State of Rhode Island
Department of Administration / Division of Purchases
One Capitol Hill, Providence, Rhode Island 02908-5855
Tel: (401) 574-8100 Fax: (401) 574-8387

ADDENDUM # 1

3/29/13
RFQ #7460218

Title: Wetland Restoration and Repaving of Parking Lot "U" – Rhode Island College

Submission Deadline: Note Change

From: April 9, 2013 @ 11:00 AM (ET)
To: April 19, 2013 @ 10:00 AM (ET)

Per the issuance of <u>ADDENDUM #1</u> the following are noted:

- [X] Vendor Questions
- [X] Pre-Bid Attendance Sheet
- [X] Reproduced Visible Plans/Drawings

This addendum, in its entirety is available on-line on the Rhode Island, Division of Purchases website at www.purchasing.ri.gov

Interested parties should monitor this website, on a regular basis, for any additional information that may be posted.

Gary P. Mosca
Buyer

Rhode Island College
Wetland Restoration and Repaving of Parking Lot U
RFQ #7460218
March 27, 2013
Pre-Bid Questions & Answers

1. Do we need to follow the existing elevations?
   Yes. As stated in Note 15 on the PLAN: Pavement Replacement Requirements, Contractor is to F&I a replacement pavement whose surface elevations exactly match the corresponding elevations on the existing pavement with one exception (described in Note 7B).

2. Drain the lot to the North or East side?
   The North Segment of the parking lot is to drain to the West; and the South Segment of the parking lot is to drain to the South.

3. What type of asphalt finish do you want?
   We want the surface course to have the RIDOT Standard Class I-2 surface-course (3/8" max aggregate size) finish; and the binder course to have the RIDOT Standard binder-course finish.

4. How deep is the asphalt?
   The existing asphalt pavement thickness varies: 3" thickness in most of the North Segment; and probably 2" to 2-1/2" (possibly 3") thickness in the South Segment.

5. How should it be compacted?
   Note 20 on the PLANS is revised to add: In lieu of the specified triple-drum roller, Contractor may use the double-drum vibratory roller. Note 20 on the PLANS is revised to indicate that Each Layer is to be 1-1/2" thick but need only be 95% of maximum density.

End Document

PRE-BID - #7460218

Wetland Restoration and Repaving of Parking Lot "U" - Rhode Island College

	Company	Representative	Address	Email	Phone
1.	D'AMBRA CONST., CO., INC.	Henry Chango	800 Jefferson Blvd. Warwick, RI 02887	hchangoed-ambra.com	401-737-1300 401-255-3496
2.	T. Miozzi Inc	Tom Miozzi	75 Airport rd Coventry RI 02816	TMiozzi@verizon.net	401-822-4300
3.	J.H Lynch & Sons	Patricia Donahue	50 Lynch Place Cumberland RI 02864	sales@jhlynch.com	401-333-4300
4.	Smithfield Peat Co.	Darin Claret	295 Washington Highway Smithfield RI	smithpeat@aol.com	401-231-1111
5.	Carzi Corp	Joe Colarietro	400 Lincoln Ave Warwick, RI 02888	JoeColarietro@carzi.com	401-739-8300 x158
6	Massachusetts Impl. Co	Mark Beauchamp	223 Allens Ave. Prov. RI 02903	mbeauchamp@nicoRI.com	401 331-7420
7.					
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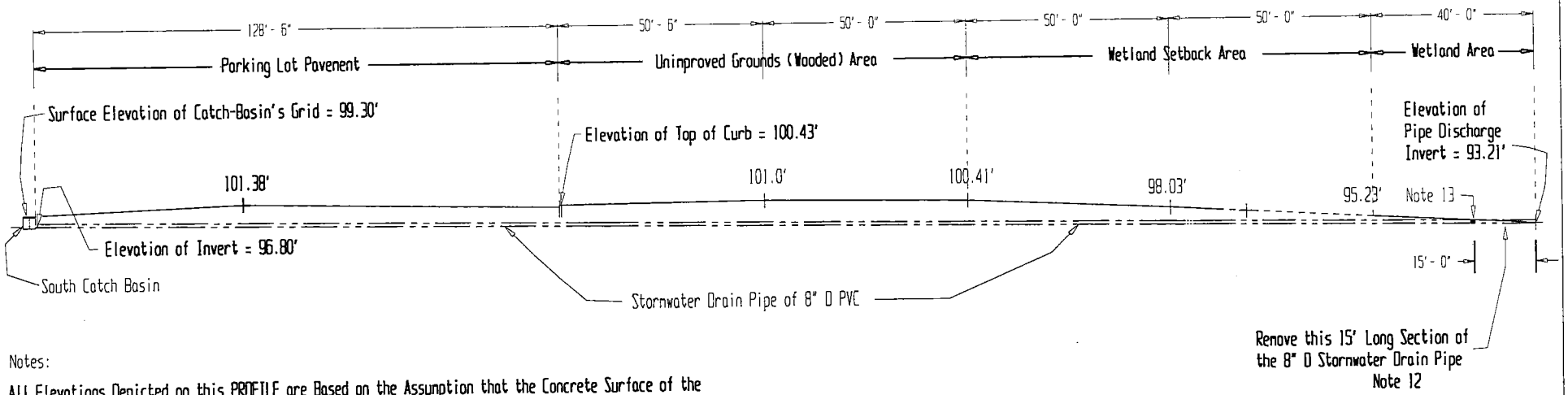
12.					

