

SPRINGFIELD AVENUE CITY HALL PORTION IMPROVEMENT PROJECT CITY OF SUMMIT UNION COUNTY, NEW JERSEY

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE SUMMIT POLICE DEPARTMENT 72 HOURS PRIOR TO THE START OF ANY WORK AND SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITHIN 30 DAYS OF THE DAY THE PROJECT IS AWARDED TO CONTRACTOR.
2. NO SEPARATE PAYMENT SHALL BE MADE FOR FLAGGERS. ALL COSTS FOR FLAGGERS SHALL BE INCLUDED IN VARIOUS ITEMS IN THE BID PROPOSAL.
3. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL AND MAINTAIN DENSE GRADED AGGREGATE OR HOT MIX ASPHALT TO PROVIDE A RIDING SURFACE FOR VEHICLE ACCESS TO EACH PROPERTY. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTAINING ACCESS TO DRIVEWAYS. ALL DRIVEWAY ACCESS COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.
4. THE ROAD IS TO BE PROOF ROLLED AFTER MILLING IS COMPLETED BUT BEFORE FINAL PAVING AT THE ENGINEERS DISCRETION. PROOF ROLLING MUST BE COMPLETED WITH A LOADED DUMP TRUCK IN THE PRESENCE OF THE ENGINEER OR PROJECT INSPECTOR. COSTS SHALL BE INCLUDED IN BID ITEM FOR MILLING.
5. THE CONTRACTOR SHALL LEAVE THE MILLED ROAD UNPAVED FOR 24 HOURS AND PROOF ROLL PRIOR TO PAVING. THE CONTRACTOR SHALL INSTALL HOT MIX ASPHALT BASE COURSE AS A TEMPORARY SURFACE IN AREAS DEEMED NECESSARY BY THE ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE FOR TEMPORARY PAVEMENT. ALL TEMPORARY PAVEMENT COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.
6. ALLOWABLE START TIME IS 8:00 AM FOR ALL WORK. THE CONTRACTOR SHALL MAKE PROVISIONS FOR MATERIAL AND EQUIPMENT STORAGE. THE CONTRACTOR SHALL COORDINATE THE STORAGE OF MATERIAL AND EQUIPMENT WITH THE ENGINEER AND THE POLICE DEPARTMENT. ALL COSTS FOR MATERIAL AND EQUIPMENT STORAGE SHALL BE INCLUDED IN THE BID ITEM "PARKING AND MATERIAL STORAGE".
7. ALL TRAFFIC CONTROL AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. AND MUNICIPAL TRAFFIC ORDINANCES. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE POLICE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO THE START OF WORK. TRAFFIC CONTROL PLANS SHALL INCLUDE AT A MINIMUM, THE FOLLOWING SITUATIONS: 1)ROAD CLOSED, 2)LANE CLOSED, 3) SHOULDER CLOSED. THE CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL ON THE PROJECT. ANY COSTS ASSOCIATED WITH TRAFFIC CONTROL SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.
8. NO DRAINS ARE TO BE INSTALLED UNDER DRIVEWAY APRONS OR THROUGH DROP CURBS.
9. CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ALL UTILITIES TO RAISE OR LOWER MANHOLES, METERS, VALVES, ETC. TO GRADE AS WORK PROGRESSES. ALL COSTS FOR COORDINATION WITH UTILITY COMPANIES SHALL BE INCLUDED IN THE BID ITEM "UTILITY COORDINATION" IN THE PROJECT. THE LOCATIONS OF SUBSURFACE UTILITIES ARE APPROXIMATE AND ARE SHOWN FOR ILLUSTRATIVE PURPOSES. THE CONTRACTOR IS RESPONSIBLE TO CALL FOR A MARK OUT OF UNDERGROUND UTILITIES PRIOR TO THE START OF CONSTRUCTION.
10. THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF ANY DAMAGED CONCRETE BEFORE ACCEPTANCE OF THE PROJECT BY THE CITY AT NO ADDITIONAL COST.
