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Please Email ALL Questions:
[MailTo:ContractAdministration@TampaGov.net](mailto:ContractAdministration@TampaGov.net)

Please Let Us Know If You Plan To Bid

City of Tampa
Contract Administration Department
306 E. Jackson St. #280A4N
Tampa, FL 33602
(813)274-8456

SW

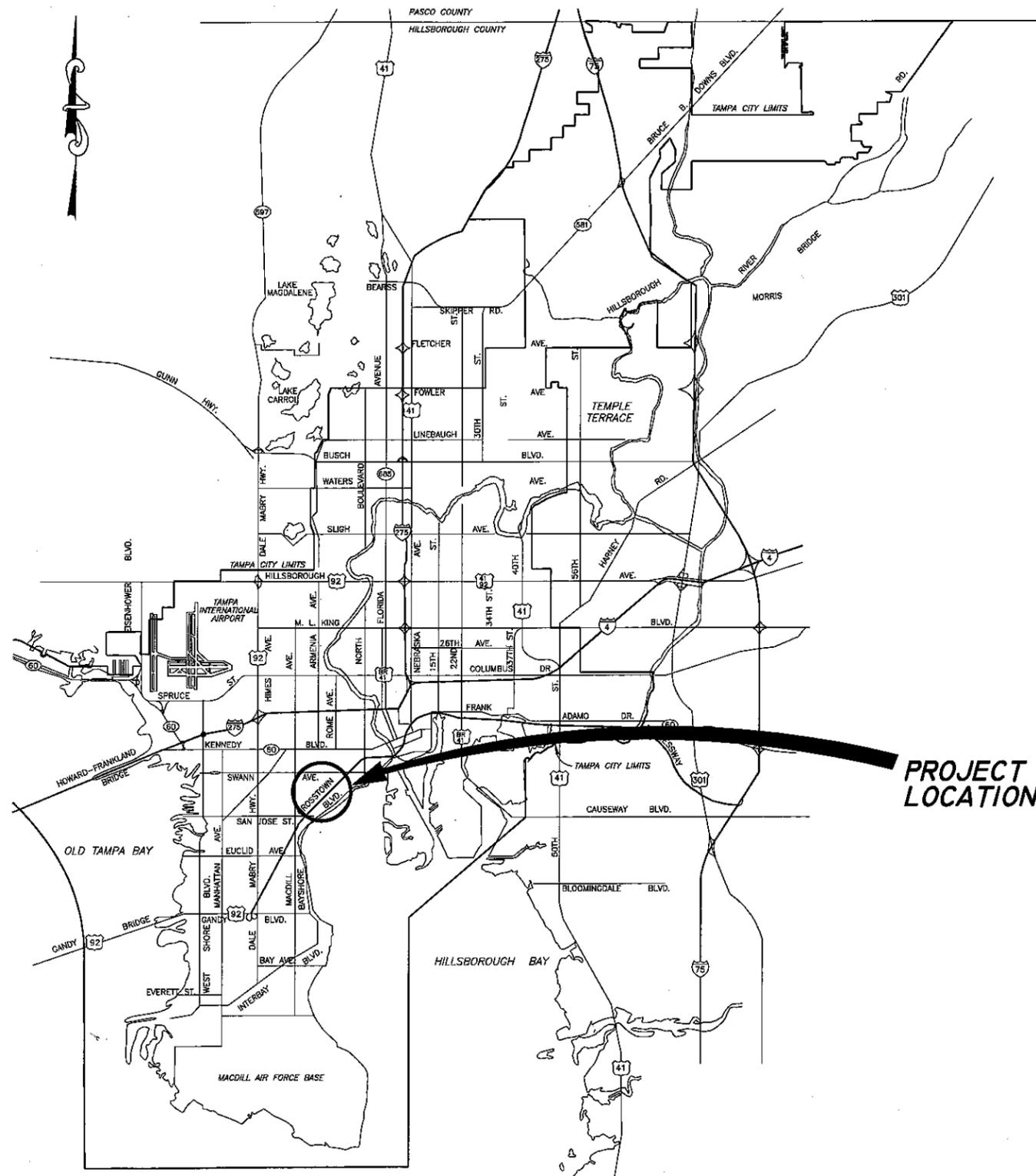
CITY of TAMPA



DEPARTMENT OF TRANSPORTATION AND STORMWATER SERVICES STORMWATER ENGINEERING DIVISION

PLANS FOR
W. MARJORY AVENUE
ROADWAY RECONSTRUCTION

PROJECT # 1000572
CONTRACT 15-C-00039




RICHARD ALFRED HOEL, P.E. #41026
CHIEF ENGINEER

DES: Michael T. Miller
DRN: Michael P. Lala
CKD:
DATE:

No.	DATE	REVISIONS
3		
2		
1		

CITY of TAMPA
Department of Transportation and
Stormwater Services
Stormwater Engineering Division

