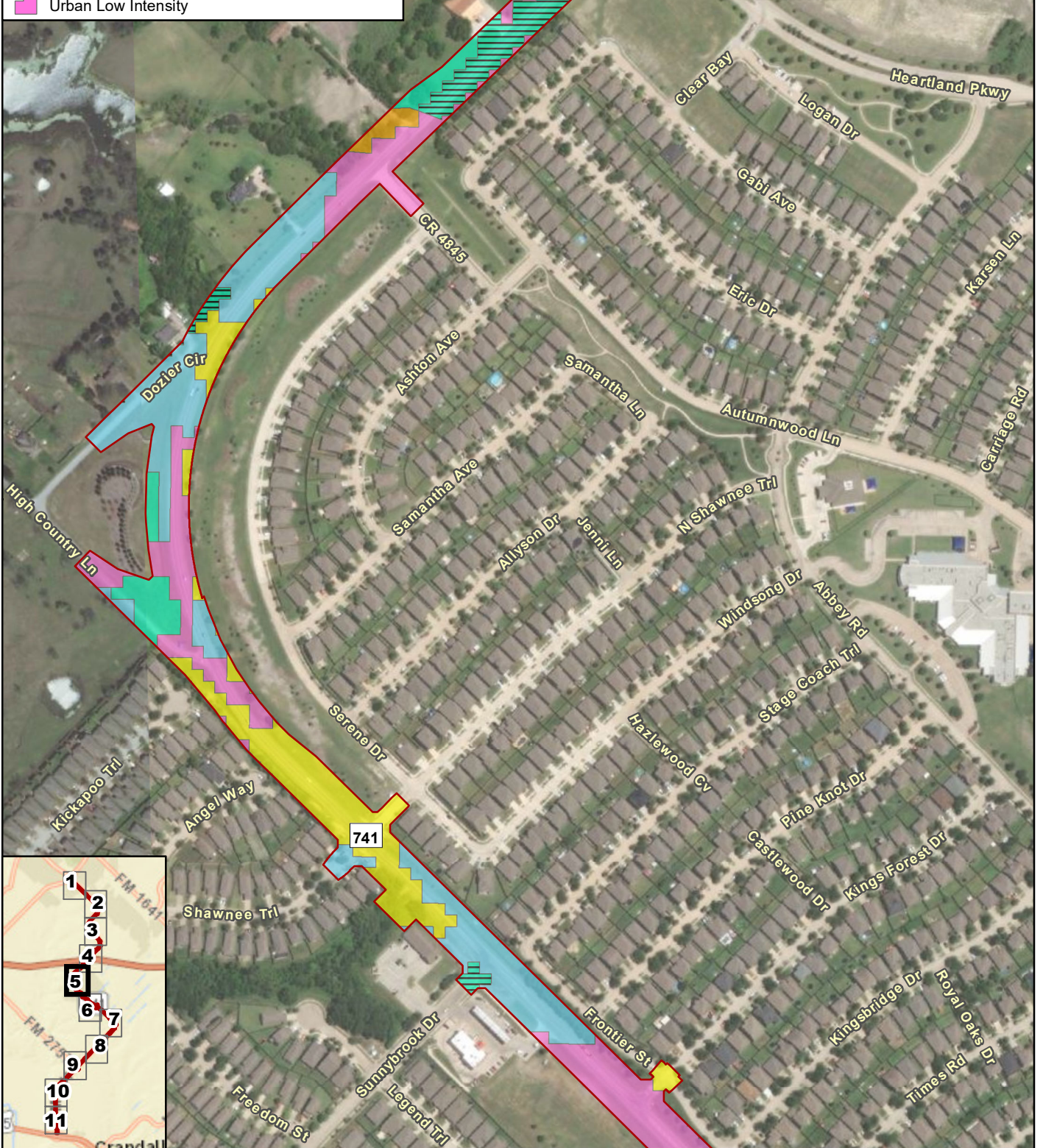
EMST Mapped Vegetation Types **Sheet 3 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

	CSJ: 1092-01-021	
	0 400 Feet 0 120 Meters	1 in = 400 feet Scale: 1:4,800 Date: 4/18/2022

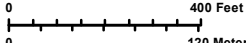
-  Project Location
-  Blackland Prairie: Disturbance or Tame Grassland
-  Central Texas: Riparian Deciduous Shrubland
-  Native Invasive: Deciduous Woodland
-  Native Invasive: Mesquite Shrubland
-  Row Crops
-  Urban Low Intensity

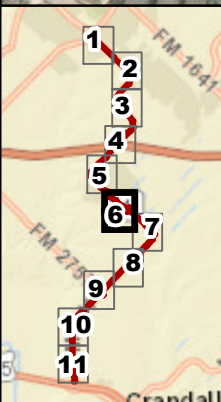


EMST Mapped Vegetation Types
Sheet 5 of 11

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
 Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
		1 in = 400 feet Scale: 1:4,800 Date: 4/18/2022	



