ADDENDUM NO. 1

BID TITLE: Sidewalk Repairs and Pavement Marking Refurbishment Surtax-Funded

Municipal Transportation Project No. BC-Weston-FY2020-00004

BID NO: 2023-12

DATE: December 1, 2023

To All Bidders:

Bidders for the above referenced Bid shall take note of the following changes, additions, deletions, clarifications, etc., to the bid documents, which shall become a part of and have precedence over anything shown or described otherwise.

A. CHANGES IN THE BID DOCUMENTS

1) The "Bid Plans" are hereby being replaced with the attached "Revised Bid Plans".

B. CLARIFICATIONS

None.

C. QUESTIONS FROM BIDDERS

1. Q: What is the engineer estimate for this project?

A: The estimated budget is \$200,000.00.

2. Q: Is an Arborist required for root cutting?

A: Yes.

3. Q: Are there going to be root cutting inspections?

A: Yes.

4. Q: Are there going to be forms inspections before pouring concrete?

A: Yes.

5. Q: Are density compaction tests required for sidewalk or curb base?

A: No.

6. Q: Are concrete cylinder tests required?

A: Yes.

7. Q: For the ADA Ramps, there are 6 on the Bid items to be replaced, but on the plans there are 73 total. Which one is the correct amount of ADA Ramps to be replaced?

A: See Revised Bid Plans attached herein.

8. Q: Most of the existing curbs in front of the ramps don't meet the ADA requirements for a curb ramp. If existing curbs need to be removed and reinstalled, where do we allocate the cost for curb demolition and curb installation? Line item #12 mentions curb installation but not demolition.

A: See Revised Bid Plans attached herein.

9. Q: Is the existing striping required to be removed or is striping on top of existing is acceptable?

A: Yes, remove by grinding and include costs in the respective pay items.

10. Q: Will the pavement markings be inspected by Broward County?

A: Yes.

11. Q: Are final as-builts required for all concrete work?

A: Red lined as-builts are required.

12. Q: Can the bid line items be modified to include general conditions such as mobilization, bonding & permit costs, and maintenance of traffic?

A: Incorporate General Conditions costs in the pay line items.

ATTACHMENTS

1. Revised Bid Plans

END OF ADDENDUM NO. 1 All other information remains as originally described in the solicitation.

SIDEWALK REPAIRS AND PAVEMENT MARKING REFURBISHMENT

MERIDIAN BUSINESS CAMPUS

Weston, Florida 33326



LOCATION PLAN

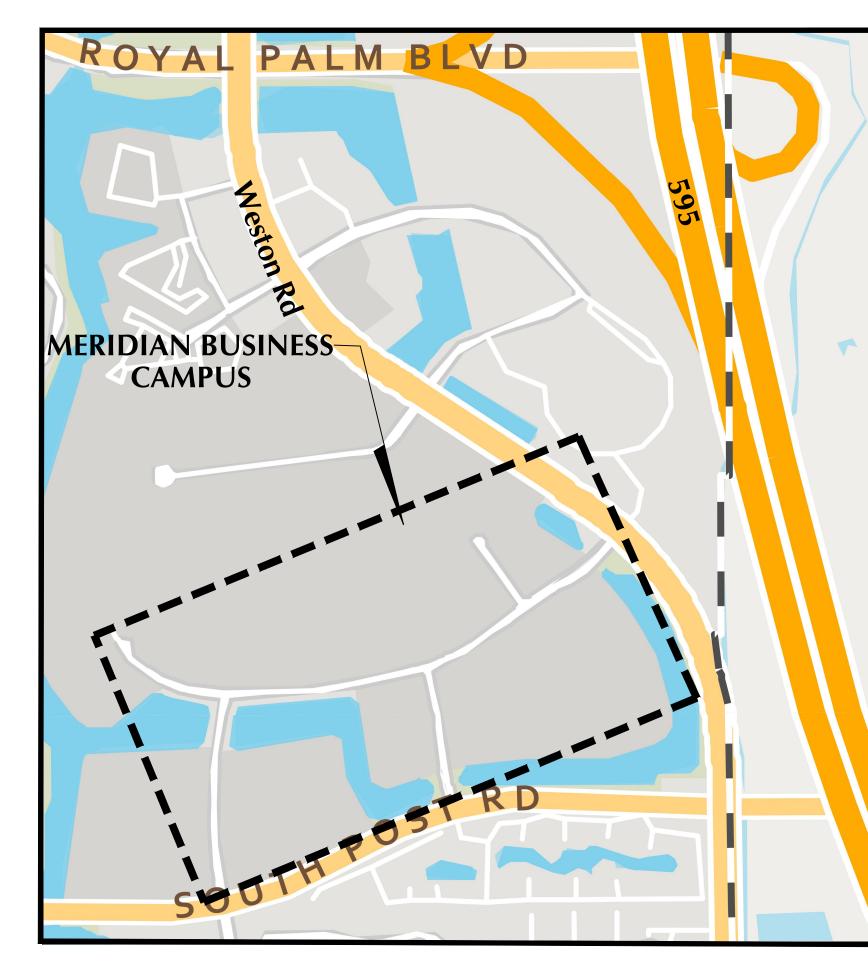
SHEET NO. SHEET TITLE

PROJECT NOTES 2 TO 3 SITE PLAN-PAVEMENT MARKING 14 TO 23 SITE PLAN -SIDEWALK REPAIRS AND CURB RAMP REPLACEMENT SIDEWALK REPAIR LOCATION MAP CONCRETE CURB AND SIDEWALK DETAILS 25 26 TRUNCATED DOME PAVERS DETAIL 27 BROWARD COUNTY PAVEMENT MARKINGS AND SIGNS DETAILS **BROWARD COUNTY STOP SIGN AND STREET** 28

IDENTIFICATION ASSEMBLY TYPICAL DETAILS BROWARD COUNTY GROUND SIGN ASSEMBLY 29

DETAILS

FDOT STD. DETAILS - SIDEWALK AND CURB RAMPS 30 TO 32



Project Location Map





CITY OFFICIALS

MAYOR: MARGARET BROWN

COMMISSIONERS: BYRON L. JAFFE

> **MARY MOLINA-MACFIE CHRIS EDDY**

HENRY MEAD

DONALD P. DECKER **CITY MANAGER/CEO:**

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DATE APPROVED			•		
CGA/COW INITIALS	1	ı	-		
DATE SUBMITTED	-	•	-		
PERMITTING AGENCIES	CITY OF WESTON - BUILDING DEPARTMENTAPPROVAL	CITY OF WESTON - UTILITY ENGINEERING APPROVAL	CITY OF WESTON - LANDSCAPING APPROVAL	CITY OF WESTON - ZONING APPROVAL	

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BROWARD COUNTY TRAFFIC ENGINEERING DIVISION NOTES

THE FOLLOWING ITEMS ARE NOT REVIEWED OR ACCEPTED BY BROWARD COUNTY:

- 1. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECT'S DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.
- 2. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT REVIEW AND APPROVE, OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN - ROAD LIGHTNING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHTS-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.
- 3. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVER BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVER BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING PAINTED/DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, ADVANCED WARNING PAVEMENT MARKINGS FOR SPEED TABLES, BLINKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN - ROAD LIGHTNING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHTS-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.



Bid No. 2023-12 Revised Bid Plans **BID SET 11-28-30**

A. General Notes

- 1. The CONTRACTOR shall furnish all mobilization, labor, supervision, materials, equipment, supplies, tools, safety measures, Maintenance of Traffic (MOT) services and all incidentals required to perform the work required in this project.
- 2. For all Bid Items stated unit price shall include materials, labor, supervision, equipment and all incidentals to complete the work.
- 3. The CONTRACTOR shall take photographs or videos of the jobsite prior to start of the construction.
- 4. The CONTRACTOR shall not store any equipment overnight within the right-of-way.
- 5. The CONTRACTOR may be allowed space for equipment staging at a CITY facility provided space is available at the time of the request. Final approval shall be determined by the CITY. The CITY shall not be held liable for damage or injury caused by CONTRACTOR's equipment stored at a CITY property. If requested by the CITY, the CONTRACTOR shall immediately remove all equipment from CITY facility within 2 hours of being notified. Failure to do so will result in removal of the equipment by the CITY. The CONTRACTOR shall reimburse the CITY all costs associated with the removal of the equipment. Costs include but are not limited to: towing or transportation expenses, staff labor costs and other related CITY contract provider expenses.
- 6. The CONTRACTOR shall ensure all equipment safety devices recommended by the manufacturer are installed and properly maintained.
- 7. The CONTRACTOR shall ensure that before the commencement of any work, it shall provide a control plan for the protection from damage of adjacent, surrounding property, real estate, vehicles, and equipment. The CONTRACTOR is responsible for any damage to surrounding property, real estate, vehicles, and equipment as a result of the construction work and shall repair such damage to the satisfaction of the City Inspector, at no expense to the City.
- 8. The CONTRACTOR shall report to the City promptly and replace any damaged area, facility and equipment.
- 9. All accidents occurring on the job which damage public or private property, or result in injuries to workers or other persons, or damage to utilities shall be promptly reported to the City.
- 10. Any incidental item of material, labor or detail required for the proper completion of the work omitted from these specifications but obviously required by governing laws, local regulations, trade practices or good workmanship shall be provided without extra charge even though not specifically detailed or mentioned.
- 11. The CONTRACTOR shall maintain a clean and safe work environment.
- 12. All existing structures, utilities, services, roads, etc., shall be protected against damage or interrupted service at all times by the CONTRACTOR and the CONTRACTOR shall be held responsible for any damage caused by reason of his operations on the property.
- 13. The CONTRACTOR shall prevent damage to any tree or shrubs. It shall be the CONTRACTOR'S responsibility to replace the damaged tree at no expense to the City and at the satisfaction of the City's Landscaping Department. All tree and root pruning must be done by City registered Arborist.
- 14. Work activities such as road closures and night and weekend work shall be coordinated and approved by the City.
- 15. The CONTRACTOR shall keep the project limits free from accumulation of waste materials, rubbish and other debris resulting from the work.
- 16. After completion of the work the CONTRACTOR shall remove all waste materials and debris from around the worksite.
- 17. At all times CONTRACTOR shall take precautionary measures to prevent fire hazards and spontaneous combustion.
- 18. For the purpose of this solicitation, Bid Items stated were estimated . Payment shall be based on installed quantities and measured prior to payment.

B. Concrete Curb, Sidewalk or Walkway

- 1. Concrete material shall be plant mix, 3,000 psi, 28-day strength and shall be properly formed and pitched for drainage and ADA compliance.
- 2. Base shall be a minimum of four (4) inch thick well compacted lime rock base.
- Sidewalk & curb shall conform to FDOT specifications in the current FDOT Design Index 520-001 for Curb and Gutter and Index 522-001 for Sidewalk and the FDOT Standard Specifications for Roads & Bridge Construction.
- 4. Concrete thickness shall be per plans.
- 5. Sidewalk and Curb Ramps shall be constructed per current FDOT Index 522-002.
- 6. The ADA truncated dome detectable warning surface shall be per City of Weston Standard Detail R-19A.
- 7. CONTRACTOR shall provide and maintain orange safety cap protection on all concrete form pins or steel rebars.
- 8. Limits of concrete sidewalk replacement segments shown on the plans shall be verified with the City prior to repair/replacement.

C. Root Guard or Barrier

1. Root barrier material shall be the Bio-Barrier root guard and shall be twenty four (24) inches wide and installed per manufacturer's instructions. The root pruning shall be performed by a City registered arborist.

D. Pavement Marking

- 1. Pavement marking material shall be Thermoplastic & must conform to the most current edition of the FDOT APL & Standard Specifications for Roads & Bridge Construction and manufacturer's application instruction.
- CONTRACTOR shall install a temporary latex paint pavement marking with reflective glass beads immediately after paving. The permanent or final Thermoplastic pavement traffic markings material shall be applied or installed after 30 days of asphalt curing.

E. Permits

- 1. No work shall be permitted without approval from the City.
- 2. Permits shall be acquired by the CONTRACTOR and Engineering Permit fee shall be waived.
- 3. CONTRACTOR shall be responsible for all coordination with permit agencies.

F. Staff

The CONTRACTOR shall maintain the personnel resources necessary to manage staff and perform the work within this contract.

G. Maintenance of Traffic

- 1. CONTRACTOR shall be responsible for Maintenance of Traffic (MOT).
- 2. The CONTRACTOR shall be responsible for submitting a detailed MOT that must be approved by the City prior to starting work.
- 3. The CONTRACTOR shall reference to FDOT Index 102-600 for MOT design applicable to the project.

- 4. The CONTRACTOR shall keep the MOT plan available for review at all times. The CONTRACTOR shall furnish, erect, and maintain all necessary traffic control devices in accordance with the approved MOT and the Manual of Uniform Traffic Control Devices (MUTCD) and the Florida Department of Transportation Roadway Design Standards.
- 5. The CONTRACTOR shall maintain the MOT elements to the final completion of the project.

H. Products

1. CONTRACTOR shall provide the technical data sheet and shop drawings in accordance with what is specified in the plans for the City to review and approve.

I. Execution

- Method It is the responsibility of the CONTRACTOR to develop the methodology, material and equipment used to obtain the results specified while adhering to the requirements set forth in these documents.
- 2. Supervision and Responsibility The CONTRACTOR shall at all times enforce strict discipline and good order among his employees and shall not employ an unfit person or anyone not skilled in the Work assigned to him. SUBCONTRACTOR's whose work is unsatisfactory to the City or who are considered by the City's representative as careless, incompetent, unskilled or disorderly or who use threatening or abusive language to any person shall be dismissed from work upon notice from the City and shall not be employed to perform the Work thereafter. No liquor, alcoholic beverages or drugs shall be allowed on the site of the Work. The CONTRACTOR shall operate a drug free workplace.
- B. Uniforms CONTRACTOR shall provide all employees with color coordinated uniforms that shall meet the City's public image requirements and be maintained by CONTRACTOR so that all personnel are neat, clean and professional in appearance at all times. Non-uniform clothing will not be permitted, including for new employees.
- 4. Vehicles CONTRACTOR shall keep all vehicles in good repair, free from leaking fluids, properly registered, of uniform color and shall bear the company name on each side in not less than 1½" letters.
- 5. Equipment Safety CONTRACTOR shall keep all equipment in an efficient and safe operating condition while performing work under the contract. Equipment shall have proper safety devices maintained at all times while in use. If equipment does not contain proper safety devices and/or is being operated in an unsafe manner, the City may direct the CONTRACTOR to remove such equipment and/or the operator until the deficiency is corrected to the satisfaction of the City. The CONTRACTOR shall be responsible and liable for injury to persons and property caused by the operation of the equipment.
- Discovery and Notification If the CONTRACTOR discovers damages, vandalism or theft, the CONTRACTOR shall immediately notify the City of same, and shall file a police report of the occurrence.
- 7. The CONTRACTOR will perform all work in a manner that minimizes road hazards for the motoring public. All reasonable precautions will be taken to protect public and private property, such as sidewalks, pavement, lawns, fences, bushes, trees, shrubs, buildings, and other property from undue damage. If the City determines that CONTRACTOR has unnecessarily damaged or destroyed property, it shall be repaired or replaced to the satisfaction of the City at the CONTRACTOR'S expense.



J. Stormwater Pollution Prevention

- 1. The CONTRACTOR shall prepare and submit a Stormwater Pollution Prevention Plan (SWPPP) to the Engineer/City for review and approval.
- 2. SWPPP elements are to be installed throughout the clearing and grubbing limits, or at the locations directed by the City. These elements include but are not limited to filter fabrics, silt socks, hay bales, silt fences, turbidity barriers etc.
- 3. SWPPP elements shall be installed at all areas prior to excavation or fill
- 4. All streams or ditches are to be protected from erosion or siltation by the methods detailed in the SWPPP.
- 5. All inlet entrances are to be protected from siltation as detailed in the SWPPP.
- 6. SWPPP elements are to be maintained throughout the life of the project as necessary for the various construction phases. The CONTRACTOR must insure that all of these elements function properly at all times.
- 7. The SWPPP submitted by the CONTRACTOR shall describe in detail how the construction effort will be staged with regards to minimizing erosion problems by the use of temporary and permanent erosion control measures implemented.
- 8. Outfall protection project pipe or ditch discharges into off-site outfalls shall be inspected daily for sediment buildup or transport. Outfalls shall be protected, as directed by Project Engineer, through use of SWPPP elements as necessary to contain any sediment loss to the immediate area of the project. Any sediment buildup or transport off site shall be CONTRACTOR'S responsibility to remedy.
- 9. Silt fences and hay bales silt fences shall be placed at the base of any slope where a rainfall event could erode a slope and transport sediments off-site. Hay bales shall be placed at the downstream end of cross drain pipe prior to off-site discharge and across proposed ditches prior to discharge into existing ditches. If erosion deposits reach top elevation of silt fences or bales, sediments should be removed. Damaged or ineffective silt fences or bales are to be replaced. The Engineer may specify other measures as necessary.
- 10. Stockpiled materials this material shall not be left in erosion prone areas unless protected by cover or bales.
- 11. Daily inspection inspection of all storm water pollution prevention measures and condition of adjacent properties shall be performed by the CONTRACTOR.

 Deficiencies shall be noted and corrected.
- 12. All erosion and material deposits must be contained within the project limits.
- 13. CONTRACTOR shall provide a silt fence at drainage structures, swales and water bodies at the direction of Engineer.
- 14. Protect existing catch basins on site and in the immediate vicinity of the site with filter fabric or hay bales.
- 15. Install soil tracking prevention device, if required.
- 16. Trash and waste material generated on site during construction shall be removed on a daily basis.
- 17. CONTRACTOR shall provide trash receptacles on site.

