

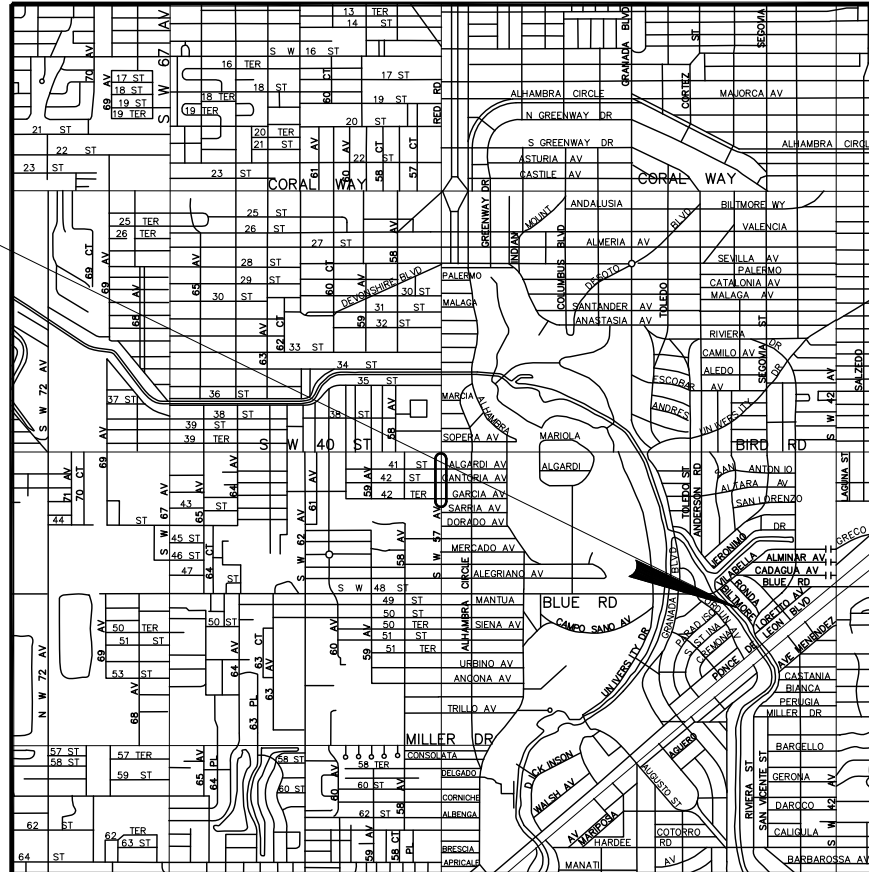
# CONSTRUCTION PLANS FOR BILTMORE DRIVE ROADWAY IMPROVEMENTS

CITY OF CORAL GABLES, FLORIDA


## INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
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8 - 9	SIGNING AND PAVEMENT MARKING PLANS

PROJECT LOCATION



CALL 2 FULL BUSINESS DAYS  
BEFORE YOU DIG IN FLORIDA



**Know what's below.  
Call before you dig.**

GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS FY 2016-17,  
AND STANDARD SPECIFICATIONS FOR ROAD AND  
BRIDGE CONSTRUCTION DATED JULY 2016,  
AS AMENDED BY CONTRACT DOCUMENTS.

"THIS PLAN WAS PREPARED UNDER MY DIRECTION  
AND TO THE BEST OF MY KNOWLEDGE AND BELIEF  
COMPLIES WITH THE INTENT OF THE MANUAL OF  
UNIFORM MINIMUM STANDARDS FOR DESIGN,  
CONSTRUCTION AND MAINTENANCE FOR STREETS  
AND HIGHWAYS, AS ADOPTED BY THE STATE  
OF FLORIDA LEGISLATURE. CHAPTER 72-328 F.S."

PREPARED FOR:  
CITY OF CORAL GABLES

### CITY OF CORAL GABLES COMMISSIONERS

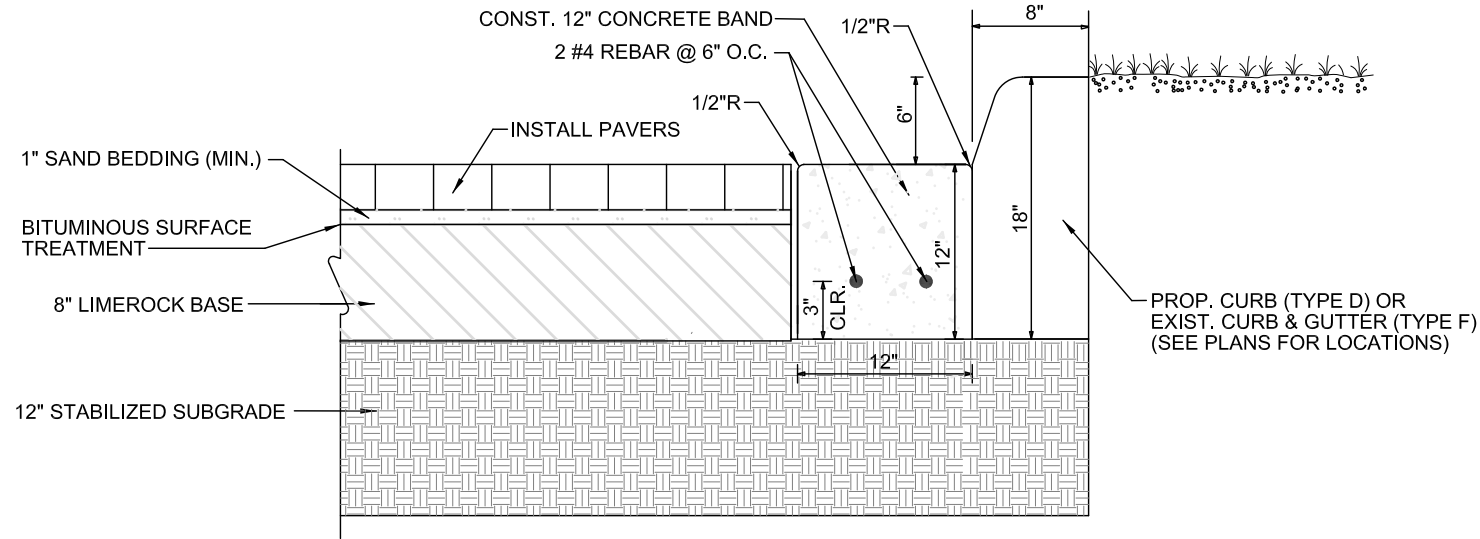
RAUL VALDES-FAULI - MAYOR  
FRANK C. QUESADA - VICE MAYOR  
VINCE C. LAGO - COMMISSIONER  
MICHAEL MENA - COMMISSIONER  
PATRICIA KEON - COMMISSIONER