EMST Mapped Vegetation Types Sheet 6 of 11

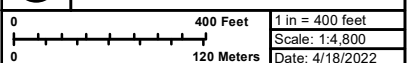
FM 741

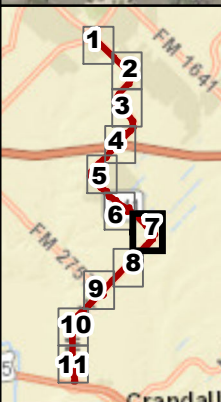
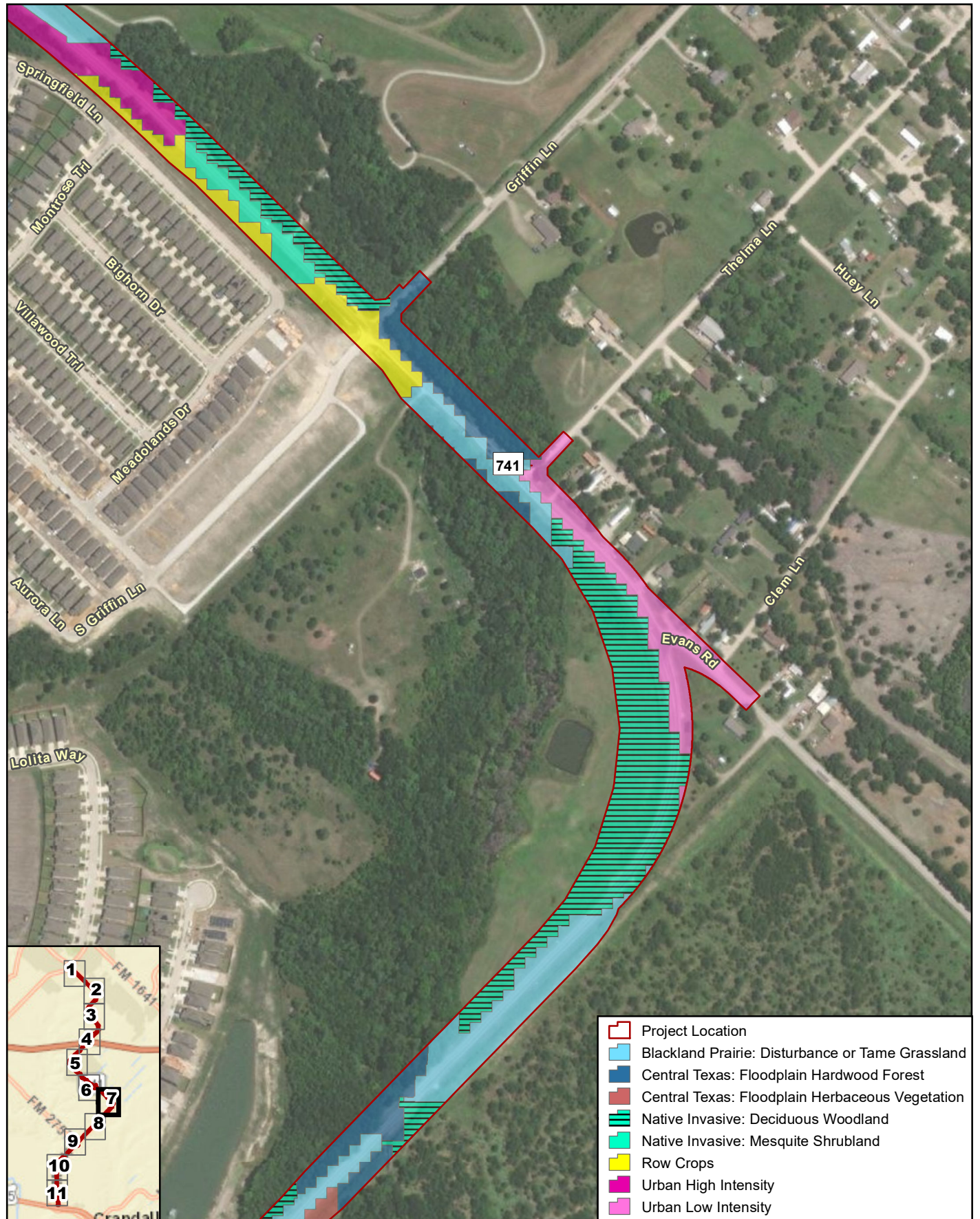
G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_EMST_20220406_LG.mxd

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021





EMST Mapped Vegetation Types **Sheet 7 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
		1 in = 400 feet Scale: 1:4,800	
		Date: 4/18/2022	

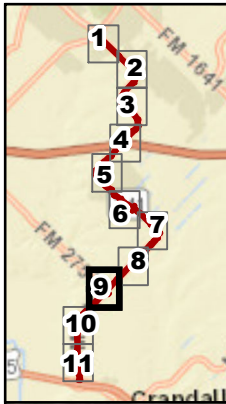


EMST Mapped Vegetation Types **Sheet 8 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

	CSJ: 1092-01-021	
	0 400 Feet 0 120 Meters	1 in = 400 feet Scale: 1:4,800 Date: 4/18/2022



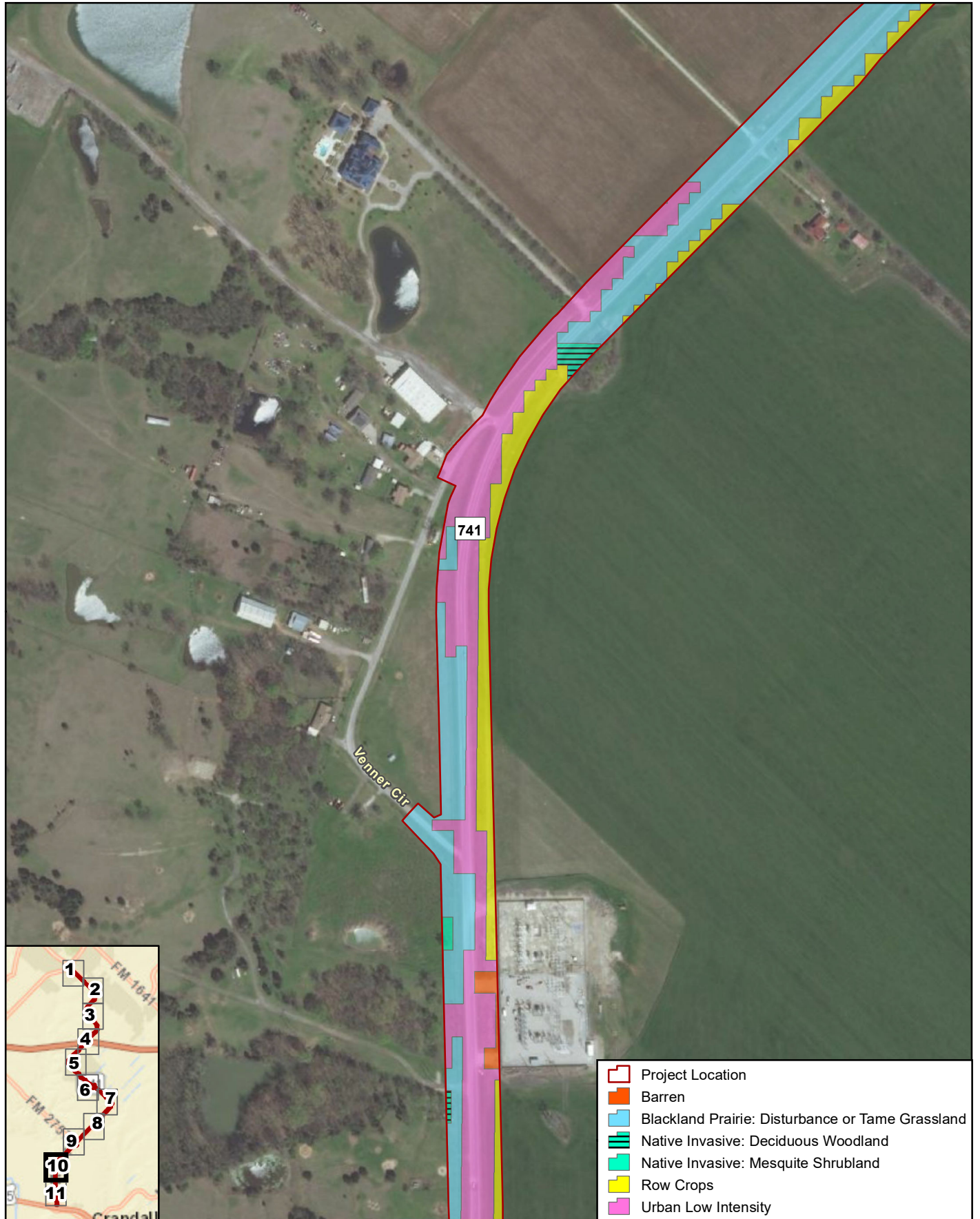
- Project Location
- Blackland Prairie: Disturbance or Tame Grassland
- Central Texas: Riparian Hardwood Forest
- Central Texas: Riparian Herbaceous Vegetation
- Native Invasive: Deciduous Woodland
- Native Invasive: Mesquite Shrubland
- Row Crops
- Urban Low Intensity