COVER SHEET

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OF 14

GENERAL NOTES

1. THE CITY OF TAMPA RELIED ENTIRELY UPON THE BOUNDARY AND TOPOGRAPHIC SURVEY PREPARED BY POLARIS ASSOCIATES, INC. DATED 12/23/14, FOR THE EXISTING CONDITIONS WHICH WERE USED AS A BASE FOR THIS DESIGN.
2. THE PROPERTY SHOWN HEREON FALLS WITHIN FLOOD ZONE "X", AS SHOWN ON THE FLOOD INSURANCE RATE MAP. COMMUNITY PANEL NUMBER 12057C0361H, REVISED DATE AUGUST 28, 2008.
3. ELEVATIONS ARE BASED ON HILLSBOROUGH COUNTY BENCHMARK "VA-922" HAVING AN ELEVATION OF 20.68 NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88). TO OBTAIN NATIONAL GEODETIC VERTICAL DATUM 1929 (NGVD 29) ELEVATIONS, ADD 0.86 FEET TO THE ELEVATIONS SHOWN HEREON.
4. BEARINGS ARE BASED ON THE WEST MARJORY AVENUE BASELINE FROM 10+00.00 TO 12+34.65, BEING ASSUMED AS N 68°07'16"E.
5. THE STATE PLANE VALUES ARE TIED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM (GRID), WEST ZONE, NORTH AMERICAN DATUM 1983-1991, ADJUSTMENT 1990, AND WERE DERIVED FROM COORDINATES PUBLISHED BY THE NGS.
HORIZONTAL CONTROL POINT No.1: "FS9", N=1,318,023.58, E=498,982.45
HORIZONTAL CONTROL POINT No.2: "FRED", N=1,304,832.12, E=498,319.75
6. THE LOCATION OF EXISTING UTILITIES ARE APPROXIMATE AS SHOWN AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION OF THE UTILITIES PRIOR TO CONSTRUCTION IN THEIR VICINITY. THE CONTRACTOR SHALL NOTIFY ALL CONCERNED PUBLIC AGENCIES AND UTILITY COMPANIES IN THE AREA BEFORE BEGINNING CONSTRUCTION, INCLUDING "SUNSHINE" AT 1-800-432-4770.
7. EXERCISE CAUTION WHEN WORKING NEAR VALVE BOXES, METERS, AND HYDRANTS. IF PROBLEMS OCCUR WITH WATER FACILITIES DURING CONSTRUCTION, CALL THE WATER DEPARTMENT TRIAGE CENTER AT 274-7400.
8. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS IN PDF FORMAT TO THE ENGINEER FOR REVIEW. SHOP DRAWINGS SHALL INCLUDE:
A) MANHOLE SHOP DRAWINGS AND CONC. STRENGTH REPORT.
B) FRAME AND COVER SHOP DRAWINGS.
C) STORM STRUCTURES AND PIPING.
D) PAVING DATA.
10. AT LEAST FIVE (5) DAYS PRIOR TO CONSTRUCTION OF UNDERGROUND UTILITIES, THE CONTRACTOR SHALL CONTACT THE CITY OF TAMPA CONSTRUCTION ADMINISTRATION TO ENSURE AVAILABILITY OF INSPECTION PERSONNEL. ANY WORK PERFORMED PRIOR TO NOTIFYING ENGINEER OF RECORD OR WITHOUT A DEPARTMENT INSPECTOR PRESENT MAY BE SUBJECT TO REMOVAL AND REPLACEMENT. SHOP DRAWINGS SHALL BE MADE AVAILABLE TO CITY INSPECTOR(S) UPON REQUEST.
11. ALL DESIGN AND CONSTRUCTION MUST CONFORM TO THE MINIMUM STANDARDS SET FORTH IN CITY OF TAMPA LAND DEVELOPMENT CODE AND/OR RELATED ORDINANCES SUCH AS TREE AND LANDSCAPE CODE, STORMWATER TECHNICAL STANDARDS AND FIRE CODES, ALLOCABLE TO THE PROJECT AT TIME OF PERMITTING.
12. THE CONTRACTOR SHALL KEEP RECORD DRAWINGS OF THE UTILITY WORK AND SHALL SUBMIT ONE CERTIFIED COPY, PREPARED BY A REGISTERED LAND SURVEYOR TO THE ENGINEER PRIOR TO FINAL PAYMENT.
13. CONSTRUCTION MATERIAL TESTING WILL BE PROVIDED BY THE CONTRACTOR. ALL SOIL DENSITY TESTING AND CONCRETE STRENGTH TESTING WILL BE PROVIDED BY THE CITY OF TAMPA.
14. ALL RIGHT-OF-WAY INSTALLATIONS WILL BE IN ACCORDANCE WITH PRACTICES REFERENCED IN THE STATE OF FLORIDA UTILITIES ACCOMMODATIONS MANUAL AND PERMITTED THROUGH THE CITY OF TAMPA.
15. ALL EXISTING TRAFFIC SIGNS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
16. PRIOR TO ANY CONSTRUCTION/DEMOLITION, CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH UTILITY PROVIDERS, F.D.O.T., CITY OF TAMPA AND SHALL COORDINATE MEETING WITH OWNER.
17. CONTRACTOR SHALL RESTORE ALL LANDSCAPING, SODDING AND PAVEMENT THAT MAY BE DAMAGED DURING CONSTRUCTION TO IT'S ORIGINAL CONDITION OR BETTER. CONTRACTOR SHALL SOD ALL UNPAVED AREAS.
18. ALL CONSTRUCTION ACTIVITIES MUST BE PLANNED TO PROVIDE MINIMAL IMPACT TO THE TREES ADJACENT TO THE WORK AREA. ALL WORK WITHIN THE PROTECTIVE RADIUS OF THE TREES MUST BE COORDINATED WITH PLANNING AND DEVELOPMENT NATURAL RESOURCES SECTION WHO CAN BE REACHED AT (813) 274-3100.
19. ALL NONPROTECTIVE AND NUISANCE SPECIES SUCH AS LAUREL CHERRY, BRAZILIAN PEPPER, ETC. SHALL BE REMOVED AND STUMPS TREATED TO PREVENT REGROWTH.
20. PROTECTIVE BARRICADES SHALL BE INSTALLED AROUND ALL PROTECTED TREES AND GRAND TREES PRIOR TO ANY CONSTRUCTION ACTIVITIES ON THE DEVELOPMENT SITE.
A) BARRICADES SHALL BE INSTALLED A MINIMUM OF TEN (10) FEET FROM A PROTECTIVE TREE AND A MINIMUM OF TWENTY (20) FEET FROM A GRAND TREE.
21. NO CHANGES SHALL TAKE PLACE TO THE PREDEVELOPMENT CONDITIONS WITHIN THE PROTECTIVE ROOT ZONE DURING THE CONSTRUCTION PROCESS, WITHOUT THE CONSENT OF THE PLANNING AND DEVELOPMENT, NATURAL RESOURCES COORDINATOR.
22. NO PARKING OR STORAGE OF VEHICLES, EQUIPMENT, OR MATERIALS IS ALLOWED WITHIN THE PROTECTIVE ROOT ZONE.
23. ALL TREE TRIMMING AND ROOT PRUNING MUST FOLLOW THE FOLLOWING REQUIREMENTS:
A) ALL WORK MUST BE SUPERVISED BY A CERTIFIED ARBORIST
B) ALL ROOTS MUST BE SEVERED CLEAN AT THE PROTECTIVE ROOT ZONE OF THE PROTECTIVE AND GRAND TREES TO PREVENT ROOT DAMAGE.
C) ROOT PRUNING AND TREE TRIMMING MUST BE PERFORMED WITH AN APPROVED CUTTING TYPE EQUIPMENT, SUCH AS A CHAINSAW, HAND SAW, OR OTHER CUTTING EQUIPMENT.
24. ALL CONCRETE TO BE FDOT CLASS I, 3000 PSI CONCRETE.
25. ALL HISTORICAL CARTOUCHES OR SEGMENTS OF EXISTING WALK CONTAINING CARTOUCHES SHALL BE EITHER PRESERVED AND REINSTALLED OR PRESERVED AND PROTECTED IN PLACE. CARTOUCHES TO BE PRESERVED ARE NOT LIMITED TO THOSE DENOTED ON THE PLANS. OTHERS DISCOVERED DURING CONSTRUCTION MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND PRESERVED.

User: ss17 Drawing Name: K:\Stormwater Drafting\Active Projects\Marjory Ave\W Marjory Ave Roadway Recon Redone.dwg Layout- May 26, 2015 - 3:00pm CTB - BLACKANDWHITE.CTB

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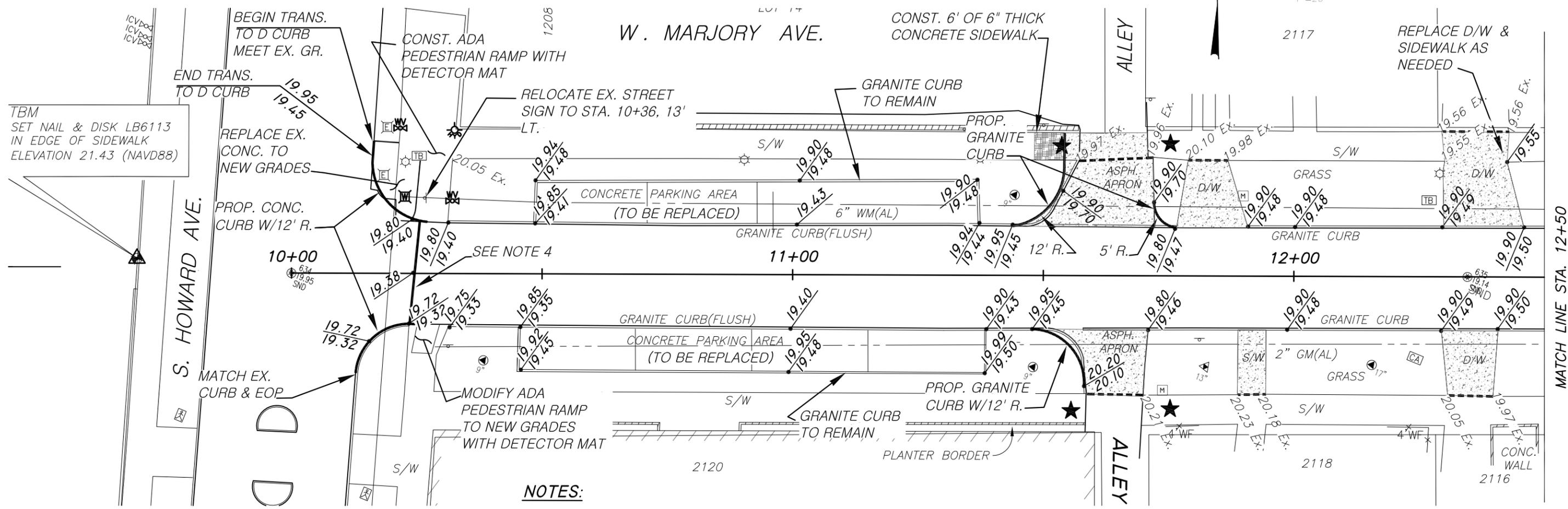
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CITY of TAMPA
Department of Transportation
and Stormwater Services
Stormwater Engineering Division

