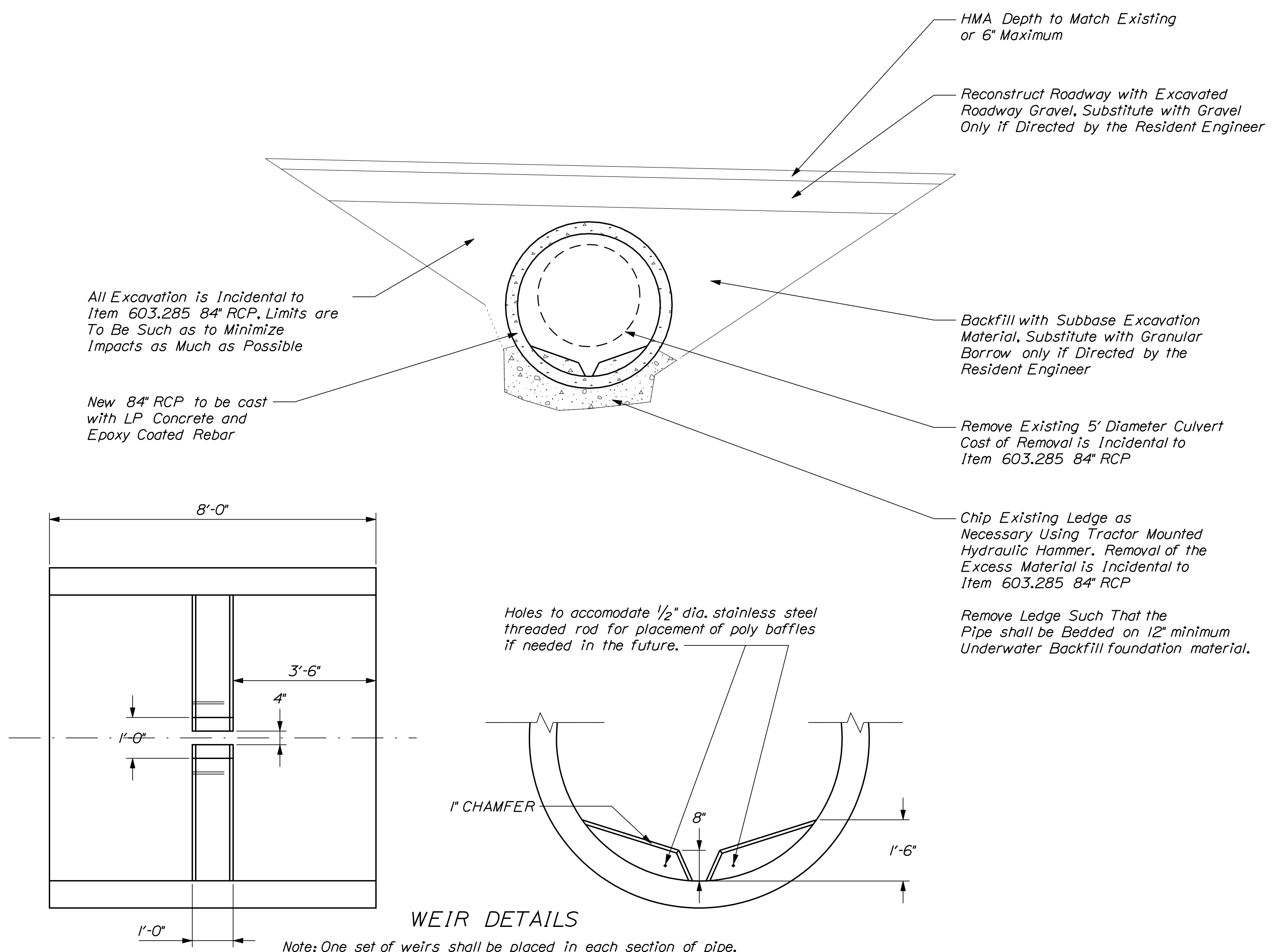


Date: 12/4/2013

Username: randall.barrrows

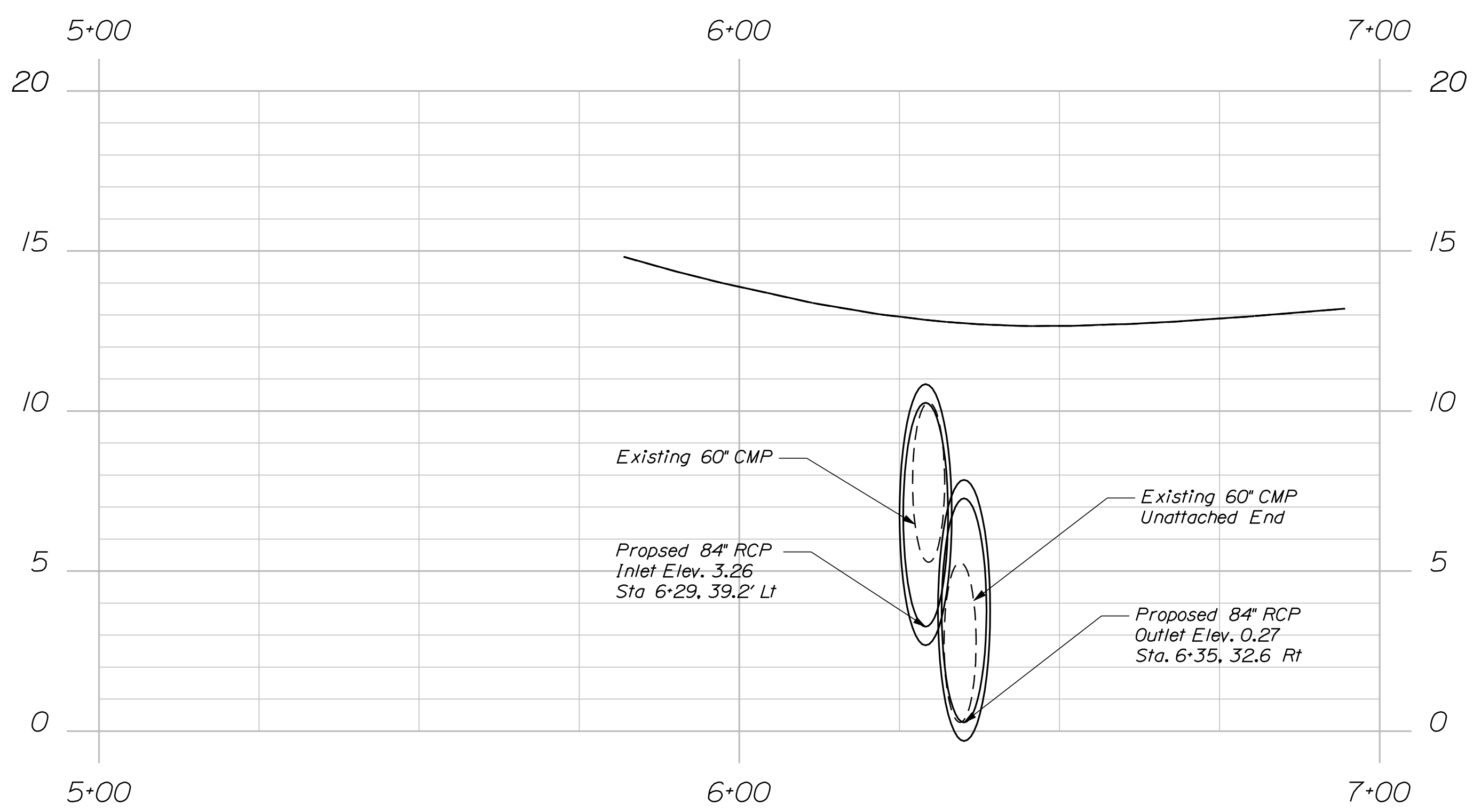
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\003_Typical.dgn



WEIR DETAILS

Note: One set of weirs shall be placed in each section of pipe.