DATE: 3/27/13

RHODE ISLAND COLLEGE | Wetlands Restoration & Repaving of Parking Lot "U"



Notes:

10. **All Elevations Depicted on this PROFILE are Based on the Assumption that the Concrete Surface of the Fogarty LS Ground Floor has an Elevation of 100.00'.**

11. For Orientation Purposes, the South Catch Basin is considered to be the "South" End of the 8" D Stornwater Drain Pipe; & the Discharge Invert End of this Pipe is considered to be Its "North" End.

12. In order to MINIMIZE the Disruption and Disturbance to the Wooded & Wetland Areas, Contractor is to Use the Smallest Backhoe Capable of Performing the Excavation; & is to Excavate & Renove (Elininate) the Northern FIFTEEN Lineal Feet of the 8" D PVC Stornwater Drain Pipe. Dispose of this Pipe Off-Campus.

13. F&I a PVC Plug Designed for this Purpose into the New Northern End of the 8" D Stownwater Pipe . BEFORE Backfilling the Excavation just Established, Take Photos of the PLUG; & Notify the College Engineer. We have to give the DEM Representative an Opportunity to Verify the Existence of this Plug. As soon as the College Engineer Approves, Backfill the Excavtion Above & North of this Plug & Leave the Area Appearing as Undistrubed as possible.

Scale:

0 Feet 100'

Paving-&Wtlnd-Profile
10 January 2013

J Vickers, College Engineer

PROFILE: Stornwater Drain Pipe & FINAL Wetlands Restoration Requirements

RHODE ISLAND COLLEGE | Wetlands Restoration & Repaving of Parking Lot "U"

Notes:

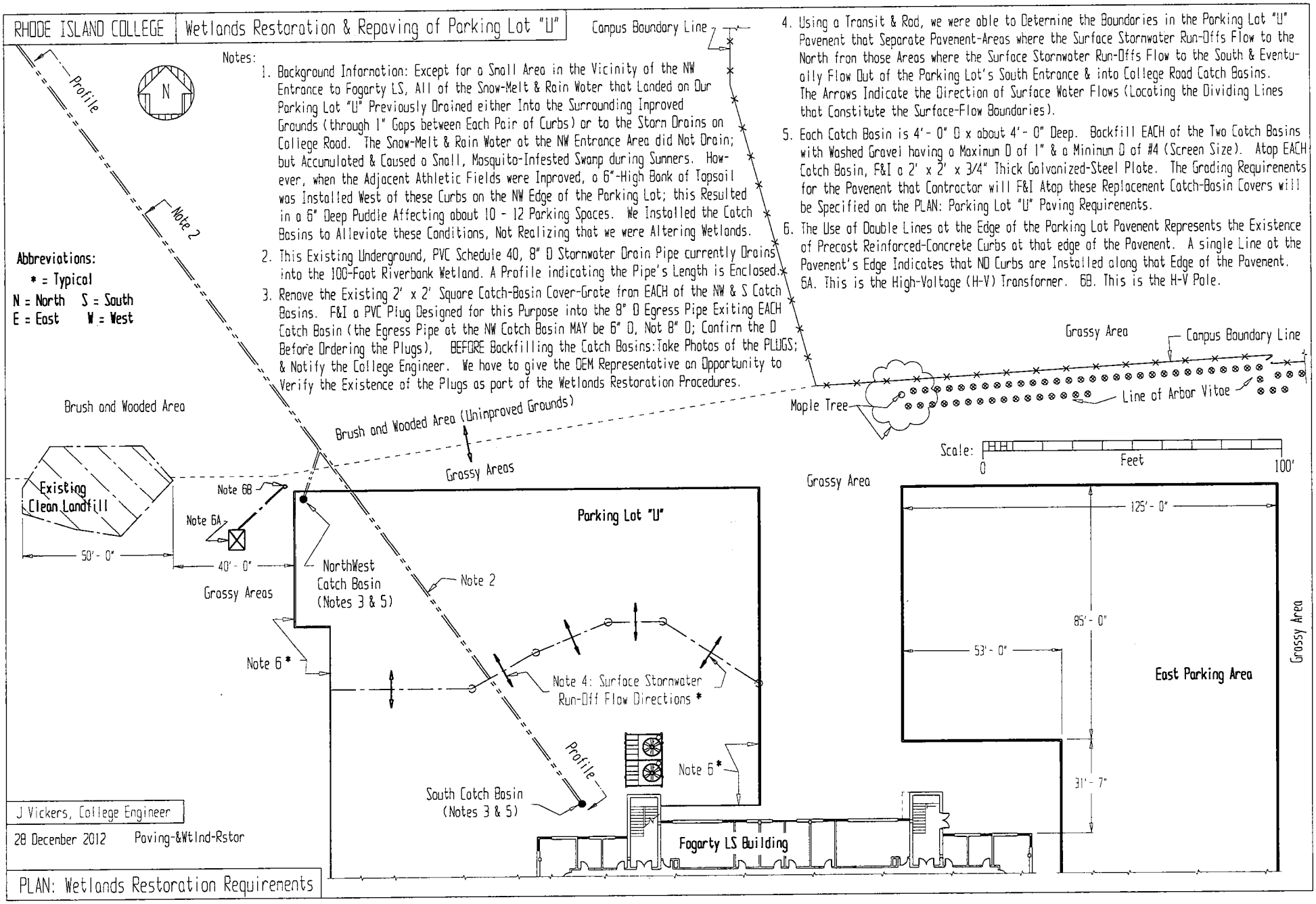
1. Background Information: Except for a Small Area in the Vicinity of the NW Entrance to Fogarty LS, All of the Snow-Melt & Rain Water that Landed on Our Parking Lot "U" Previously Drained either Into the Surrounding Improved Grounds (through 1" Gaps between Each Pair of Curbs) or to the Storm Drains on College Road. The Snow-Melt & Rain Water at the NW Entrance Area did Not Drain; but Accumulated & Caused a Small, Mosquito-Infested Swamp during Summers. However, when the Adjacent Athletic Fields were Improved, a 6"-High Bank of Topsoil was Installed West of these Curbs on the NW Edge of the Parking Lot; this Resulted in a 6" Deep Puddle Affecting about 10 - 12 Parking Spaces. We Installed the Catch Basins to Alleviate these Conditions, Not Realizing that we were Altering Wetlands.
2. This Existing Underground, PVC Schedule 40, 8" D Stormwater Drain Pipe currently Drains into the 100-Foot Riverbank Wetland. A Profile indicating the Pipe's Length is Enclosed.
3. Remove the Existing 2' x 2' Square Catch-Basin Cover-Grate from EACH of the NW & S Catch Basins. F&I a PVC Plug Designed for this Purpose into the 8" D Egress Pipe Exiting EACH Catch Basin (the Egress Pipe at the NW Catch Basin MAY be 6" D, Not 8" D; Confirm the D Before Ordering the Plugs). BEFORE Backfilling the Catch Basins: Take Photos of the PLUGS; & Notify the College Engineer. We have to give the DEM Representative an Opportunity to Verify the Existence of the Plugs as part of the Wetlands Restoration Procedures.
4. Using a Transit & Rod, we were able to Determine the Boundaries in the Parking Lot "U" Pavement that Separate Pavement-Areas where the Surface Stormwater Run-Offs Flow to the North from those Areas where the Surface Stormwater Run-Offs Flow to the South & Eventually Flow Out of the Parking Lot's South Entrance & into College Road Catch Basins. The Arrows Indicate the Direction of Surface Water Flows (Locating the Dividing Lines that Constitute the Surface-Flow Boundaries).
5. Each Catch Basin is 4' - 0" D x about 4' - 0" Deep. Backfill EACH of the Two Catch Basins with Washed Gravel having a Maximum D of 1" & a Minimum D of #4 (Screen Size). Atop EACH Catch Basin, F&I a 2' x 2' x 3/4" Thick Galvanized-Steel Plate. The Grading Requirements for the Pavement that Contractor will F&I Atop these Replacement Catch-Basin Covers will be Specified on the PLAN: Parking Lot "U" Paving Requirements.
6. The Use of Double Lines at the Edge of the Parking Lot Pavement Represents the Existence of Precast Reinforced-Concrete Curbs at that edge of the Pavement. A single Line at the Pavement's Edge Indicates that NO Curbs are Installed along that Edge of the Pavement. 6A. This is the High-Voltage (H-V) Transformer. 6B. This is the H-V Pole.