11. THE CONTRACTOR IS RESPONSIBLE TO PROTECT ALL TREES WITHIN THE PROJECT DURING CONSTRUCTION. DAMAGE TO EXISTING TREES WILL BE EVALUATED BY THE CITY FORESTER. THE PROJECT SPECIFICATIONS IMPOSE A PENALTY OF \$500 PER INCIDENT OF DAMAGE TO ANY TREE. ALL COSTS RELATED TO TREE PROTECTION ARE TO BE INCLUDED IN THE BID ITEM "MOBILIZATION".
12. NO SEPARATE PAYMENT SHALL BE MADE FOR ANY SAW CUTTING REQUIRED ON THE PROJECT. COSTS FOR SAW CUTTING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE BID PROPOSAL.
13. THE CONTRACTOR IS RESPONSIBLE TO REPLACE/RESET ANY SPRINKLERS AND DOG FENCING DAMAGED/DISTURBED DURING CONSTRUCTION. THE COST FOR REPAIR/RESETTING SPRINKLERS AND REPAIRING DOG FENCING SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PROPERTY OWNERS FOR THE LOCATION OF THE SPRINKLERS AND DOG FENCES PRIOR TO THE START OF WORK.
14. NO SEPARATE PAYMENT SHALL BE MADE FOR THE RESETTING OR REPLACEMENT OF ANY WALKWAYS CONSTRUCTED OF GRANITE BLOCK, BRICK, BRICK PAVERS, STONE, SLATE, ETC. NO SEPARATE PAYMENT SHALL BE MADE FOR THE INSTALLATION OF CURB ALONG DRIVEWAY APRONS AND DRIVEWAYS WHERE CURBING CURRENTLY EXISTS. COST TO BE INCLUDED IN THE VARIOUS BID ITEMS.
15. NO SEPARATE PAYMENT SHALL BE MADE FOR EXCAVATION, UNCLASSIFIED IN AREAS WITH UNSUITABLE SUB-BASE OR WHERE NO SUB-BASE EXISTS. ALL UNSUITABLE AREAS SHALL BE REMOVED AND REPLACED WITH DENSE GRADED AGGREGATE WHERE DIRECTED BY THE ENGINEER. ALL COSTS ASSOCIATED WITH THE EXCAVATION AND DISPOSAL OF THE EXISTING SUB-BASE AND PLACEMENT OF DENSE GRADED AGGREGATE SHALL BE INCLUDED IN THE BID ITEM "FULL DEPTH REPAIR, IF AND WHERE DIRECTED".
16. NO SEPARATE PAYMENT SHALL BE MADE FOR THE EXCAVATION OF UNCLASSIFIED MATERIAL BEHIND THE PROPOSED CURB. ALL COSTS ASSOCIATED WITH THE REMOVAL OF ANY EXISTING MATERIAL BEHIND THE PROPOSED CURB SHALL BE INCLUDED IN THE BID ITEM "CLEARING SITE".
17. NO SEPARATE PAYMENT SHALL BE MADE FOR THE INSTALLATION AND MAINTENANCE OF ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES. ALL COSTS ARE TO BE INCLUDED IN THE BID ITEM "MOBILIZATION".
18. THE CONTRACTOR IS RESPONSIBLE FOR THE STAKEOUT AND LAYOUT OF THE PROJECT. THE STAKEOUT AND LAYOUT IS TO BE PERFORMED BY A NEW JERSEY PROFESSIONAL LAND SURVEYOR. ALL COSTS ASSOCIATED WITH THE STAKEOUT AND LAYOUT OF THE PROJECT ARE TO BE INCLUDED IN THE BID ITEM "CONSTRUCTION LAYOUT". ALL GRADES ARE TO BE SET IN THE FIELD BY THE LAND SURVEYOR. THE CONTRACTOR IS TO SUBMIT TO THE ENGINEER A PROFILE WITH THE SET GRADES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE PROFILE IS SUBJECT TO THE APPROVAL OF THE ENGINEER.
19. SHOP DRAWINGS IF ANY ARE TO BE SUBMITTED AT A MINIMUM OF THREE (3) WEEKS PRIOR TO CONSTRUCTION FOR ALL PROPOSED DRAINAGE STRUCTURES. ALL DRAINAGE STRUCTURES MUST BE DESIGNED BY A NEW JERSEY PROFESSIONAL ENGINEER. ALL SHOP DRAWINGS ARE SUBJECT TO THE APPROVAL OF THE ENGINEER.
20. SITE SURVEY PROVIDED BY ROBINSON AERIAL SURVEY INC, 1 EDGEVIEW DRIVE, HACKETTSTOWN NJ 07840 908-813-3900, robinsonaerial.com
21. ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION FOR THE IMPROVEMENTS SHOWN SHALL BE IN ACCORDANCE WITH THE NEW JERSEY DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2007" AND ALL APPLICABLE AMENDMENTS.