EMST Mapped Vegetation Types
Sheet 9 of 11

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
 Aerial Source: Maxar (2021)

	CSJ: 1092-01-021	
	0 400 Feet 1 in = 400 feet	Scale: 1:4,800
0 120 Meters	Date: 4/18/2022	

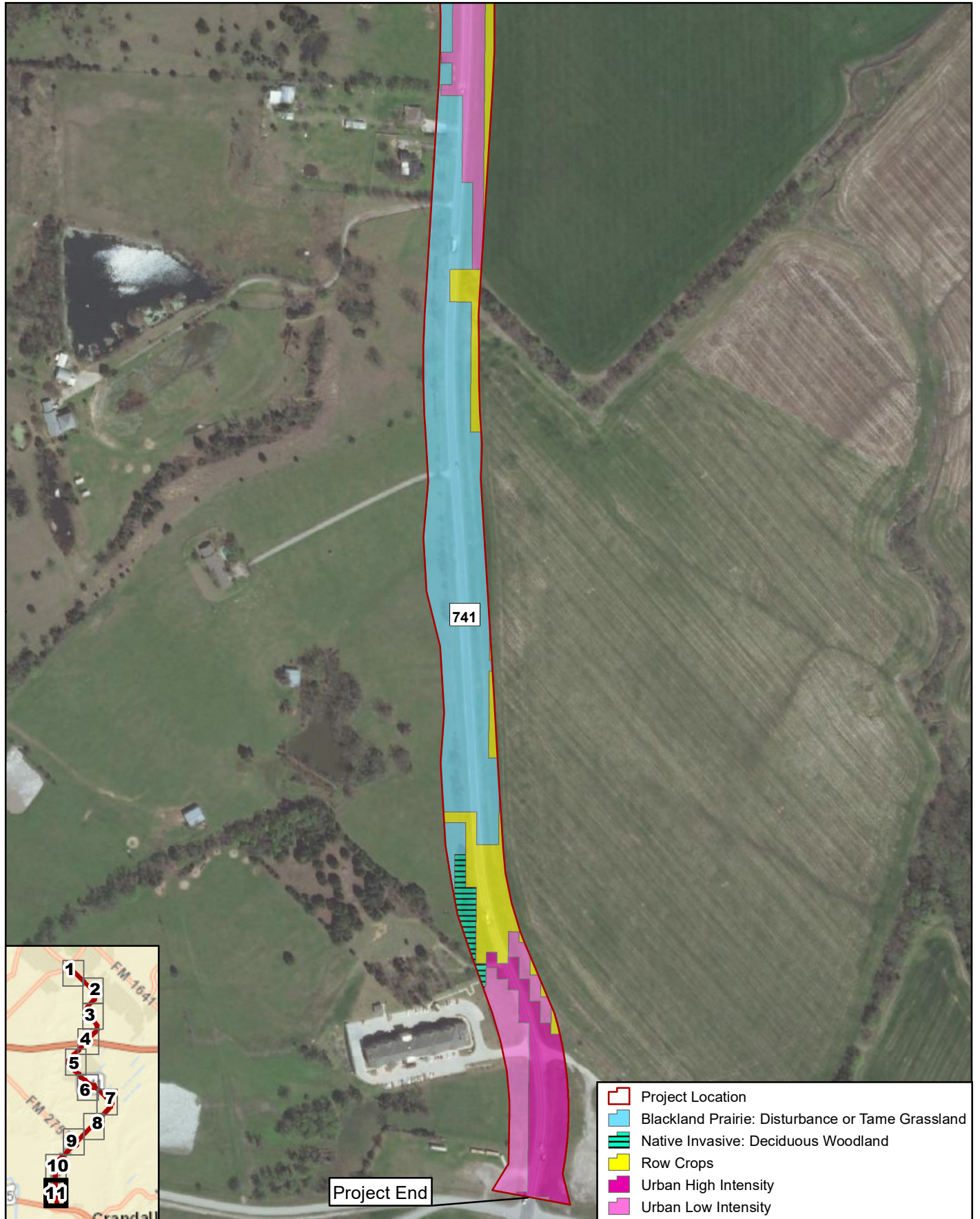


EMST Mapped Vegetation Types **Sheet 10 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
		1 in = 400 feet	
		Scale: 1:4,800	
		Date: 4/18/2022	



EMST Mapped Vegetation Types **Sheet 11 of 11**

FM 741

Data Source: TxDOT/TPWD EMST/MoRAP (2013)
Aerial Source: Maxar (2021)

	CSJ: 1092-01-021	
	0 400 Feet 0 120 Meters	1 in = 400 feet Scale: 1:4,800 Date: 4/18/2022



EMST Observed Vegetation Types Sheet 1 of 11

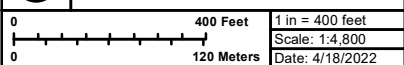
FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021