Abbreviations:

*** = Typical**

N = North S = South

E = East W = West



J Vickers, College Engineer

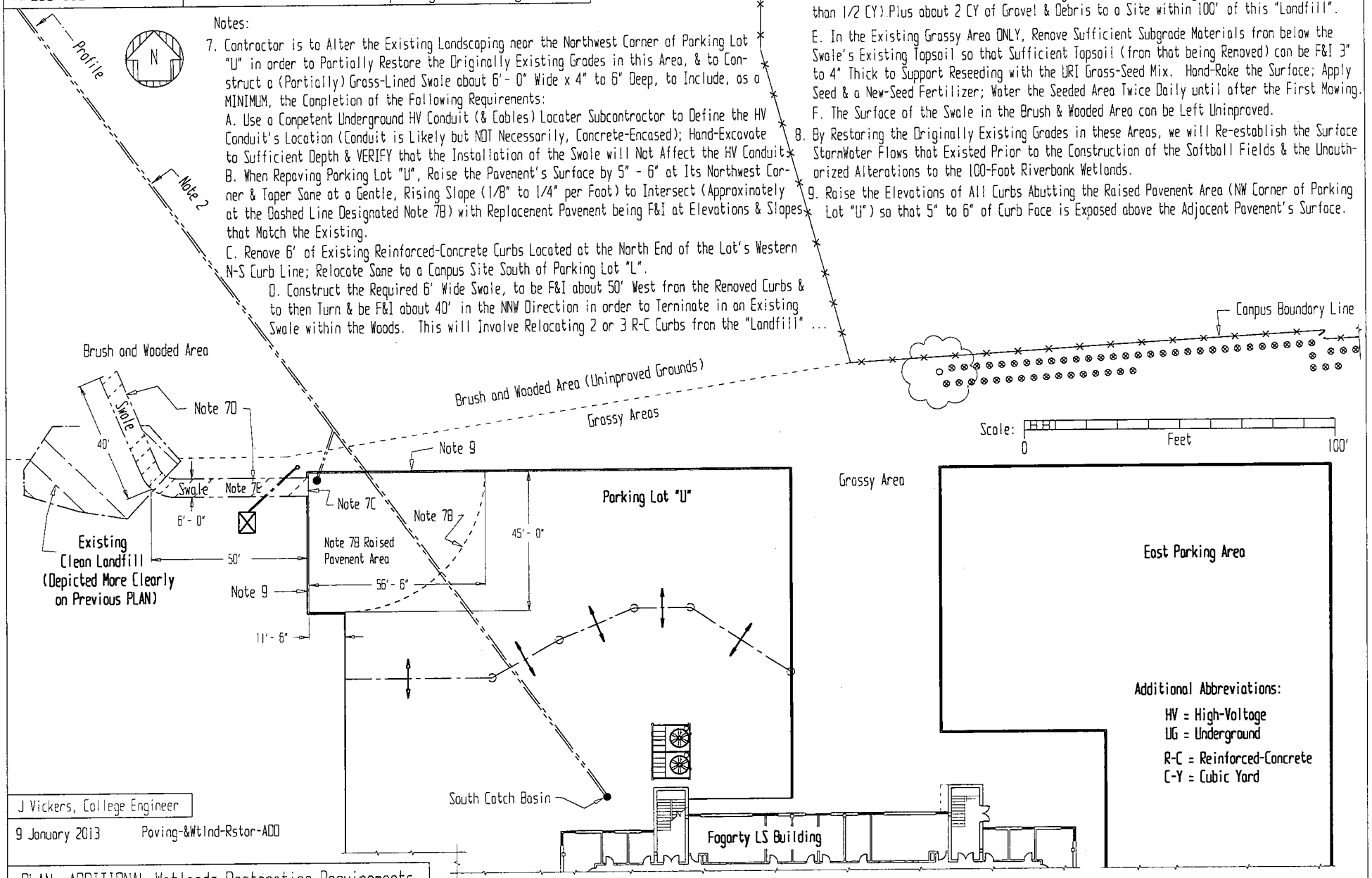
28 December 2012 Paving-&Wtlnd-Rstor

PLAN: Wetlands Restoration Requirements

RHODE ISLAND COLLEGE | Wetlands Restoration & Repaving of Parking Lot "U"

Notes:

7. Contractor is to Alter the Existing Landscaping near the Northwest Corner of Parking Lot "U" in order to Partially Restore the Originally Existing Grades in this Area, & to Construct a (Partially) Grass-Lined Swale about 6' - 0" Wide x 4" to 6" Deep, to Include, as a MINIMUM, the Completion of the Following Requirements:
   A. Use a Competent Underground HV Conduit (& Cables) Locater Subcontractor to Define the HV Conduit's Location (Conduit is Likely but NOT Necessarily, Concrete-Encased); Hand-Excavate to Sufficient Depth & VERIFY that the Installation of the Swale will Not Affect the HV Conduit.
   B. When Repaving Parking Lot "U", Raise the Pavement's Surface by 5" - 6" at Its Northwest Corner & Taper Same at a Gentle, Rising Slope (1/8" to 1/4" per Foot) to Intersect (Approximately at the Dashed Line Designated Note 7B) with Replacement Pavement being F&I at Elevations & Slopes that Match the Existing.
   C. Remove 6' of Existing Reinforced-Concrete Curbs Located at the North End of the Lot's Western N-S Curb Line; Relocate Same to a Campus Site South of Parking Lot "L".