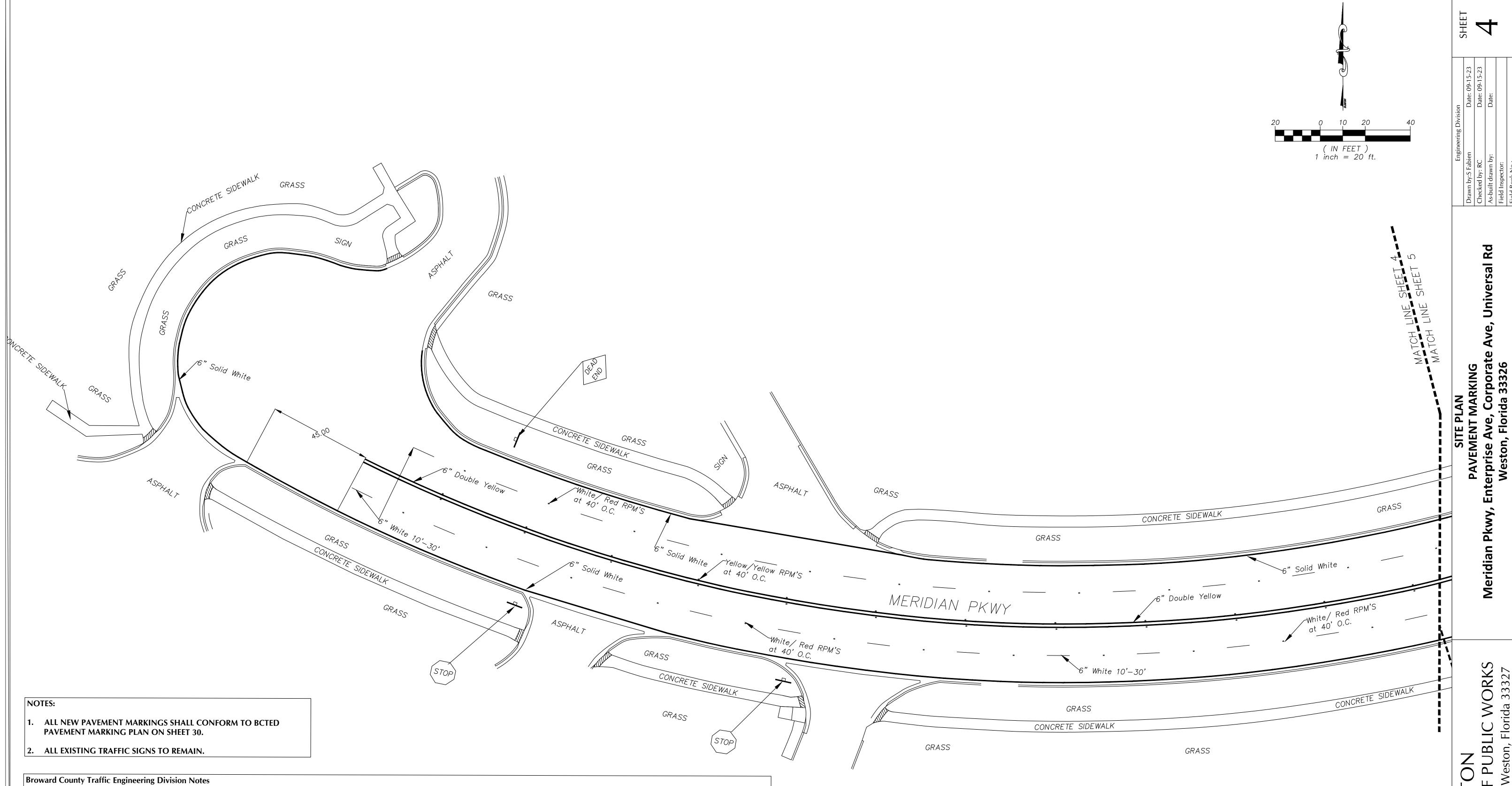
K. Landscaping

- All proposed root pruning and tree trimming must be done in accordance with the City of Weston Code requirements by a City of Weston registered tree professional
- 2. Coordinate with City of Weston Landscape Inspector to inspect the tree protection barriers prior to root pruning and tree trimming activities.
- 3. Saint Augustin "Palmetto" sod to be utilized for all proposed sod and repairs to existing sod damaged by construction activities.
- 4. All sod to be healthy, weed / pest free (including fungus and disease) Saint Augustin "Palmetto" and laid smooth over 2" specified planting soil with tight alternating and abutting joints which conform to curbs and planters.
- 5. Call the City of Weston Landscape Inspector at 954-921-7781 to schedule a pre-construction landscape meeting prior to commencement of construction.
- 6. The CONTRACTOR must be responsible to investigate and to coordinate with the City and property Owner's for the existing irrigation systems that must be cut and capped prior to start of construction and to ensure the irrigation of the remaining plant materials covered by the existing irrigation systems. There may be private irrigation systems in the right-of-way limits of construction.
- 7. The CONTRACTOR must be responsible to water the newly installed sod and plant materials seven (7) days a week for thirty (30) days or until the sod are established and accepted by the City Landscape Inspector.
- 8. Any irrigation that is damaged during construction must be capped or repaired to equal or better immediately. Additionally, during the final inspection an irrigation inspection must be done to verify that the irrigation is working appropriately. The irrigation must achieve 100%, coverage, 100% overlap and no overspray on impervious areas.
- 9. Provide tree protection, barricades around all trees that may be affected by the construction. Be aware of the existing tree canopy, trunks and roots to prevent damage during the construction.

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awn by: J Casio Date: 10-12-23 ecked by: RC Date: 10-26-23 built drawn by: Date: 10-26-23 drawn by:



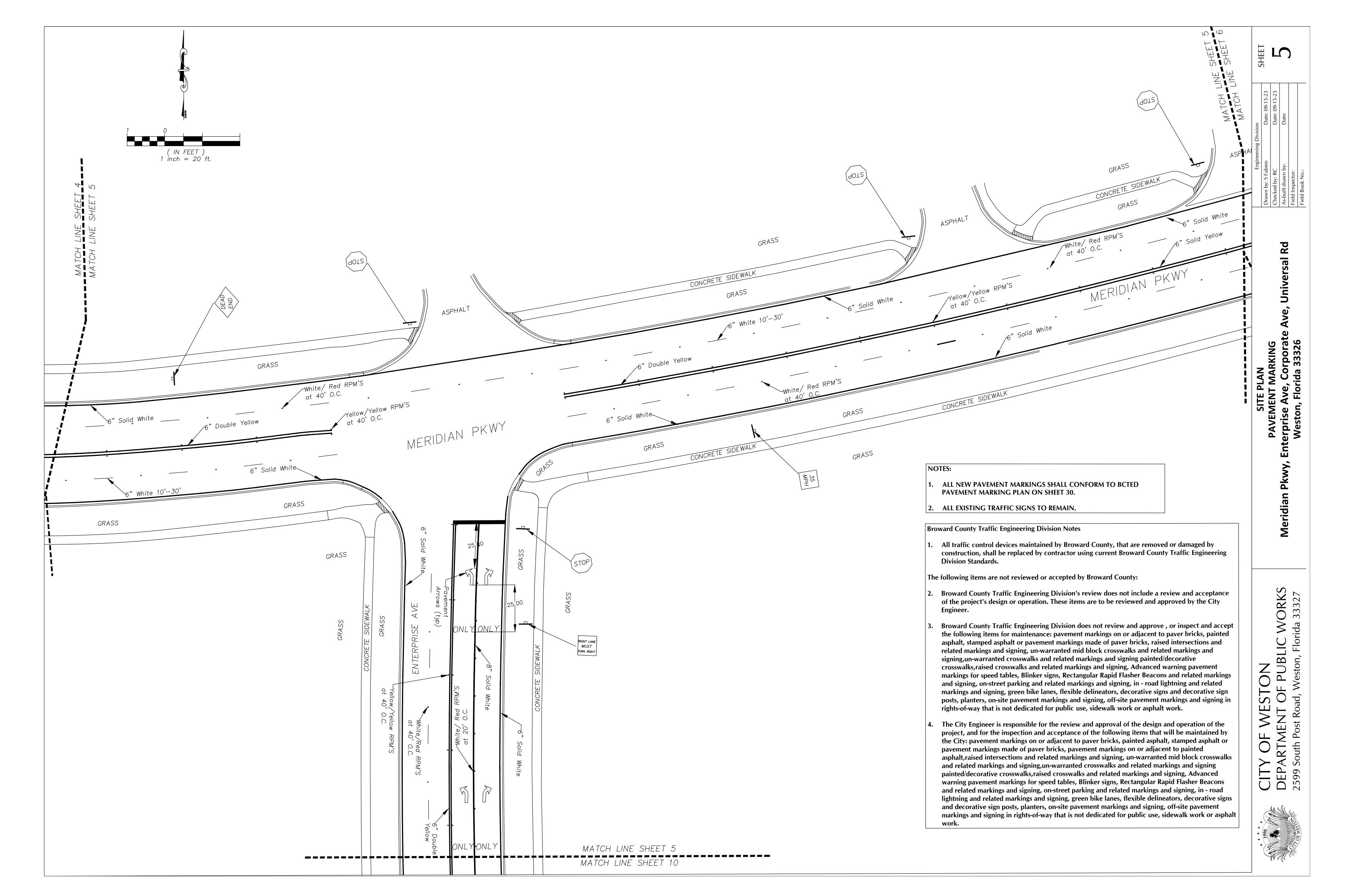


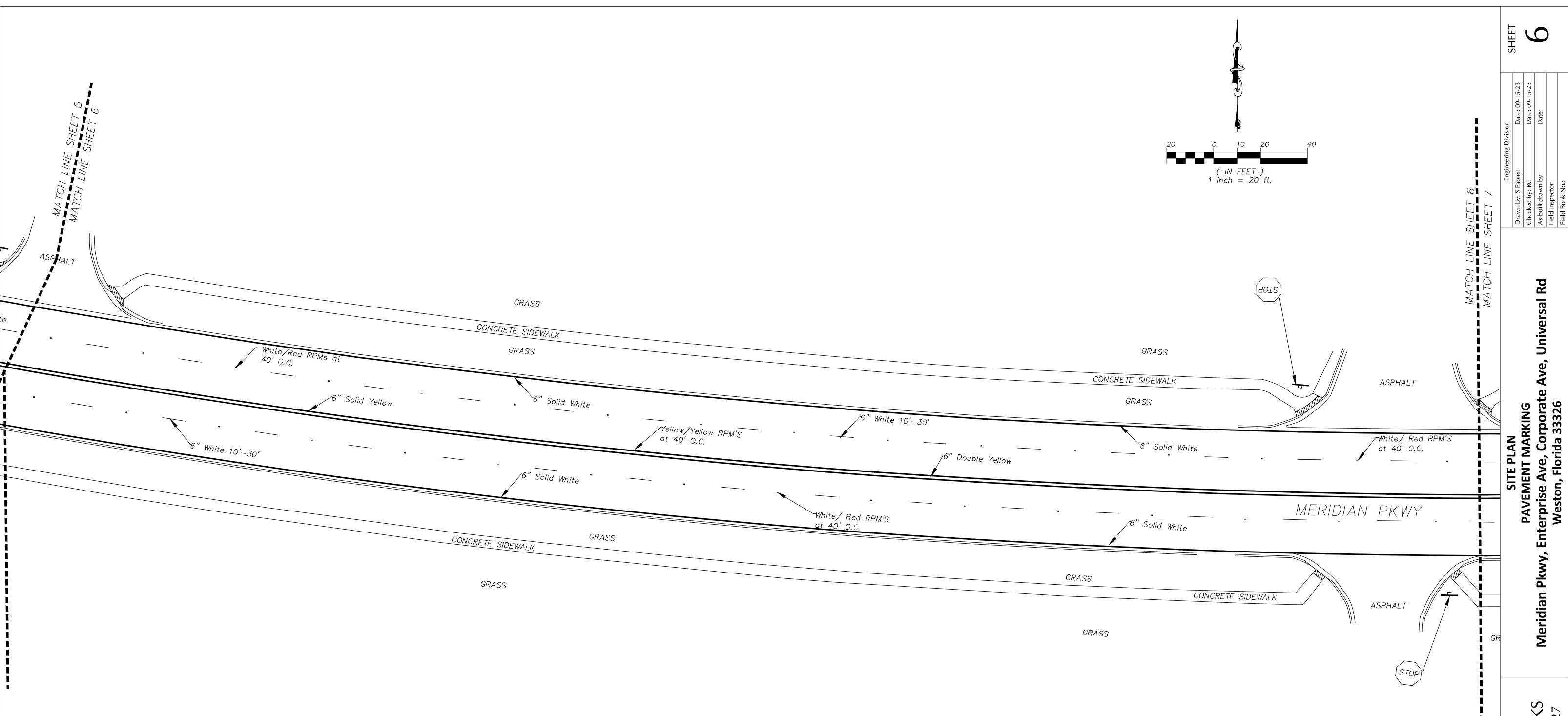
1. All traffic control devices maintained by Broward County, that are removed or damaged by construction, shall be replaced by contractor using current Broward County Traffic Engineering Division Standards.

The following items are not reviewed or accepted by Broward County:

- 2. Broward County Traffic Engineering Division's review does not include a review and acceptance of the project's design or operation. These items are to be reviewed and approved by the City Engineer.
- 3. Broward County Traffic Engineering Division does not review and approve, or inspect and accept the following items for maintenance: pavement markings on or adjacent to paver bricks, painted asphalt, stamped asphalt or pavement markings made of paver bricks, raised intersections and related markings and signing, un-warranted mid block crosswalks and related markings and signing, un-warranted crosswalks and related markings and signing pavement markings for speed tables, Blinker signs, Rectangular Rapid Flasher Beacons and related markings and signing, on-street parking and related markings and signing, in road lightning and related markings and signing, green bike lanes, flexible delineators, decorative signs and decorative sign posts, planters, on-site pavement markings and signing, off-site pavement markings and signing in rights-of-way that is not dedicated for public use, sidewalk work or asphalt work.
- 4. The City Engineer is responsible for the review and approval of the design and operation of the project, and for the inspection and acceptance of the following items that will be maintained by the City: pavement markings on or adjacent to paver bricks, painted asphalt, stamped asphalt or pavement markings made of paver bricks, pavement markings on or adjacent to painted asphalt, raised intersections and related markings and signing, un-warranted mid block crosswalks and related markings and signing painted/decorative crosswalks, raised crosswalks and related markings and signing, Advanced warning pavement markings for speed tables, Blinker signs, Rectangular Rapid Flasher Beacons and related markings and signing, on-street parking and related markings and signing, in road lightning and related markings, green bike lanes, flexible delineators, decorative signs and decorative sign posts, planters, on-site pavement markings and signing, off-site pavement markings and signing in rights-of-way that is not dedicated for public use, sidewalk work or asphalt work.







NOTES:

- 1. ALL NEW PAVEMENT MARKINGS SHALL CONFORM TO BCTED PAVEMENT MARKING PLAN ON SHEET 30.
- 2. ALL EXISTING TRAFFIC SIGNS TO REMAIN.

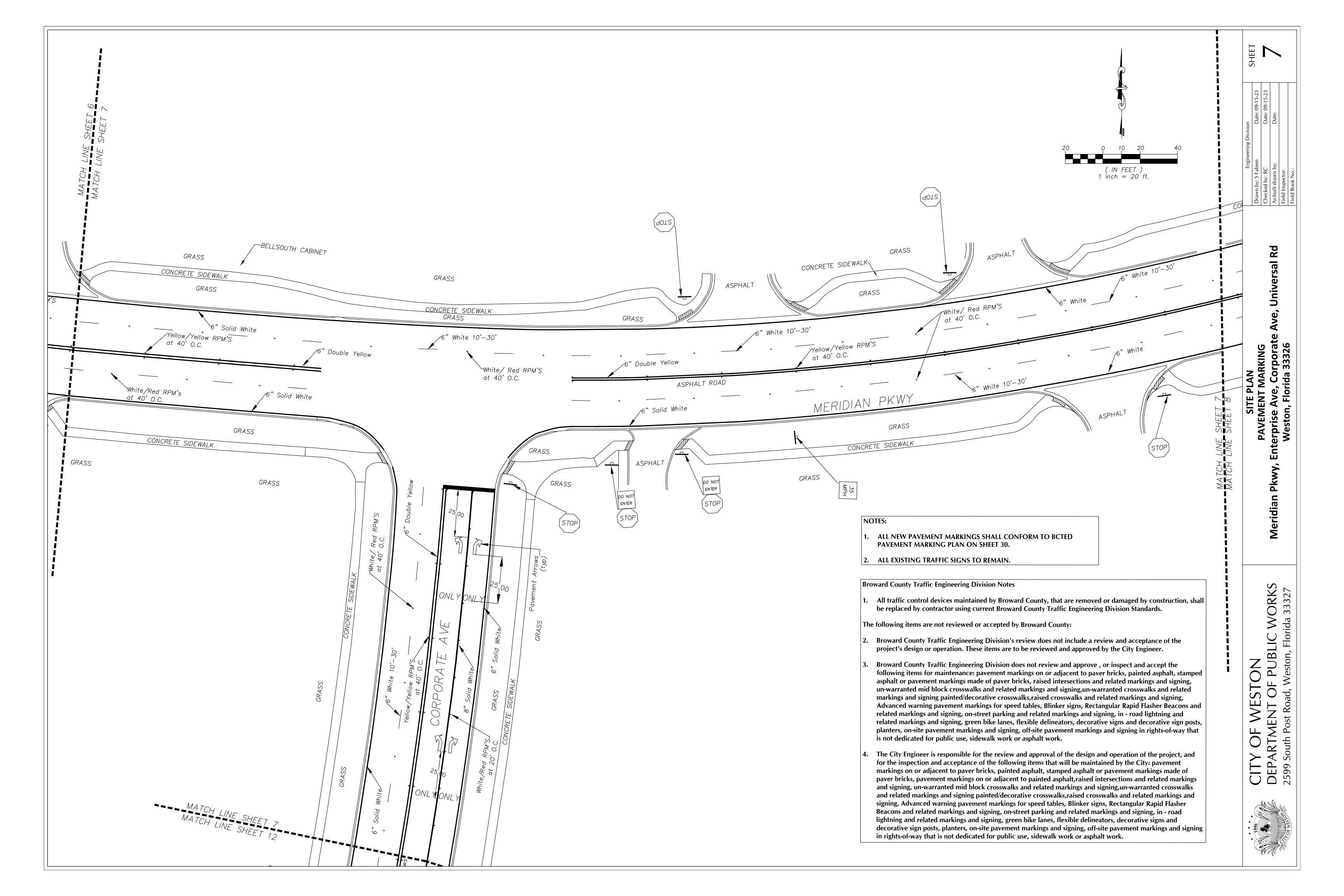
Broward County Traffic Engineering Division Notes

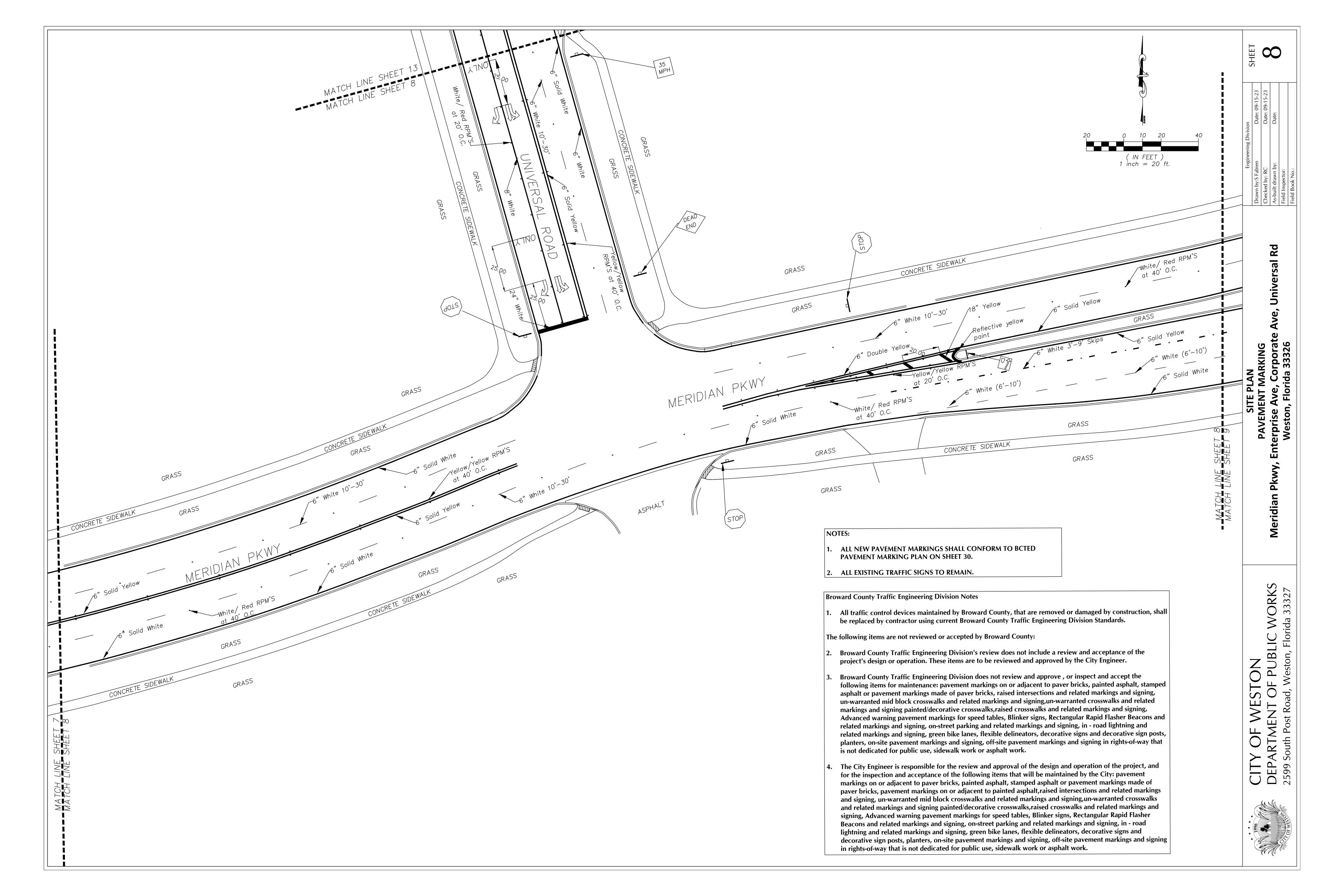
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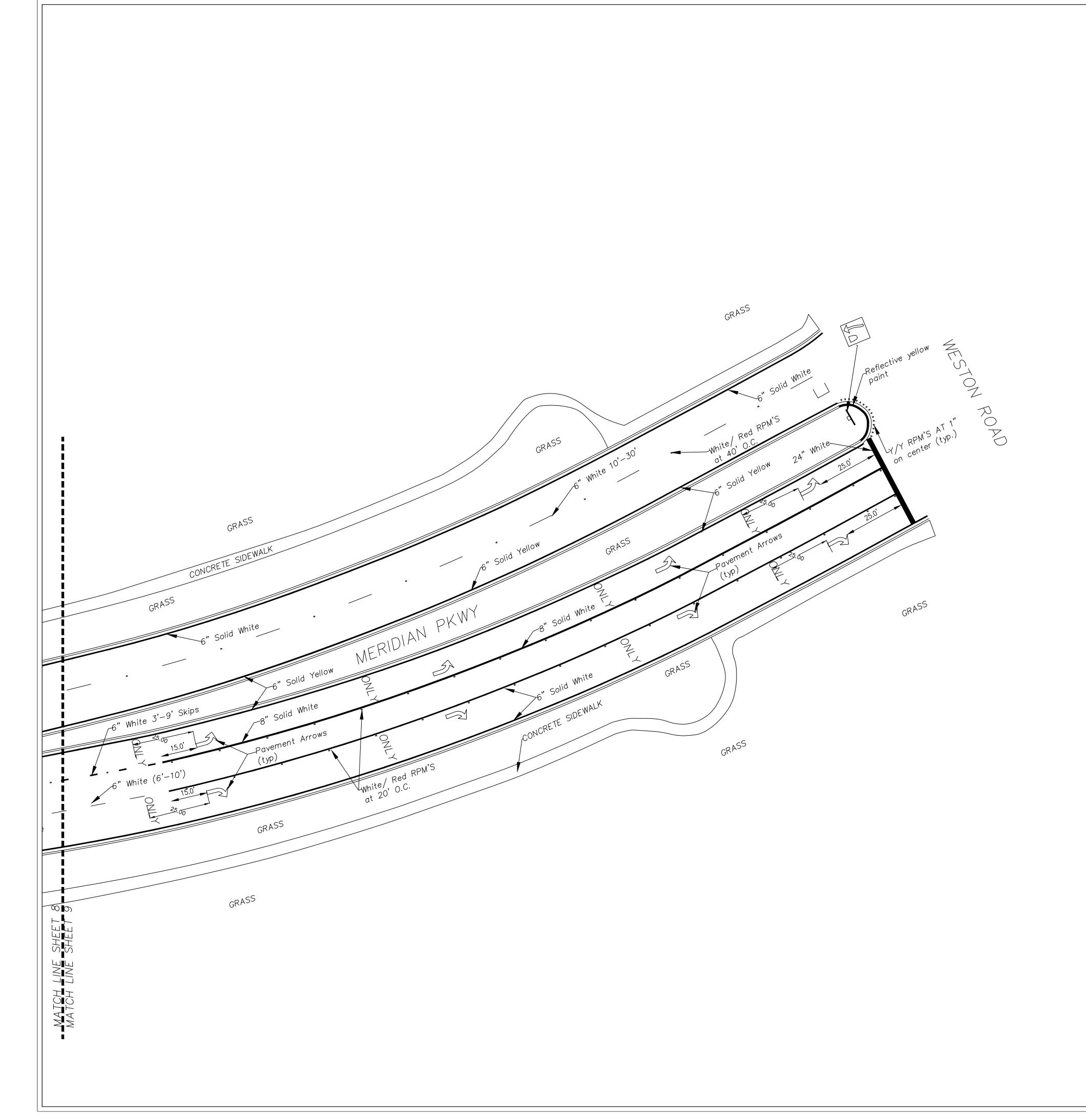
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CITY OF WESTON DEPARTMENT OF PUBLIC WORKS