| INDEX OF SHEETS | |
|-----------------|---------------------|
| SHEET | DESCRIPTION |
| 1 | TITLE SHEET-KEY MAP |
| 2 | CONSTRUCTION PLAN |
| 3 | DETAIL SHEET |

UTILITIES

- | | |
|---|---|
| Public Service Electric & Gas Co. 48 Middle Avenue Summit, NJ 07901 | Verizon 445 Georges Road North Brunswick, NJ 08902 |
| Jersey Central Power and Light 300 Madison Avenue Morristown, NJ 07960 | City of Summit Division of Public Works 41 Chatham Road Summit, NJ 07901 |
| Comcast Cablevision of New Jersey 300 Rahway Avenue 07901 Union, NJ 07083 | New Jersey American Water Co. 167 JFK Parkway Short Hills, NJ 07078 |

Funding Note:
This project is funded by the City of Summit

Survey Note:
The contractor is responsible for stakeout and vertical control of the project. Stakeout is required for the project. AutoCAD drawings are available for this project upon request. Cut sheets shall be submitted prior to the start of any work.

Project Safety Note:
The contractor(s) working on the project are responsible to ensure that all safety regulations of the Occupational Safety and Health Administration (OSHA) and the requirements of the State of New Jersey Department of Labor and Industry shall be adhered to on this project and that he or she shall instruct his or her personnel to follow these regulations. These regulations include, but are not limited to, the regulations concerning Trench Excavation, Competent Persons and Confined Space Regulations.

Specifications Note:
New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction 2007 and all of its amendments and Baseline Document Changes are to govern all construction herein.

| ITEM | DESCRIPTION | UNIT | QTY |
|------------------------------------|--|-------|-------|
| GENERAL WORK | | | |
| 1 | MOBILIZATION | LS | LS |
| 2 | CLEARING SITE | LS | LS |
| 3 | MAINTENANCE AND PROTECTION OF TRAFFIC | LS | LS |
| 4 | CONSTRUCTION LAYOUT | LS | LS |
| 5 | UTILITY COORDINATION | LS | LS |
| 6 | PARKING AND MATERIAL STORAGE | ALLOW | ALLOW |
| 7 | INLET FILTERS, TYPE 1 | UNIT | 7 |
| 8 | CONSTRUCTION SIGNS | SF | 100 |
| 9 | CONSTRUCTION IDENTIFICATION SIGNS, 18" X 36" | UNIT | 2 |
| 10 | DRUMS | UNIT | 20 |
| ROADWAY, CURBING & ADA | | | |
| 11 | HMA MILLING, 2" OR LESS | SY | 1,800 |
| 12 | HOT MIX ASPHALT MIX I-5 | TON | 275 |
| 13 | CONCRETE SIDEWALK, 4" THICK | SY | 435 |
| 14 | CONCRETE DRIVEWAY, 6" THICK | SY | 80 |
| 15 | GRANITE CURB | LF | 250 |
| 16 | FUEL PRICE ADJUSTMENT | ALLOW | ALLOW |
| 17 | HOT MIX ASPHALT DRIVEWAY REPAIR | SY | 45 |
| LANDSCAPING | | | |
| 18 | TOP SOILING, 4" THICK | SY | 150 |
| 19 | FERTILIZING AND SEEDING, TYPE A-3, | SY | 150 |
| 20 | 2" THICK NON METALLIC CONDUIT | LF | 160 |
| STREET SIGNS & STRIPING | | | |
| 21 | TRAFFIC STRIPES, 4" THICK | LF | 2,500 |

| NO | DATE | DESCRIPTION |
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SPRINGFIELD AVENUE CITY HALL PORTION
IMPROVEMENT PROJECT
MORRIS AVENUE TO NJ TRANSIT BRIDGE
COVER SHEET

CITY OF SUMMIT UNION CO., N.J.
DIVISION OF ENGINEERING
DEPARTMENT OF COMMUNITY SERVICES
512 SPRINGFIELD AVENUE
SUMMIT, NJ 07901
UNION COUNTY