**W. MARJORY AVENUE
ROADWAY RECONSTRUCTION**

SW

J-11
SEC. 26 T29S R18E



NOTES:

- 1) GRANITE CURBS TO BE REMOVED & REPLACED AT PROPOSED GRADES
- 2) GRANITE CURBS AT DRIVEWAY APRONS WILL BE RESET TO E.O.P. GRADE.
- 3) ADA PEDESTRIAN RAMPS & DETECTOR MATS SHALL COMPLY WITH FDOT INDEX 309.
- 4) PROPOSED HEADER CURB FOR BRICK PAVING ALTERNATE.
- 5) REPLACEMENT SIDEWALK AND DRIVEWAYS SHALL MATCH EXISTING CONDITIONS REGARDING WIDTHS, SCORING PATTERNS, AND ELEVATED FLARED DRIVEWAY TAPERS.

LEGEND

- ADD DETECTOR MATS
- PROP. TOP OF CURB
E.O.P.
- S/W & D/W APRONS TO BE REPLACED & MATCH EX. GRADES.

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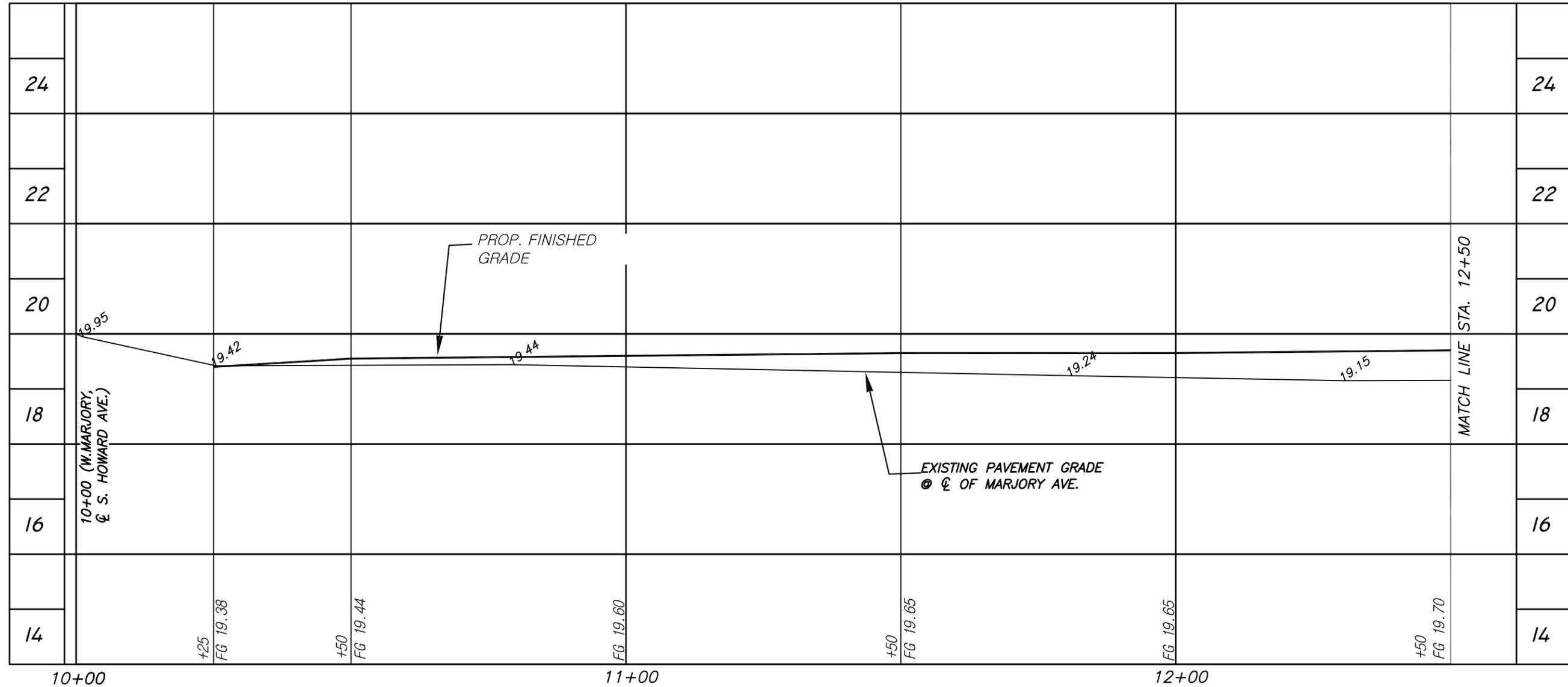
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 ROADWAY RECONSTRUCTION

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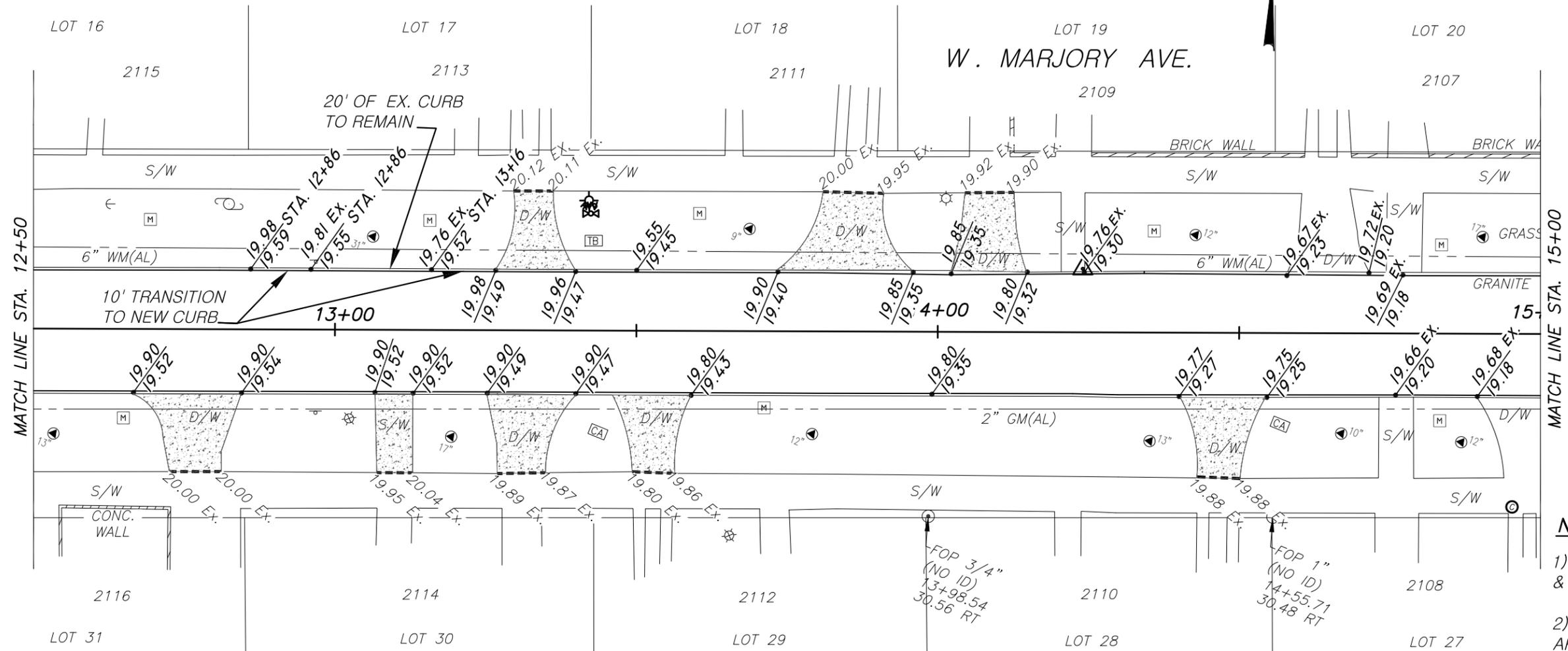
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 ROADWAY RECONSTRUCTION