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(IN FEET) 1 inch = 20 ft.

NOTES:

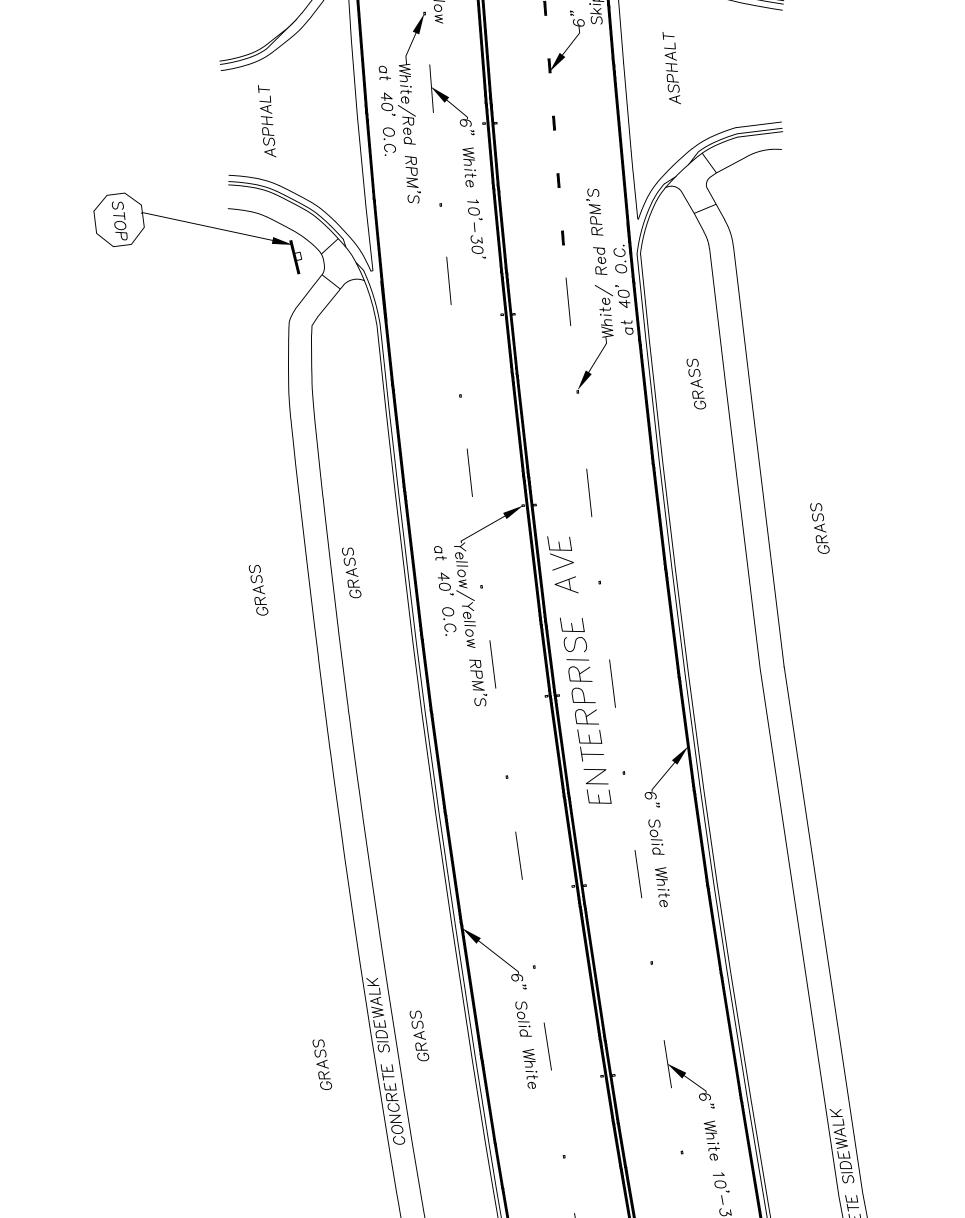
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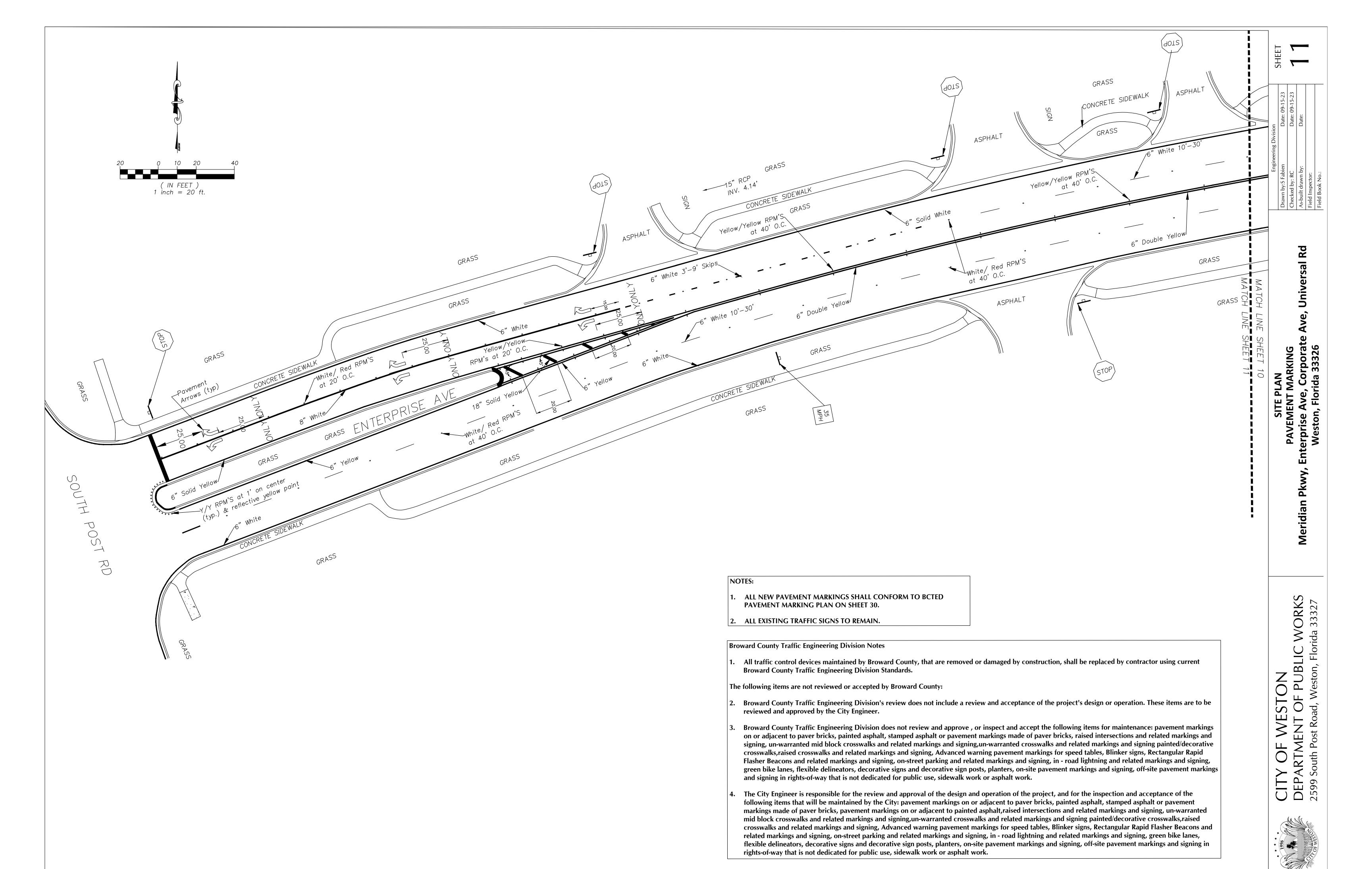
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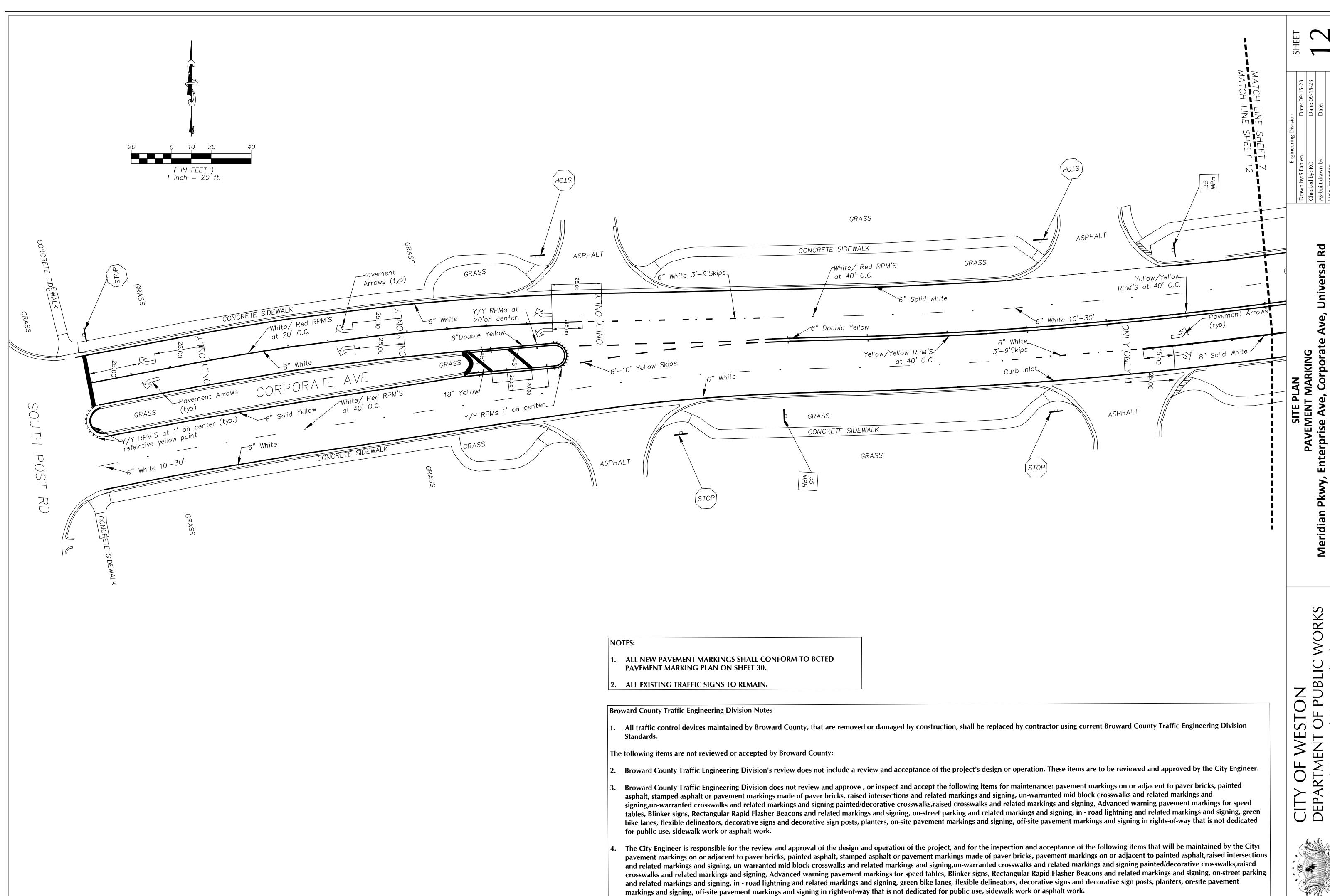
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HdW S£

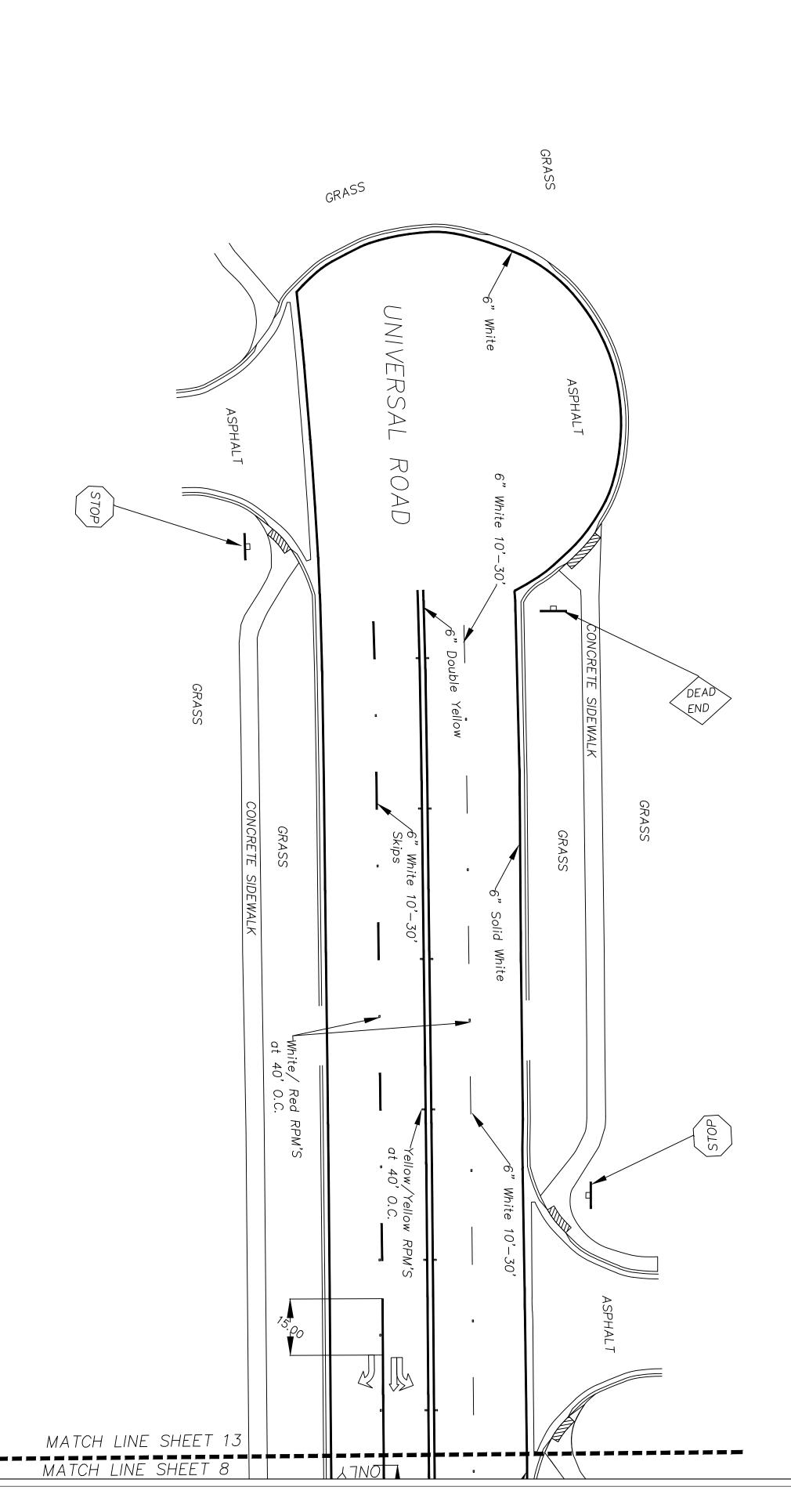
MATCH LINE SHEET 5

MATCH LINE SHEET 10





CITY OF W DEPARTMEN 2599 South Post F



NOTES:

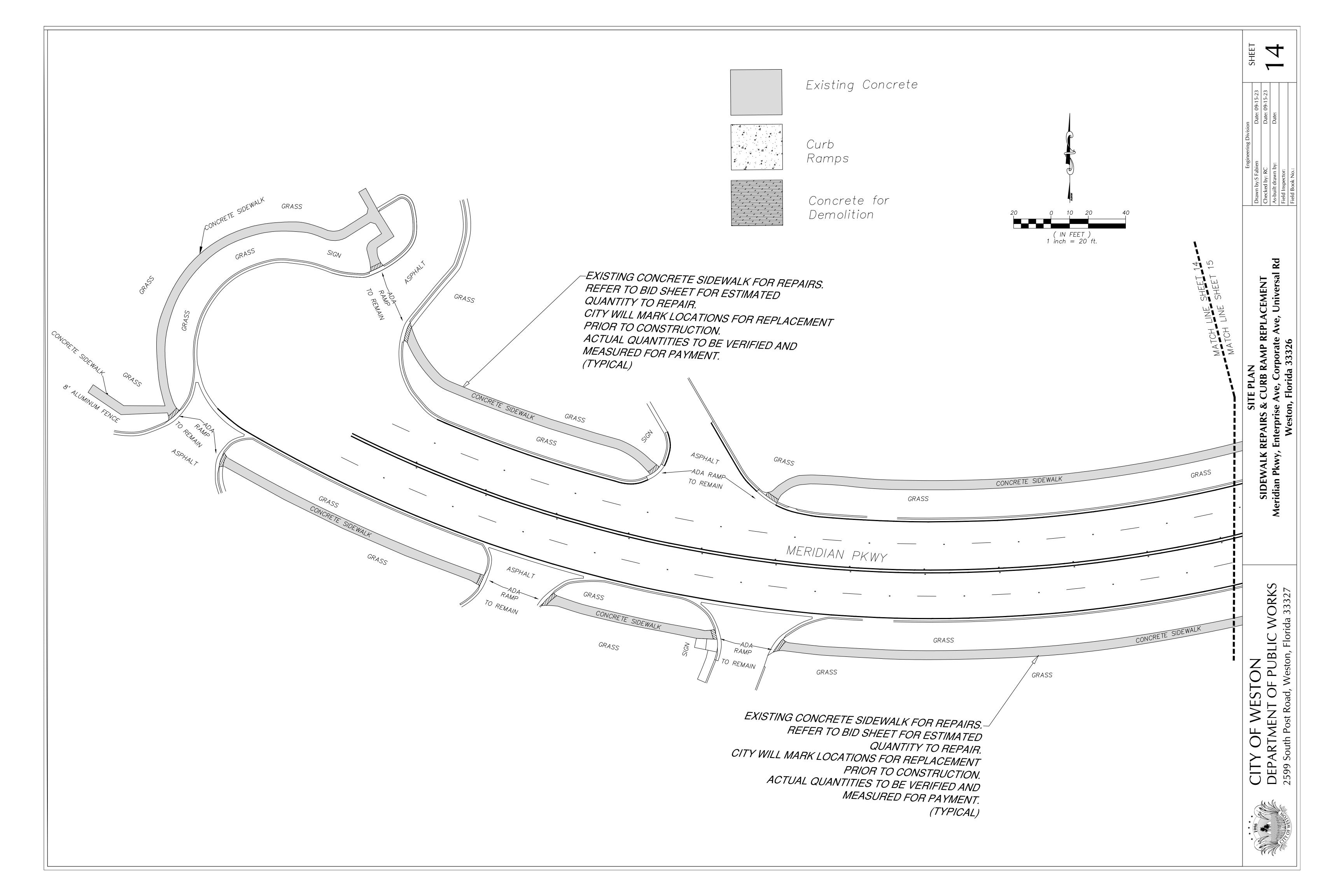
- ALL NEW PAVEMENT MARKINGS SHALL CONFORM TO BCTED PAVEMENT MARKING PLAN ON SHEET 30.
- ALL EXISTING TRAFFIC SIGNS TO REMAIN.