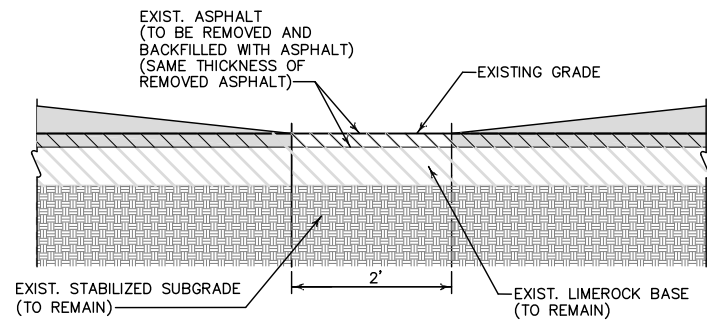
PREPARED BY:  
**DAVID PLUMMER & ASSOCIATES, Inc.**  
1750 Ponce de Leon Boulevard  
Coral Gables, Florida 33134  
EB 2690

APPROVED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_  
P.E. NO.: \_\_\_\_\_

ISSUING DATE: 06/05/18



**CONCRETE PAVER AND BANDING DETAIL AT INTERSECTIONS**



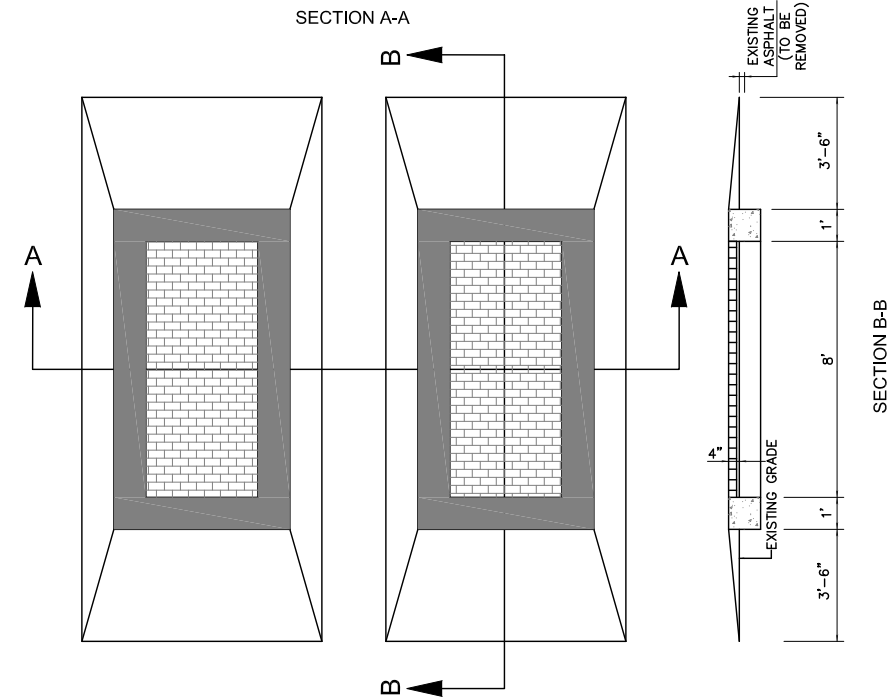
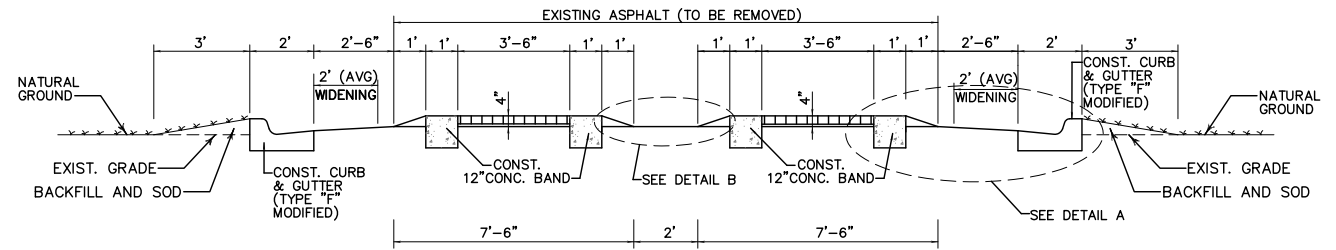
**DETAIL B**

- A. COLORED CONCRETE PAVERS**
- MANUFACTURER: GEM PAVER SYSTEMS, INC.
  - STYLE: OLD MIAMI
  - COLOR: TAN / CHARCOAL
  - SIZE: 6 1/4" X 9 1/2", 6 1/4" X 6 1/4", 6 1/4" X 4 3/4"
  - THICKNESS: 2 3/8"
- B. 12" CONCRETE BANDING**
- UNCOLORED
  - MEDIUM BROOM FINISHED