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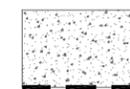
NOTES:

- 1) GRANITE CURBS TO BE REMOVED & REPLACED AT PROPOSED GRADES
- 2) GRANITE CURBS AT DRIVEWAY APRONS WILL BE RESET TO E.O.P. GRADE.
- 3) END RESETTING OF GRANITE CURB AT STA. 14+25 ON NORTH SIDE & STA. 14+75 ON SOUTH SIDE.
- 4) REPLACEMENT SIDEWALK AND DRIVEWAYS SHALL MATCH EXISTING CONDITIONS REGARDING WIDTHS, SCORING PATTERNS, AND ELEVATED FLARED DRIVEWAY TAPERS.

LEGEND

★ ADD DETECTOR MATS

● PROP. TOP OF CURB
— E.O.P.



S/W & D/W APRONS TO BE REPLACED & MATCH EX. GRADES.

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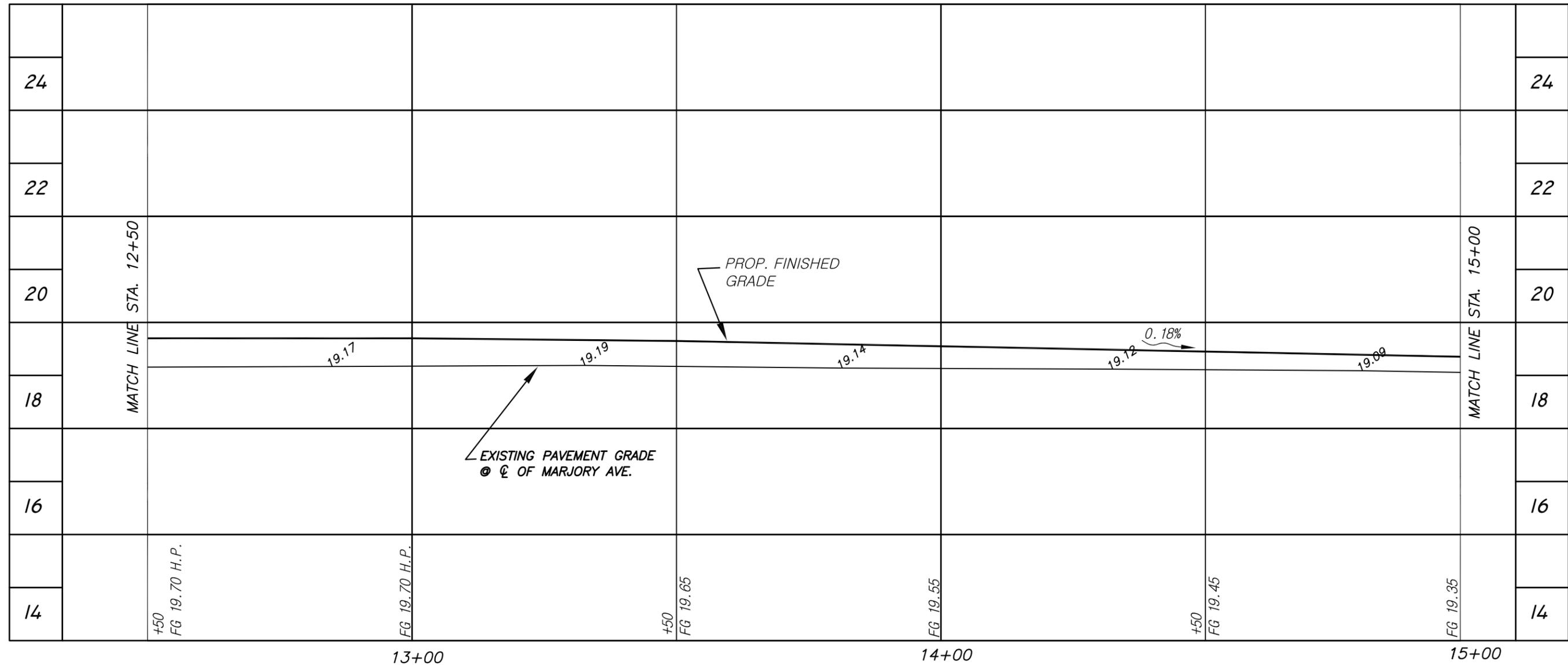
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ROADWAY RECONSTRUCTION

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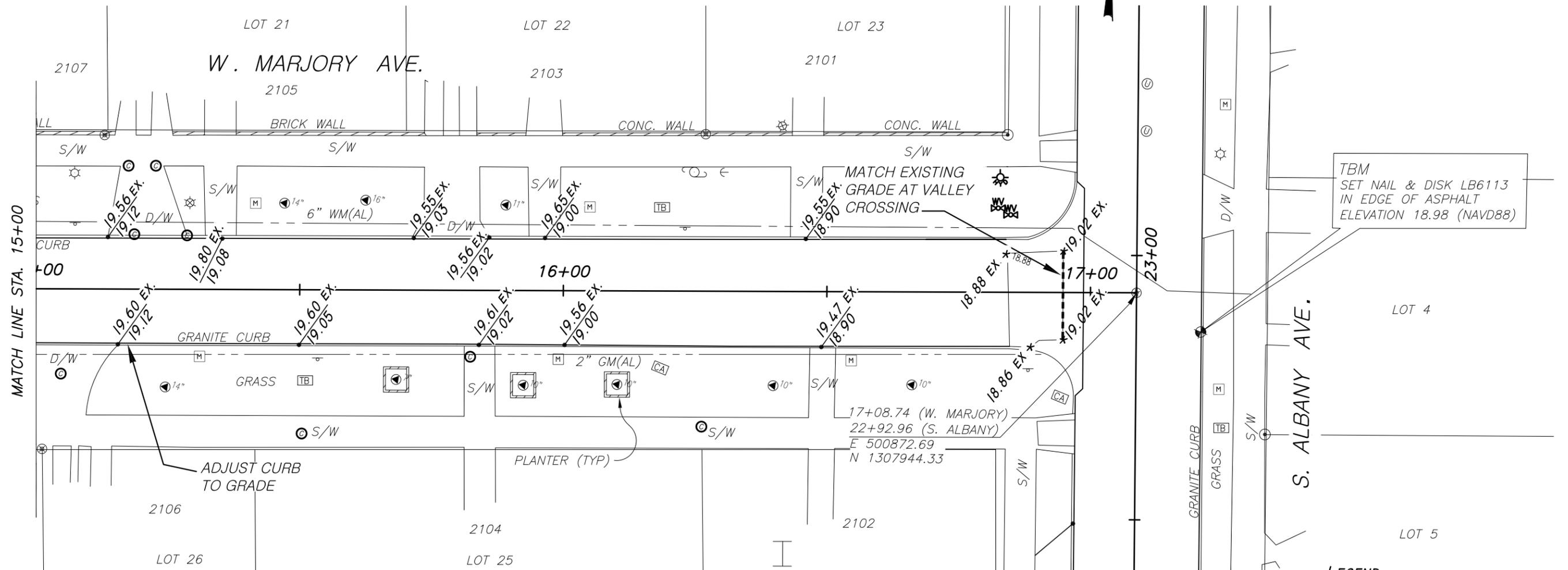
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W. MARJORY AVENUE
 ROADWAY RECONSTRUCTION

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SW

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SEC. 26 T29S R18E
0 20
1"=20'



TBM
SET NAIL & DISK LB6113
IN EDGE OF ASPHALT
ELEVATION 18.98 (NAVD88)

- LEGEND**
- ★ ADD DETECTOR MATS
 - PROP. TOP OF CURB
 - E.O.P.
 - [Stippled Box] S/W & D/W APRONS TO BE REPLACED & MATCH EX. GRADES.