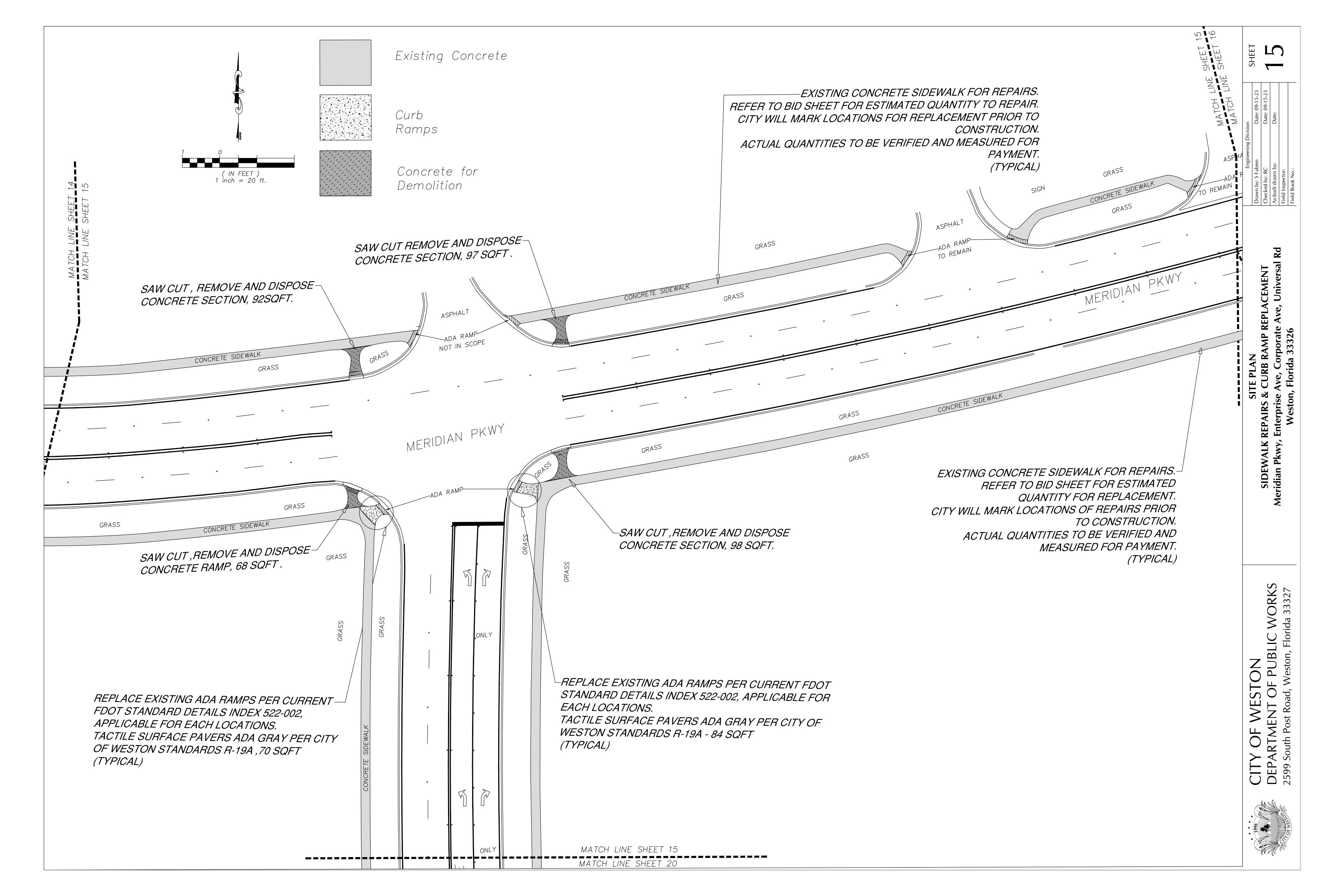
Broward County Traffic Engineering Division Notes

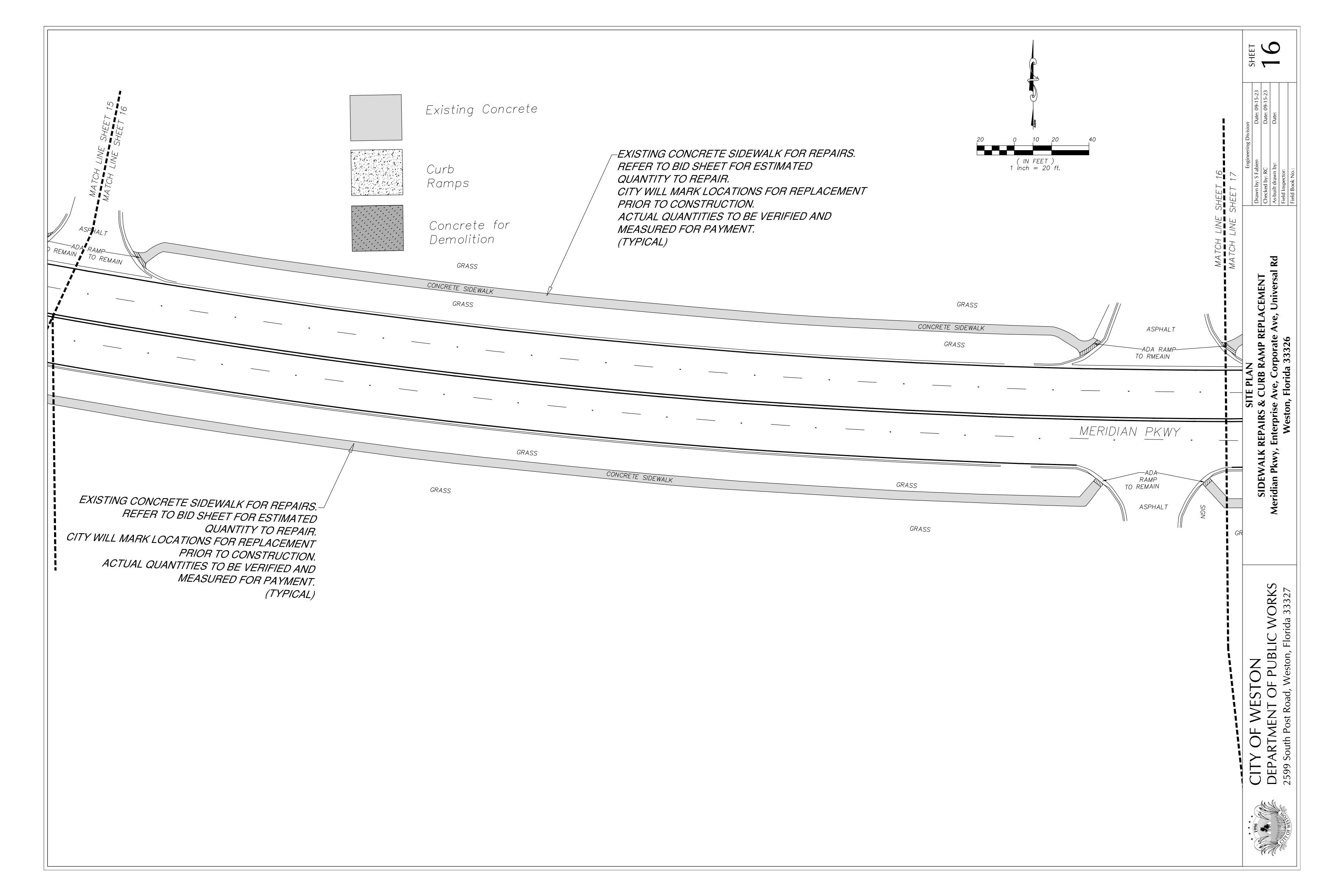
1. All traffic control devices maintained by Broward County, that are removed or damaged by construction, shall be replaced by contractor using current Broward County Traffic Engineering Division Standards.

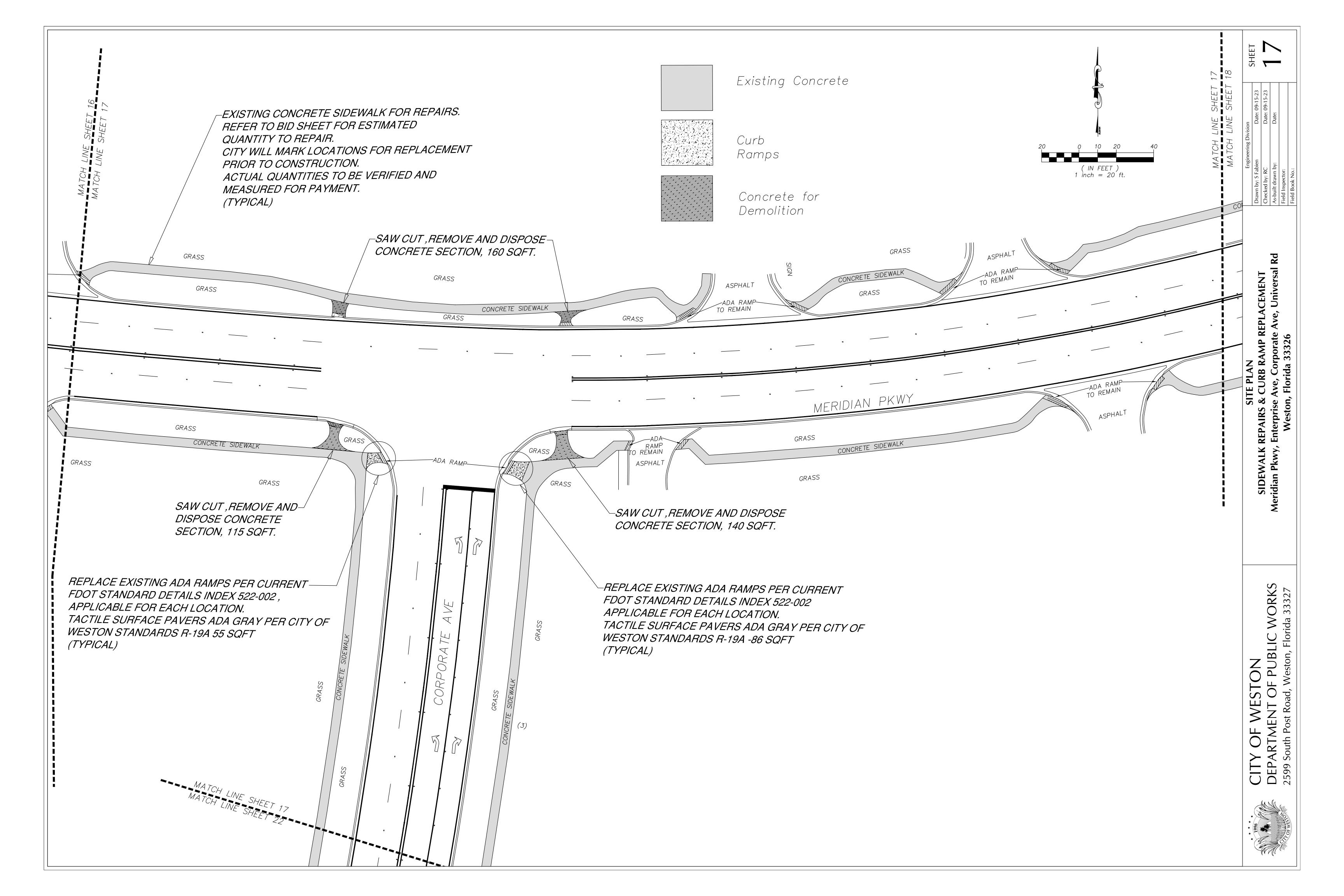
The following items are not reviewed or accepted by Broward County:

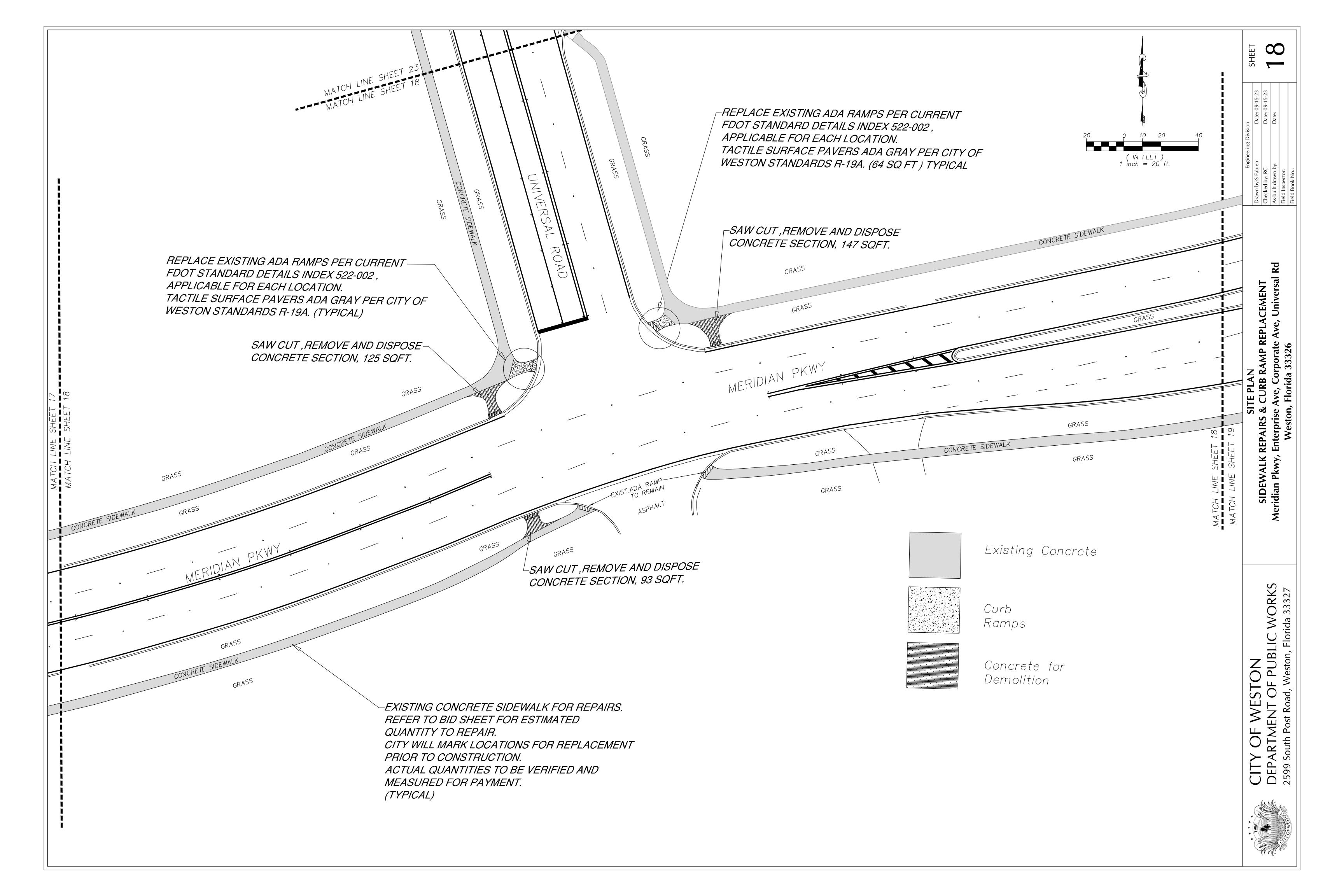
- 2. Broward County Traffic Engineering Division's review does not include a review and acceptance of the project's design or operation. These items are to be reviewed and approved by the City Engineer.
- Broward County Traffic Engineering Division does not review and approve, or inspect and accept the following items for maintenance: pavement markings on or adjacent to paver bricks, painted asphalt, stamped asphalt or pavement markings made of paver bricks, raised intersections and related markings and signing, un-warranted mid block crosswalks and related markings and signing, un-warranted crosswalks and related markings and signing painted/decorative crosswalks, raised crosswalks and related markings and signing, Advanced warning pavement markings for speed tables, Blinker signs, Rectangular Rapid Flasher Beacons and related markings and signing, on-street parking and related markings and signing, in - road lightning and related markings and signing, green bike lanes, flexible delineators, decorative signs and decorative sign posts, planters, on-site pavement markings and signing, off-site pavement markings and signing in rights-of-way that is not dedicated for public use, sidewalk work or asphalt work.
- The City Engineer is responsible for the review and approval of the design and operation of the project, and for the inspection and acceptance of the following items that will be maintained by the City: pavement markings on or adjacent to paver bricks, painted asphalt, stamped asphalt or pavement markings made of paver bricks, pavement markings on or adjacent to painted asphalt, raised intersections and related markings and signing, un-warranted mid block crosswalks and related markings and signing, un-warranted crosswalks and related markings and signing painted/decorative crosswalks, raised crosswalks and related markings and signing, Advanced warning pavement markings for speed tables, Blinker signs, Rectangular Rapid Flasher Beacons and related markings and signing, on-street parking and related markings and signing, in - road lightning and related markings and signing, green bike lanes, flexible delineators, decorative signs and decorative sign posts, planters, on-site pavement markings and signing, off-site pavement markings and signing in rights-of-way that is not dedicated for public use, sidewalk work or asphalt work.