Aaron J. Schrage
Professional Engineer
New Jersey Lic. No. 46143
City Engineer

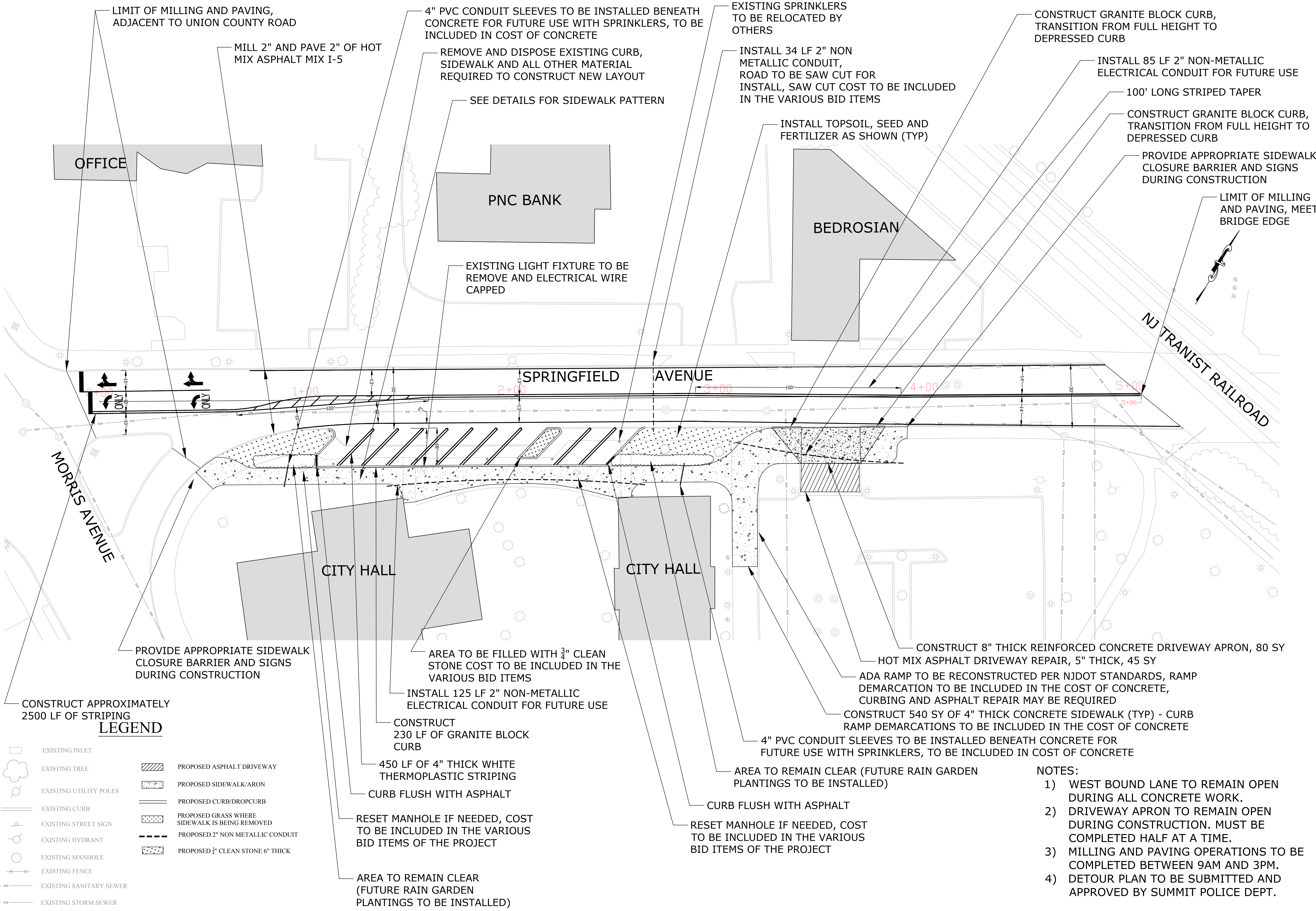


DATE:
11/15/2018

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BY: RM

SCALE
AS NOTED

1 OF 3



LIMIT OF MILLING AND PAVING, ADJACENT TO UNION COUNTY ROAD

MILL 2" AND PAVE 2" OF HOT MIX ASPHALT MIX I-5

4" PVC CONDUIT SLEEVES TO BE INSTALLED BENEATH CONCRETE FOR FUTURE USE WITH SPRINKLERS, TO BE INCLUDED IN COST OF CONCRETE

REMOVE AND DISPOSE EXISTING CURB, SIDEWALK AND ALL OTHER MATERIAL REQUIRED TO CONSTRUCT NEW LAYOUT

SEE DETAILS FOR SIDEWALK PATTERN

EXISTING SPRINKLERS TO BE RELOCATED BY OTHERS

INSTALL 34 LF 2" NON METALLIC CONDUIT, ROAD TO BE SAW CUT FOR INSTALL, SAW CUT COST TO BE INCLUDED IN THE VARIOUS BID ITEMS

INSTALL TOPSOIL, SEED AND FERTILIZER AS SHOWN (TYP)