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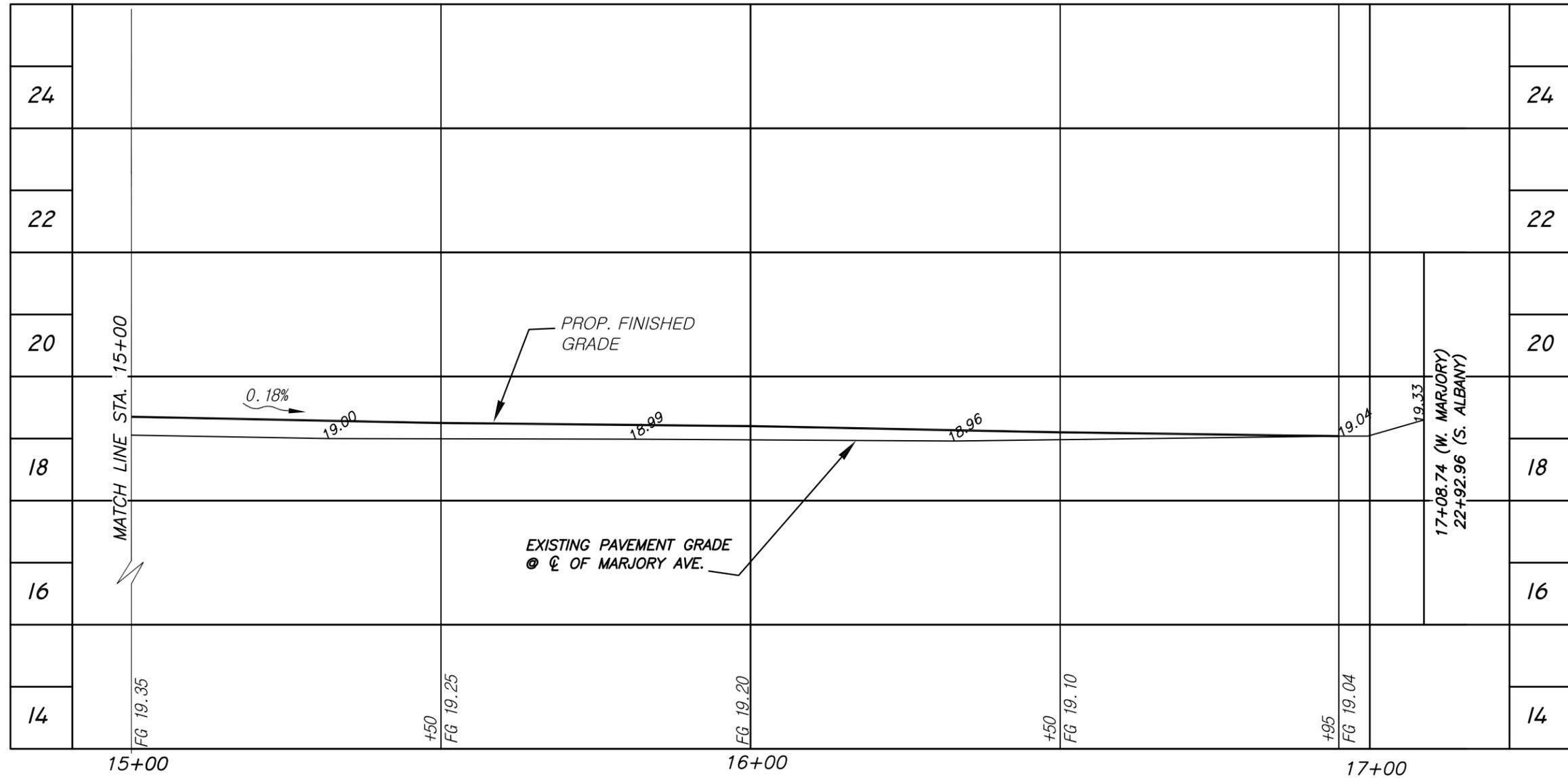
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ROADWAY RECONSTRUCTION

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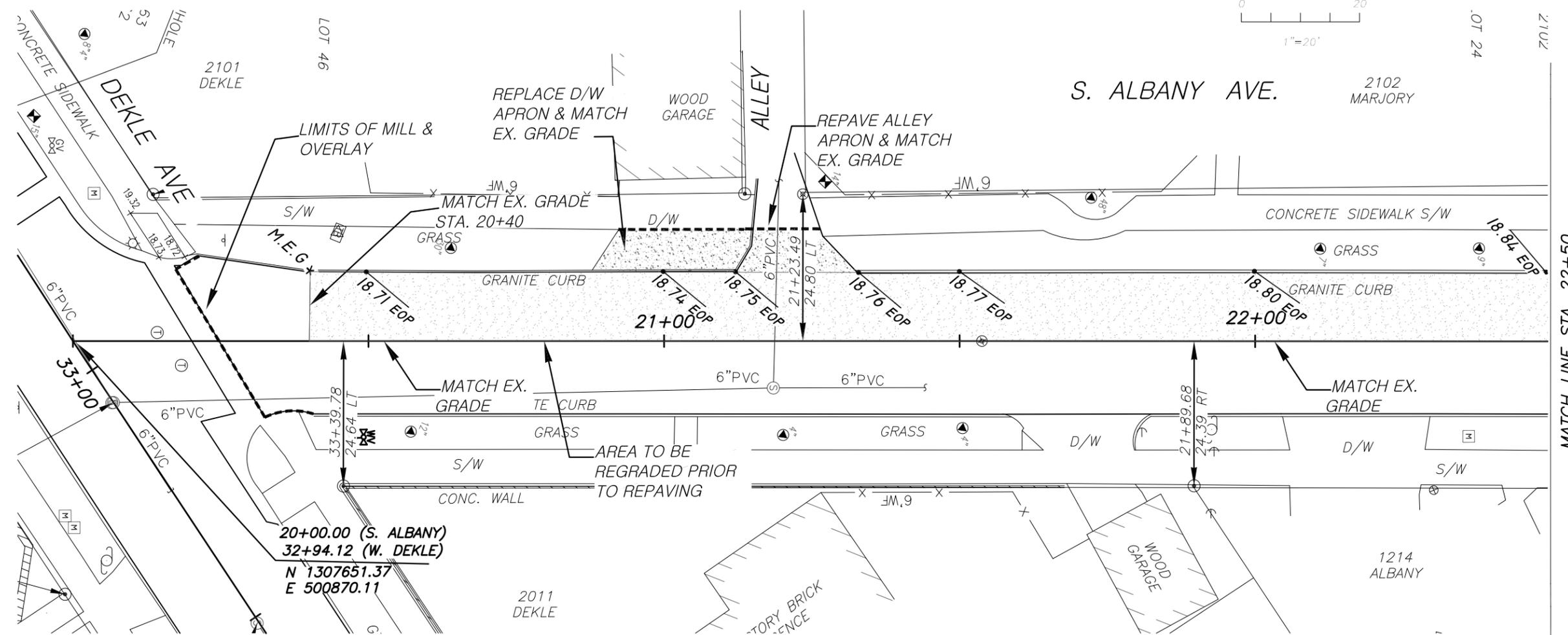
W. MARJORY AVENUE
 ROADWAY RECONSTRUCTION

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20+00.00 (S. ALBANY)
32+94.12 (W. DEKLE)
N 1307651.37
E 500870.11

NOTE:

- 1) DO NOT DISTURB GRANITE CURB.
- 2) HOLD EXISTING CENTERLINE GRADE.
- 3) 1" MILL & OVERLAY S. ALBANY FROM VALLEY CROSSING @ DEKLE TO VALLEY CROSSING @ WATROUS.
- 4) REPLACEMENT SIDEWALK AND DRIVEWAYS SHALL MATCH EXISTING CONDITIONS REGARDING WIDTHS, SCORING PATTERNS, AND ELEVATED FLARED DRIVEWAY TAPERS.