   D. Construct the Required 6' Wide Swale, to be F&I about 50' West from the Removed Curbs & to then Turn & be F&I about 40' in the NNW Direction in order to Terminate in an Existing Swale within the Woods. This will Involve Relocating 2 or 3 R-C Curbs from the "Landfill" ...
   D. CONTINUED...to the Site South of Parking Lot "L"; & Relocating 10 - 12 Boulders (Smaller than 1/2 CY) Plus about 2 CY of Gravel & Debris to a Site within 100' of this "Landfill".
   E. In the Existing Grassy Area ONLY, Remove Sufficient Subgrade Materials from below the Swale's Existing Topsoil so that Sufficient Topsoil (from that being Removed) can be F&I 3" to 4" Thick to Support Reseeding with the URI Grass-Seed Mix. Hand-Rake the Surface; Apply Seed & a New-Seed Fertilizer; Water the Seeded Area Twice Daily until after the First Mowing.
   F. The Surface of the Swale in the Brush & Wooded Area can be Left Unimproved.
8. By Restoring the Originally Existing Grades in these Areas, we will Re-establish the Surface StormWater Flows that Existed Prior to the Construction of the Softball Fields & the Unauthorized Alterations to the 100-Foot Riverbank Wetlands.
9. Raise the Elevations of All Curbs Abutting the Raised Pavement Area (NW Corner of Parking Lot "U") so that 5" to 6" of Curb Face is Exposed above the Adjacent Pavement's Surface.

