ITEM 192 LANDSCAPE PLANTING MAINTENANCE REQUIREMENTS

After completion of the project installation, as shown in the plans and approved by the engineer, begin maintenance activities for a period of 365 calendar days as described in Special Provision 192-001.
Payment in accordance with Special Provision 192-001 is subject to completion of all scheduled maintenance activities, timeline may also be suspended for failure to complete scheduled maintenance activities.
All maintenance work is incidental and is not paid for separately unless otherwise shown on plans.
Reference Item 170 and 192 of the Texas Standard Specifications for Construction and Maintenance of Highways, Streets and Bridges 2014 and Special Specification 1006 for specifications, dimensions, volumes and measurements that are not shown.
Notify engineer prior to each site visit, determination of the completeness of work will be done in the presence of the engineer same day as work activity.

TIMELINE (Days): 0, 30, 60, 90, 120, 150, 180, 210, 240, 270, 300, 330, 365

DESCRIPTION OF WORK	1 Thru 7	8 Thru 15	16 Thru 22	23 Thru 30	31 Thru 37	38 Thru 45	46 Thru 52	53 Thru 60	61 Thru 67	68 Thru 75	76 Thru 82	83 Thru 90	91 Thru 97	98 Thru 105	106 Thru 112	113 Thru 120	121 Thru 127	128 Thru 135	136 Thru 142	143 Thru 150	151 Thru 157	158 Thru 165	166 Thru 172	173 Thru 180	181 Thru 187	188 Thru 195	196 Thru 202	203 Thru 210	211 Thru 217	218 Thru 225	226 Thru 232	233 Thru 240	241 Thru 247	248 Thru 255	256 Thru 262	263 Thru 270	271 Thru 277	278 Thru 285	286 Thru 292	293 Thru 300	301 Thru 307	308 Thru 315	316 Thru 322	323 Thru 330	331 Thru 338	339 Thru 346	347 Thru 354	355 Thru 365
192.3.15.1. **WATERING** (See PLANTING AND ESTABLISHMENT SHEET 1 of 8, VEGETATIVE WATERING SCHEDULE FOR TREES, SHRUBS, VINES) and/or (See PLANTING AND ESTABLISHMENT SHEET 2 of 8 VEGETATIVE WATERING SCHEDULE FOR PALMS ONLY)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
192.3.15.2. **MOWING, TRIMMING, AND EDGING** (From back of curb, retaining wall, barrier, and riprap to bed preparation areas, otherwise 6′ width around outside edge of bed preparation areas, around and between planting bed preparation areas, including areas around any structures within the outer limits adjacent to the roadway) DO NOT MOW, TRIM, OR EDGE WITHIN 3′ of ANY TREE	MOW EIGHT TIMES PER 365 DAY PERIOD, ONCE PER MONTH, DURING THE LAST WEEK OF: APRIL, MAY, JUNE, JULY, AUGUST, SEPTEMBER, OCTOBER, NOVEMBER																																															
192.3.15.3. **PLANT BASIN, BED, AND WORKSITE MAINTENANCE** (Includes keeping all inlets within or near the bed preparation areas free of compost. Maintain bed preparation areas as shown below and reshape beds every 30 days or as site conditions and weather require. If no requirement is selected, maintain per Item 192.3.0.3) **WEED CONTROL REQUIREMENT** [✓] Maintain weed-free per Item 192.3.15.3. Cord trimmers are not allowed. Replace damaged plants per Item 192.15.9. INVASIVE VINES MUST BE CHEMICALLY TREATED, NOT MANUALLY REMOVED. [ ] Maintain grasses and weeds at 24" maximum height. Eradicate all vines regardless of height, VINES MUST BE CHEMICALLY TREATED, NOT MANUALLY REMOVED. Eradicate invasive shrubs and trees as directed. Method must be either a spot-treatment chemical application such as a wick applicator or manual hand pulling of weeds. Hand-pull previously treated dead plants over 24" tall.		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
192.3.15.4. **PLANT SUPPORTS** (Remove plant stakes and all appurtenances within last 10 days of this schedule unless this Item 192 maintenance period is followed by Item 193 establishment period, unless otherwise directed by engineer)		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
192.3.15.5. **PRUNING** (Includes palm plant material and dead, diseased, or damaged palm fronds.)		✓				✓				✓				✓				✓				✓				✓				✓				✓				✓				✓				✓		
192.3.15.6. **INSECT, DISEASE, AND ANIMAL INSPECTION AND TREATMENT** (Exterminate all active ant colonies in bed preparation areas)		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
192.3.15.7. **LITTER AND DEBRIS COLLECTION AND DISPOSAL** (Includes planting bed preparation areas and designated mowing limits. In addition, keep all inlets within or near planting bed preparation areas free of debris and litter)		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓
192.3.15.8. **TREE TRUNK WRAP AND PROTECTION GUARD REMOVAL AND DISPOSAL**																																																
192.3.15.9. **PLANT REPLACEMENT*** (See Special Provision 192-001)				✓				✓				✓				✓				✓				✓				✓				✓				✓				✓				✓				✓
1006-6004 **SOIL AMENDMENT (TYPE IV)** (PLANTING AND ESTABLISHMENT SHEETS 4 AND 5 of 8, each application will be paid for separately)	AFTER FIRST FOLIAR APPLICATION AS DESCRIBED ON PREVIOUS SHEET, APPLY SECOND FOLIAR 120 CALENDAR DAY AFTER FIRST FOLIAR, THEN APPLY THIRD FOLIAR 180 CALENDAR DAYS AFTER SECOND FOLIAR (ONLY USE THIS SCHEDULE IF WITHIN CONTRACT TIME).																																															
1006-6005 **SOIL AMENDMENT (TYPE V)** (PLANTING AND ESTABLISHMENT SHEETS 4 AND 5 of 8, each application will be paid for separately)	✓																																												✓			
FERTILIZER (Only when Item 192 Palm Material is part of the contract, see PLANTING AND ESTABLISHMENT SHEET 2 of 8, REQUIREMENTS AFTER PLANTING)																✓																✓																✓
IRRIGATION SYSTEM (Only when Item 170 Irrigation System or a temporary irrigation system is part of the contract, see IRRIGATION DETAILS AND MATERIALS SHEET 1 OF 3, GUARANTEE AND ACCEPTANCE)		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓

* Remove any materials damaged by actions described in Item 7.18.1.
Removal and disposal of damaged materials is incidental to Item 192.
Contract er may be reimbursed for plant replacement in accordance with Item 7.18.1.
Theft is not a reimbursable repair.

✓ = Work required during defined period of timeline.
All work must be completed for entire project.

NOTES:

1. Reference Item 5.10 Inspection of the Texas Standard Specifications for Construction and Maintenance of Highways, Streets, and Bridges 2014. At any time during all phases of the contract, any materials or work performed not in accordance with the plans and specifications will be replaced and/or reworked until in compliance.
2. Any adjustments due to the failure to comply with plans and specifications shown will be at contractors expense.

Texas Department of Transportation

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HOUSTON DISTRICT

PLANTING AND ESTABLISHMENT

SHEET 7 of 8

MAINTENANCE

FILE:	FED DIV	STATE	PROJECT NUMBER			SHEET
	6	TEXAS				
REVISIONS: FEB 2015 for 2014 specs	DIST	COUNTY	CONTROL	SECT	JOB	HIGHWAY
	12					

STD K-4