LEGEND

- ★ ADD DETECTOR MATS
- PROP. TOP OF CURB
- E.O.P.
- [Stippled Area] S/W & D/W APRONS TO BE REPLACED & MATCH EX. GRADES.

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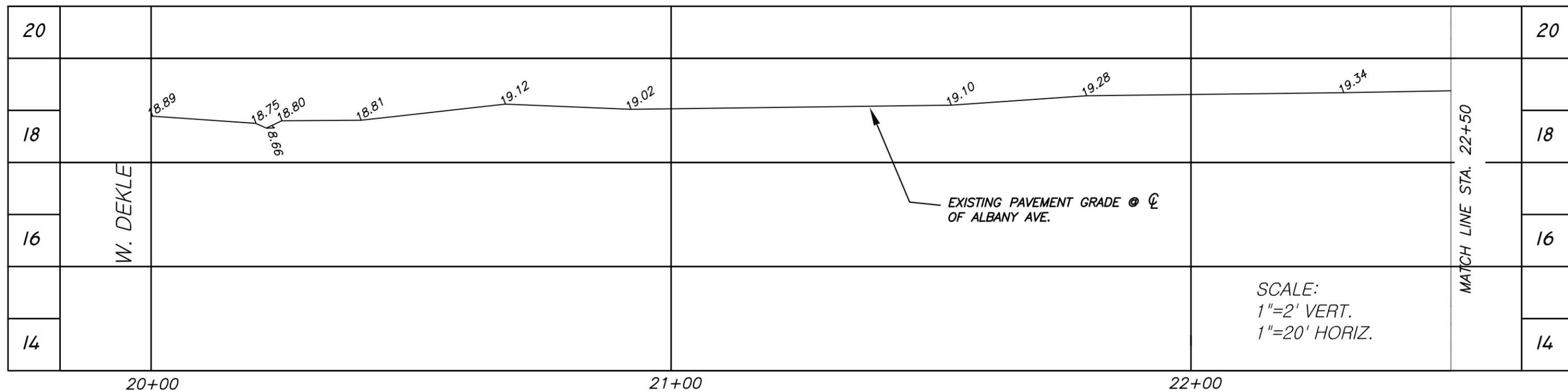
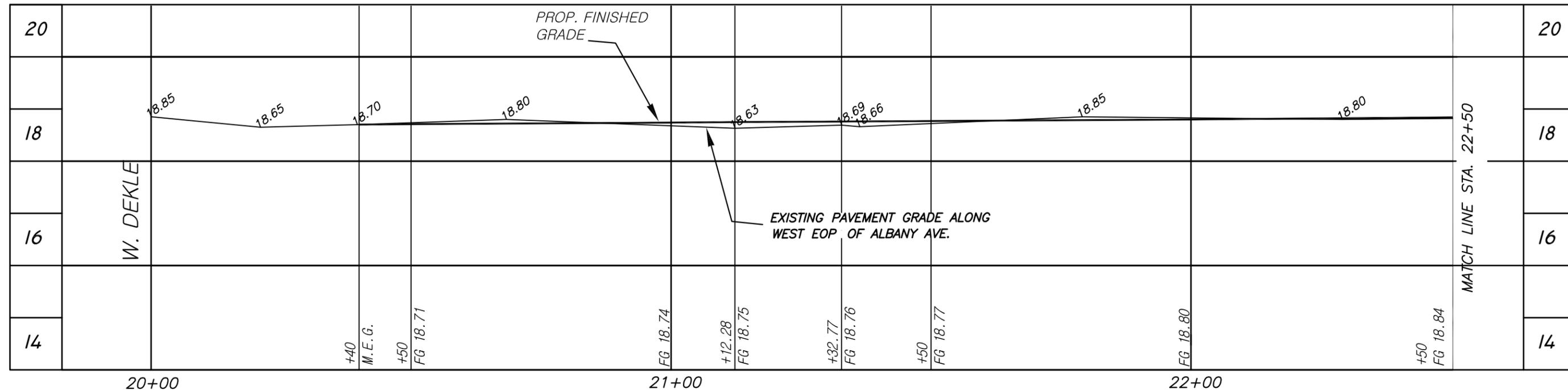
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W. MARJORY AVENUE
ROADWAY RECONSTRUCTION

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SCALE:
1"=2' VERT.
1"=20' HORIZ.

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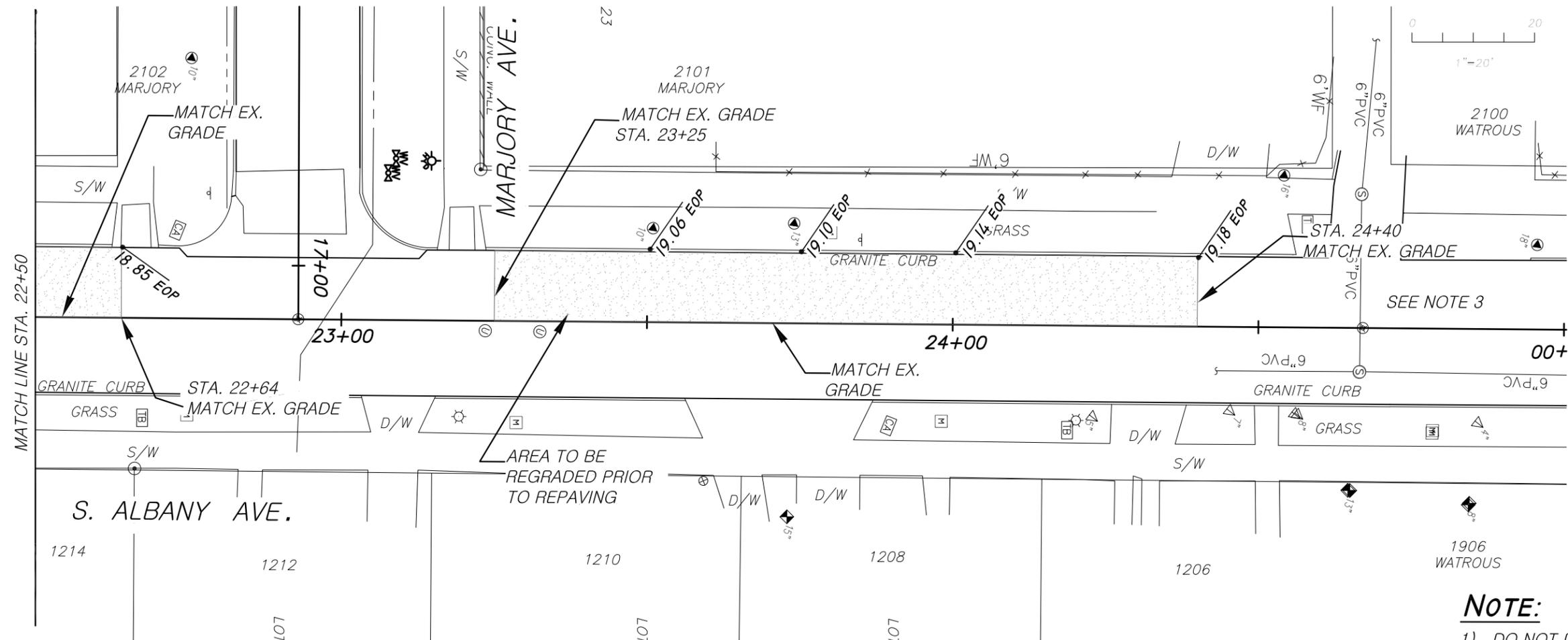
W. MARJORY AVENUE
ROADWAY RECONSTRUCTION

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NOTE:

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- 2) HOLD EXISTING CENTERLINE GRADE.
- 3) 1" MILL & OVERLAY S. ALBANY FROM VALLEY CROSSING @ DEKLE TO VALLEY CROSSING @ WATROUS.
- 4) REPLACEMENT SIDEWALK AND DRIVEWAYS SHALL MATCH EXISTING CONDITIONS REGARDING WIDTHS, SCORING PATTERNS, AND ELEVATED FLARED DRIVEWAY TAPERS.