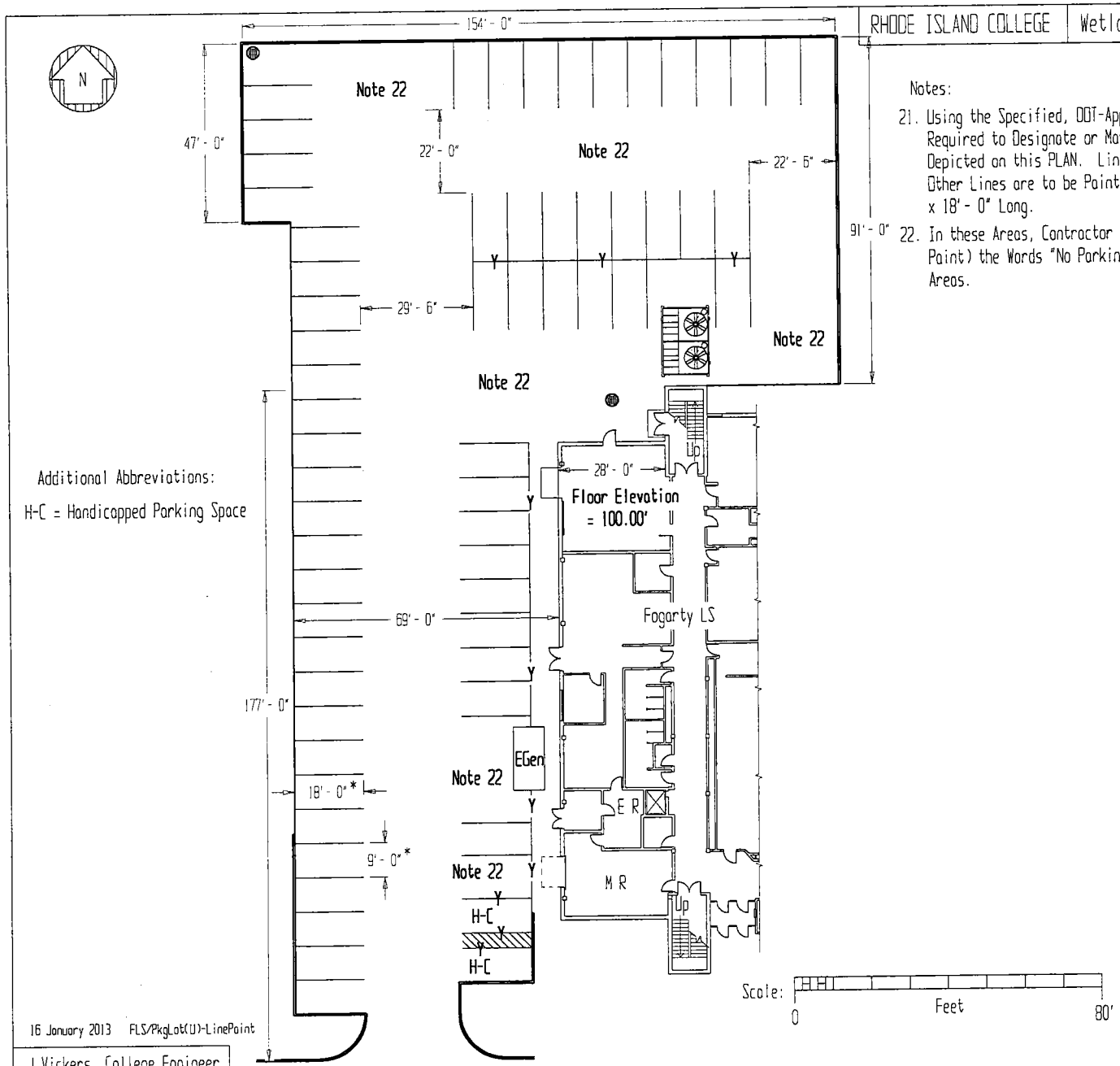


J Vickers, College Engineer

9 January 2013 Paving-&Wtlnd-Rstor-ADD

PLAN: ADDITIONAL Wetlands Restoration Requirements

RHODE ISLAND COLLEGE | Wetlands Restoration & Repaving of Parking Lot "U"



Notes:

21. Using the Specified, DOT-Approved Traffic (Line-Marking) Paint, F&I (Paint) All Lines Required to Designate or Mark the 63 Normal Parking Spaces Plus 2 Handicapped Spaces Depicted on this PLAN. Lines Containing the Letter "Y" are to be Painted Yellow; All Other Lines are to be Painted White. All Normal Parking Spaces are to be 9' - 0" Wide x 18' - 0" Long.

22. In these Areas, Contractor will be Required to Paint (with Approved Yellow Traffic Paint) the Words "No Parking" Plus Paint Additional Lines to Identify the No-Parking Areas.