Construction Notes

- Item 203.242 Dirty Borrow
Dirty Borrow has been estimated for all disturbed slope areas not receiving a riprap treatment. Actual placement shall be as designated by the Resident. Dirty borrow shall be placed to a nominal depth of 4 inches unless otherwise directed.
- Item 203.25 Granular Borrow
For use only if the existing excavation material is unsuitable for backfill. Granular Borrow will only be measured for payment if its use is directed by the Resident.
- Item 304.10 Aggregate Subbase Course - Gravel
For use only if the existing excavation material is unsuitable for gravel. Gravel will only be measured for payment if its use is directed by the Resident.
- Item 403.208 HMA 12.5mm Nominal Maximum Size
Replace pavement to the depth that exists, not to exceed 6". It is anticipated that three 2" lifts will be required.
- Item 409.15 Bituminous Tack Coat, Applied
Apply tack between all pavement layers.
- Item 504.07 Concrete Pipe Ties
Pipe Ties are required on the last two joints at each end of the structure, at a minimum.
- Item 603.285 84 RCP, Class III
The Reinforced Concrete Pipe shall be cast with LP Concrete and Epoxy Coated Rebar. The following shall be incidental to the 603 item:
 - *Any necessary clearing of brush and/or trees at the culvert ends.
 - *All excavation, including any cutting and removing of pavement.
 - *Removal and proper disposal of the existing 60" CMP.
 - *If foundation material is required under the culvert, it shall meet the requirements for Granular Borrow- Underwater Backfill, and will be incidental to the pipe.
 - *Backfill and compaction utilizing the excavation material.
 - *Roadbase construction, utilizing the roadbase excavation material.
 - *Fine-grading of the final layer of material to prepare for paving.
 - *Removal of all excess debris created by the hydraulic hammer.
- Item 613.319 Erosion Control Blanket
For use, if necessary, along the edge of pavement over the dirty borrow.
- Item 618.140 and Item 619.120 Method 2 Seed and Mulch
All disturbed areas must be seeded and may be done by hand.
- Item 627.733 4" White or Yellow Painted Pavement Marking Line
Replace the existing striping when surface pavement is complete.
- Item 631.111 Tractor Mounted Hydraulic Hammer
Existing ledge will be broken as necessary to fit the 84" RCP using the hydraulic hammer. Removal of the debris created will be incidental to the culvert pipe item.

GENERAL NOTES

- Crowns for both normal and superelevated sections for all courses of subbase and pavement shall be straight.
- Stations referenced are approximate.
- Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
- No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.
- All Utility Facilities shall be adjusted by the respective Utilities unless otherwise noted.
- All work shall be done in accordance with the latest revision of the Maine Department of Transportation's Best Management Practices for Erosion and Sediment Control.
- All waste material not used on the project shall be disposed of in acceptable waste areas. Waste areas shall be reviewed by the Resident. Grading, seeding, and mulching of waste areas will be considered incidental to the contract.
- Any damage to the slopes caused by the contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the resident. All work, equipment, and materials required to make repairs shall be at the contractor's expense.
- 1/2" dia. stainless steel threaded rod shall be installed to plug the holes for the poly baffles. The Poly baffles will not be required to be supplied or installed upon pipe installation.

NOT TO SCALE

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
019267.00		PIN 19267.00	
HIGHWAY PLANS		SHEET NUMBER	
ST. GEORGE		ROUTE 131 STRUT	
TYPICAL SECTIONS		3	
OF 7		DATE	
PROJ. MANAGER	S. SMITH	BY	T. WHITE
DESIGN-DETAILED		CHECKED-REVIEWED	K. BRESKIN
DESIGNS DET. TAILED		DESIGNS DET. TAILED	JAN 2013
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	
SIGNATURE		P.E. NUMBER	