LEGEND

★ ADD DETECTOR MATS

● PROP. TOP OF CURB
— E.O.P.

S/W & D/W APRONS TO BE REPLACED & MATCH EX. GRADES.

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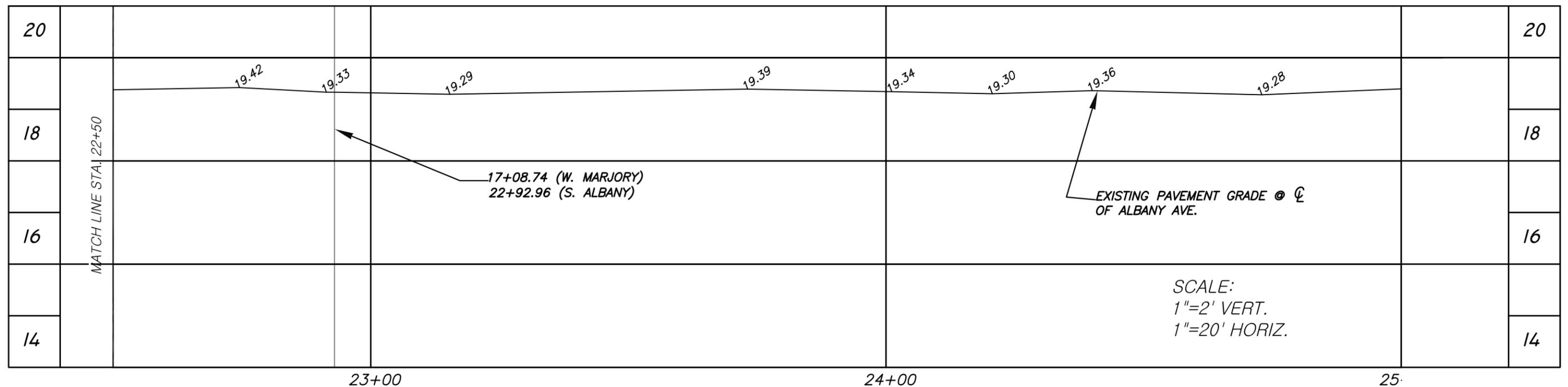
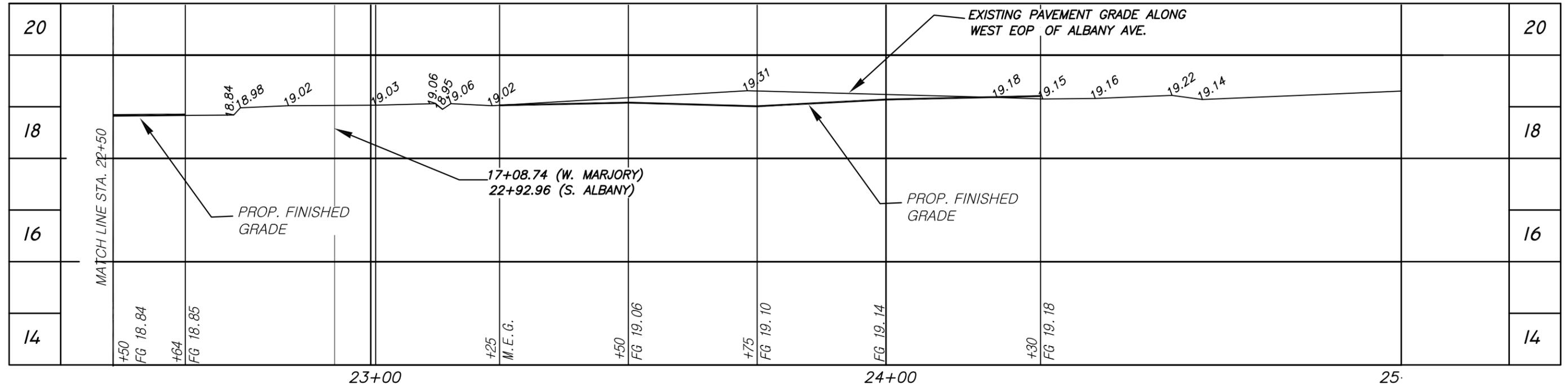
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ROADWAY RECONSTRUCTION

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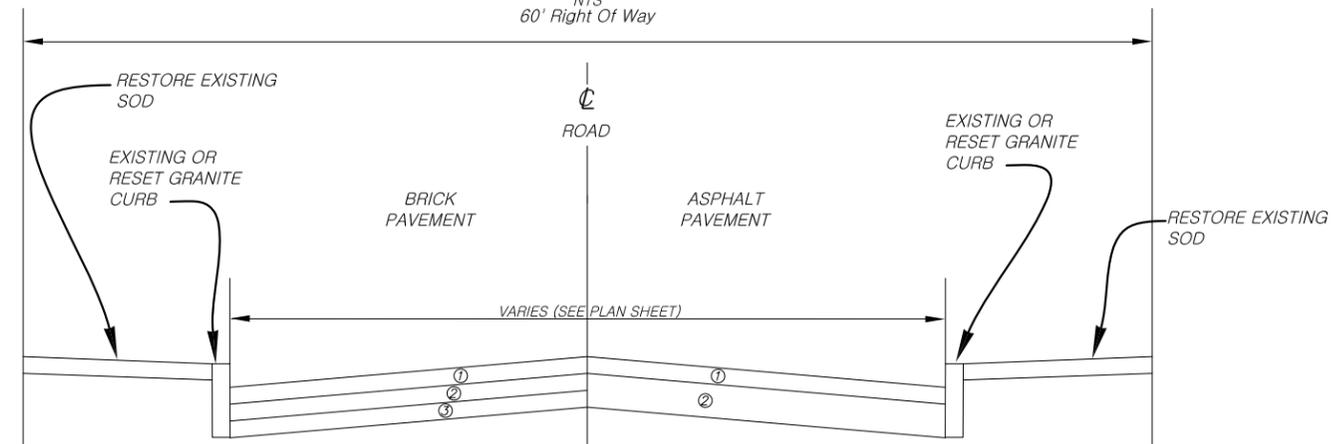
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W. MARJORY AVENUE
 ROADWAY RECONSTRUCTION