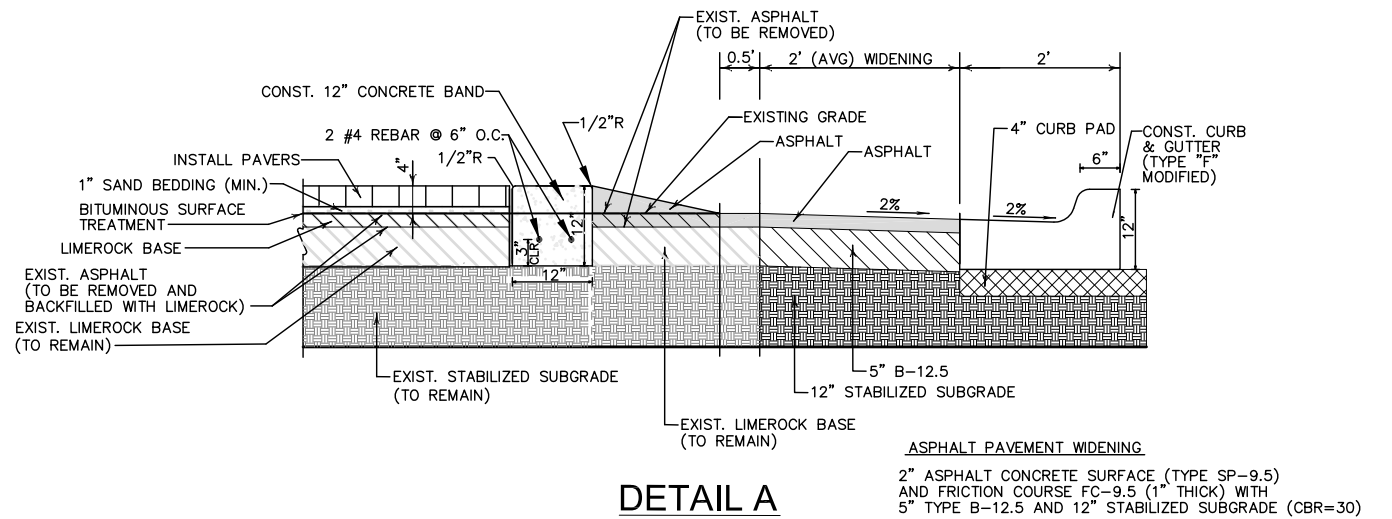
**NOTES:**

1. COLOR SAMPLES AND SPECIFICATIONS OF THE PAVERS SHALL BE SUBMITTED TO THE CITY OF CORAL GABLES FOR APPROVAL PRIOR TO INSTALLATION.

2. ALL CONCRETE SHALL BE CORAL GABLES BEIGE #3.



**FLAT-TOPPED SPEED CUSHION**



**DETAIL A**

**ASPHALT PAVEMENT WIDENING**

2" ASPHALT CONCRETE SURFACE (TYPE SP-9.5) AND FRICTION COURSE FC-9.5 (1" THICK) WITH 5" TYPE B-12.5 AND 12" STABILIZED SUBGRADE (CBR=30)

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 CORAL GABLES FORT MYERS  
 1750 PONCE DE LEON BLVD. CORAL GABLES FL 33134 TELEPHONE (305) 447-0900 FAX (305) 444-4986  
 CERTIFICATE OF AUTHORIZATION EB 2690

REVISIONS:	PROJECT:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LOCATE ALL UTILITIES BEFORE COMMENCING WITH PROJECT.

**BILTMORE DRIVE ROADWAY IMPROVEMENTS**

**TYPICAL SECTIONS AND DETAILS**

DATE	PROJECT NO.
09/26/16	16191
DRAWN	SHEET NO.
	2
CHECKED	
APPROVED	

GENERAL NOTES

1. BENCH MARK DATA IS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD-29).
2. ALL PUBLIC LAND CORNERS AND MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED BY CONTRACTOR AS FOLLOWS: CORNERS AND MONUMENTS IN CONFLICT WITH THE WORK AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED-LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO BEGINNING WORK AT THAT SITE. THE CONTRACTOR SHALL RETAIN THE LAND SURVEYOR TO REFERENCE, AND RESTORE UPON COMPLETION OF THE WORK, ALL SUCH CORNERS AND MONUMENTS AND SHALL FURNISH TO THE CITY OF CORAL GABLES A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING.
3. ANY N.G.V.D. BENCH MARK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED AND PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS PRIOR TO BEGINNING WORK AT THE SITE. IF ANY MONUMENT IS IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHALL NOTIFY RON TAYLOR, FLORIDA DEPT. OF NATURAL RESOURCES BUREAU OF SURVEYING AND MAPPING, 3900 COMMONWEALTH BLVD., MAIL STATION 105, TALLAHASSEE, FLORIDA 32399-3000, TELEPHONE (850) 488-2427.
4. GRADES SHOWN ARE FINISHED GRADES. ALL STATIONS AND OFFSETS ARE REFERENCED TO THE PROPOSED CENTERLINE OR BASELINE OF SURVEY.
5. FOR B.M. AND REFERENCE POINT INFORMATION CONTACT:  
  
CITY OF CORAL GABLES  
DEPARTMENT OF PUBLIC WORKS, DIVISION OF ENGINEERING  
2800 SW 72 AVENUE,  
MIAMI, FL 33155  
PHONE NO. (305) 460-5034
6. ALL RADII AND OFFSETS ARE TO EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
7. ALL EXISTING FEATURES ADJACENT TO THE RIGHT-OF-WAY THAT ARE IMPACTED BY THIS CONSTRUCTION SHALL BE REPAIRED / RESET AS REQUIRED.
8. CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO ADJACENT PROPERTY OWNERS 48 HOURS PRIOR TO CONSTRUCTION.
9. SODDING TO BE USED AT LOCATIONS WHERE EXISTING LAWNS ARE DISTURBED.
10. ALL DISPOSAL OF MATERIALS, RUBBISH AND DEBRIS SHALL BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRIOR APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DEPOSITED ON ADJACENT AND / OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY.
11. CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES. CONTRACTOR SHALL PROVIDE TEMPORARY DRIVEWAY CONNECTION ACCESS AS REQUIRED.
12. ALL TREES NOT AFFECTED BY GRADING ARE TO REMAIN, UNLESS OTHERWISE INDICATED.

13. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
14. THE CONTRACTOR SHALL PREPARE AN EROSION CONTROL PLAN AND APPLY TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR THE NPDES GENERAL CONSTRUCTION PERMIT PRIOR TO CONSTRUCTION.
15. ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
16. TWO FULL BUSINESS DAYS PRIOR TO DIGGING THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA, TELEPHONE NUMBER 811, AND THE UTILITY OWNER AND REQUEST UTILITY LOCATIONS. A CONTRACTOR'S REPRESENTATIVE MUST BE PRESENT WHEN UTILITY COMPANIES LOCATE THEIR FACILITIES.
17. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH UTILITY OWNERS FOR UTILITY OWNERS' RELOCATION OR ADJUSTMENT OF UTILITY LINES, MANHOLES, VALVE COVERS, BOXES, OR OTHER FACILITIES SO THAT CONTRACTOR'S WORK SCHEDULE IS NOT AFFECTED.
18. UTILITY INFORMATION HAS NOT BEEN VERIFIED HORIZONTALLY OR VERTICALLY. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ANY CONFLICTS WITH UTILITIES.
19. EXISTING UTILITIES OTHER THAN THOSE INDICATED IN THESE DRAWINGS MAY BE PRESENT. THE CONTRACTOR IS WARNED TO PROCEED WITH CAUTION. CONTRACTOR IS TO INVESTIGATE ALL POSSIBLE UNMARKED UTILITIES.
20. EXISTING UTILITIES ARE TO BE PROTECTED BY THE CONTRACTOR. ANY UTILITIES DAMAGED BY THE CONTRACTOR WILL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
21. CONTRACTOR IS RESPONSIBLE TO DETERMINE THE LOCATION, CHARACTER AND DEPTH OF EXISTING UTILITIES. THE CONTRACTOR SHALL ASSIST THE UTILITY COMPANIES BY EVERY MEANS POSSIBLE TO DETERMINE SAID LOCATIONS AND THE LOCATIONS OF RECENT ADDITIONS TO THE SYSTEMS NOT SHOWN. EXTREME CAUTION SHOULD BE EXERCISED BY THE CONTRACTOR TO ELIMINATE ANY POSSIBILITY OF DAMAGE TO UTILITIES DURING CONSTRUCTION. THE LOCATION OF ALL UTILITIES SHALL BE VERIFIED AND THE PROJECT REPRESENTATIVE NOTIFIED OF ANY CONFLICT WHICH MIGHT OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING WHICH CONDITIONS WILL NEED SHORING DURING EXCAVATION AND SHALL PROVIDE SUCH SHORING AND SUPPORT AS IS REQUIRED.
22. THE CONTRACTOR SHALL MAKE A THOROUGH INVESTIGATION OF THE SITE IN ORDER TO FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS.

23. THE CONTRACTOR IS ADVISED THAT PROPERTIES ADJACENT TO THE PROJECT HAVE ELECTRIC, TELEPHONE, GAS, WATER AND/OR SEWER SERVICE LATERALS WHICH MAY NOT BE SHOWN IN PLANS. THE CONTRACTOR MUST REQUEST THE LOCATION OF THESE LATERAL SERVICES FROM THE UTILITY COMPANIES.
24. PRE-TRENCHING IN THE ALIGNMENT AND GRADE OF PROPOSED PIPES, STRUCTURES, AND/OR SUB-GRADE SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND THE PROJECT REPRESENTATIVE WITH A SEVEN DAYS ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS.

25. KNOWN UTILITIES IN THE PROJECT LIMITS INCLUDED, BUT NOT LIMITED TO:

UTILITY OWNER	TELEPHONE NO.
COMCAST CABLE	954-447-8405
CITY OF CORAL GABLES SEWER & STORMWATER UTILITIES	305-460-5017
FLORIDA CITY GAS	305-835-3650
DADE COUNTY PUBLIC WORKS AND TRAFFIC	305-412-0891 EXT. 201
FLORIDA POWER AND LIGHT	305-219-9143
MIAMI - DADE ENTERPRISE TECHNOLOGY SERVICES DEPT	786-256-1554
MIAMI - DADE WATER & SEWER	786-268-5320
AT&T/DISTRIBUTION	954-723-2540



ENVIRONMENTAL NOTES

1. THE CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
2. THE CONTRACTOR SHALL REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE PROJECT ENGINEER AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
3. ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES. COST TO BE INCLUDED IN THE RELATED BID ITEM.
4. ALL LANDSCAPE IS DESIGNATED TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
5. ALL LANDSCAPE WITHIN 5 FEET OF CONSTRUCTION ACTIVITIES SHALL BE PROTECTED AS PER DESIGN STANDARD INDEX 544. COST OF TREE PROTECTION TO BE INCLUDED IN THE RELATED PAY ITEM.

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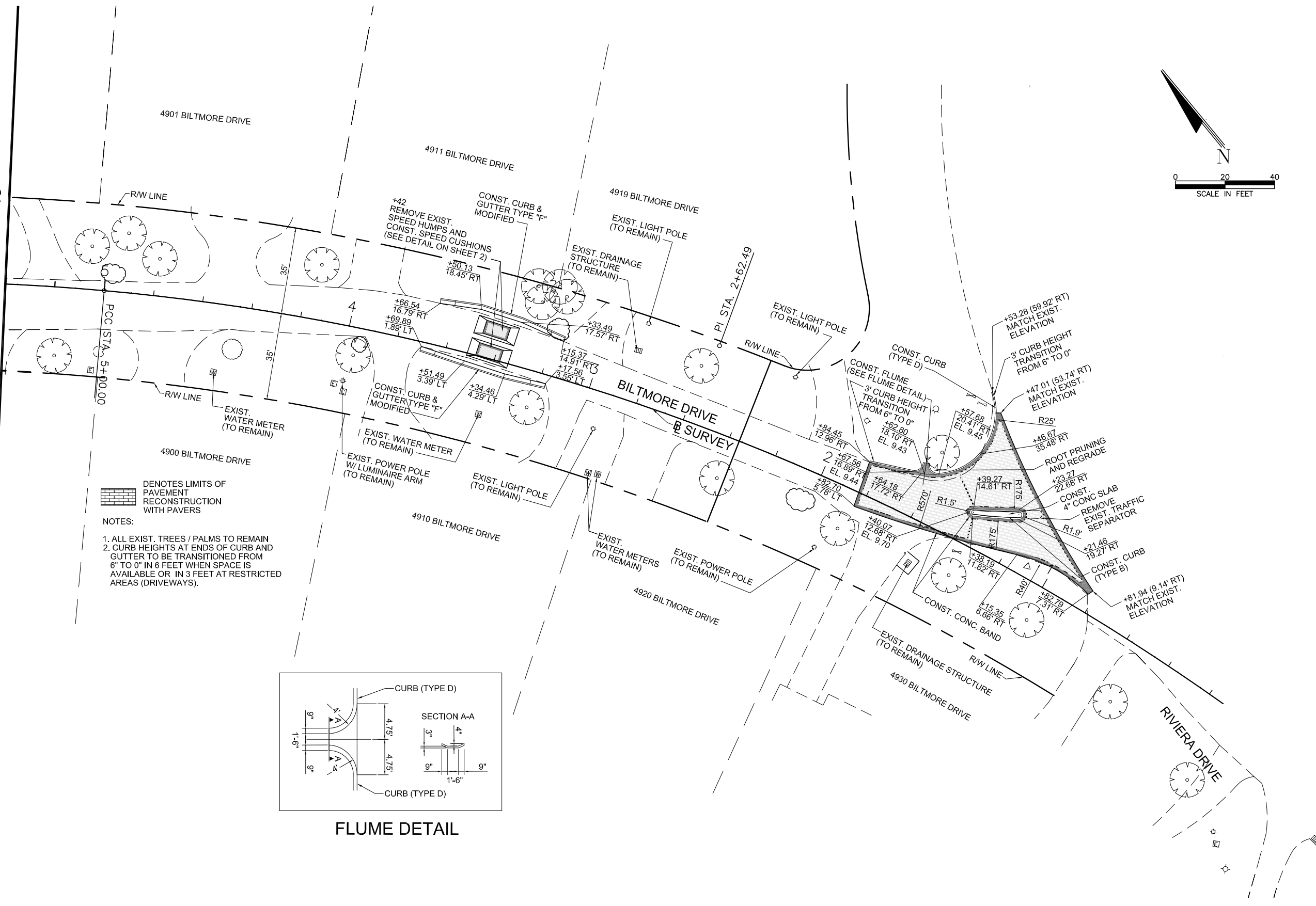
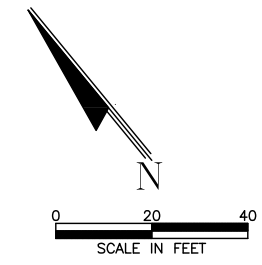
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CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LOCATE ALL UTILITIES BEFORE COMMENCING WITH PROJECT.	