Additional Abbreviations:

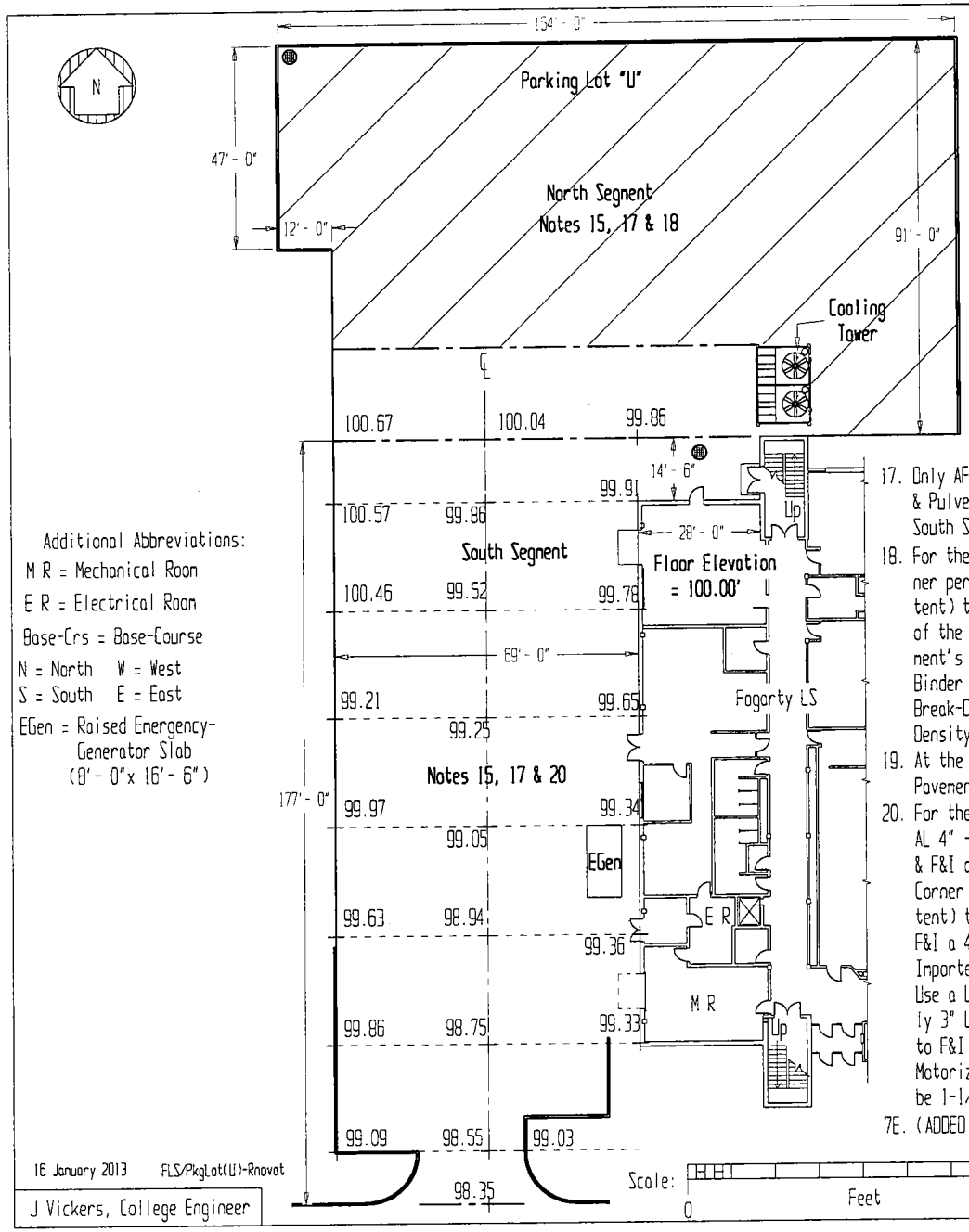
H-C = Handicapped Parking Space

16 January 2013 FLS/PkgLot(U)-LinePaint

J Vickers, College Engineer

PLAN: Pavement Line-Painting Requirements

RHODE ISLAND COLLEGE | Wetlands Restoration & Repaving of Parking Lot "U"



Additional Abbreviations:

M R = Mechanical Room

E R = Electrical Room

Base-Crs = Base-Course

N = North W = West

S = South E = East

EGen = Raised Emergency-Generator Slab (8' - 0" x 16' - 6")

Notes:

14. One Purpose of this PLAN is to Provide Survey & Elevations Information for the Existing Parking Lot Pavements that are to be Replaced by this Contract; the Elevations are Based on the Assumed Fogarty LS Ground Floor Elevation of 100.0'. These Survey Elevations Indicate that, from the Fogarty LS Floor Surface Elevation at Its Northwest Entrance to the Street South of this Building (& into which Parking Lot "U" Drains), the DROP in Elevation is ONLY 1.65', or about 1' - 8", over a Horizontal Distance of 225' (approximately).
15. Because the Parking Lot "U" Pavement Elevations Next to Fogarty LS are ONLY about 1" Lower than the Ground Floor's Surface, and because the Parking Lot MUST Continue to Drain by Surface Flow to Its South Entrance, Contractor is to F&I a Replacement Pavement whose Surface Elevations Exactly MATCH the Corresponding Elevations of the Existing Pavement, with One EXCEPTION: Raise the Pavement Surface in the NW Corner in Compliance with Note 7B.
16. Because the Condition of the Existing Pavement in the North (Cross-Hatched Segment of Parking Lot "U" is Significantly Better than that of the South Segment, the Pavement Replacement Requirements Differ.
17. Only AFTER All Wetlands Restoration Requirements have been Satisfied & in ALL of Parking Lot "U", Remove & Pulverize All Existing Pavement; Stockpile Some on Site for Use as Replacement Base Course for the South Segment.
18. For the North Segment Only, Use Some of the Pulverized Pavements to Raise the Elevations in the NW Corner per Note 7B. Raise the Designated Curbs per Note 9. Fine Grade & Compact (at Optimum Moisture Content) the Existing Base-Crs Material with Vibratory Rollers. Use a Lazer-Type Level to Ensure that EACH of the North Segment's Base-Course Elevations is Exactly 3" Lower than the Previously Existing Pavement's Surface Elevation was at that Location. Then Proceed to F&I & Compact the Bituminous Concrete Binder Course (Type I-1) & Surface Course (Type I-1) Using: a Motorized Asphalt Finisher, a Vibrating Break-Down Roller & a Triple-Drum Roller. EACH Layer is to be 1-1/2" Compacted Thickness & 100% Lab Density. Achieve the Required Elevations per this PLAN.
19. At the Cooling Tower, Replace the Pavement up to the Lines of the R-C Columns. At the EGen, Replace the Pavement up to the 4 Edges of the R-C Slab.
20. For the South Segment Only, After Removing the Pavement (about 2-1/2" - 3" Thick), Remove an ADDITIONAL 4" - 4-1/2" Thickness of the Existing Base Course Layer. Raise the Grade above the South Catch Basin; & F&I a Swale in the Pavement Surface to Convey Surface Water from the NW Entrance Doors around the NW Corner & to the South Segment's Centerline (& thence S). Fine Grade & Compact (at Optimum Moisture Content) the Existing Subgrade Located 7" Below the Previous Pavement's Surface, using Vibratory Rollers. F&I a 4" (Compacted Thickness) Base Course using the Pulverized Pavement (Supplemented if Required with Imported Base Course Material that Meets the Attached Base-Course Specifications in Paragraph 1.6). Use a Lazer-Type Level to Ensure that the EACH of the South Segment's Base-Course Elevations is Exactly 3" Lower than the Previously Existing Pavement's Surface Elevation was at that Location. Then Proceed to F&I & Compact the Bituminous Concrete Binder Course (Type I-1) & Surface Course (Type I-1) Using: a Motorized Asphalt Finisher, a Vibrating Break-Down Roller & Triple-Drum Roller. EACH Layer is to be 1-1/2" Compacted Thickness & 100% Lab Density. Achieve the Required Elevations per this PLAN.

7E. (ADDED)...For the Grassy-Area Swale & Damaged Grounds, Roll after Seeding; F&I a 19-19-19 Mixture as Starter Fertilizer. Use a 50%-50% Perennial Ryegrass & Kentucky Bluegrass Blend as Seed.

16 January 2013 FLS/PkgLot(U)-Rnovat

J Vickers, College Engineer

PLAN: Pavement Replacement Requirements