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**MARJORY AVE. ROAD
CONSTRUCTION ALTERNATES**

NTS
60' Right Of Way

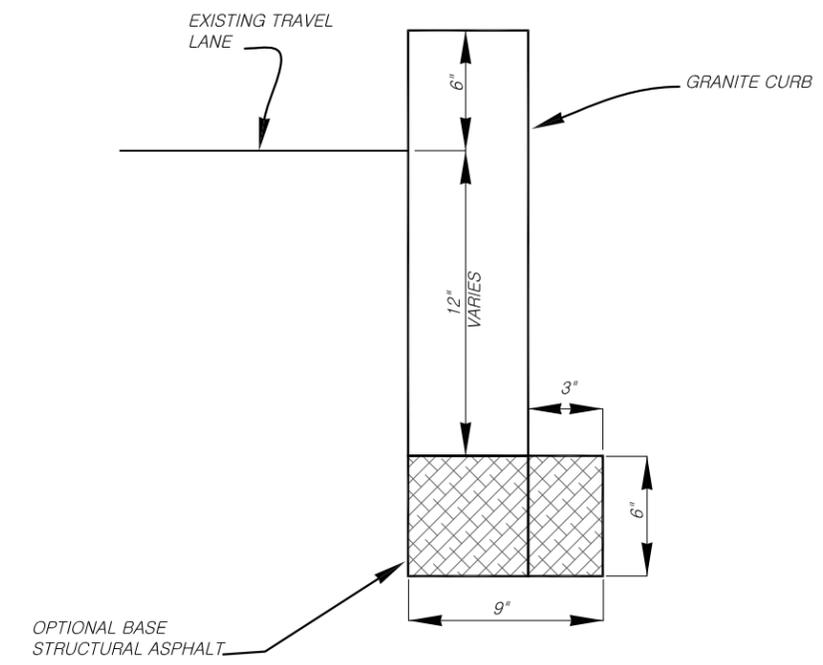


PAVEMENT LAYERS (SEE SPECIFICATIONS)

- ① RED CLAY BRICK 2³/₄"
- ② SAND CUSHION (1" MIN.)
- ③ CRUSHED CONCRETE BASE (8")

* GENERALLY, ACTUAL DIMENSION VARIES.

- ① SP 12.5 ASPHALT @ 2"
- ② CRUSHED CONCRETE BASE (8")



GRANITE CURB RESET DETAIL

NTS

BASE PREPARATION

THE BASE MATERIAL SHALL BE COMPACTED TO MEET THE CITY OF TAMPA'S DENSITY STANDARDS. BASE MATERIAL, IN ALL CASES, SHALL BE PROPERLY PLACED, CONSOLIDATED TO 98% COMPACTION AND CURED. A MINIMUM OF ONE INCH OF SAND, OR CLEAN FILL, FREE FROM CLAY, LOAM OR OTHER FOREIGN MATTER SHALL BE USED FOR CUSHION TO HOLD THE BRICKS IN PLACE. THE SAND SHALL BE SHAPED TO A TRUE SURFACE PARALLEL TO REQUIRED FINISHED PAVEMENT SURFACE.

INSTALLATION OF BRICKS

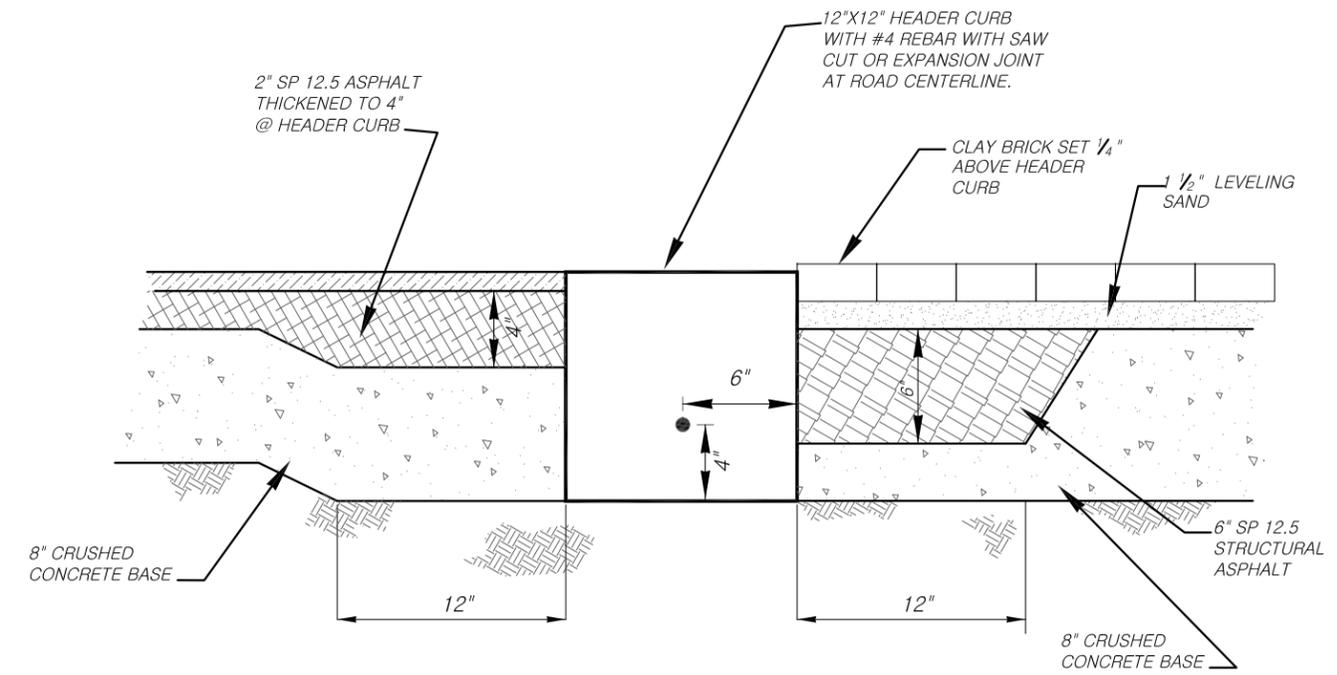
BRICKS SHALL BE CLAY BRICK AS MANUFACTURED BY PINE HALL BRICK COMPANY, SPECIFICALLY BEALE STREET - RUMBLED AND 4"x8"x2³/₄" IN SIZE OR EQUAL. THE BRICKS SHALL BE INSTALLED IN ROWS PERPENDICULAR TO THE CURB, BETTER FACE UPWARD, SORTED BY SIZE WITH JOINTS STAGGERED, THEN ROLLED DAILY WITH A STATIC TANDEM WHEEL ROLLER. CITY PERSONNEL SHALL INSPECT WORK DAILY. AFTER INSPECTION, THE BRICKS SHALL BE SPRAYED WITH A SOLUTION OF LIME AND WATER, USING 26 LBS. OF LIME TO 55 GALLONS OF WATER. BRICKS SHALL BE SEALED WITH A 1:4 SAND CEMENT MIXTURE (SLURRY OR MOISTENED TO ENSURE CEMENTS SETS).

ACCEPTANCE

UPON COMPLETION OF THE WORK, AND BEFORE ACCEPTANCE AND FINAL PAYMENT, THE CONTRACTOR SHALL REMOVE ALL FALSEWORK, EQUIPMENT, RUBBISH, SURPLUS, AND DISCARDED MATERIALS. THE CONTRACTOR SHALL RESTORE IN AN ACCEPTABLE MANNER ALL PROPERTY, BOTH PUBLIC AND PRIVATE, DAMAGED DURING THE PROSECUTION OF THE WORK. THE CONTRACTOR SHALL LEAVE THE ROADWAY IN A NEAT AND PRESENTABLE CONDITION EACH DAY.

MILL & OVERLAY

SOUTH ALBANY AVENUE SHALL BE MILLED AND REPAVED FROM THE VALLEY CROSSING AT WATROUS AVENUE TO THE VALLEY CROSSING AT DEKLE AVENUE. MILLING SHALL BE 1¹/₂" DEEP OR DEEP ENOUGH TO ALLOW FOR REGRADING WHERE IDENTIFIED ON PLANS. REPAVING SHALL BE WITH ASPHALT PAVEMENT SP 12.5 AT LEAST 1¹/₂" THICK.



HEADER CURB DETAIL

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