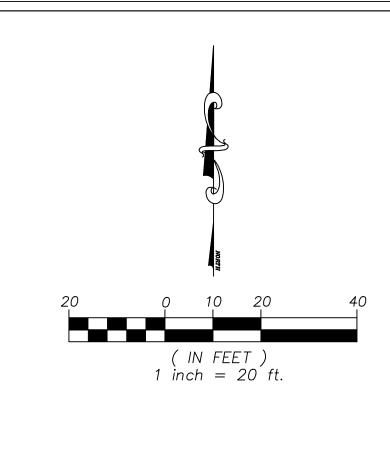


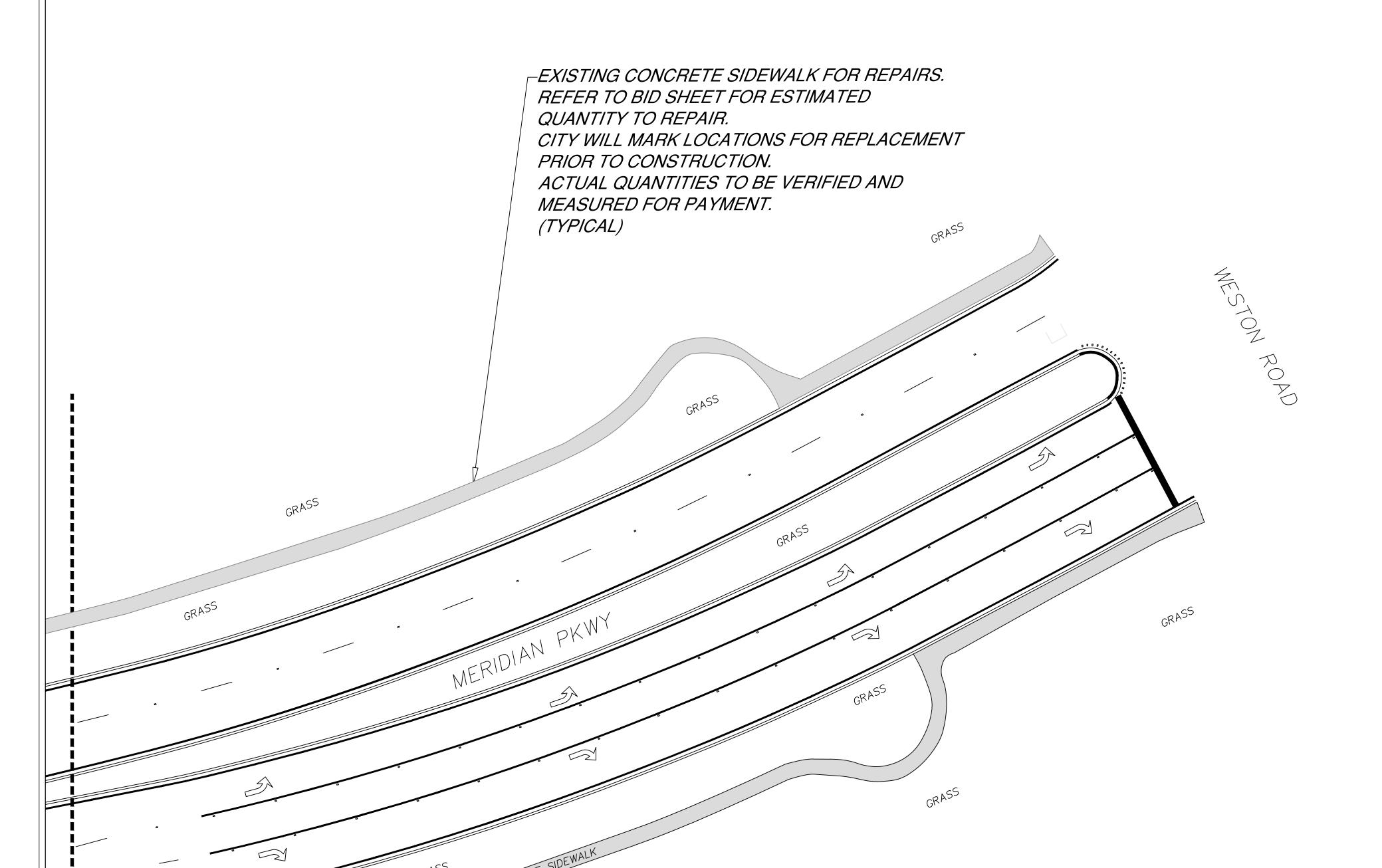


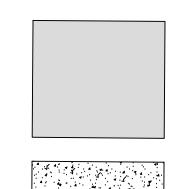




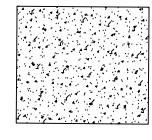




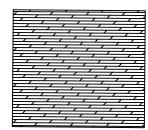




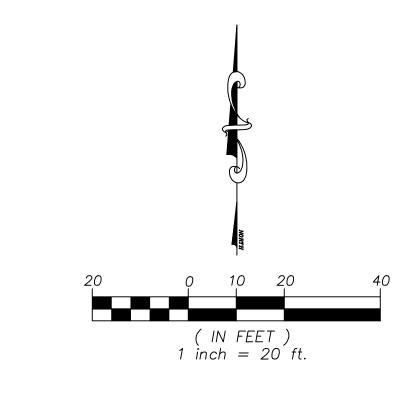
Existing Concrete



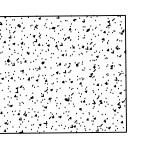
Curb Ramps



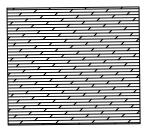
Concrete for Demolition



Existing Concrete



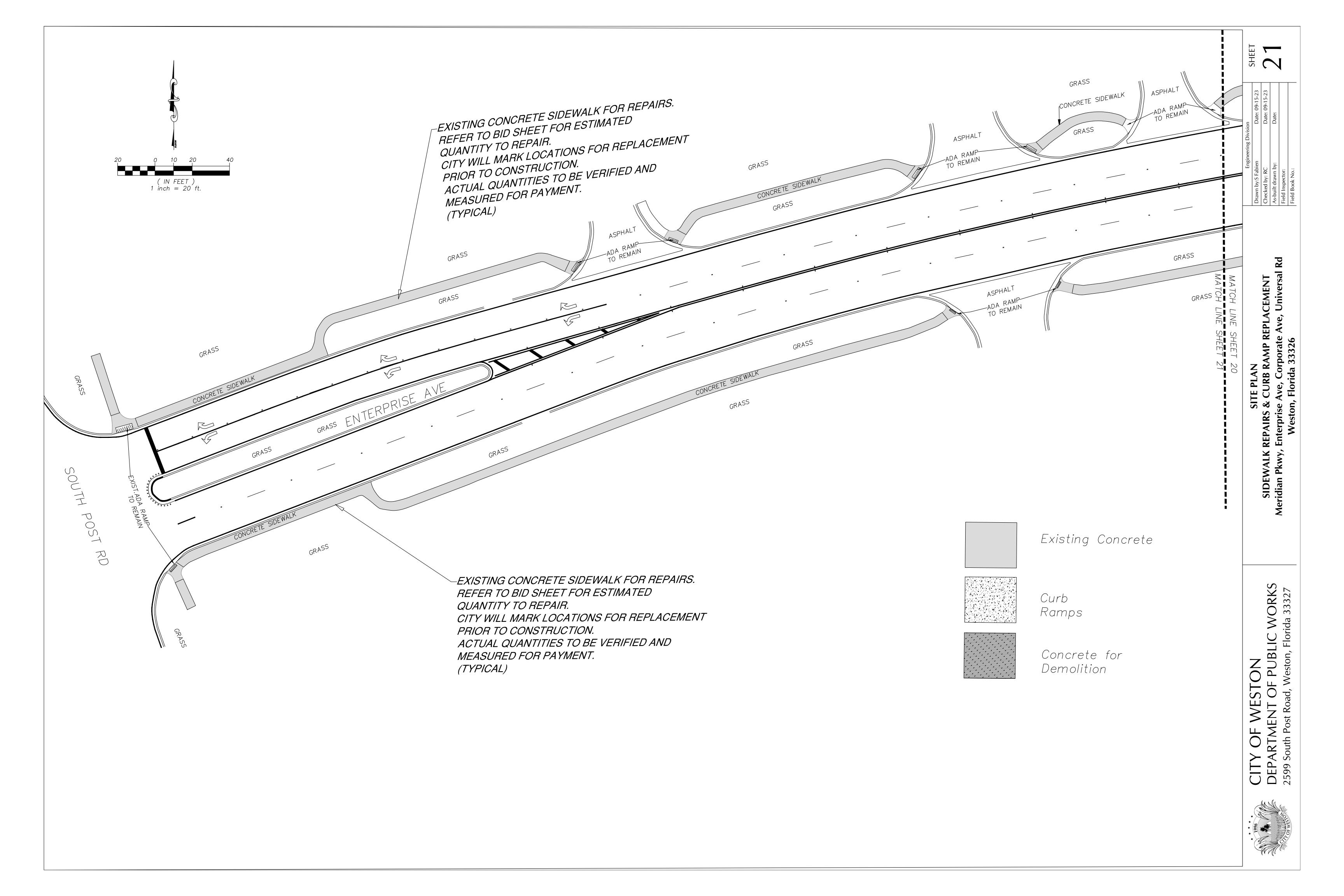
Curb Ramps

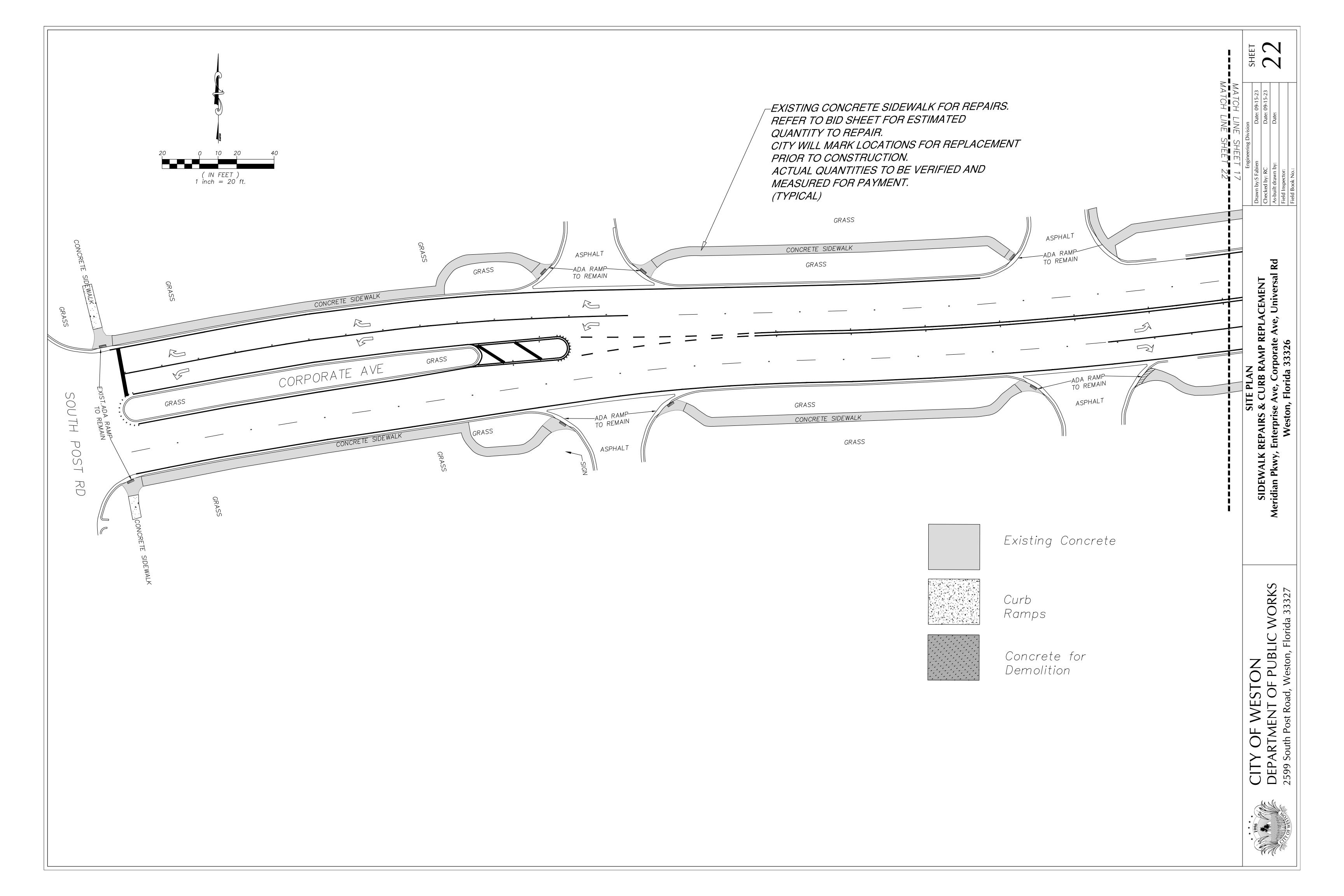


Concrete for Demolition



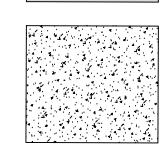
SHEET 20



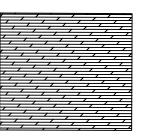


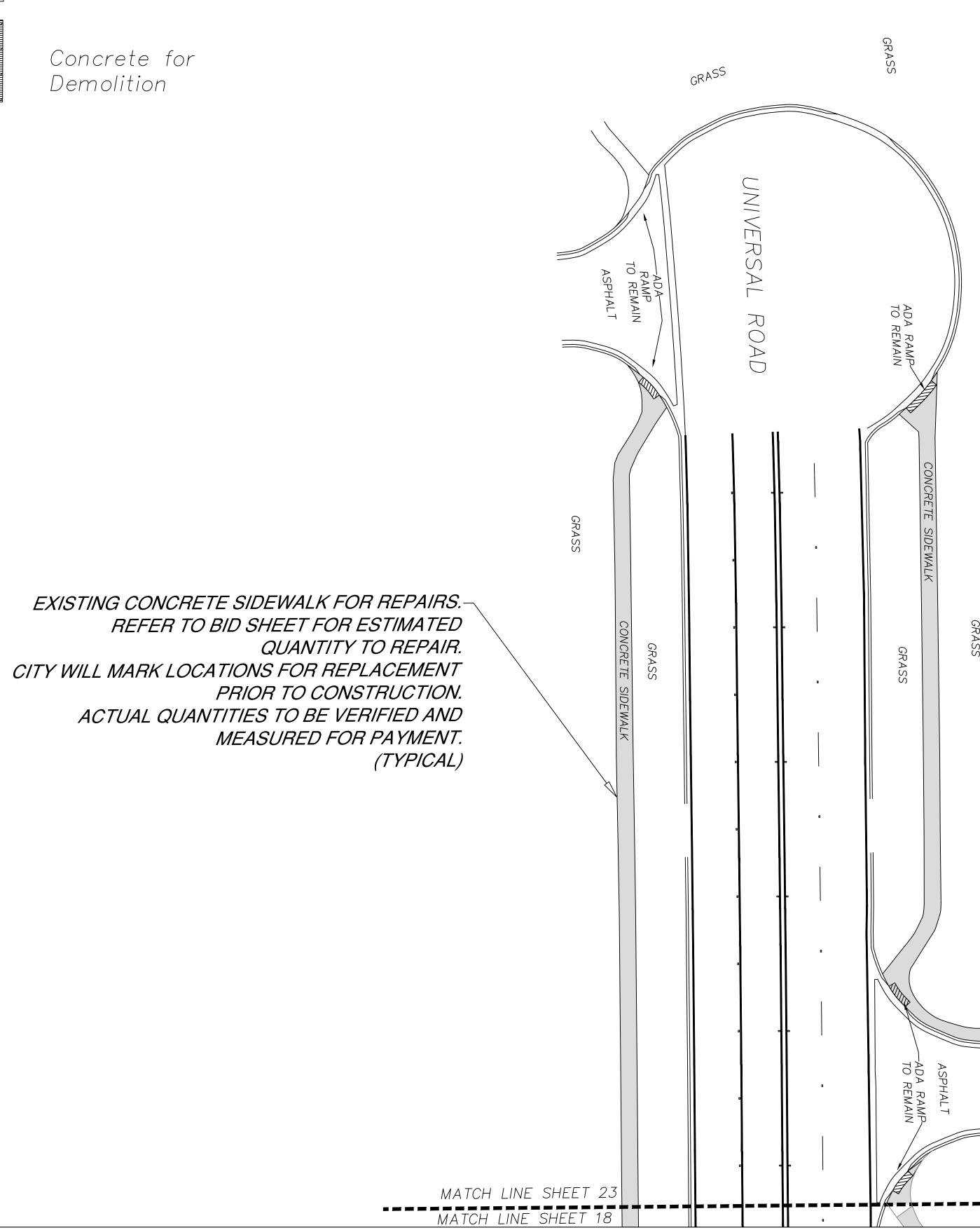
	Er
	Drawn by: S Fabie
P KEPLACEMEN I	Checked by: RC
ate Ave, Universal Rd	As-built drawn by
, , ,	Field Inspector:
70	Field Book No.:

Existing Concrete

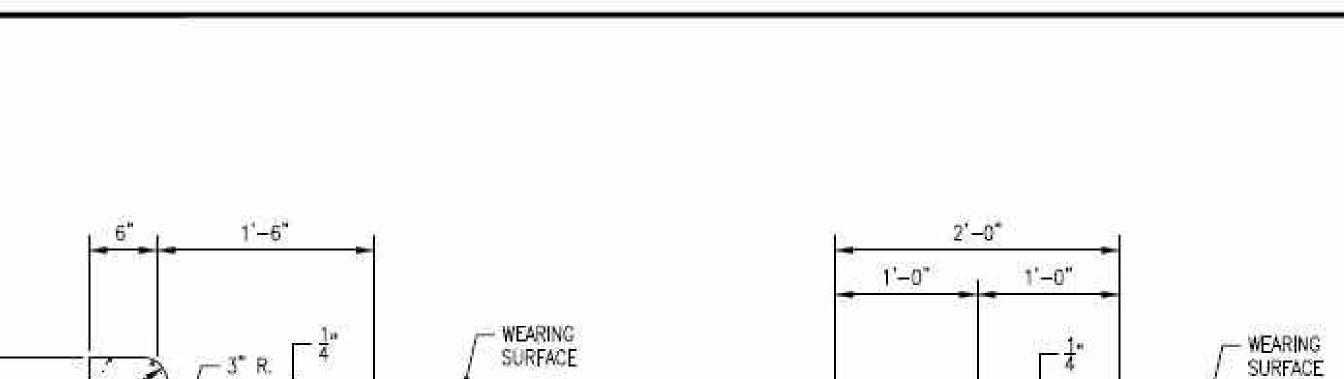


Curb Ramps









- BASE

- WEARING SURFACE

VALLEY GUTTER/DROP CURB

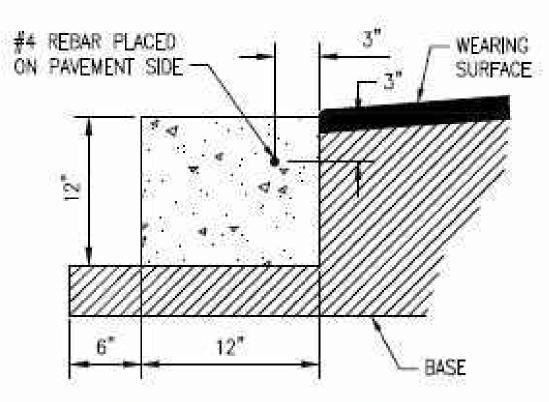
TYPE 'D' CURB

- BASE 2'-0" NOTES:

WHEN USED ON HIGH SIDE OF ROADWAYS, CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6".

SAWCUTS REQUIRED AT 10' CENTERS.