CONSTRUCT GRANITE BLOCK CURB, TRANSITION FROM FULL HEIGHT TO DEPRESSED CURB

INSTALL 85 LF 2" NON-METALLIC ELECTRICAL CONDUIT FOR FUTURE USE

100' LONG STRIPED TAPER

CONSTRUCT GRANITE BLOCK CURB, TRANSITION FROM FULL HEIGHT TO DEPRESSED CURB

PROVIDE APPROPRIATE SIDEWALK CLOSURE BARRIER AND SIGNS DURING CONSTRUCTION

LIMIT OF MILLING AND PAVING, MEET BRIDGE EDGE

OFFICE

PNC BANK

BEDROSIAN

EXISTING LIGHT FIXTURE TO BE REMOVE AND ELECTRICAL WIRE CAPPED

SPRINGFIELD AVENUE

NJ TRANSIT RAILROAD

MORRIS AVENUE

CITY HALL

CITY HALL

PROVIDE APPROPRIATE SIDEWALK CLOSURE BARRIER AND SIGNS DURING CONSTRUCTION

AREA TO BE FILLED WITH 3/4" CLEAN STONE COST TO BE INCLUDED IN THE VARIOUS BID ITEMS

INSTALL 125 LF 2" NON-METALLIC ELECTRICAL CONDUIT FOR FUTURE USE

CONSTRUCT 230 LF OF GRANITE BLOCK CURB

450 LF OF 4" THICK WHITE THERMOPLASTIC STRIPING

CURB FLUSH WITH ASPHALT

RESET MANHOLE IF NEEDED, COST TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE PROJECT

AREA TO REMAIN CLEAR (FUTURE RAIN GARDEN PLANTINGS TO BE INSTALLED)

CONSTRUCT 8" THICK REINFORCED CONCRETE DRIVEWAY APRON, 80 SY
HOT MIX ASPHALT DRIVEWAY REPAIR, 5" THICK, 45 SY

ADA RAMP TO BE RECONSTRUCTED PER NJDOT STANDARDS, RAMP DEMARCATION TO BE INCLUDED IN THE COST OF CONCRETE, CURBING AND ASPHALT REPAIR MAY BE REQUIRED

CONSTRUCT 540 SY OF 4" THICK CONCRETE SIDEWALK (TYP) - CURB RAMP DEMARCATIONS TO BE INCLUDED IN THE COST OF CONCRETE

4" PVC CONDUIT SLEEVES TO BE INSTALLED BENEATH CONCRETE FOR FUTURE USE WITH SPRINKLERS, TO BE INCLUDED IN COST OF CONCRETE

AREA TO REMAIN CLEAR (FUTURE RAIN GARDEN PLANTINGS TO BE INSTALLED)

CURB FLUSH WITH ASPHALT

RESET MANHOLE IF NEEDED, COST TO BE INCLUDED IN THE VARIOUS BID ITEMS OF THE PROJECT

CONSTRUCT APPROXIMATELY 2500 LF OF STRIPING
LEGEND

- EXISTING INLET
- EXISTING TREE
- EXISTING UTILITY POLES
- EXISTING CURB
- EXISTING STREET SIGN
- EXISTING HYDRANT
- EXISTING MANHOLE
- EXISTING FENCE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- PROPOSED ASPHALT DRIVEWAY
- PROPOSED SIDEWALK/ARON
- PROPOSED CURB/DROPCURB
- PROPOSED GRASS WHERE SIDEWALK IS BEING REMOVED
- PROPOSED 2" NON METALLIC CONDUIT
- PROPOSED 3/4" CLEAN STONE 6" THICK

NOTES:

- 1) WEST BOUND LANE TO REMAIN OPEN DURING ALL CONCRETE WORK.
- 2) DRIVEWAY APRON TO REMAIN OPEN DURING CONSTRUCTION. MUST BE COMPLETED HALF AT A TIME.
- 3) MILLING AND PAVING OPERATIONS TO BE COMPLETED BETWEEN 9AM AND 3PM.
- 4) DETOUR PLAN TO BE SUBMITTED AND APPROVED BY SUMMIT POLICE DEPT.

| NO. | DATE | DESCRIPTION |
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IMPROVEMENT PROJECT
MORRIS AVENUE TO NJ TRANSIT BRIDGE
CONSTRUCTION SHEET

CITY OF SUMMIT UNION CO., N.J.
DIVISION OF ENGINEERING
DEPARTMENT OF COMMUNITY SERVICES
512 SPRINGFIELD AVENUE
SUMMIT NJ 07901
UNION COUNTY

Aaron J. Schragger
Professional Engineer
New Jersey Lic. No. 46143
City Engineer



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11/15/2018

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BY: RM

SCALE
NTS