EMST Observed Vegetation Types
Sheet 2 of 11

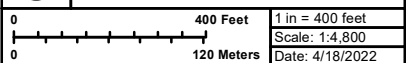
FM 741

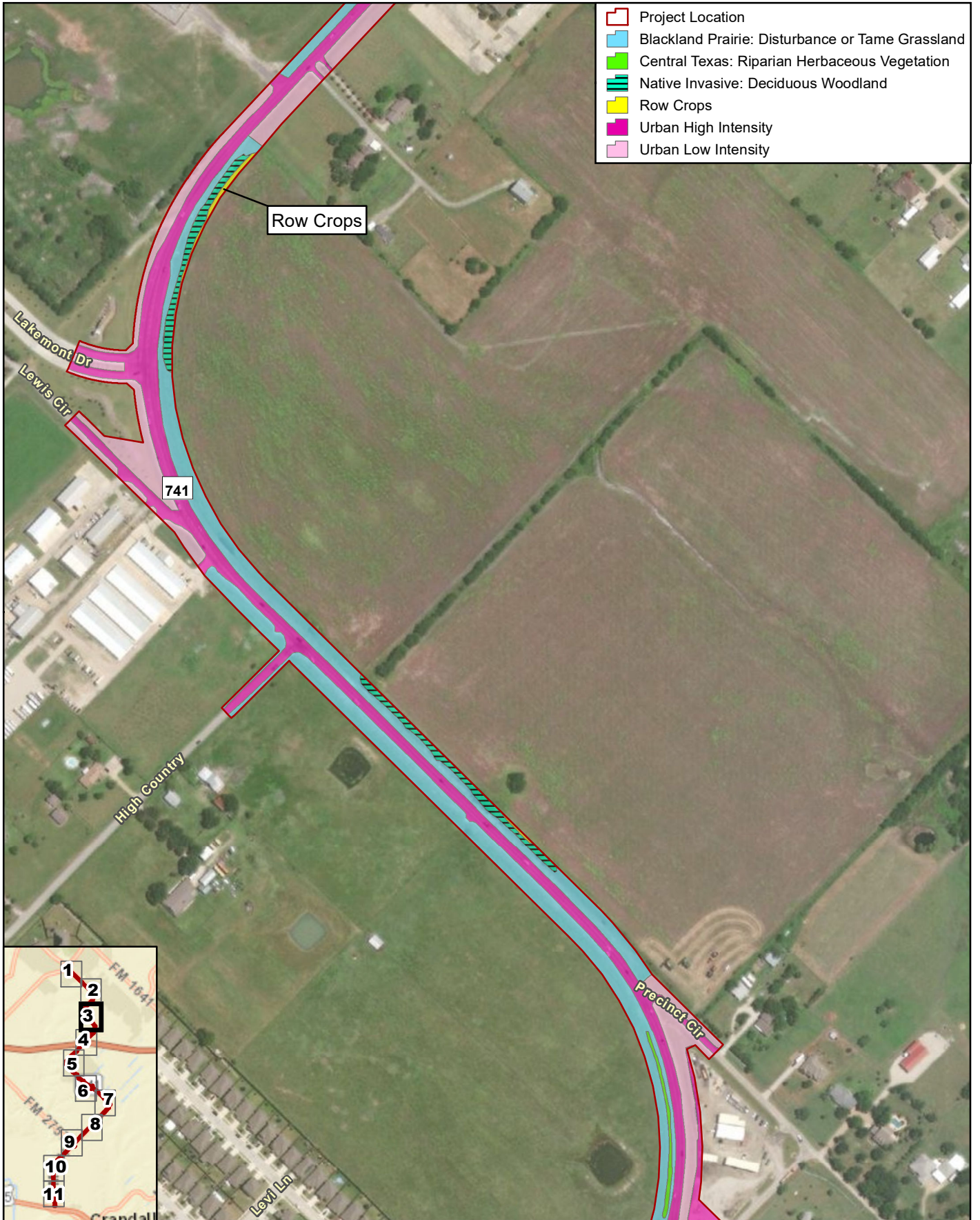
G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021





- Project Location
- Blackland Prairie: Disturbance or Tame Grassland
- Central Texas: Riparian Herbaceous Vegetation
- Native Invasive: Deciduous Woodland
- Row Crops
- Urban High Intensity
- Urban Low Intensity

EMST Observed Vegetation Types
Sheet 3 of 11

FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
 Aerial Source: Maxar (2021)

	CSJ: 1092-01-021	
1 in = 400 feet Scale: 1:4,800 Date: 4/18/2022		



EMST Observed Vegetation Types **Sheet 4 of 11**

FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

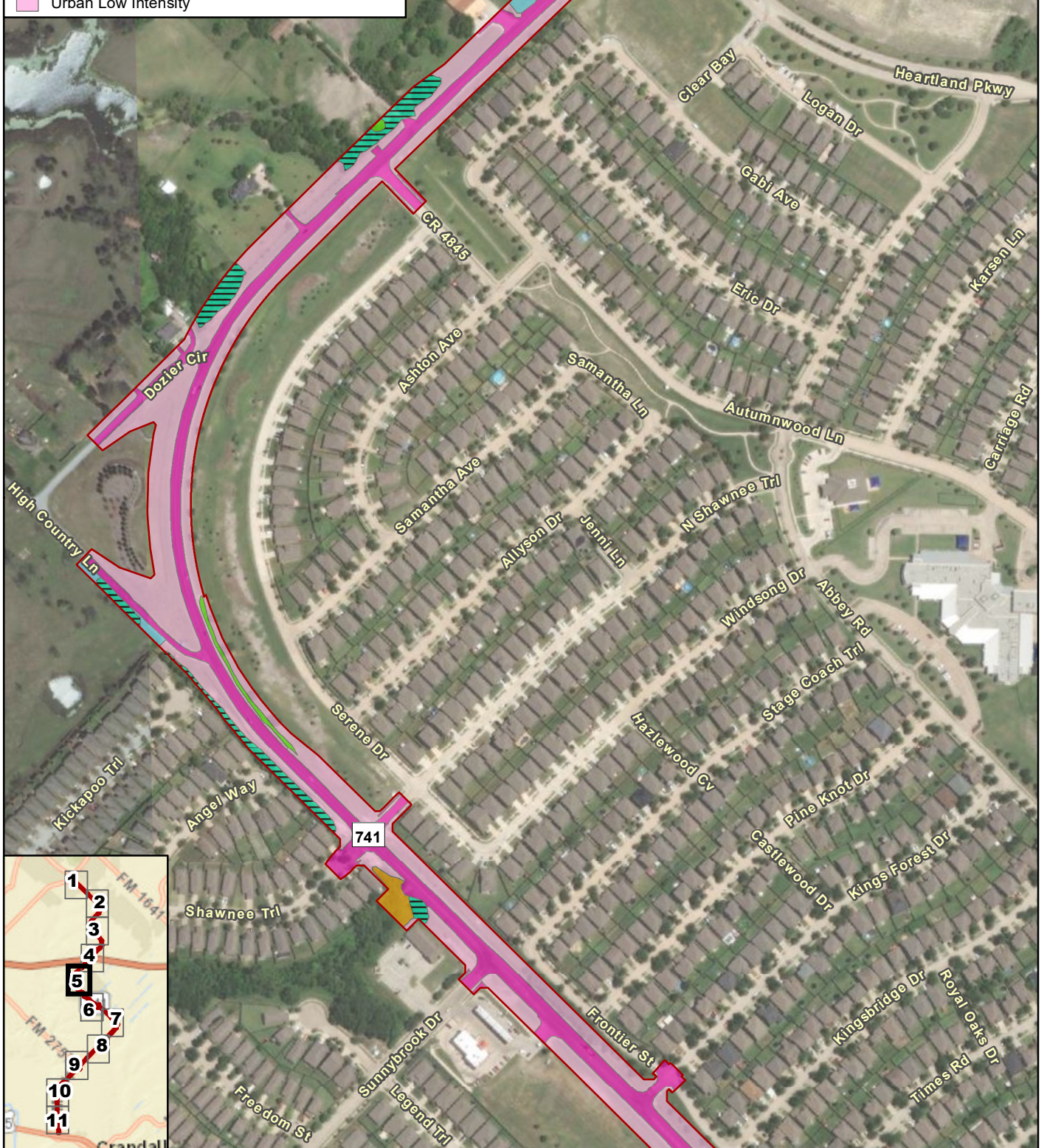
Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021