PROJECT: **BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE: **GENERAL NOTES**

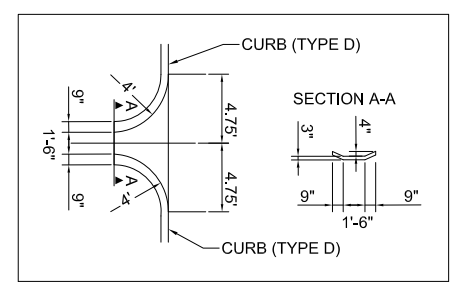
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DENOTES LIMITS OF PAVEMENT RECONSTRUCTION WITH PAVERS

- NOTES:
1. ALL EXIST. TREES / PALMS TO REMAIN
  2. CURB HEIGHTS AT ENDS OF CURB AND GUTTER TO BE TRANSITIONED FROM 6" TO 0" IN 6 FEET WHEN SPACE IS AVAILABLE OR IN 3 FEET AT RESTRICTED AREAS (DRIVEWAYS).



FLUME DETAIL



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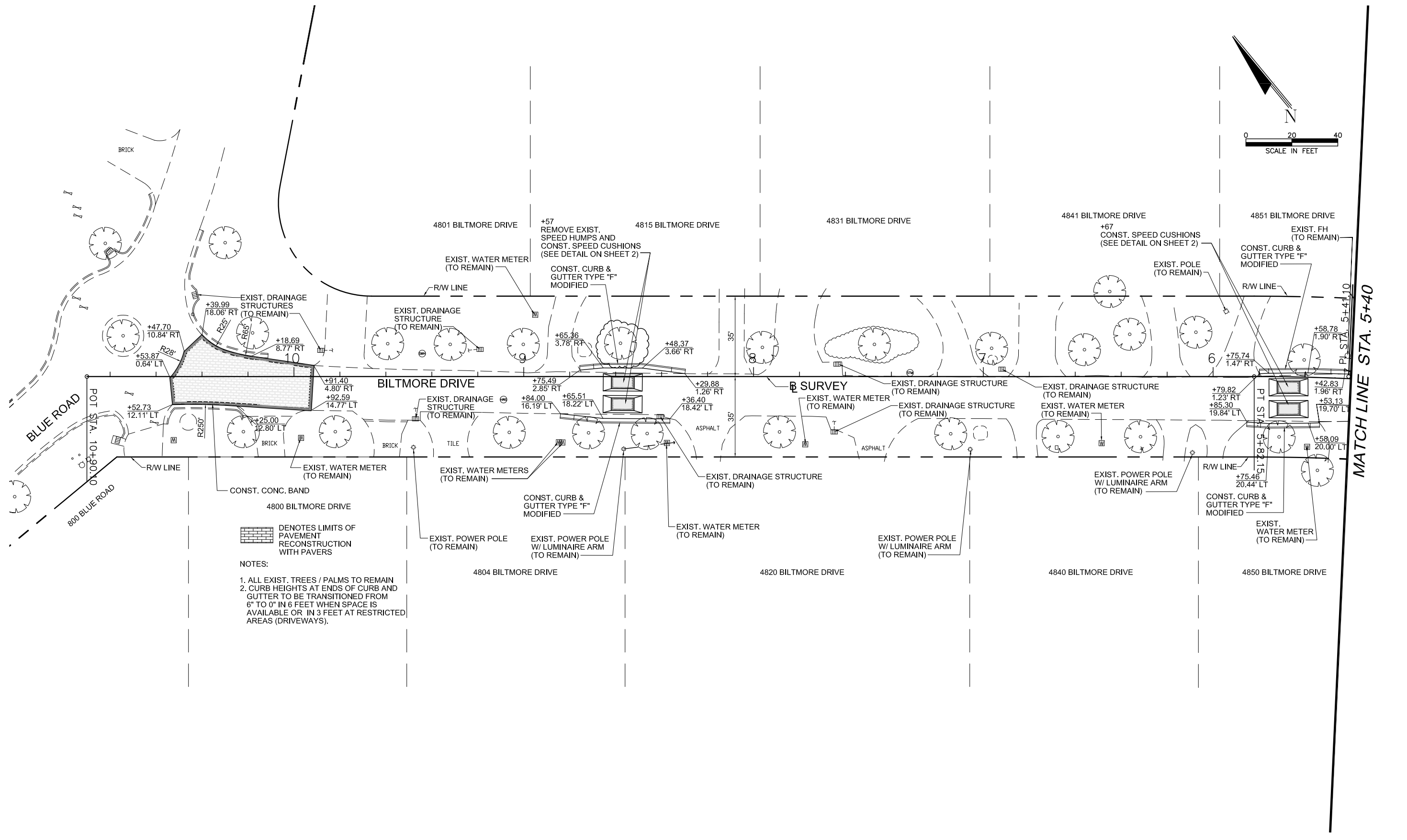
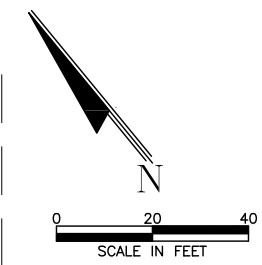
CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LOCATE ALL UTILITIES BEFORE COMMENCING WITH PROJECT.