TYPE 'F' CURB & GUTTER DETAIL





NOTES:

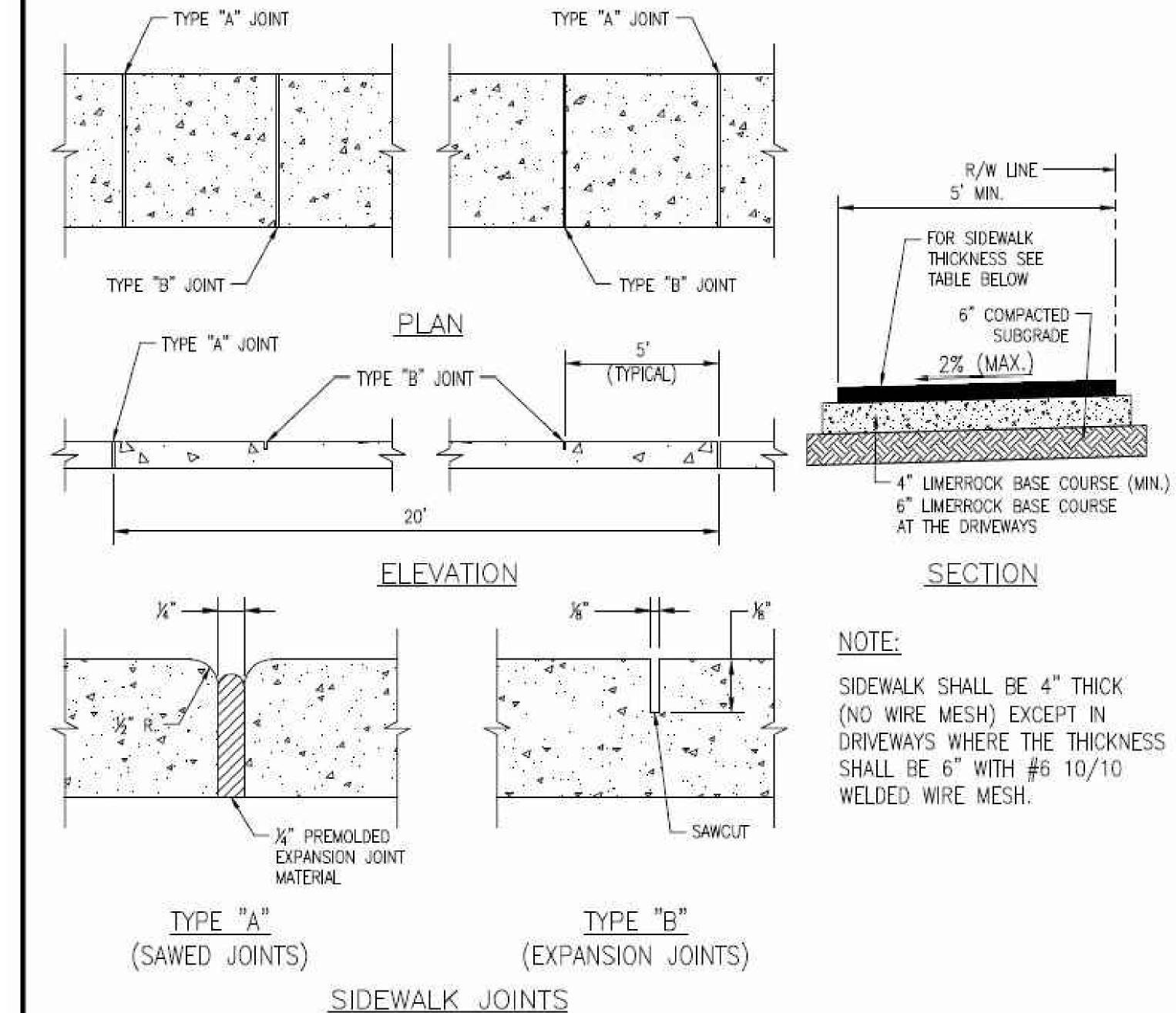
FLUSH HEADER CURB

- ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
- 2. SAWCUTS AT 10' CENTERS SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

STANDARD ENGINEERING DETAILS & SPECIFICATIONS

TYPICAL CONCRETE CURB & GUTTER SECTIONS

CITY OF WESTON, FLORIDA
PUBLIC WORKS AND UTILITIES
2599 SOUTH POST ROAD, WESTON, FL 33327
TELEPHONE: 954-385-2610 DRAWING NO. R-9 N.T.S. FEB 2010



AT DRIVEWAYS AND OTHER AREAS	
PROTECTION OF THE STATE OF THE PROTECTION OF THE	6" (MIN.)
SIDEWALK WIDT SINGLE - FAMILY AREAS	HS 5'
MULTI - FAMILY AREAS	5'

TYPE	LOCATION
"A"	20'-0" CENTER TO CENTER P.C. AND P.T. OF CURVES. JUNCTION OF EXISTING AND NEW SIDEWALKS. * WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS, AND SIMILAR STRUCTURES.
"B"	5'-0" CENTER TO CENTER ON SIDEWALKS.

*AT THE DISCRETION OF THE ENGINEER.

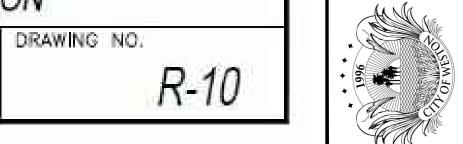
N.T.S.



STANDARD ENGINEERING DETAILS & SPECIFICATIONS

SIDEWALK JOINT DETAILS & TYPICAL CONSTRUCTION

CITY OF WESTON, FLORIDA	DATE
PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327	FEB 2010
TELEPHONE: 954-385-2600 FAX: 954-385-2610	160 2010



TRANSITION

1:12 SLOPE

FLARE RAMP MAX

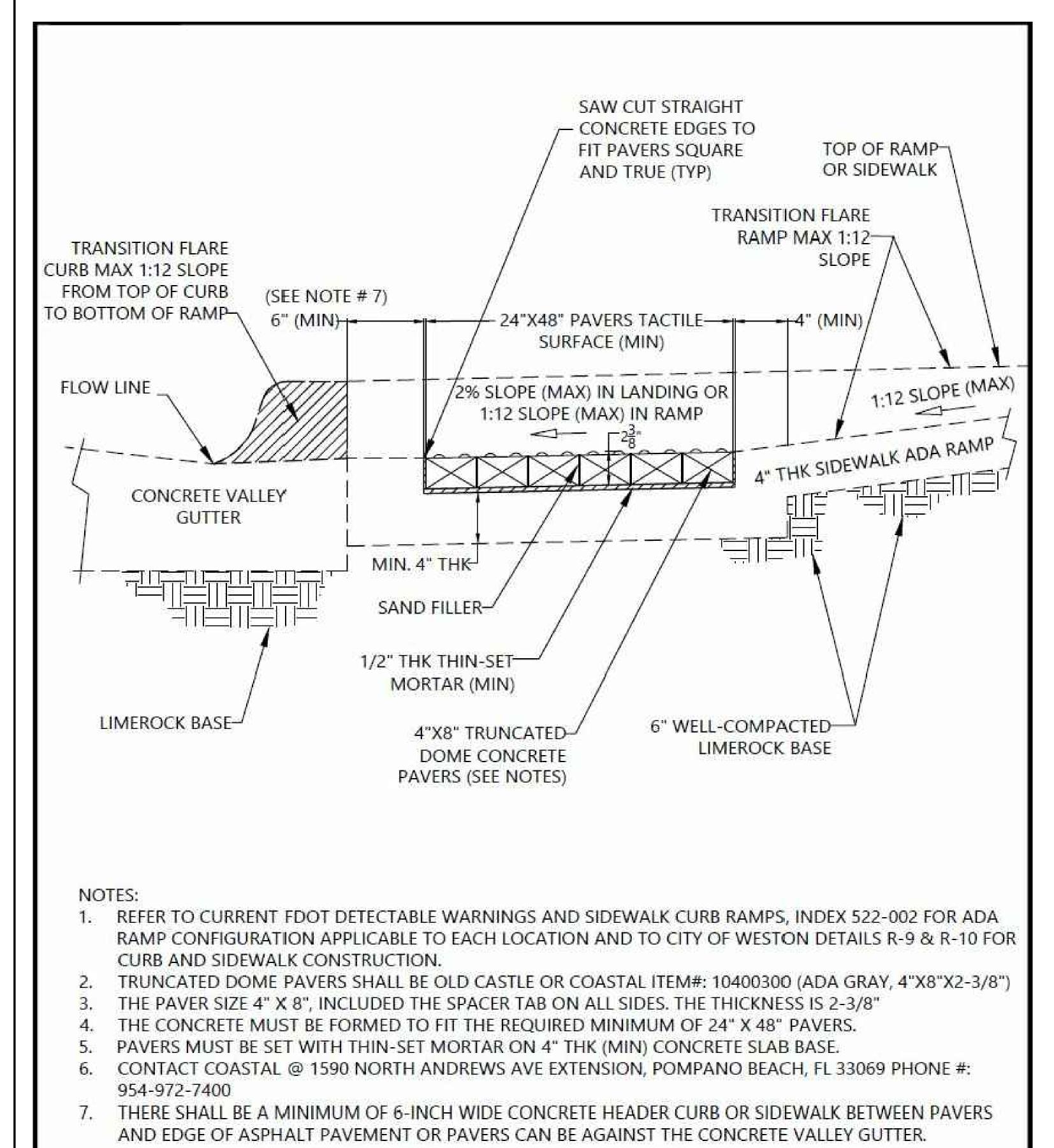
TOP OF RAMP

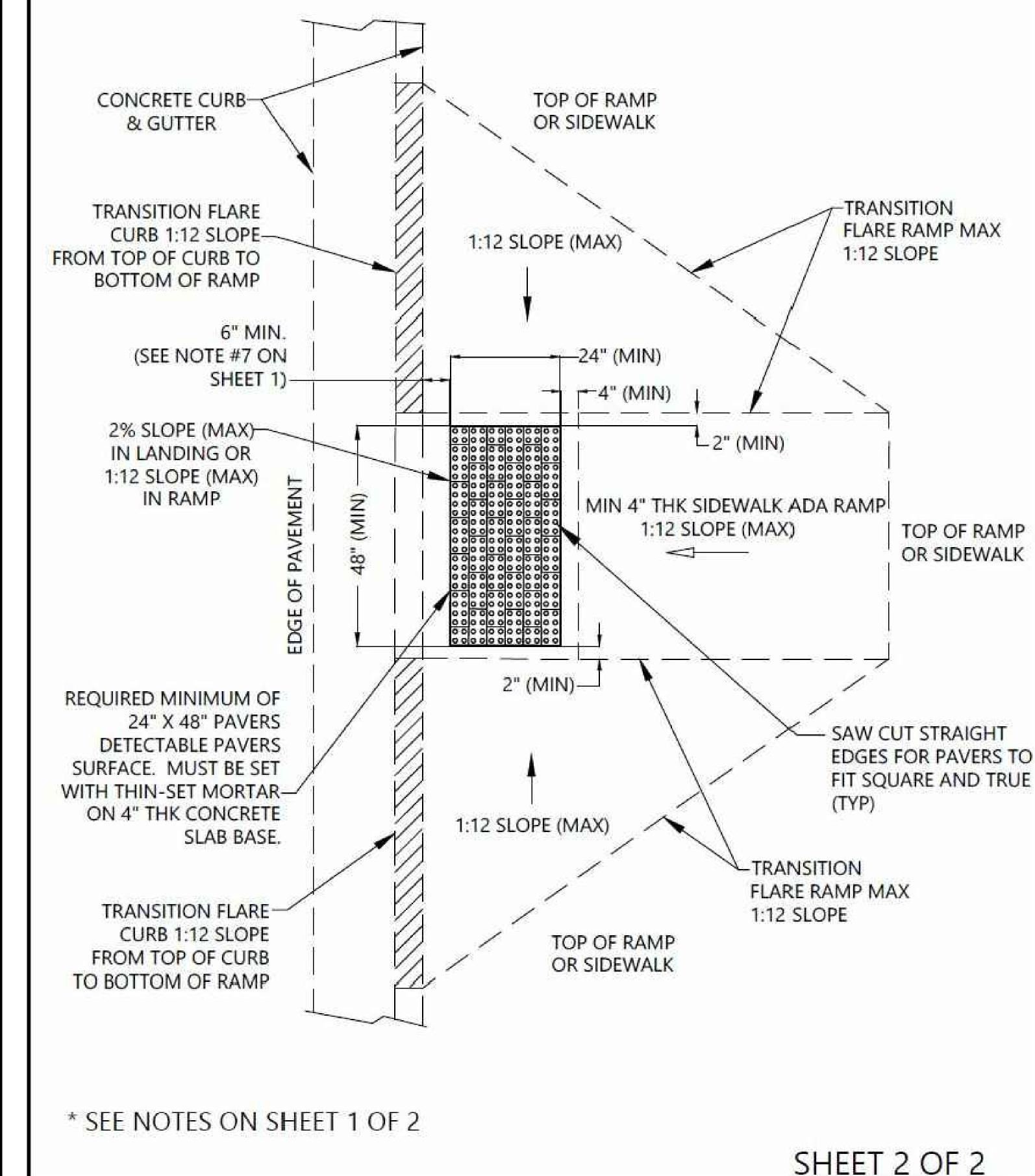
OR SIDEWALK





R-19A





STANDARD ENGINEERING DETAILS & SPECIFICATIONS TRUNCATED DOME PAVERS INSTALLATION (PLAN)

CITY OF WESTON, FLORIDA DRAWING NO. SCALE PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 N.T.S. October 2022 TELEPHONE: 954-385-2600 FAX: 954-385-2610

STANDARD ENGINEERING DETAILS & SPECIFICATIONS

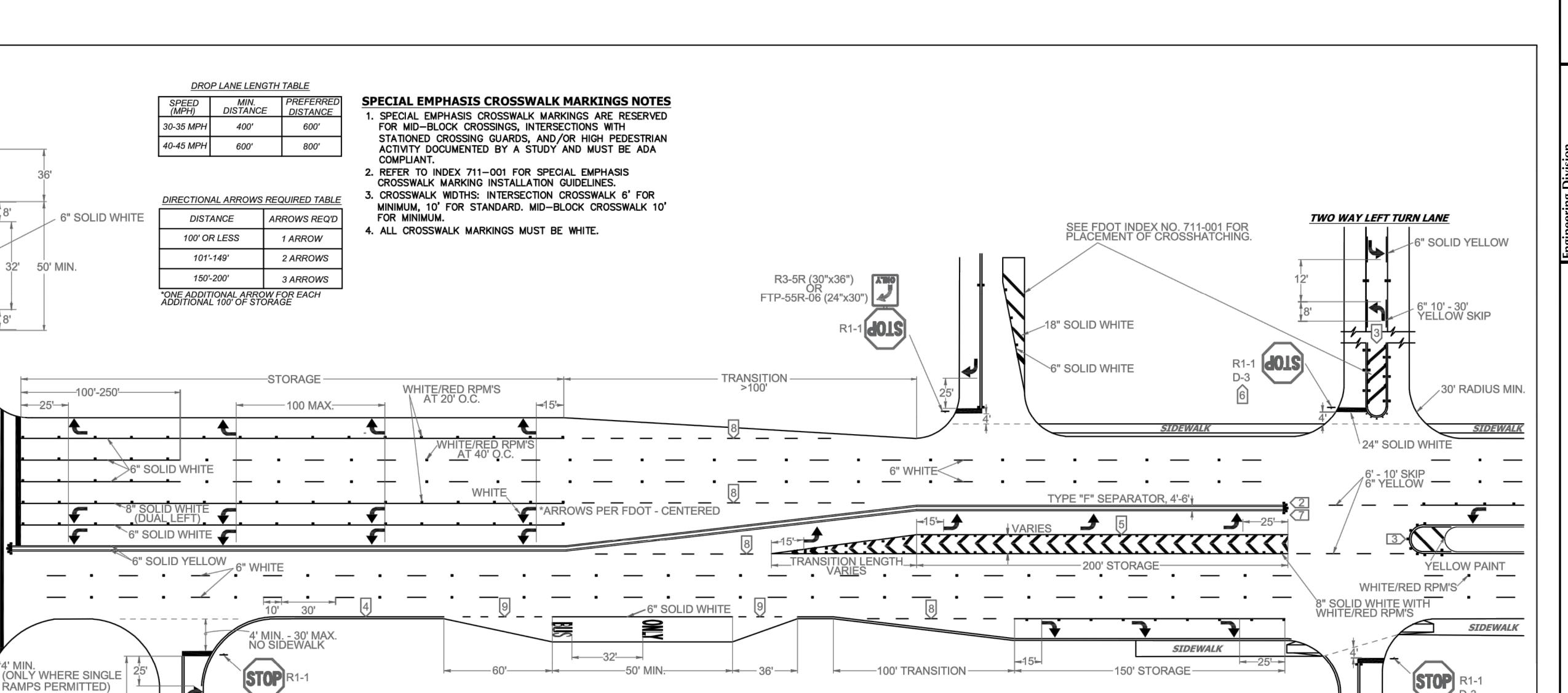
TRUNCATED DOME PAVERS INSTALLATION (PROFILE)

CITY OF WESTON, FLORIDA DATE **SCALE** PUBLIC WORKS AND UTILITIES 2599 SOUTH POST ROAD, WESTON, FL 33327 N.T.S. October 2022 TELEPHONE: 954-385-2600 FAX: 954-385-2610

DRAWING NO.

R-19A

SHEET 1 OF 2



NOTES

6" WHITE, 3'- 9' SKIPS

100' MAX. SPACING

8" SOLID WHITE:

гнэя ияст TSUM

RICHT LANE (R3-7R)

"RIGHT LANE MUST TURN RIGHT"

FIRST "ONLY" MESSAGE. ADDITONA

R3-7 SIGNS SHALL BE PLACED AT

ALTERNATING "ONLY" MESSAGES

SIGN (R3-7R) TO BE PLACED AT

1. ALL PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.

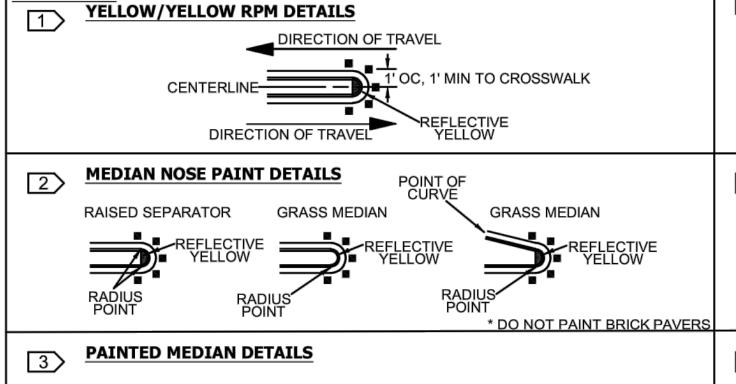
24" SOLID WHITE

- 2. ALL PAVEMENT MARKINGS ON PAVER SYSTEMS SHALL BE 3M 380/381 SERIES TAPE OR EQUIVALENT AND APPLIED WITH P60 ADHESIVE AS PER MANUFACTURERS SPECIFICATIONS.
- 3. ALL PAVEMENT MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", BCTED STANDARDS, AND FDOT DESIGN STANDARDS.
- 4. SEE FDOT INDEX NO 706-001 FOR PLACEMENT OF RPM's (FOR BULLNOSE RPM TREATMENT, SEE LEGEND
- 5. RPM's SHALL BE CLASS "B" OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.