0 400 Feet 1 in = 400 feet
0 120 Meters Scale: 1:4,800
Date: 4/18/2022

-  Project Location
-  Blackland Prairie: Disturbance or Tame Grassland
-  Central Texas: Riparian Deciduous Shrubland
-  Central Texas: Riparian Herbaceous Vegetation
-  Native Invasive: Deciduous Woodland
-  Urban High Intensity
-  Urban Low Intensity



EMST Observed Vegetation Types Sheet 5 of 11

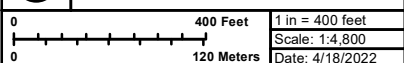
FM 741

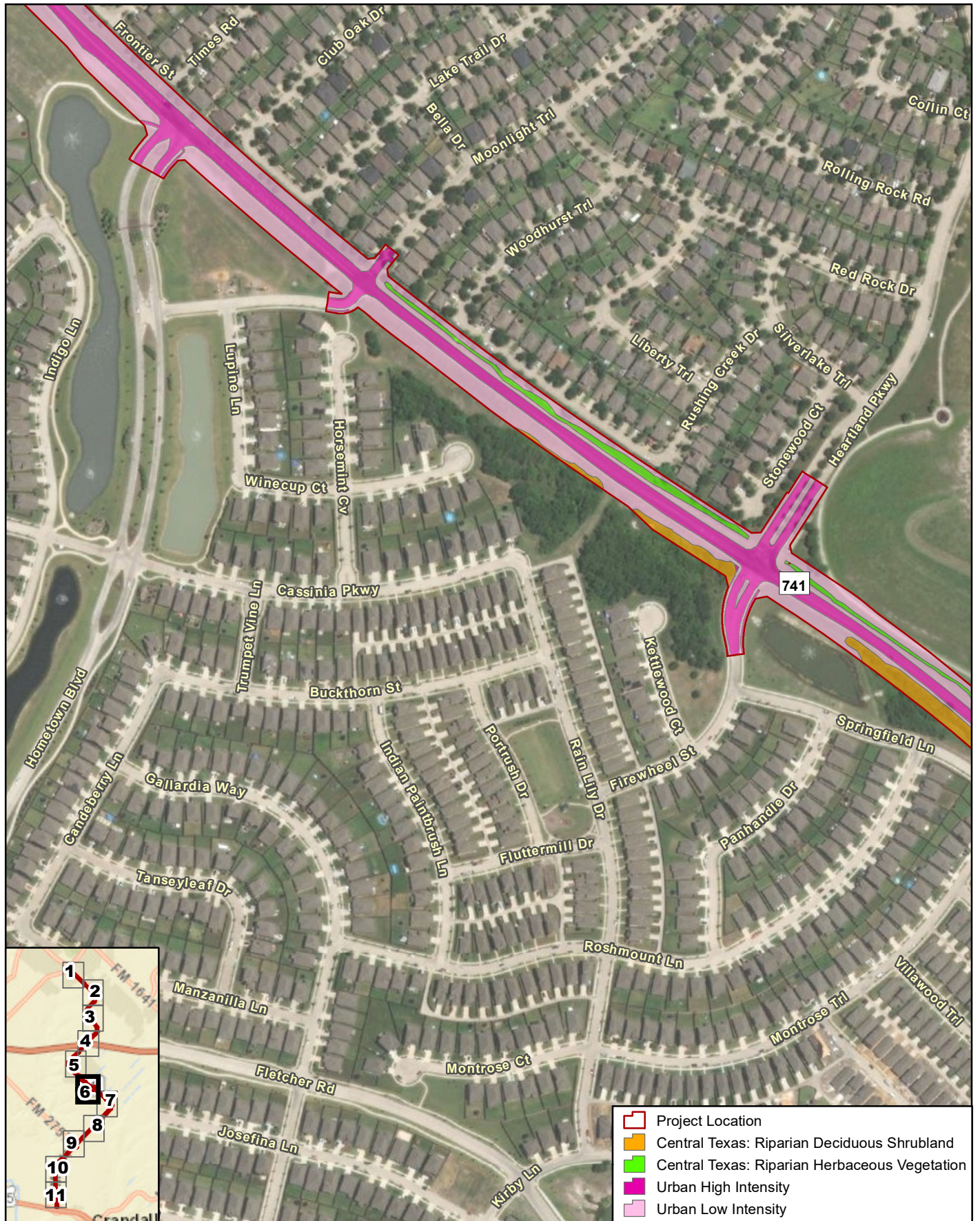
G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021