PROJECT: **BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE: **ROADWAY PLAN**

DATE	09/26/16	PROJECT NO.	16191
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NOTES:  
 1. ALL EXIST. TREES / PALMS TO REMAIN  
 2. CURB HEIGHTS AT ENDS OF CURB AND GUTTER TO BE TRANSITIONED FROM 6" TO 0" IN 6 FEET WHEN SPACE IS AVAILABLE OR IN 3 FEET AT RESTRICTED AREAS (DRIVEWAYS).

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PROJECT: **BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE: **ROADWAY PLAN**

DATE	09/26/16	PROJECT NO.	16191
DRAWN		SHEET NO.	5
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APPROVED			

GENERAL:

1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT DESIGN STANDARDS (600 SERIES), THE STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AS MINIMUM CRITERIA.
2. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHoles THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM MAINTENANCE OF TRAFFIC.
3. NOTIFICATION OF LANE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 14 WORKING DAYS PRIOR TO CLOSURE, DETOUR OR MOT PHASE CHANGE BY SUBMITTING THE REQUIRED LANE CLOSURE FORM, SKETCHES, CALCULATIONS, AND OTHER DATA THROUGH THE ENGINEER.
4. AT THE DISCRETION OF THE ENGINEER, IF A LANE CLOSURE CAUSES EXTENDED CONGESTION OR DELAY, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME THAT THE TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL.
5. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
6. LANE CLOSURE SHALL OCCUR ONLY DURING NON-PEAK HOURS ON NON-EVENT DAYS/NIGHTS/WEEKENDS. NON-PEAK HOURS ARE:  
9:00 AM TO 3:30 PM – WEEKDAYS AND WEEKENDS
7. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE  
– BILTMORE DRIVE = 15 M.P.H.
8. ALL WORK SHALL BE PERFORMED DURING DAYTIME ONLY  
7:30 AM TO 7:00 PM – MONDAY THROUGH FRIDAY  
9:00 AM TO 5:00 PM – SATURDAY
9. ACCESS TO ALL PROPERTIES WITHIN THE AREA OF CONSTRUCTION SHALL BE PROVIDED DURING ALL PHASES OF CONSTRUCTION.
10. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM MAINTENANCE OF TRAFFIC.
11. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM MAINTENANCE OF TRAFFIC.
12. EACH EXISTING STREET NAME AND STOP SIGN SHALL BE MAINTAINED BY THE CONTRACTOR AS LONG AS DEEMED NECESSARY BY THE CITY OF CORAL GABLES.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN PAY ITEM MAINTENANCE OF TRAFFIC.

DROP OFFS:

14. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 600, SHEET 10. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.

MARKINGS:

15. COST OF REMOVAL OF WORK ZONE PAVEMENT MARKINGS (INCLUDING PAINT, REMOVABLE TAPE AND MARKERS), REGARDLESS OF METHOD, TO BE INCLUDED IN THE RELATED PAVEMENT MARKING/MARKERS PAY ITEMS. COST OF REMOVAL OF PAVEMENT MARKINGS AND MARKERS, EXISTING PRIOR TO CONSTRUCTION, TO BE INCLUDED IN MAINTENANCE OF TRAFFIC, LS.
16. TEMPORARY LANE TRANSITIONS, SHIFTS, AND CROSSOVERS SHALL HAVE SOLID LANE AND EDGE LINES FOR THE LENGTH OF THE TRANSITION, SHIFT OR CROSSOVER. IN ADDITION, SOLID LANE AND EDGE LINES SHALL EXTEND 100 FT ON TANGENT BEYOND EACH END OF THE TRANSITION, SHIFT, OR CROSSOVER. EXCEPTION SHALL BE THROUGH INTERSECTIONS WHERE 2 – 4 FT SKIP LINES WILL BE PLACED.
17. ALL TEMPORARY STRIPES AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS: DROP OFFS:

18. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 6 IN ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED HANDRAIL. COST SHALL BE INCLUDED IN PAY ITEM MAINTENANCE OF TRAFFIC.

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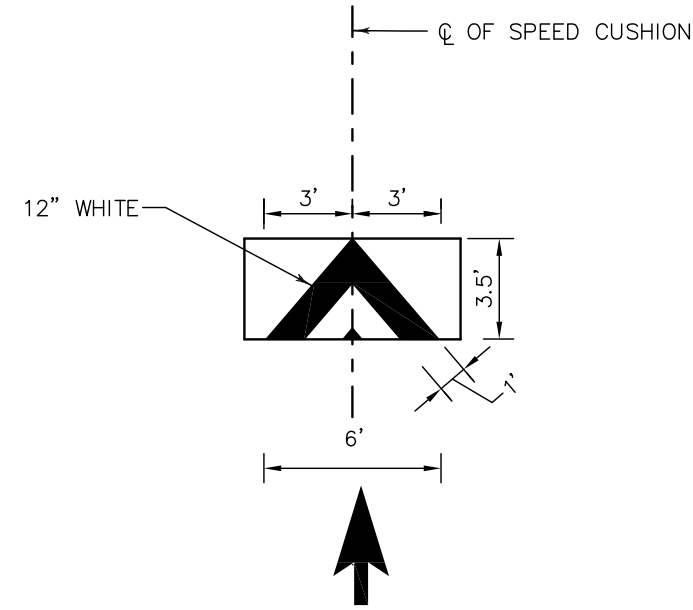
PROJECT: **BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE: **TRAFFIC CONTROL PLAN GENERAL NOTES**

DATE	PROJECT NO.
09/26/16	16191
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APPROVED	

SIGNING AND PAVEMENT MARKING NOTES:

1. ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE 2009 EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS, FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS. ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
3. INCORRECTLY PLACED (THERMOPLASTIC OR) PAINT MARKINGS OVER FRICTION COURSE WILL BE REMOVED BY MILLING AND REPLACING THE FRICTION COURSE A MINIMUM WIDTH OF 18 IN AT THE CONTRACTOR'S EXPENSE. THE ENGINEER MAY APPROVE AN ALTERNATIVE METHOD IF IT CAN BE DEMONSTRATED TO COMPLETELY REMOVE THE MARKINGS WITHOUT DAMAGING THE ASPHALT.
4. THE CONTRACTOR SHALL SUBMIT A LIST OF THE EXISTING SIGNS TO THE PROJECT ENGINEER AT THE PRE-CONSTRUCTION CONFERENCE. ANY LOST OR DAMAGED DURING CONSTRUCTION SIGNS SHALL BE REPLACED AT NO ADDITIONAL COST. COST OF MAINTAINING OF EXISTING SIGNS TO BE INCLUDED IN MAINTENANCE OF TRAFFIC.

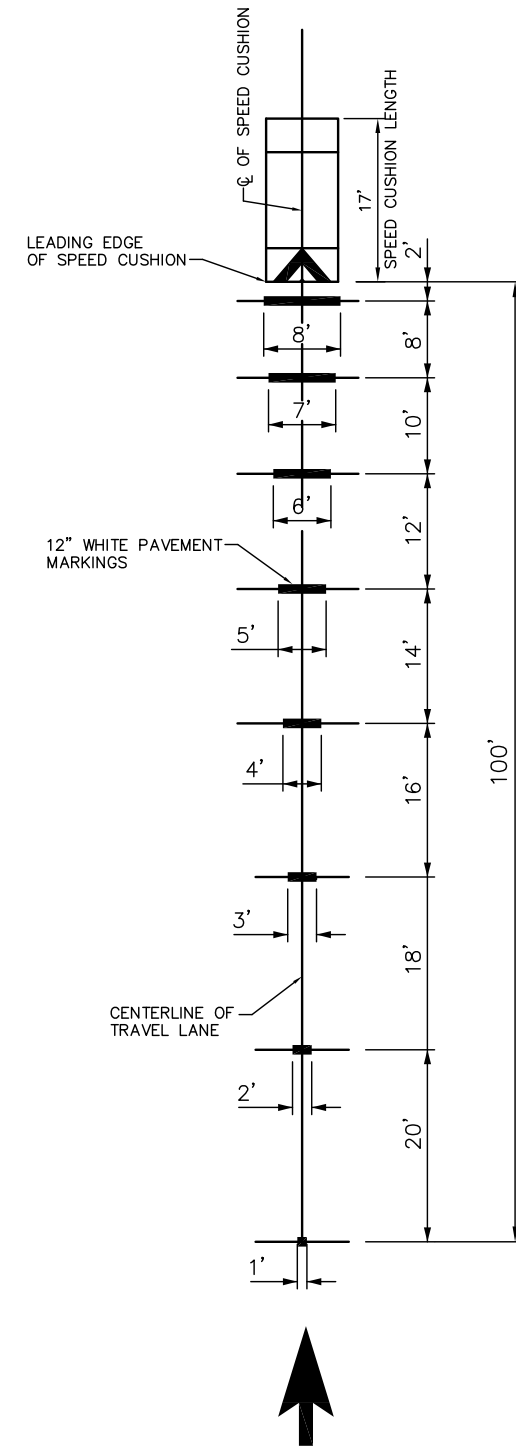


DETAIL 1

NOTE:

ALL SPEED CUSHION SURFACES SHALL BE IN BLACK WITH WHITE STRIPING.

➔ DENOTES DIRECTION OF TRAVEL



DETAIL 2

SPEED CUSHION ADVANCE WARNING MARKINGS

➔ DENOTES DIRECTION OF TRAVEL

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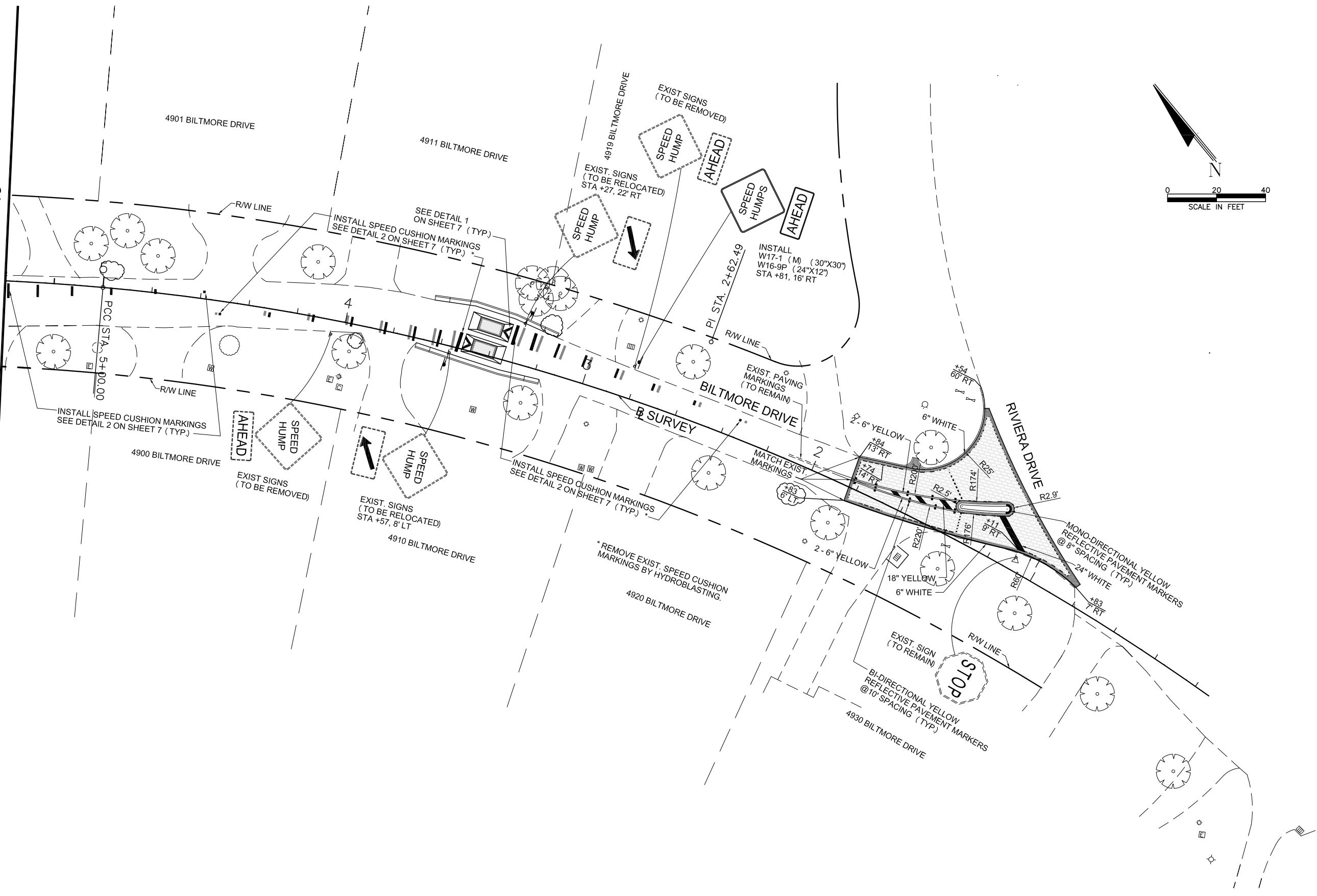
PROJECT:  
**BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE:  
**SIGNING AND PAVEMENT MARKING GENERAL NOTES AND DETAILS**