2" SOLID WHITE V

SPECIAL EMPHAS MARKINGS

- 6. FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE.
- 7. FOR BIKE LANE DETAILS SEE FDOT INDEX NO. 711-002.
- 8. EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SAND BLASTING.
- 9. ALL STOP LINES TO BE 4' BEHIND CROSSWALK OR SIDEWALK.
- 10. PAVEMENT MARKING REFLECTIVITY SHALL BE UNIFORM ACROSS THE ENTIRE STRIPE AND SHALL HAVE A MINIMUM REFLECTIVITY READING OF 250 MILLICANDELAS FOR WHITE AND 175 MILLICANDELAS FOR YELLOW.
- 11. ALL PRODUCTS MUST BE ON FDOT'S APPROVED PRODUCTS LIST (APL).
- 12. RPMS SHALL NOT BE INSTALLED ADJACENT TO BIKE LANES.
- 13. LONGITUDINAL CROSSWALK MARKINGS SHALL BE INSTALLED AT ALL CROSS STREETS ON COUNTY ROADS THAT ARE FOUR LANES OR GREATER



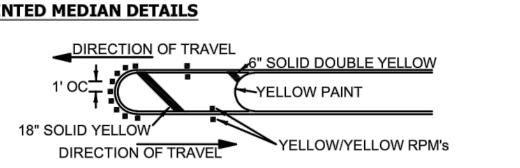
R3-5R (30"x36")

OR FTP-55R-06 (24"x30")

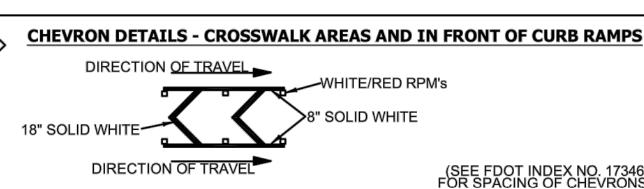
6" DOUBLE YELLOW

LEGEND

DRIVEWAY

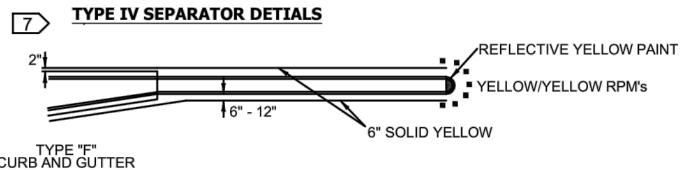


EDGE LINE DETAILS " SOLID WHITE OR YELLOW









DEDICATED STREET

6'-10' SKIP DETAILS

- 6' 10' SKIPS 6" WHITE SHALL BE USED FOR THE FOLLOWING CONDITIONS:
- TRANSITIONS AT ALL LEFT AND RIGHT TURN LANES

- 2' 4' SKIPS 6" WHITE SHALL BE USED FOR THE FOLLOWING CONDITIONS:

BUS BAY TRANSITIONS STOP SIGN NOTE

WHERE SIDE ROADS INTERSECT A MULTI LANE STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 45 MPH OR HIGHER, THE MINIMUM SIZE OF THE STOP SIGNS FACING THE SIDE ROAD APPROACHES, EVEN IF THE SIDE ROAD ONLY HAS ONE APPROACH LANE, SHALL BE 36"X36".

WHERE SIDE ROADS INTERSECT A MULTI-LANE (INCLUDING TURN LANE) STREET OR HIGHWAY THAT HAS A SPEED LIMIT OF 40 MPH OR LOWER, THE MINIMUM SIZE OF THE STOP SIGN FACING THE SIDE ROAD APPROACHES SHALL BE 36"X36".

		REVISIONS
	DATE	DESCRIPTION
	11-24-2020	UPDATED NOTES
	04-14-2021	UPDATED NOTES
	05-06-2022	UPDATED NOTES
•		

	BRO			R		PUBLIC WORKS DEPA TRAFFIC ENGINEERING
┨						DESIGN BY: CARMELO CARATOZZOLO, P.E.
						DRAWN BY: STEPHON RAMOUTAR
	F L O	R	j	D	A	CHECKED BY: CARMELO CARATOZZOLO, P.E.

	PUBLIC WORKS DEPAR TRAFFIC ENGINEERING I	
	DESIGN BY: CARMELO CARATOZZOLO, P.E.	SCALE: NTS
- -	DRAWN BY: STEPHON RAMOUTAR	
4 I	·	

PAVEMENT MARKINGS AND SIGNS **DETAILS**

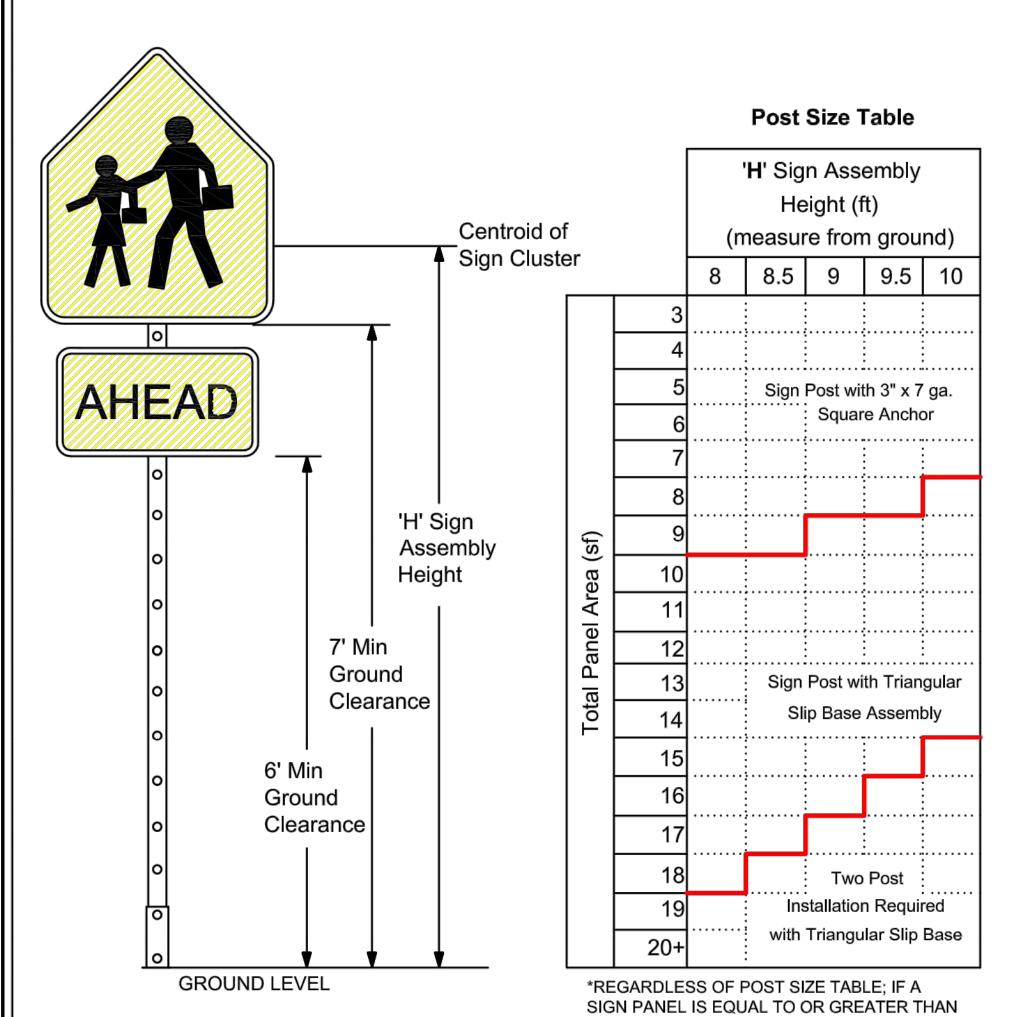
SHEET

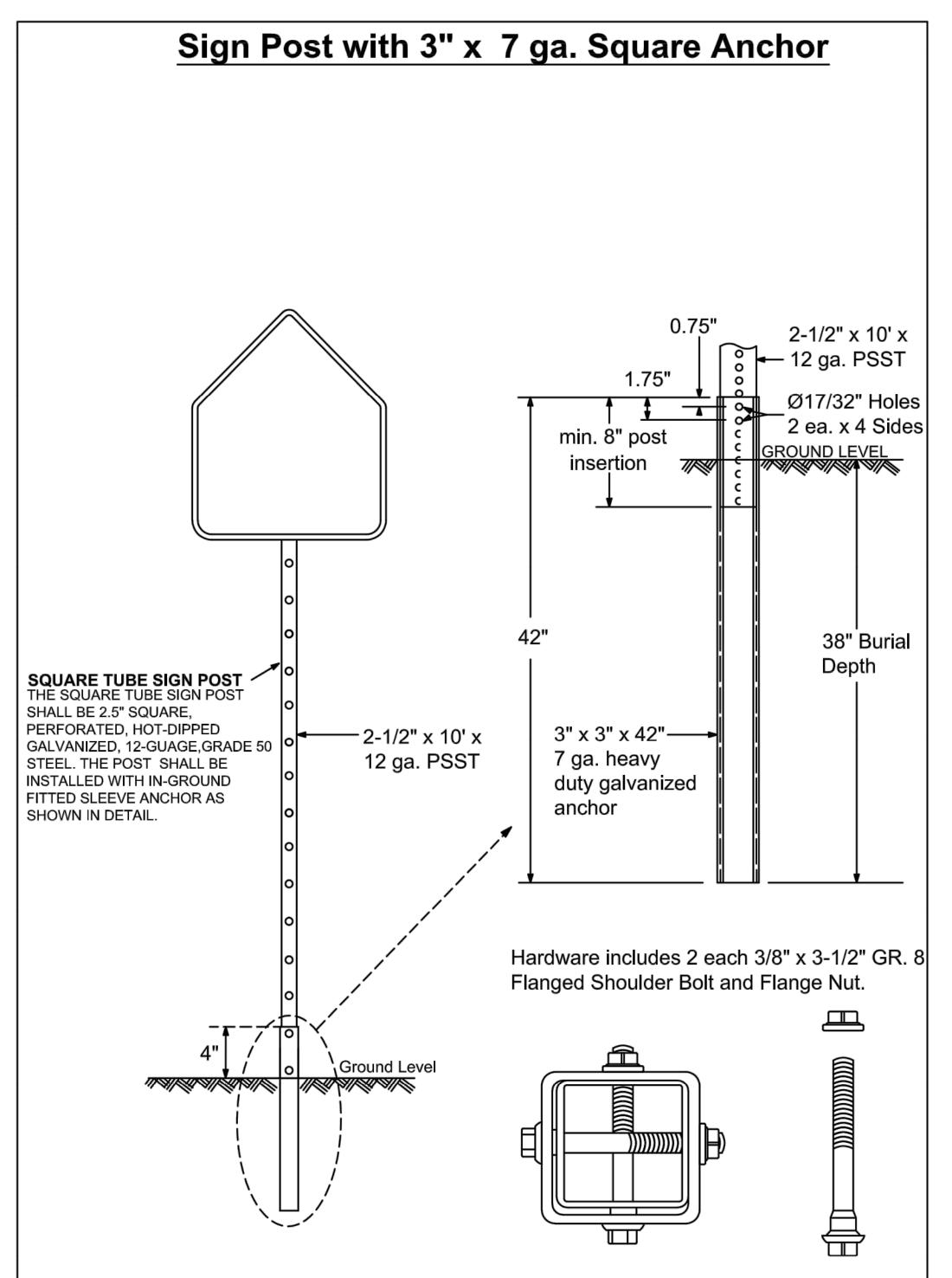
YELLOW/ YELLOW RPM'S AT 40' O. C.

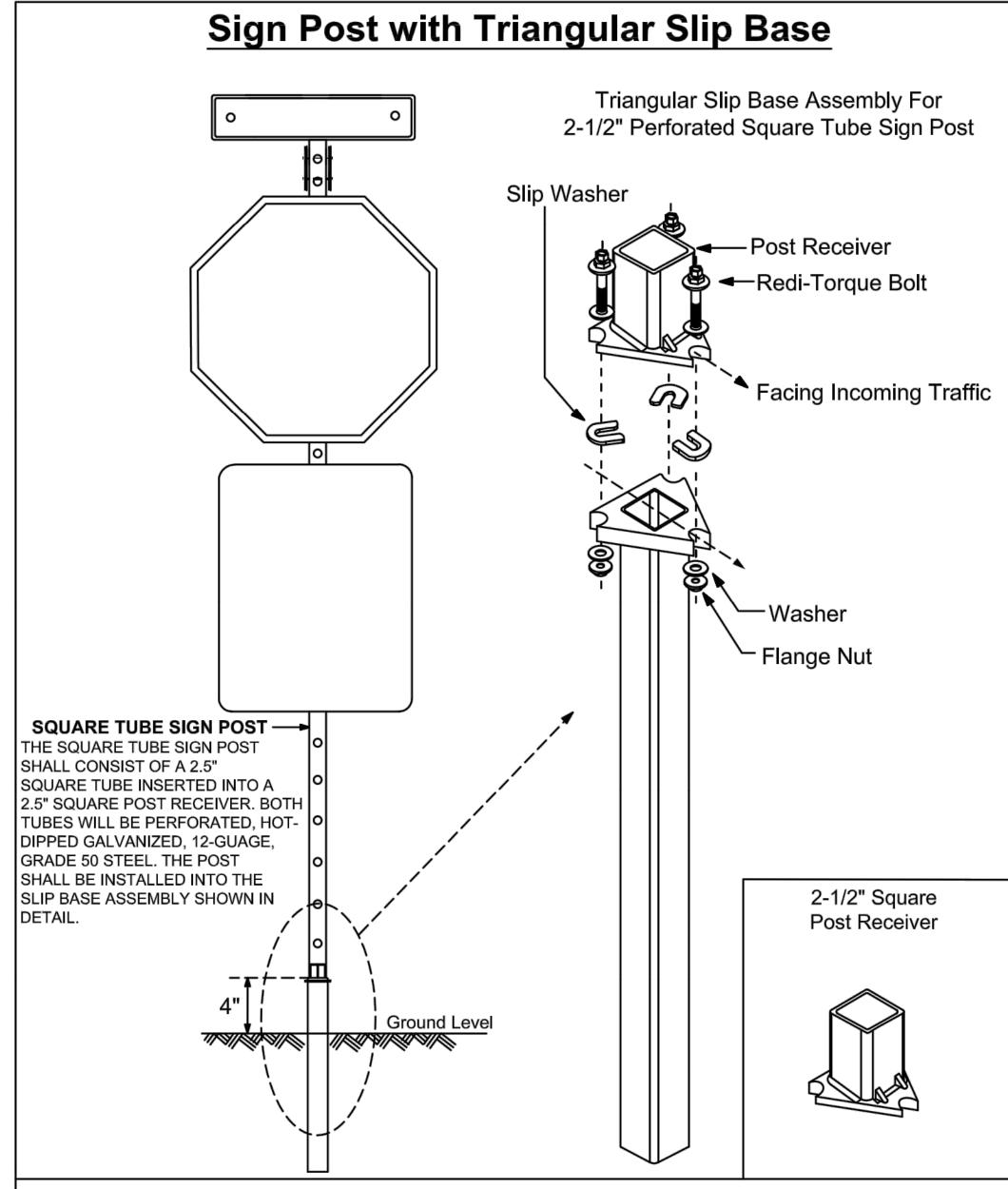
1 OF 1

GUIDE TO USE THIS STANDARD:

- 1. Calculate the Total Panel Area and the centroid 'C' for an individual sign or a sign cluster.
- 2. Determine the height 'H' from the groundline for the individual sign or the cluster.
- 3. Consult the Post Size Table and find the intersection point
- 4. Design the post and the foundation according to the required Post Size and Assembly Details.

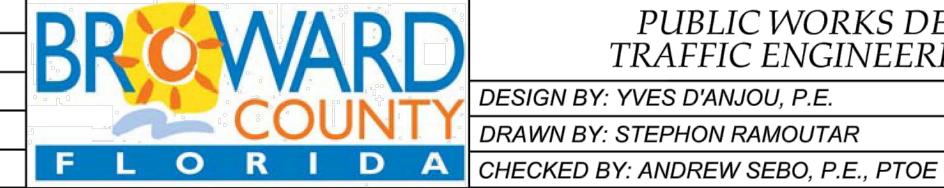






Note: Dimensions and certain details for the parts used to assemble the slip base connections are intentionally not shown. Slip base connections are patented manufactured products that are in compliance with NCHRP 350 crash test criteria. The base connection details are only shown on this plan to illustrate how the parts are assembled. The complete assembly must be designed to withstand 150 mph Base Wind Speed per 2013 AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, 6th edition and interims.

REVISIONS					
DATE	DESCRIPTION				
03-21-2017	UPDATED POST SIZE				
11-24-2020	ADDED POST SIZE NOTE				
02-05-2021	UPDATED POST BASE HEIGHT				



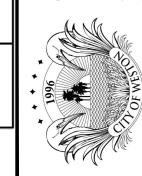
4 FEET IN WIDTH, A TWO POST INSTALLATION IS REQUIRED WITH A TRIANGULAR SLIP BASE.

PUBLIC WORKS DEPAR TRAFFIC ENGINEERING I		
BY: YVES D'ANJOU, P.E.	SCALE: NTS	
BY: STEPHON RAMOUTAR		

GROUND SIGN ASSEMBLY
DETAILS

Si	HEE
	NO.

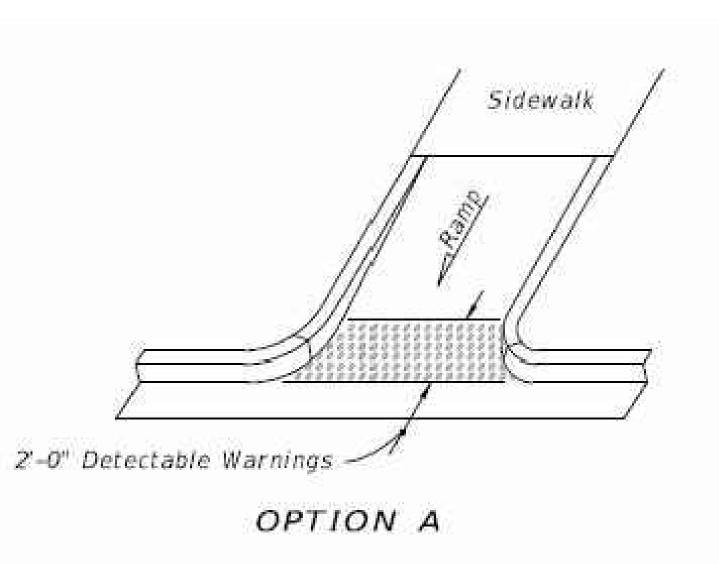
1 OF 1



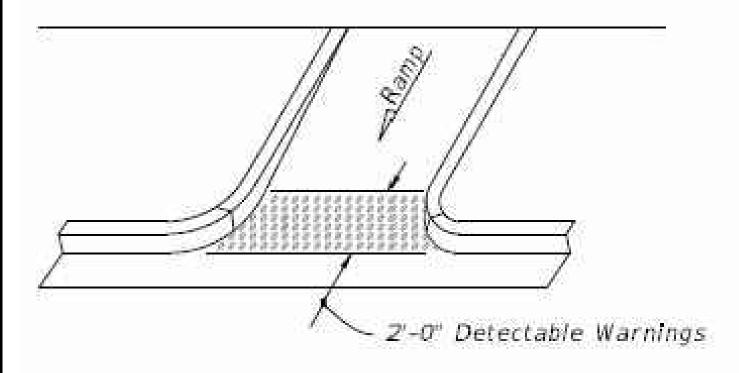
2'-0" Detectable Warnings

OPTION B

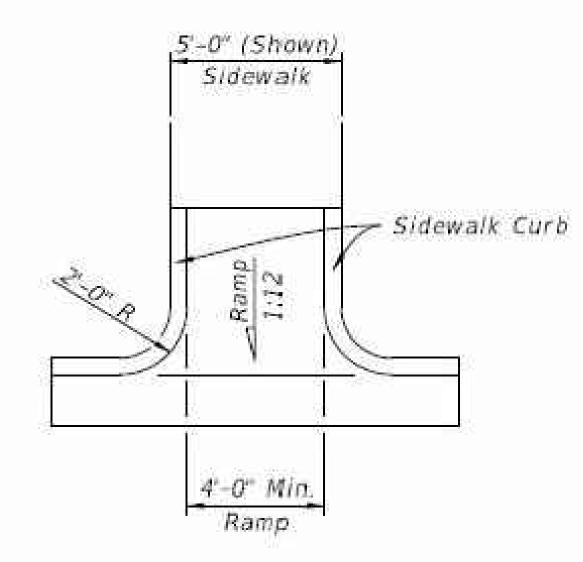
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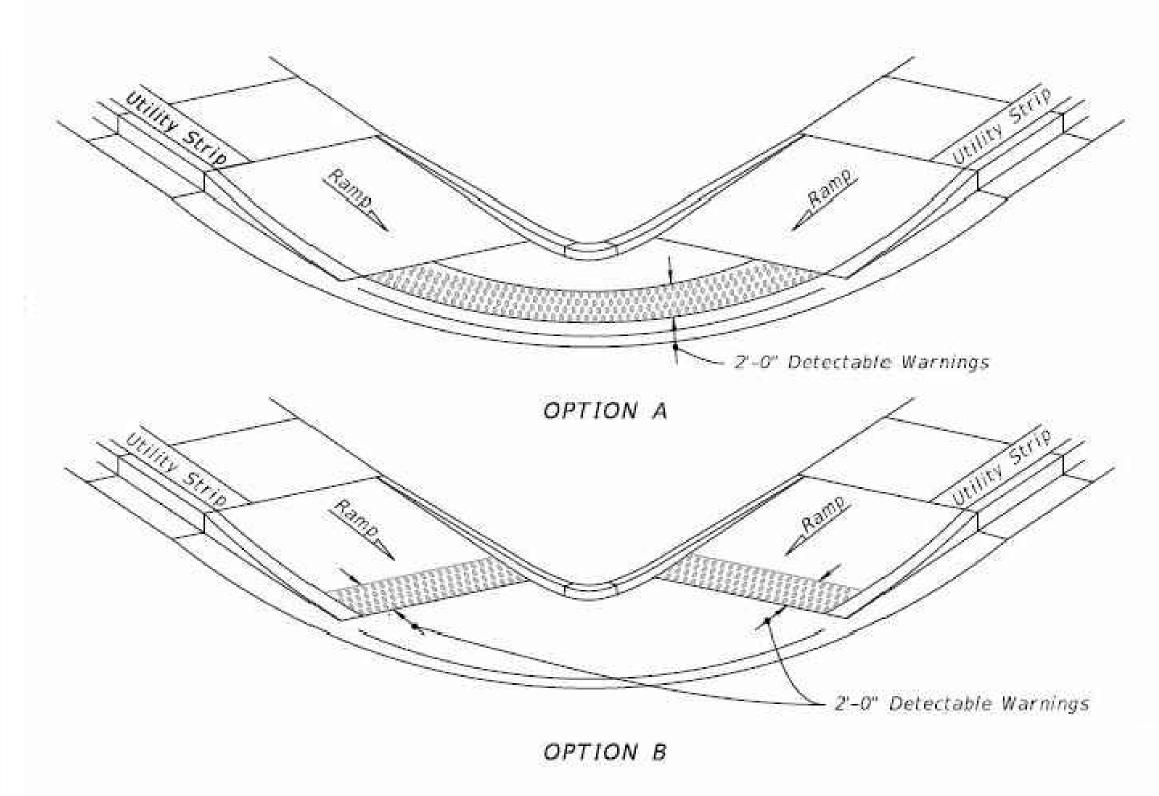