EMST Observed Vegetation Types **Sheet 6 of 11**

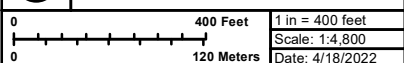
FM 741

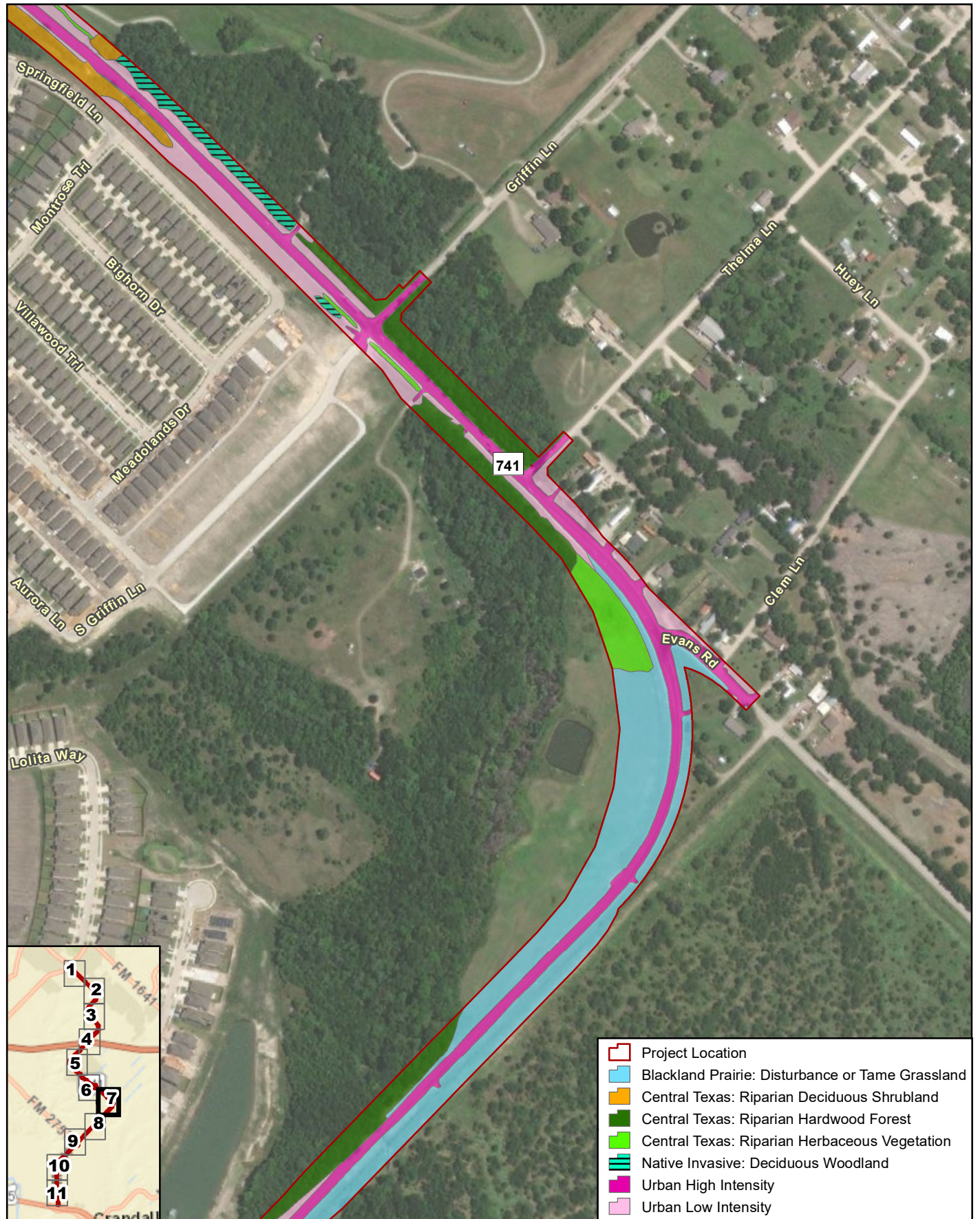
G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021





EMST Observed Vegetation Types **Sheet 7 of 11**

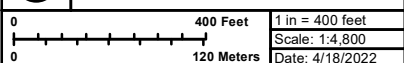
FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

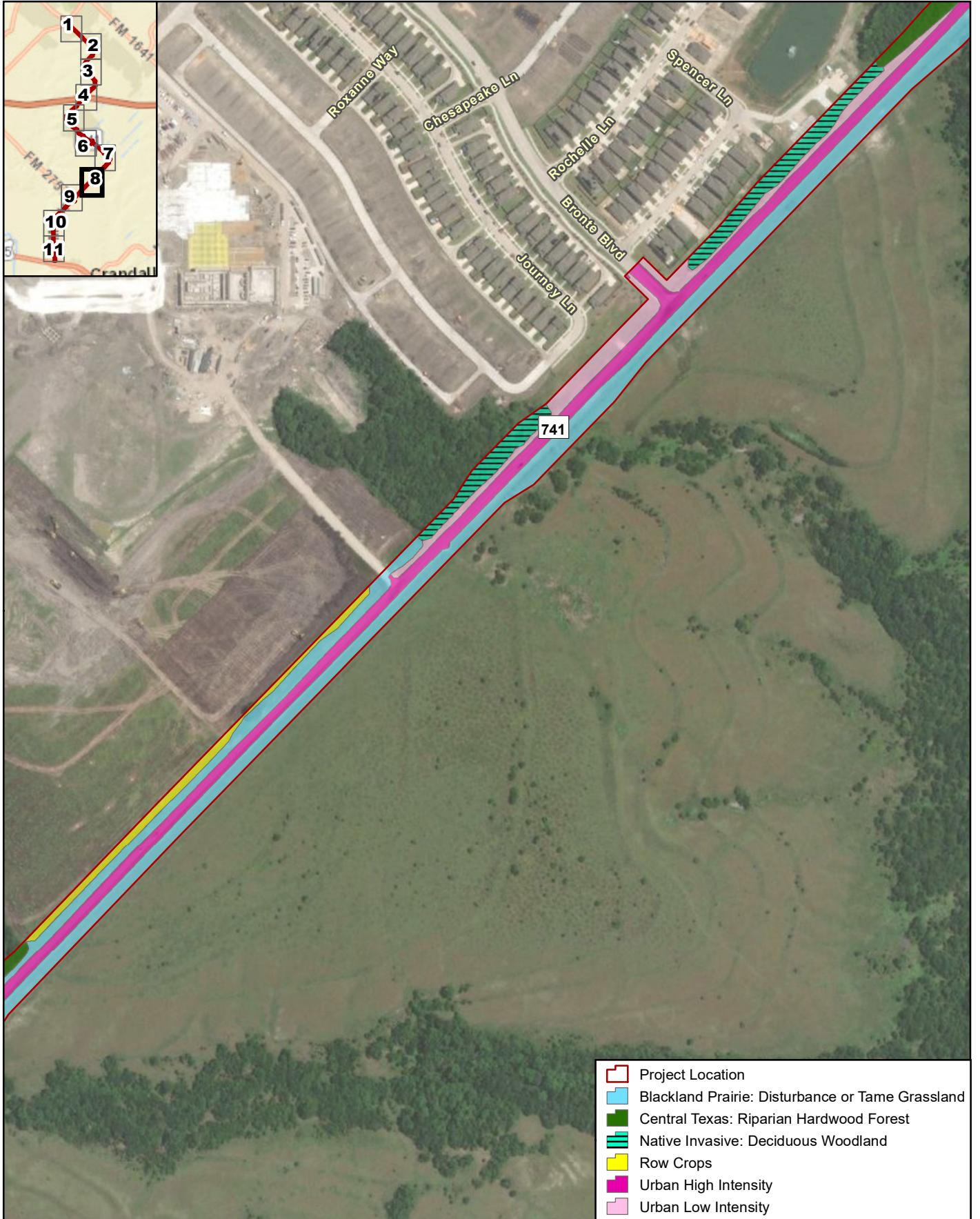
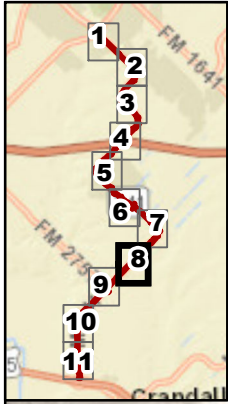
Data Source: Stantec (2022)
Aerial Source: Maxar (2021)



