

GENERAL NOTES

Pavement Marking shall be done according to Standard 780001, except as follows:

1. All words, such as ONLY, shall be 2.4 m (8 feet) high.
2. All non-freeway arrows shall be the large size.
3. The distance between yellow no-passing lines shall be 200 mm (8"), not 180 mm (7") as shown in the detail of Typical Lane and Edge Lines.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 4 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. The bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. The Engineer shall submit this information to the Survey Crew.

Tree planting layout shall be performed by the District Landscape Architect. Mulch shall be placed 4" thick and to the diameter around the tree as shown on District Standard 92.1. The mulch shall be hardwood wood chips placed on weed barrier fabric. This work shall be included in the cost of the tree.

Aggregate Base Course, Type B, is provided in the plan quantities and shall be used only as needed when directed by the Engineer.

Right-of-way markers will be erected with the back face of the marker on the right-of-way line unless the new right-of-way line has been surveyed and pinned, in which instance the right-of-way markers will be erected 300 mm (12 inches) inside the new right-of-way line.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

CenturyTel 309/345-5240
 Frontier 815/895-1515
 BIG SKY WIND / Edison Mission Energy (815) 376-2370
 Commonwealth Edison Co. 815/490-2869
 NICOR Gas Co. 630/983-8676

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

The applicable portions of Article 105.07 of the Standard Specification shall apply except for the following: The Contractor shall be responsible to locate the vertical depths of the underground utilities which may interfere with construction operations. This work will not be measured or paid for separately, but shall be considered as included in the unit bid price for the item of construction involved.

Per SB 699 (90 day utility relocation law), once right-of-way is clear to award the project, a notice will be sent to the utility companies instructing them to have their facilities relocated within 90 days. Estimated date relocation complete = Award Date + 100 days. Previously pugmilled stockpiles of "Type A" older than 1 month will not be approved for use until a moisture check is run to verify moisture content. Material shipped to projects without being tested will not be accepted.

Box culverts that are stage constructed and undercut by more than 600 mm (2 feet) shall have lean concrete placed on the rock fill at the stage line. The concrete shall retain the rock fill until the second stage rock fill is placed. This work will be included in the pay item for the type of rock fill used.

The temporary concrete barrier shall be anchored to the pavement with 6 anchors per section at the following locations:

- Sta. 310+00 to 313+300 SN 052-0081 Stages 1 & 2
- Sta. 324+70 to 326+50 SN 052-2031 Stages 1 & 2
- Sta. 416+50 to 423+85 SN 052-0080 Stage 1
- Sta. 416+40 to 423+80 SN 052-0080 Stage 2

The Contractor shall coordinate with *OF BIG SKY WIND /* BLAKE CONNOLLY Edison Mission Energy, who owns the wind turbine transmission line, or any other utility companies prior to placement of permanent sheet piling. *removal of trees and*

Temporary Impact Attenuators will be measured as each for each attenuator supplied on the job as specified in the plans, and shall include the cost of renting/owning the attenuator for the time required on the job plus hauling to and from the project site, as well as one placement and removal from the roadway. This shall be paid for at the contract unit price per Each for IMPACT ATTENUATORS, TEMPORARY of the type specified.

Relocate Temporary Impact Attenuators will be paid for as Each and will be paid for each time the attenuator is required by staging to be picked up and moved to a different location on the project, whether it is to another location on the roadway or to a storage/staging location for the project. This shall be paid for at the contract unit price per Each for IMPACT ATTENUATORS, RELOCATE of the type specified.

This work shall be done in accordance with Section 704 of the Standard Specifications. Temporary Concrete Barrier will be measured in feet along the centerline of the barrier and shall include the cost of renting/owning the barrier for the time required on the job plus hauling to and from the project site, as well as one placement and removal from the roadway in accordance with Section 704 of the Standard Specification. This shall be paid for at the contract unit price per Foot for TEMPORARY CONCRETE BARRIER.

Relocate Temporary Concrete Barrier will be paid for in Feet along the centerline of the barrier, and will be paid for each time the barrier is required by staging to be picked up and moved to a different location on the project, whether it is to another location on the roadway or to a storage/staging location for the project. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

Biological Commitments:

1. Two jurisdictional wetlands are located in the project area. Site #1 near the Green River Bridge shall not be impacted. Site #2 near the Old Green River Channel will receive 0.046 acre of impacts.
2. The jurisdictional wetlands are shown on the Wetland Sheets. There shall be no impacts to the wetlands beyond the construction limits shown on the contract plans. No construction activities, including equipment and material storage, driving vehicles and equipment, shall take place beyond the construction limits shown on the contract plans to avoid further impacts to these wetlands.
3. The foreslopes behind the guardrail at the Old Green River Channel will be steepened (1:3) to decrease impacts to wetlands and endangered and threatened species.
4. Permanent sheet pile will be installed on the downstream side of the Old Green River Channel to hold the rip rap against the culvert and minimize impacts to the wetland.
5. No rip rap shall be placed beyond 44.13 feet from the centerline on both sides of the Old Green River Channel culvert to minimize wetland impacts.
6. All construction workers on this project shall be instructed not to kill any snakes or turtles, as they may be a threatened or endangered species.

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		DRAWN -	REVISED -			FAP 316	102BR-5, 102BR-6 & 102BR-7	Lee	216	9
	PLOT SCALE =	CHECKED -	REVISED -			(IL 26)	CONTRACT NO. 64057			
	PLOT DATE = 8/22/2011 1:22 PM	DATE - 7/15/2011 11:07 AM	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.

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