DATE 09/26/16	PROJECT NO. 16191
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 TRANSPORTATION • CIVIL • STRUCTURAL • ENVIRONMENTAL  
 CORAL GABLES FORT MYERS  
 1750 PONCE DE LEON BLVD. CORAL GABLES FL 33134 TELEPHONE (305) 447-0900 FAX (305) 444-4986  
 CERTIFICATE OF AUTHORIZATION EB 2690

REVISIONS:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS & LOCATE ALL UTILITIES BEFORE COMMENCING WITH PROJECT.

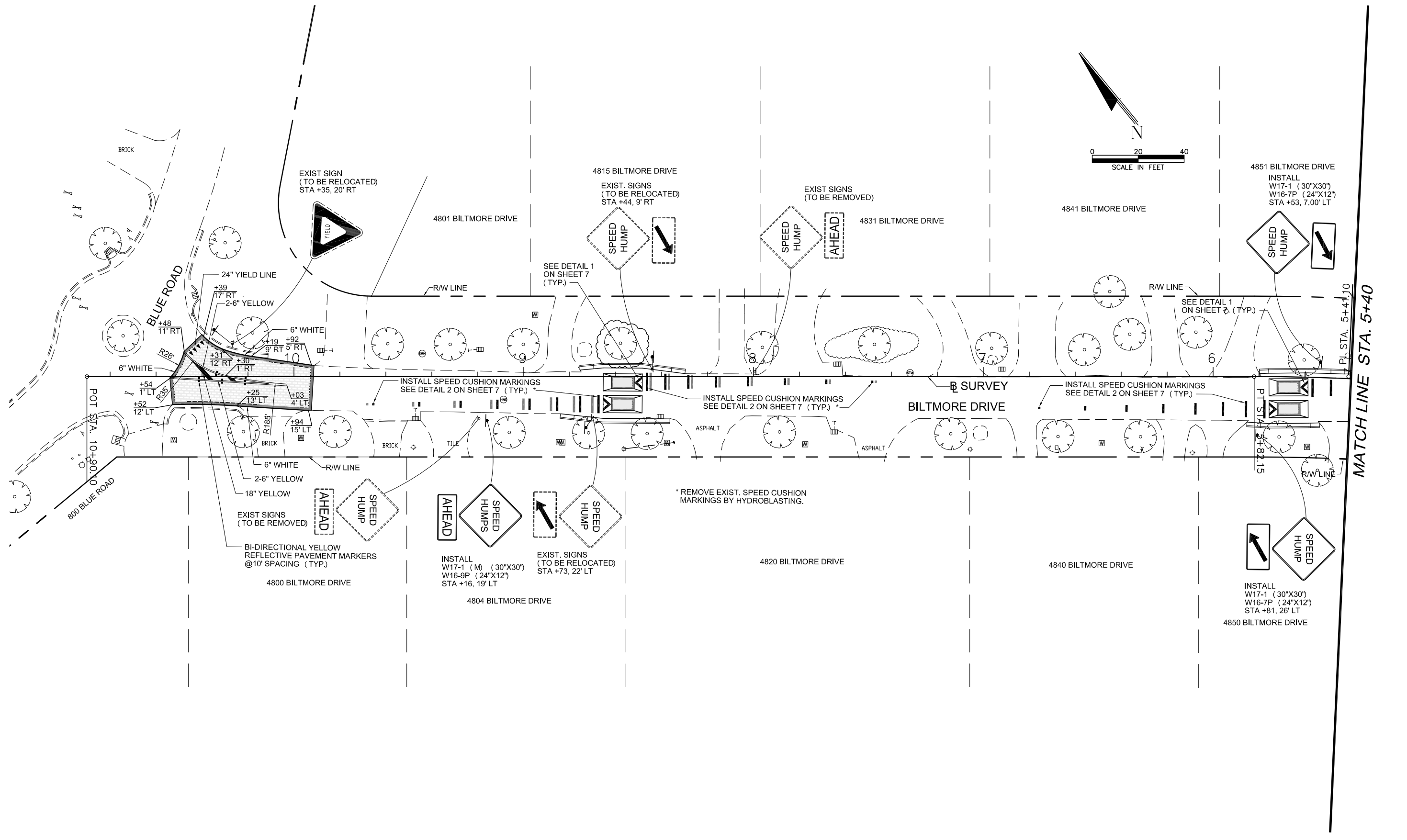
PROJECT:  
**BILTMORE DRIVE ROADWAY IMPROVEMENTS**

TITLE:  
**SIGNING AND PAVEMENT MARKING PLAN**

DATE	PROJECT NO.
09/26/16	16191
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DATE	09/26/16	PROJECT NO.	16191
DRAWN		SHEET NO.	9
CHECKED			
APPROVED			