CSJ: 1092-01-021



Date: 4/18/2022



-  Project Location
-  Blackland Prairie: Disturbance or Tame Grassland
-  Central Texas: Riparian Hardwood Forest
-  Native Invasive: Deciduous Woodland
-  Row Crops
-  Urban High Intensity
-  Urban Low Intensity

EMST Observed Vegetation Types
Sheet 8 of 11

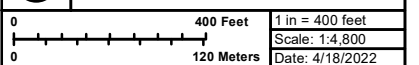
FM 741

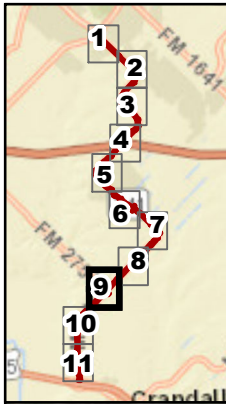
G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
 Aerial Source: Maxar (2021)



CSJ: 1092-01-021





- Project Location
- Blackland Prairie: Disturbance or Tame Grassland
- Central Texas: Riparian Hardwood Forest
- Native Invasive: Deciduous Woodland
- Row Crops
- Urban High Intensity
- Urban Low Intensity

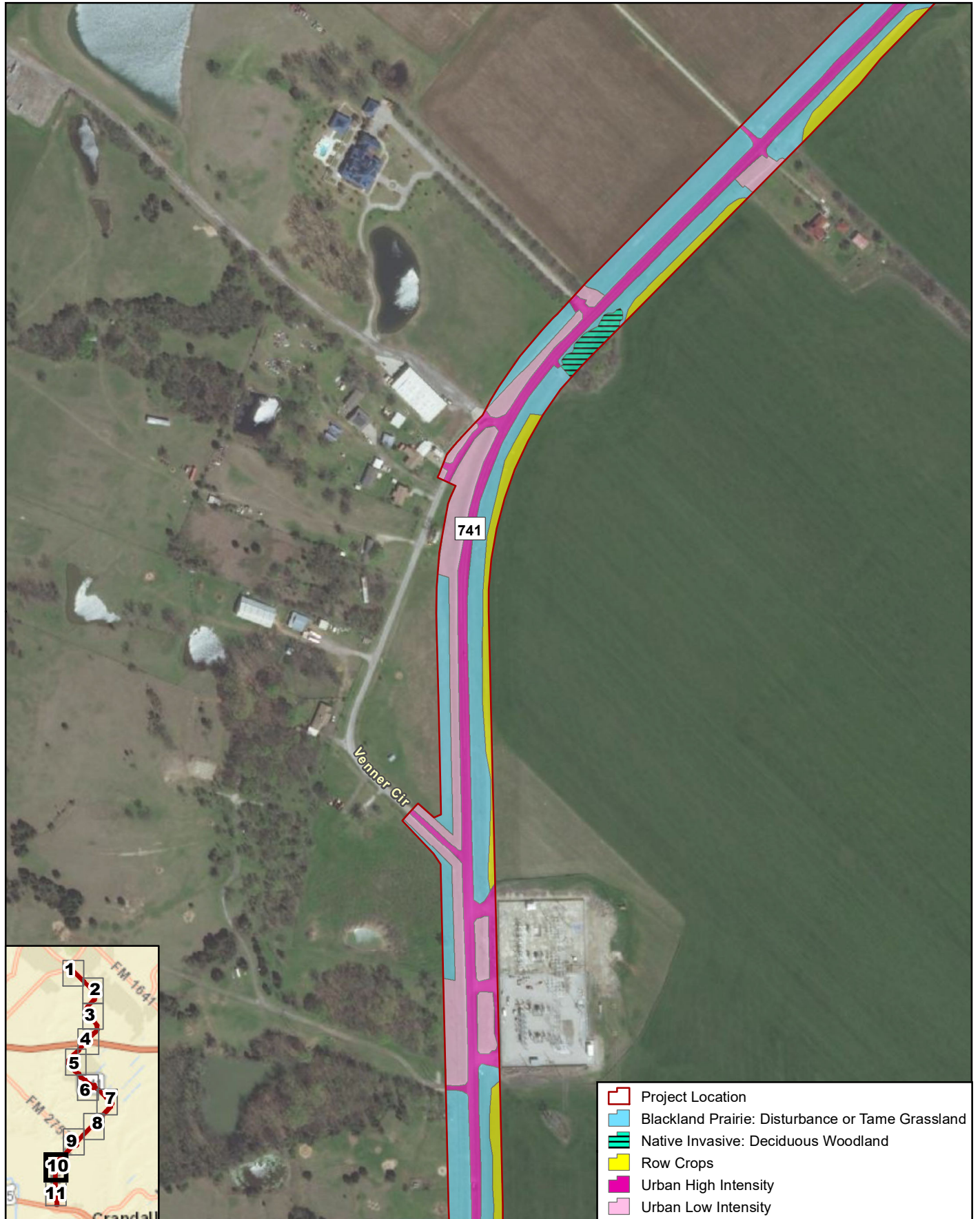
EMST Observed Vegetation Types Sheet 9 of 11

FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
0	400 Feet	1 in = 400 feet	
0	120 Meters	Scale: 1:4,800	Date: 4/18/2022

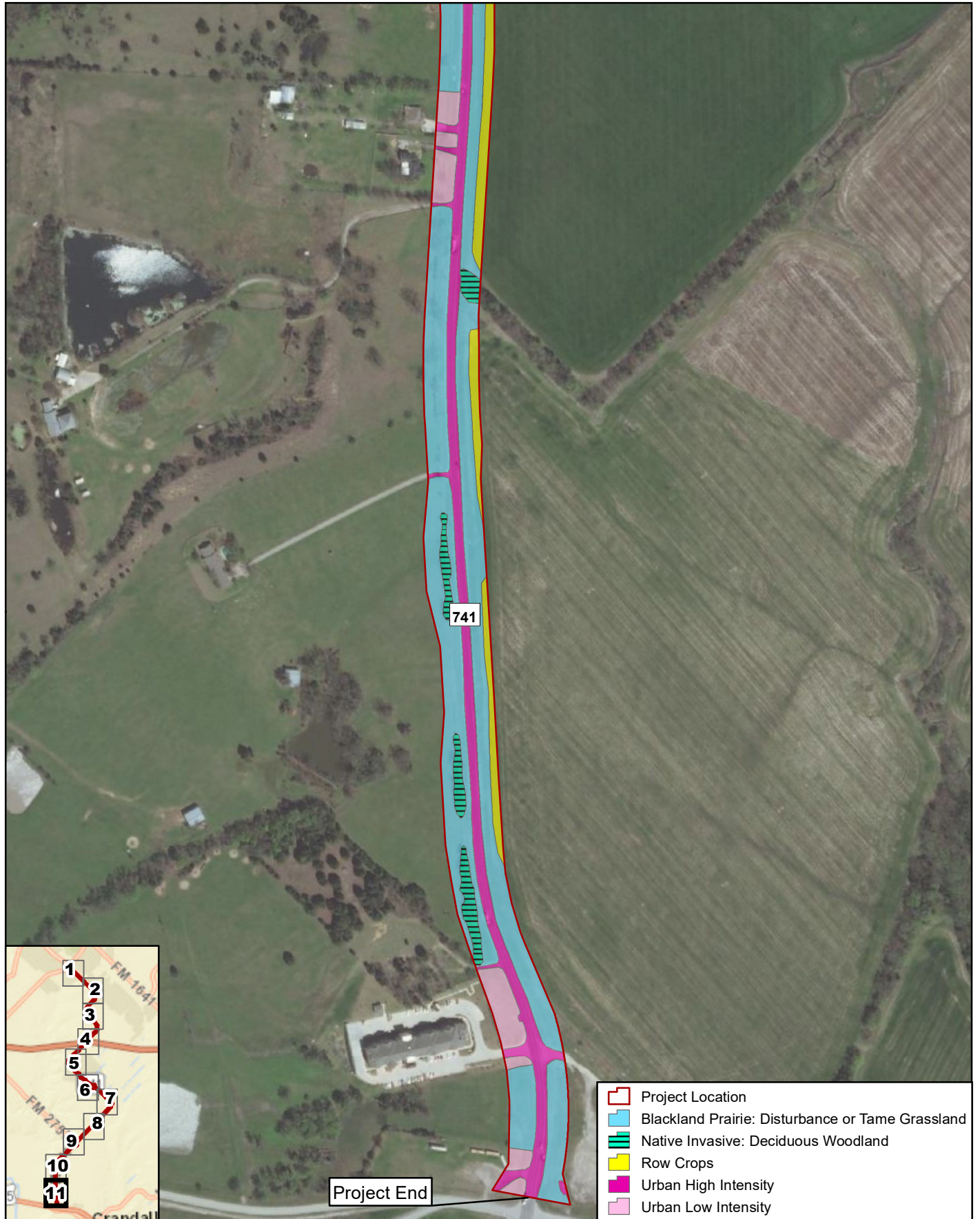


EMST Observed Vegetation Types **Sheet 10 of 11**

FM 741

Data Source: Stantec (2022)
Aerial Source: Maxar (2021)

		CSJ: 1092-01-021	
		1 in = 400 feet	
		Scale: 1:4,800	
		Date: 4/18/2022	



EMST Observed Vegetation Types
Sheet 11 of 11

FM 741

G:\Projects\TXDOT\FM741_EA\FM741_EA_Tier1_Observed_20220407_LG.mxd

Data Source: Stantec (2022)
 Aerial Source: Maxar (2021)



CSJ: 1092-01-021

0	400 Feet	1 in = 400 feet
0	120 Meters	Scale: 1:4,800
		Date: 4/18/2022

Ecological Mapping System of Texas (EMST) and Observed Vegetation Table
CSJ: 1092-01-021

EMST Habitat Type (MOU Type)	Common Name	EMST Mapped Acres	Observed Acres
Region: Texas Blackland Prairies			
Agriculture	Row Crops	23.55	4.62
	Barren	0.21	0.00
Disturbed Prairie	Native Invasive: Deciduous Woodland	13.17	5.40
	Native Invasive: Juniper Shrubland	0.12	0.00
	Native Invasive: Mesquite Shrubland	4.38	0.00
Floodplain	Central Texas: Floodplain Hardwood Forest	2.53	0.00
	Central Texas: Floodplain Herbaceous Vegetation	0.26	0.00
Riparian	Central Texas: Riparian Deciduous Shrubland	0.23	1.50
	Central Texas: Riparian Hardwood Forest	0.53	3.63
	Central Texas: Riparian Herbaceous Vegetation	0.03	2.07
Tallgrass Prairie, Grassland	Blackland Prairie: Disturbance or Tame Grassland	46.21	44.17
Urban	Urban High Intensity	4.20	44.32
	Urban Low Intensity	45.84	35.55
Total:		141.26	141.26