OPTION B ISOMETRIC VIEW

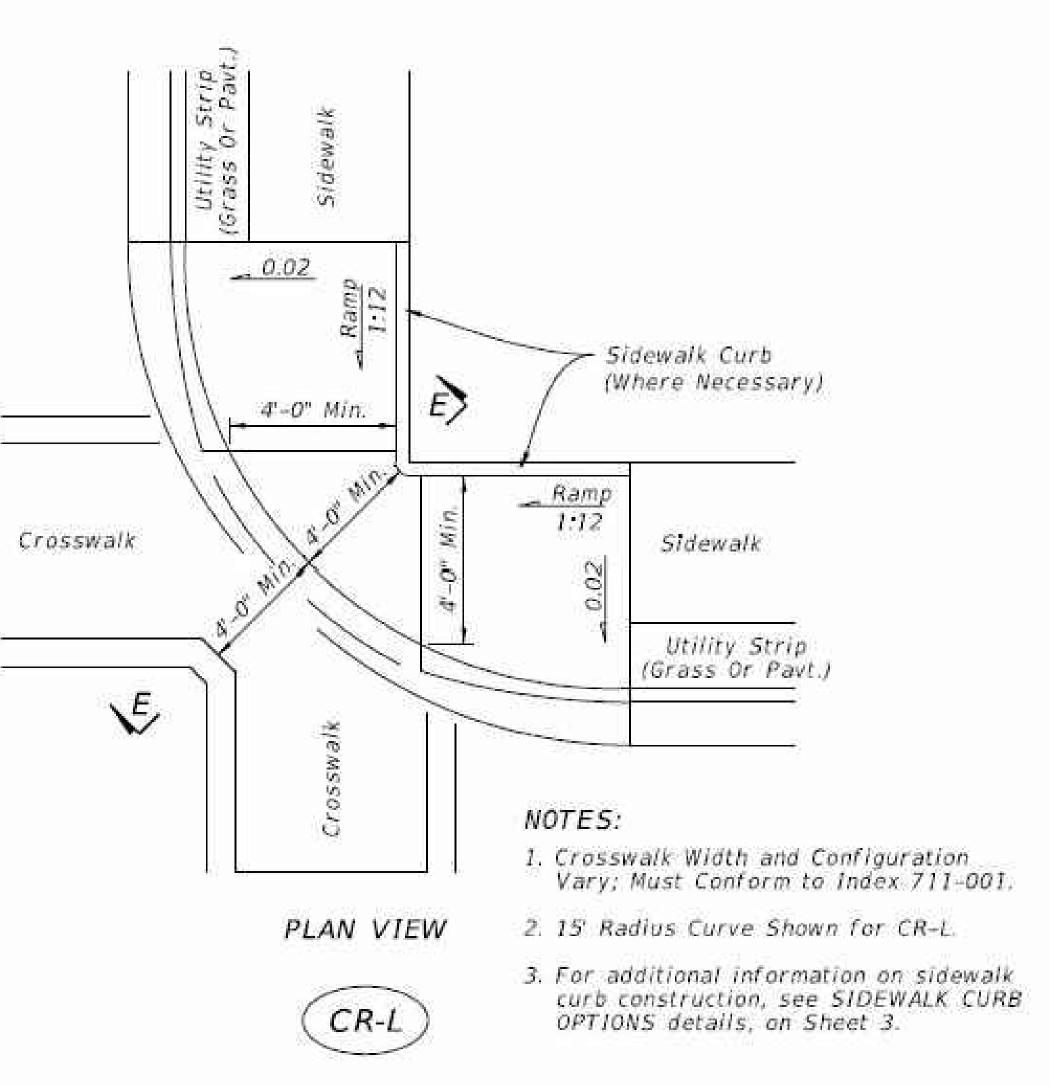


PLAN VIEW





ISOMETRIC VIEW



SIDEWALK CURB RAMPS CR-H, CR-K & CR-L

= DETECTABLE WARNING ON FLUSH SHOULDER SIDEWALKS =

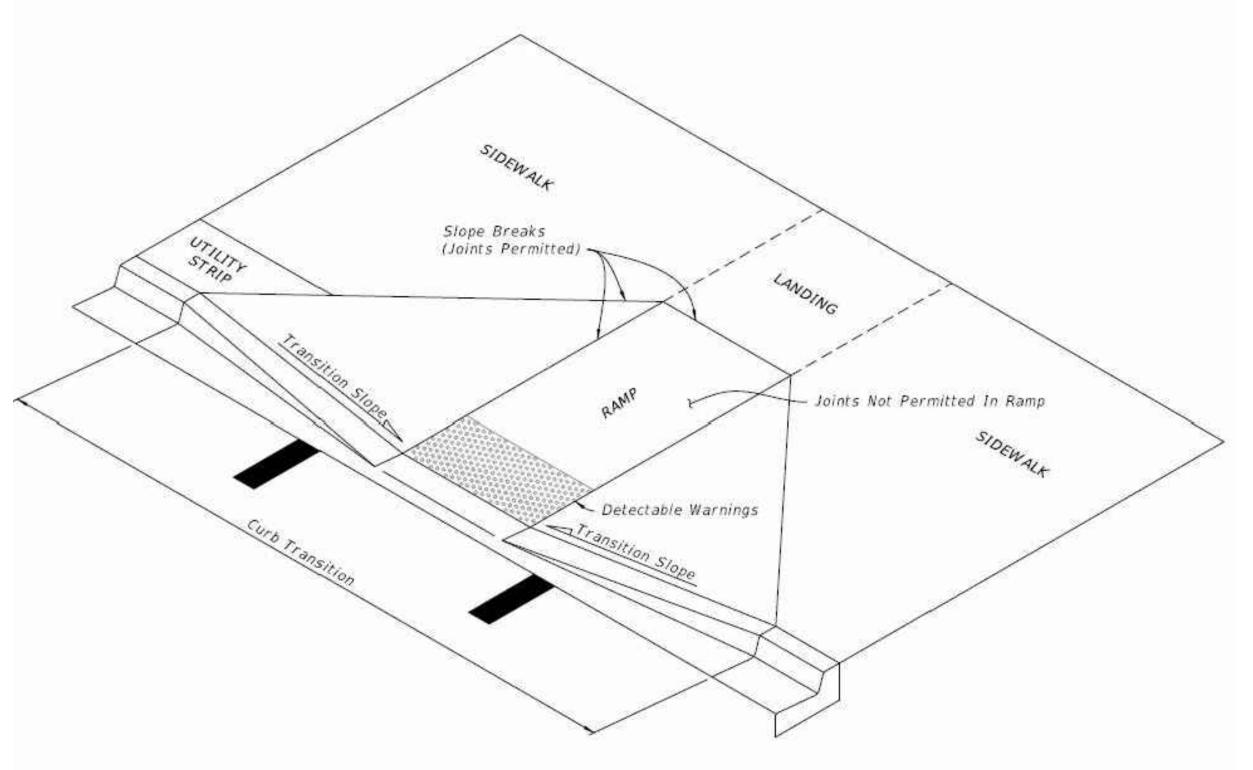
GENERAL NOTES:

OPTION A

1. Cross Slopes and Grades:

2-0" Detectable Warnings

- A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
- B. Landings must have cross-slopes less than or equal to 0.02 in any direction.
- C. Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
- D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.
- 2. Curb, Curb and Gutter and/or Sidewalk:
- A. Refer to Index 522-001 for concrete thickness and sidewalk details.
- B. Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.
- C. Width of Curb Ramp is 4'-0" minimum. Match sidewalk or Shared Use Path width as shown in the Plans,
- 3. Curb Ramp Alpha-Identification:

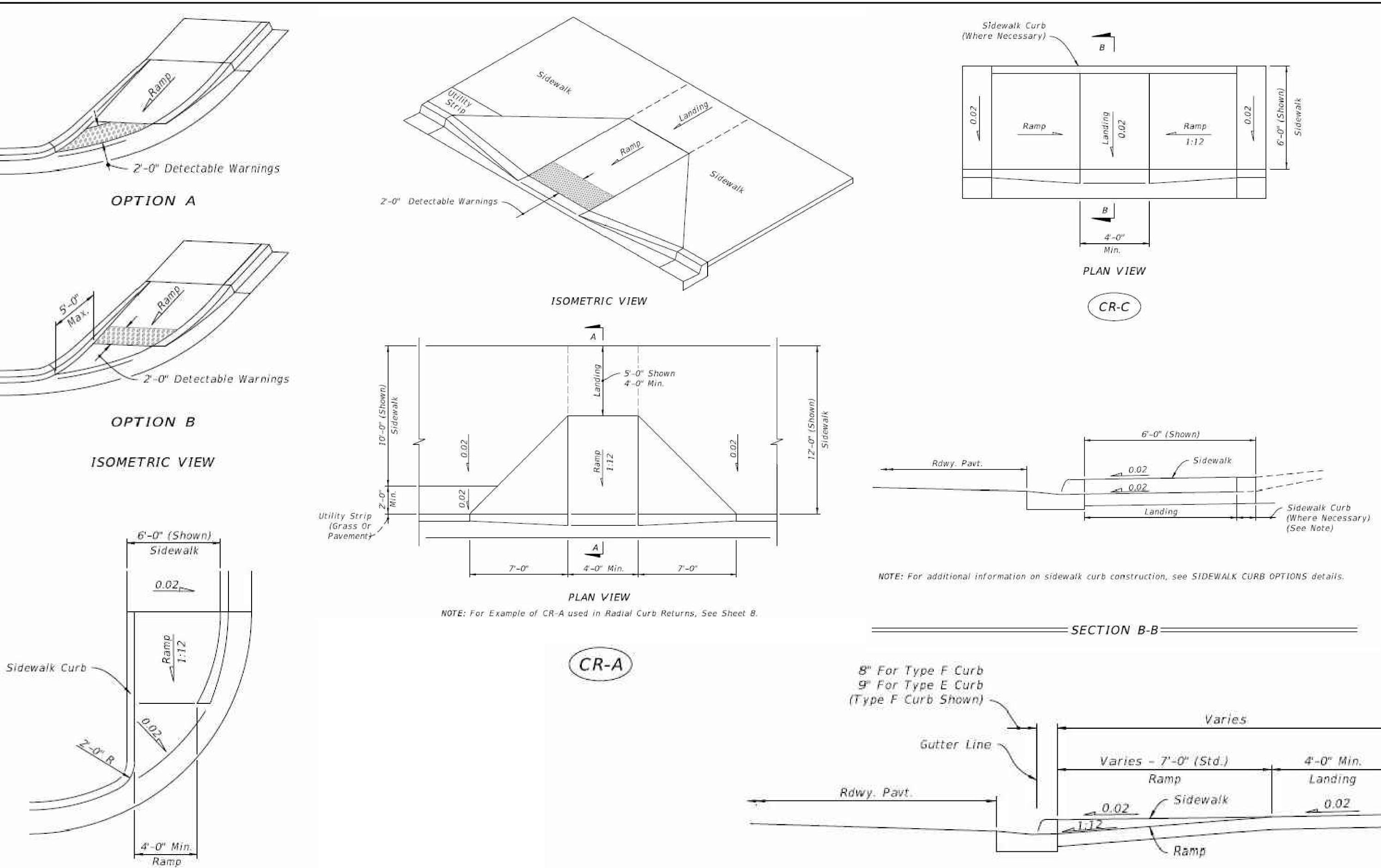






= SECTION A-A =

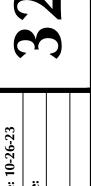
CITY OF WESTON
DEPARTMENT OF PUBLIC WORKS & UTILITIES
2599 South Post Road, Weston, Florida 33327



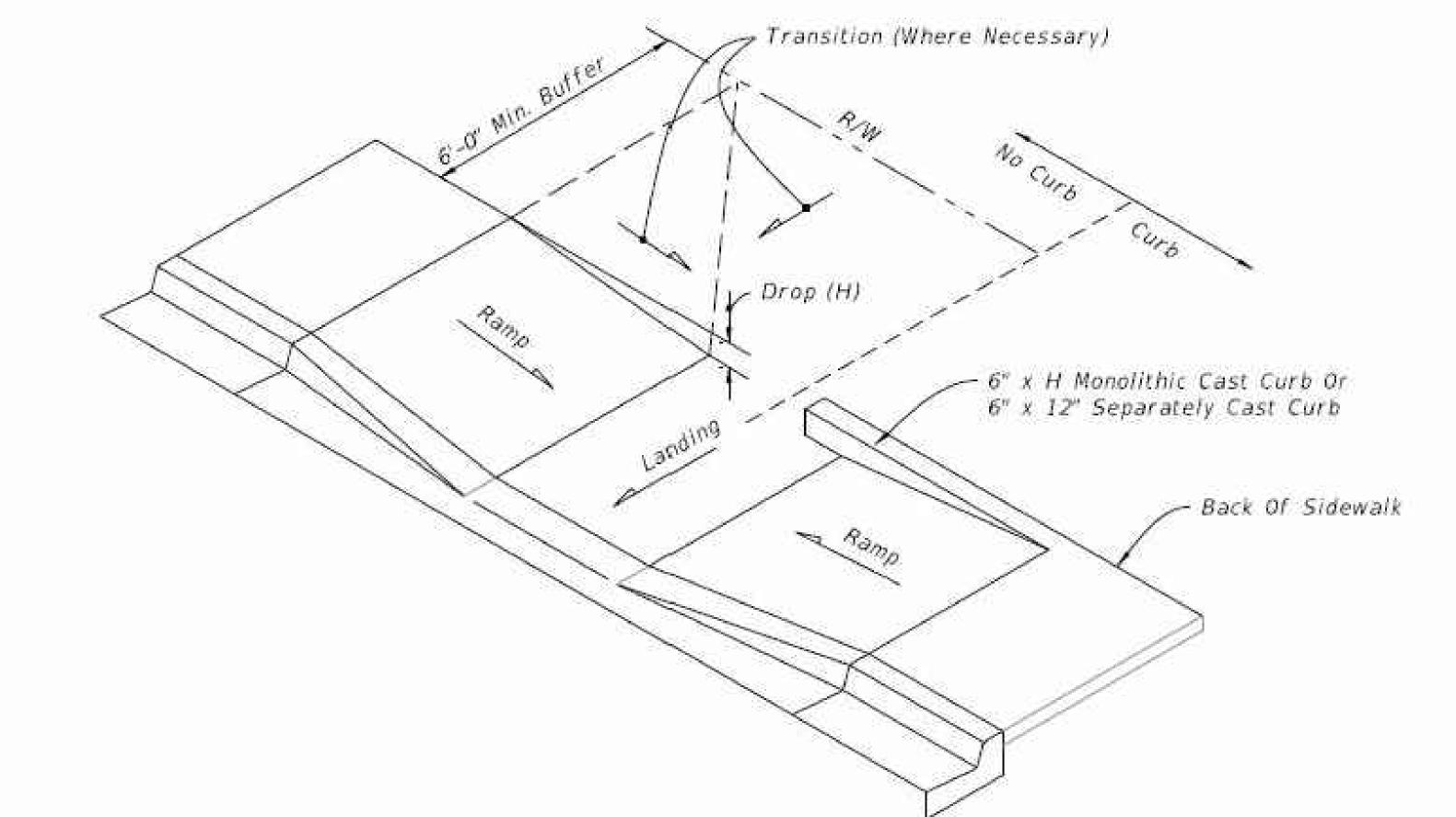
PLAN VIEW

CR-G)

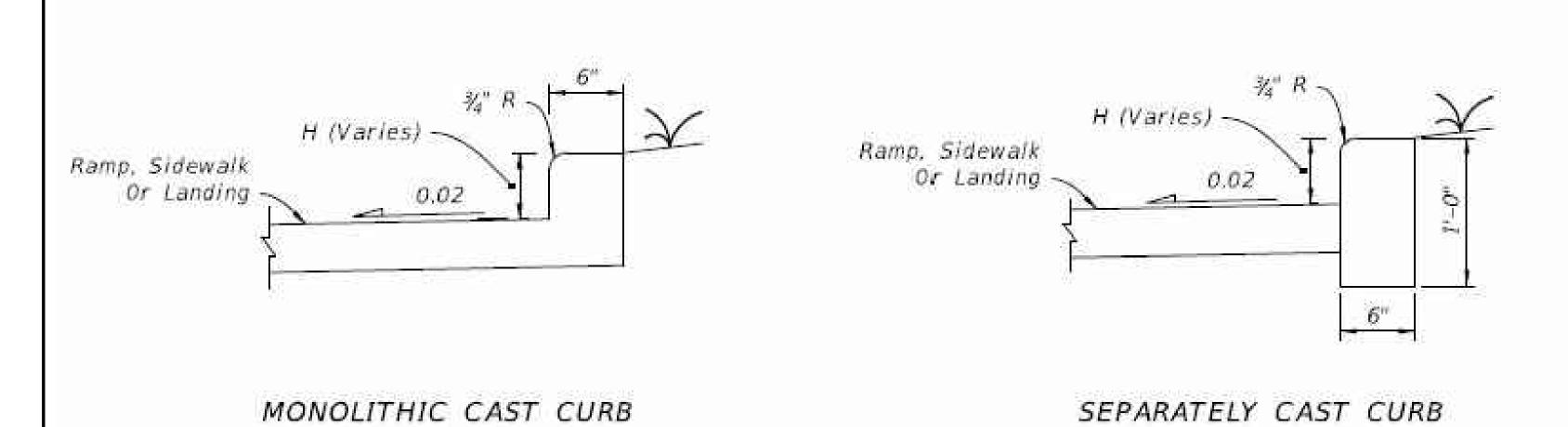




	Date: 10-12-23	Date: 10-26-23	Date:	
ng Division	sio		by:	



CONSTRUCTION OF SIDEWALK CURB IN CUT SECTIONS



SIDEWALK CURB OPTIONS